

Boiler House - EC10-EC12 Aromatics

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE - waste/oil Receptor years

05% of values less than 4.07404E+007	10% of values less than 4.27441E+007	25% of values less than 4.63962E+007
50% of values less than 5.18926E+007	75% of values less than 5.7437E+007	90% of values less than 6.30927E+007
Minimum 3.58812E+0076.59307E+007	Maximum 7.51641E+007	
Mean 5.22892E+007	SD 7.631E+006	Variance 5.82322E+013

Boiler House - Naphthalene

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - EC12-EC16 Aromatics

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - EC16-EC21 Aromatics

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - EC10-EC12 Aromatics

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - Naphthalene

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 0.574305	10% of values less than 0.626851	25% of values less than 0.756192
50% of values less than 0.904774	75% of values less than 1.04348	90% of values less than 1.21713
Minimum 0.468203	Maximum 1.95022	
Mean 0.91844	SD 0.233672	Variance 0.0546026

Retarded Travel Time to VC MFB 50m years

05% of values less than 28.7581	10% of values less than 31.7579	25% of values less than 37.8464
50% of values less than 45.1798	75% of values less than 55.0495	90% of values less than 67.8779
Minimum 22.2324	Maximum 133.462	
Mean 48.1958	SD 15.5346	Variance 241.324

Boiler House - EC12-EC16 Aromatics

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 0.574305	10% of values less than 0.626851	25% of values less than 0.756192
50% of values less than 0.904774	75% of values less than 1.04348	90% of values less than 1.21713
Minimum 0.468203	Maximum 1.95022	
Mean 0.91844	SD 0.233672	Variance 0.0546026

Retarded Travel Time to VC MFB 50m years

05% of values less than 56.8992	10% of values less than 62.8167	25% of values less than 74.7958
50% of values less than 89.4405	75% of values less than 109.169	90% of values less than 134.497
Minimum 43.9673s	Maximum 265.028	
Mean 95.4731	SD 30.8676	Variance 952.808

Boiler House - EC16-EC21 Aromatics

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 0.574305	10% of values less than 0.626851	25% of values less than 0.756192
50% of values less than 0.904774	75% of values less than 1.04348	90% of values less than 1.21713
Minimum 0.468203	Maximum 1.95022	
Mean 0.91844	SD 0.233672	Variance 0.0546026

Retarded Travel Time to VC MFB 50m years

05% of values less than 180.72	10% of values less than 199.575	25% of values less than 237.486
50% of values less than 284.188	75% of values less than 347.295	90% of values less than 427.186
Minimum 139.601	Maximum 843.916	
Mean 303.494	SD 98.3336	Variance 9669.49

Boiler House - EC10-EC12 Aromatics

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 0.574305	10% of values less than 0.626851	25% of values less than 0.756192
50% of values less than 0.904774	75% of values less than 1.04348	90% of values less than 1.21713
Minimum 0.468203	Maximum 1.95022	
Mean 0.91844	SD 0.233672	Variance 0.0546026

Retarded Travel Time to VC MFB 50m years

05% of values less than 28.7581	10% of values less than 31.7579	25% of values less than 37.8464
50% of values less than 45.1798	75% of values less than 55.0495	90% of values less than 67.8779
Minimum 22.2324	Maximum 133.462	
Mean 48.1958	SD 15.5346	Variance 241.324

Boiler House - Naphthalene

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 2.69839E-028	90% of values less than 2.6209E-022
Minimum 0.es less than 1.05164E-020	Maximum 2.60778E-017	
Mean 7.77374E-020	SD 1.00375E-018	Variance 1.00751E-036

Boiler House - EC12-EC16 Aromatics

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 6.4019E-019	90% of values less than 2.53387E-015
Minimum 0.es less than 7.93762E-014	Maximum 1.06238E-011	
Mean 6.06975E-014	SD 5.0765E-013	Variance 2.57708E-025

Boiler House - EC16-EC21 Aromatics

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.24601E-021	90% of values less than 5.6587E-017
Minimum 0.es less than 1.48446E-015	Maximum 4.07797E-013	
Mean 1.7972E-015	SD 1.87765E-014	Variance 3.52557E-028

Boiler House - EC10-EC12 Aromatics

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 4.32948E-027	90% of values less than 2.00408E-020
Minimum 0.es less than 1.18758E-018	Maximum 5.40253E-015	
Mean 8.82338E-018	SD 1.74689E-016	Variance 3.05164E-032

Project: Ford Bridgend CWRA Groundwater Source Assessment

Project Number: 21476577

Boiler House - Naphthalene

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 0.347326	10% of values less than 0.398501	25% of values less than 0.516099
50% of values less than 0.655263	75% of values less than 0.794223	90% of values less than 0.921944
Minimum 0.248009	Maximum 1.53747	
Mean 0.664264	SD 0.209059	Variance 0.0437057

Retarded Travel Time to Boiler House 50m years

05% of values less than 17.3273	10% of values less than 19.9077	25% of values less than 25.8497
50% of values less than 33.249	75% of values less than 40.9202	90% of values less than 50.3262
Minimum 12.1878s	Maximum 105.679	
Mean 34.8474	SD 13.0123	Variance 169.319

Boiler House - EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 0.347326	10% of values less than 0.398501	25% of values less than 0.516099
50% of values less than 0.655263	75% of values less than 0.794223	90% of values less than 0.921944
Minimum 0.248009	Maximum 1.53747	
Mean 0.664264	SD 0.209059	Variance 0.0437057

Retarded Travel Time to Boiler House 50m years

05% of values less than 34.2809	10% of values less than 39.4589	25% of values less than 51.2093
50% of values less than 65.8259	75% of values less than 81.042	90% of values less than 99.7696
Minimum 24.1028	Maximum 209.856	
Mean 69.0305	SD 25.8372	Variance 667.56

Boiler House - EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 0.347326	10% of values less than 0.398501	25% of values less than 0.516099
50% of values less than 0.655263	75% of values less than 0.794223	90% of values less than 0.921944
Minimum 0.248009	Maximum 1.53747	
Mean 0.664264	SD 0.209059	Variance 0.0437057

Retarded Travel Time to Boiler House 50m years

05% of values less than 108.999	10% of values less than 125.468	25% of values less than 162.791
50% of values less than 209.155	75% of values less than 257.578	90% of values less than 317.32
Minimum 76.5289	Maximum 668.236	
Mean 219.436	SD 82.2674	Variance 6767.92

Boiler House - EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 0.347326	10% of values less than 0.398501	25% of values less than 0.516099
50% of values less than 0.655263	75% of values less than 0.794223	90% of values less than 0.921944
Minimum 0.248009	Maximum 1.53747	
Mean 0.664264	SD 0.209059	Variance 0.0437057

Retarded Travel Time to Boiler House 50m years

05% of values less than 17.3273	10% of values less than 19.9077	25% of values less than 25.8497
50% of values less than 33.249	75% of values less than 40.9202	90% of values less than 50.3262
Minimum 12.1878s	Maximum 105.679	
Mean 34.8474	SD 13.0123	Variance 169.319

Boiler House - Naphthalene

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 6.47572E-011	10% of values less than 6.95995E-010	25% of values less than 1.32442E-008
50% of values less than 2.23209E-007	75% of values less than 1.73921E-006	90% of values less than 7.2795E-006
Minimum 1.81507E-017 1.42244E-005	Maximum 6.56259E-005	
Mean 2.71952E-006	SD 7.41604E-006	Variance 5.49977E-011

Boiler House - EC12-EC16 Aromatics

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 0.00749359	10% of values less than 0.0110372	25% of values less than 0.0193904
50% of values less than 0.033037	75% of values less than 0.0520488	90% of values less than 0.0693572
Minimum 0.00045733an 0.0820685	Maximum 0.117629	
Mean 0.0371748	SD 0.0230032	Variance 0.000529145

Boiler House - EC16-EC21 Aromatics

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 7.47675E-005	10% of values less than 0.000256609	25% of values less than 0.00102482
50% of values less than 0.0040032	75% of values less than 0.0130374	90% of values less than 0.0323715
Minimum 3.7774E-008n 0.04833	Maximum 0.13437	
Mean 0.0110964	SD 0.0175802	Variance 0.000309065

Boiler House - EC10-EC12 Aromatics

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 8.63898E-009	10% of values less than 5.10283E-008	25% of values less than 1.20567E-006
50% of values less than 1.48203E-005	75% of values less than 9.5814E-005	90% of values less than 0.000394137
Minimum 5.68504E-016 0.000926838	Maximum 0.0061211	
Mean 0.000160998	SD 0.00045472	Variance 2.0677E-007

Boiler House - Naphthalene

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 0.679748	10% of values less than 0.734065	25% of values less than 0.863762
50% of values less than 1.02314	75% of values less than 1.15963	90% of values less than 1.34818
Minimum 0.571068 than 1.48425	Maximum 2.14304	
Mean 1.03718	SD 0.247034	Variance 0.0610256

Retarded Travel Time to Lead MFB 50m years

05% of values less than 34.0186	10% of values less than 37.039	25% of values less than 43.3151
50% of values less than 50.7851	75% of values less than 61.5916	90% of values less than 75.6052
Minimum 26.9249s than 85.9787	Maximum 146.441	
Mean 54.4316	SD 16.8355	Variance 283.433

Boiler House - EC12-EC16 Aromatics

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 0.679748	10% of values less than 0.734065	25% of values less than 0.863762
50% of values less than 1.02314	75% of values less than 1.15963	90% of values less than 1.34818
Minimum 0.571068	Maximum 2.14304	
Mean 1.03718	SD 0.247034	Variance 0.0610256

Retarded Travel Time to Lead MFB 50m years

05% of values less than 67.2577	10% of values less than 73.3977	25% of values less than 85.8353
50% of values less than 100.56	75% of values less than 122.047	90% of values less than 149.965
Minimum 53.2472s	Maximum 290.801	
Mean 107.826	SD 33.4606	Variance 1119.61

Boiler House - EC16-EC21 Aromatics

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 0.679748	10% of values less than 0.734065	25% of values less than 0.863762
50% of values less than 1.02314	75% of values less than 1.15963	90% of values less than 1.34818
Minimum 0.571068 than 1.48425	Maximum 2.14304	
Mean 1.03718	SD 0.247034	Variance 0.0610256

Retarded Travel Time to Lead MFB 50m years

05% of values less than 213.424	10% of values less than 232.896	25% of values less than 272.673
50% of values less than 319.834	75% of values less than 387.983	90% of values less than 477.082
Minimum 169.065s than 542.565	Maximum 925.987	
Mean 342.761	SD 106.612	Variance 11366.2

Boiler House - EC10-EC12 Aromatics

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 0.679748	10% of values less than 0.734065	25% of values less than 0.863762
50% of values less than 1.02314	75% of values less than 1.15963	90% of values less than 1.34818
Minimum 0.571068 than 1.48425	Maximum 2.14304	
Mean 1.03718	SD 0.247034	Variance 0.0610256

Retarded Travel Time to Lead MFB 50m years

05% of values less than 34.0186	10% of values less than 37.039	25% of values less than 43.3151
50% of values less than 50.7851	75% of values less than 61.5916	90% of values less than 75.6052
Minimum 26.9249s than 85.9787	Maximum 146.441	
Mean 54.4316	SD 16.8355	Variance 283.433

Boiler House - Naphthalene

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - EC12-EC16 Aromatics

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - EC16-EC21 Aromatics

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - EC10-EC12 Aromatics

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - Naphthalene

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0.0910188	10% of values less than 0.138886	25% of values less than 0.247613
50% of values less than 0.393295	75% of values less than 0.524685	90% of values less than 0.6244
Minimum 0.0112544	Maximum 1.09368	
Mean 0.390973	SD 0.190596	Variance 0.0363269

Retarded Travel Time to BH Lead 50m years

05% of values less than 4.31673	10% of values less than 6.97824	25% of values less than 12.6296
50% of values less than 19.7886	75% of values less than 27.2248	90% of values less than 33.5192
Minimum 0.645333	Maximum 75.8063	
Mean 20.4951	SD 10.9306	Variance 119.479

Boiler House - EC12-EC16 Aromatics

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0.0910188	10% of values less than 0.138886	25% of values less than 0.247613
50% of values less than 0.393295	75% of values less than 0.524685	90% of values less than 0.6244
Minimum 0.0112544	Maximum 1.09368	
Mean 0.390973	SD 0.190596	Variance 0.0363269

Retarded Travel Time to BH Lead 50m years

05% of values less than 8.54225	10% of values less than 13.824	25% of values less than 24.9797
50% of values less than 39.2333	75% of values less than 53.9266	90% of values less than 66.3748
Minimum 1.27941	Maximum 150.536	
Mean 40.5992	SD 21.6813	Variance 470.078

Boiler House - EC16-EC21 Aromatics

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0.0910188	10% of values less than 0.138886	25% of values less than 0.247613
50% of values less than 0.393295	75% of values less than 0.524685	90% of values less than 0.6244
Minimum 0.0112544	Maximum 1.09368	
Mean 0.390973	SD 0.190596	Variance 0.0363269

Retarded Travel Time to BH Lead 50m years

05% of values less than 27.1345	10% of values less than 43.9452	25% of values less than 79.3201
50% of values less than 124.842	75% of values less than 171.415	90% of values less than 210.939
Minimum 4.06936	Maximum 479.344	
Mean 129.057	SD 68.9845	Variance 4758.86

Boiler House - EC10-EC12 Aromatics

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0.0910188	10% of values less than 0.138886	25% of values less than 0.247613
50% of values less than 0.393295	75% of values less than 0.524685	90% of values less than 0.6244
Minimum 0.0112544	Maximum 1.09368	
Mean 0.390973	SD 0.190596	Variance 0.0363269

Retarded Travel Time to BH Lead 50m years

05% of values less than 4.31673	10% of values less than 6.97824	25% of values less than 12.6296
50% of values less than 19.7886	75% of values less than 27.2248	90% of values less than 33.5192
Minimum 0.645333	Maximum 75.8063	
Mean 20.4951	SD 10.9306	Variance 119.479

Boiler House - Naphthalene

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 1.26989E-008	10% of values less than 6.35221E-008	25% of values less than 6.69049E-007
50% of values less than 6.11686E-006	75% of values less than 3.34659E-005	90% of values less than 0.000141878
Minimum 1.01708E-013 0.000254057	Maximum 0.001	
Mean 4.52974E-005	SD 0.000103789	Variance 1.07721E-008

Boiler House - EC12-EC16 Aromatics

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 0.0199335	10% of values less than 0.0257728	25% of values less than 0.0428662
50% of values less than 0.0650602	75% of values less than 0.100139	90% of values less than 0.133424
Minimum 0.00238715an 0.151887	Maximum 0.183688	
Mean 0.0733118	SD 0.0402317	Variance 0.00161859

Boiler House - EC16-EC21 Aromatics

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 0.00152082	10% of values less than 0.00305728	25% of values less than 0.0093694
50% of values less than 0.0280172	75% of values less than 0.0798328	90% of values less than 0.193032
Minimum 3.71455E-006 0.279128	Maximum 0.500624	
Mean 0.0675231	SD 0.0931826	Variance 0.008683

Boiler House - EC10-EC12 Aromatics

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 1.32802E-006	10% of values less than 5.50834E-006	25% of values less than 5.25723E-005
50% of values less than 0.000394963	75% of values less than 0.00203478	90% of values less than 0.00807557
Minimum 3.86929E-012 0.0144613	Maximum 0.06395	
Mean 0.00281714	SD 0.00649875	Variance 4.22337E-005

Boiler House - Naphthalene

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.0107813	10% of values less than 0.0417571	25% of values less than 0.123512
50% of values less than 0.253099	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 252747	SD 434804	Variance 1.89055E+011

Retarded Travel Time to Lead Boiler House Receptor years

05% of values less than 0.508643	10% of values less than 2.27819	25% of values less than 6.58718
50% of values less than 13.019	75% of values less than 3.77217E+007	90% of values less than 5.44138E+007
Minimum 0.es less than 5.8677E+007	Maximum 7.42907E+007	
Mean 1.32316E+007	SD 2.30992E+007	Variance 5.33571E+014

Boiler House - EC12-EC16 Aromatics

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.0107813	10% of values less than 0.0417571	25% of values less than 0.123512
50% of values less than 0.253099	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 252747	SD 434804	Variance 1.89055E+011

Retarded Travel Time to Lead Boiler House Receptor years

05% of values less than 1.0088	10% of values less than 4.50676	25% of values less than 13.0364
50% of values less than 25.7486	75% of values less than 7.44435E+007	90% of values less than 1.07828E+008
Minimum 0.es less than 1.16354E+008	Maximum 1.47581E+008	
Mean 2.62105E+007	SD 4.57699E+007	Variance 2.09489E+015

Boiler House - EC16-EC21 Aromatics

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.0107813	10% of values less than 0.0417571	25% of values less than 0.123512
50% of values less than 0.253099	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 252747	SD 434804	Variance 1.89055E+011

Retarded Travel Time to Lead Boiler House Receptor years

05% of values less than 3.2095	10% of values less than 14.3159	25% of values less than 41.4127
50% of values less than 81.7685	75% of values less than 2.36019E+008	90% of values less than 3.42849E+008
Minimum 0.es less than 3.70133E+008	Maximum 4.70061E+008	
Mean 8.33176E+007	SD 1.45521E+008	Variance 2.11765E+016

Boiler House - EC10-EC12 Aromatics

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.0107813	10% of values less than 0.0417571	25% of values less than 0.123512
50% of values less than 0.253099	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 252747	SD 434804	Variance 1.89055E+011

Retarded Travel Time to Lead Boiler House Receptor years

05% of values less than 0.508643	10% of values less than 2.27819	25% of values less than 6.58718
50% of values less than 13.019	75% of values less than 3.77217E+007	90% of values less than 5.44138E+007
Minimum 0.es less than 5.8677E+007	Maximum 7.42907E+007	
Mean 1.32316E+007	SD 2.30992E+007	Variance 5.33571E+014

Boiler House - Naphthalene

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.63722E-005	75% of values less than 0.000158228	90% of values less than 0.000412289
Minimum 0.es less than 0.001	Maximum 0.001	
Mean 0.000145081	SD 0.000260978	Variance 6.81097E-008

Boiler House - EC12-EC16 Aromatics

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0.0924553	75% of values less than 0.135073	90% of values less than 0.167869
Minimum 0.05 less than 0.187064	Maximum 0.2035	
Mean 0.0871392	SD 0.0630758	Variance 0.00397856

Boiler House - EC16-EC21 Aromatics

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0.0757431	75% of values less than 0.205284	90% of values less than 0.371356
Minimum 0.05 less than 0.486464	Maximum 0.65	
Mean 0.136794	SD 0.162933	Variance 0.026547

Boiler House - EC10-EC12 Aromatics

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0.00182489	75% of values less than 0.0100852	90% of values less than 0.0264711
Minimum 0.00000000	Maximum 0.06395	
Mean 0.00916819	SD 0.0166139	Variance 0.00027602

Boiler House - Naphthalene

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 0.438522	10% of values less than 0.489744	25% of values less than 0.613916
50% of values less than 0.757516	75% of values less than 0.892279	90% of values less than 1.04056
Minimum 0.336297 than 1.13884	Maximum 1.70297	
Mean 0.766177	SD 0.218192	Variance 0.0476079

Retarded Travel Time to Lead MFB core and store Receptor years

05% of values less than 21.8006	10% of values less than 24.6511	25% of values less than 30.4783
50% of values less than 38.1693	75% of values less than 46.3751	90% of values less than 57.2637
Minimum 16.2152s than 64.5612	Maximum 116.819	
Mean 40.1995	SD 13.9721	Variance 195.221

Boiler House - EC12-EC16 Aromatics

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 0.438522	10% of values less than 0.489744	25% of values less than 0.613916
50% of values less than 0.757516	75% of values less than 0.892279	90% of values less than 1.04056
Minimum 0.336297	Maximum 1.70297	
Mean 0.766177	SD 0.218192	Variance 0.0476079

Retarded Travel Time to Lead MFB core and store Receptor years

05% of values less than 43.1334	10% of values less than 48.8638	25% of values less than 60.3175
50% of values less than 75.6067	75% of values less than 91.8597	90% of values less than 113.665
Minimum 32.0676	Maximum 231.977	
Mean 79.6328	SD 27.752	Variance 770.174

Boiler House - EC16-EC21 Aromatics

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 0.438522	10% of values less than 0.489744	25% of values less than 0.613916
50% of values less than 0.757516	75% of values less than 0.892279	90% of values less than 1.04056
Minimum 0.336297 than 1.13884	Maximum 1.70297	
Mean 0.766177	SD 0.218192	Variance 0.0476079

Retarded Travel Time to Lead MFB core and store Receptor years

05% of values less than 136.998	10% of values less than 155.071	25% of values less than 191.577
50% of values less than 240.144	75% of values less than 292.274	90% of values less than 361.83
Minimum 101.818s than 407.508	Maximum 738.676	
Mean 253.139	SD 88.3841	Variance 7811.75

Boiler House - EC10-EC12 Aromatics

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 0.438522	10% of values less than 0.489744	25% of values less than 0.613916
50% of values less than 0.757516	75% of values less than 0.892279	90% of values less than 1.04056
Minimum 0.336297 than 1.13884	Maximum 1.70297	
Mean 0.766177	SD 0.218192	Variance 0.0476079

Retarded Travel Time to Lead MFB core and store Receptor years

05% of values less than 21.8006	10% of values less than 24.6511	25% of values less than 30.4783
50% of values less than 38.1693	75% of values less than 46.3751	90% of values less than 57.2637
Minimum 16.2152s than 64.5612	Maximum 116.819	
Mean 40.1995	SD 13.9721	Variance 195.221

Boiler House - Naphthalene

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - EC12-EC16 Aromatics

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - EC16-EC21 Aromatics

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - EC10-EC12 Aromatics

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - Naphthalene

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE waste oil 50m years

05% of values less than 4.07404E+007	10% of values less than 4.27441E+007	25% of values less than 4.63962E+007
50% of values less than 5.18926E+007	75% of values less than 5.7437E+007	90% of values less than 6.30927E+007
Minimum 3.58812E+0076.59307E+007	Maximum 7.51641E+007	
Mean 5.22892E+007	SD 7.631E+006	Variance 5.82322E+013

Boiler House - EC12-EC16 Aromatics

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE waste oil 50m years

05% of values less than 8.04808E+007	10% of values less than 8.44883E+007	25% of values less than 9.17924E+007
50% of values less than 1.02785E+008	75% of values less than 1.13874E+008	90% of values less than 1.25185E+008
Minimum 7.07624E+0071.30861E+008	Maximum 1.49328E+008	
Mean 1.03578E+008	SD 1.5262E+007	Variance 2.32929E+014

Boiler House - EC16-EC21 Aromatics

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE waste oil 50m years

05% of values less than 2.55338E+008	10% of values less than 2.68163E+008	25% of values less than 2.91536E+008
50% of values less than 3.26712E+008	75% of values less than 3.62197E+008	90% of values less than 3.98393E+008
Minimum 2.2424E+008\ 4.16557E+008	Maximum 4.7565E+008	
Mean 3.29251E+008	SD 4.88384E+007	Variance 2.38519E+015

Boiler House - EC10-EC12 Aromatics

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE waste oil 50m years

05% of values less than 4.07404E+007	10% of values less than 4.27441E+007	25% of values less than 4.63962E+007
50% of values less than 5.18926E+007	75% of values less than 5.7437E+007	90% of values less than 6.30927E+007
Minimum 3.58812E+0076.59307E+007	Maximum 7.51641E+007	
Mean 5.22892E+007	SD 7.631E+006	Variance 5.82322E+013

Boiler House - Naphthalene

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - EC12-EC16 Aromatics

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - EC16-EC21 Aromatics

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - EC10-EC12 Aromatics

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - Naphthalene

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TF Lagoon CHC 50 m years

05% of values less than 4.07404E+007	10% of values less than 4.27441E+007	25% of values less than 4.63962E+007
50% of values less than 5.18926E+007	75% of values less than 5.7437E+007	90% of values less than 6.30927E+007
Minimum 3.58812E+0076.59307E+007	Maximum 7.51641E+007	
Mean 5.22892E+007	SD 7.631E+006	Variance 5.82322E+013

Boiler House - EC12-EC16 Aromatics

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TF Lagoon CHC 50 m years

05% of values less than 8.04808E+007	10% of values less than 8.44883E+007	25% of values less than 9.17924E+007
50% of values less than 1.02785E+008	75% of values less than 1.13874E+008	90% of values less than 1.25185E+008
Minimum 7.07624E+0071.30861E+008	Maximum 1.49328E+008	
Mean 1.03578E+008	SD 1.5262E+007	Variance 2.32929E+014

Boiler House - EC16-EC21 Aromatics

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TF Lagoon CHC 50 m years

05% of values less than 2.55338E+008	10% of values less than 2.68163E+008	25% of values less than 2.91536E+008
50% of values less than 3.26712E+008	75% of values less than 3.62197E+008	90% of values less than 3.98393E+008
Minimum 2.2424E+008; 4.16557E+008	Maximum 4.7565E+008	
Mean 3.29251E+008	SD 4.88384E+007	Variance 2.38519E+015

Boiler House - EC10-EC12 Aromatics

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TF Lagoon CHC 50 m years

05% of values less than 4.07404E+007	10% of values less than 4.27441E+007	25% of values less than 4.63962E+007
50% of values less than 5.18926E+007	75% of values less than 5.7437E+007	90% of values less than 6.30927E+007
Minimum 3.58812E+0076.59307E+007	Maximum 7.51641E+007	
Mean 5.22892E+007	SD 7.631E+006	Variance 5.82322E+013

Boiler House - Naphthalene

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - EC12-EC16 Aromatics

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - EC16-EC21 Aromatics

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - EC10-EC12 Aromatics

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House - Naphthalene

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0	10% of values less than 0.0235182	25% of values less than 0.119808
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 563437	SD 496207	Variance 2.46222E+011

Retarded Travel Time to ETP 50m years

05% of values less than 0	10% of values less than 1.10269	25% of values less than 6.1117
50% of values less than 4.30183E+007	75% of values less than 5.351E+007	90% of values less than 5.992E+007
Minimum 0.es less than 6.39099E+007	Maximum 7.51641E+007	
Mean 2.96321E+007	SD 2.67547E+007	Variance 7.15815E+014

Boiler House - EC12-EC16 Aromatics

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0	10% of values less than 0.0235182	25% of values less than 0.119808
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 563437	SD 496207	Variance 2.46222E+011

Retarded Travel Time to ETP 50m years

05% of values less than 0	10% of values less than 2.18621	25% of values less than 12.0989
50% of values less than 8.50365E+007	75% of values less than 1.0602E+008	90% of values less than 1.1884E+008
Minimum 0.es less than 1.2682E+008	Maximum 1.49328E+008	
Mean 5.87007E+007	SD 5.30256E+007	Variance 2.81171E+015

Boiler House - EC16-EC21 Aromatics

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0	10% of values less than 0.0235182	25% of values less than 0.119808
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 563437	SD 496207	Variance 2.46222E+011

Retarded Travel Time to ETP 50m years

05% of values less than 0	10% of values less than 6.95371	25% of values less than 38.4425
50% of values less than 2.69917E+008	75% of values less than 3.37064E+008	90% of values less than 3.78088E+008
Minimum 0.es less than 4.03623E+008	Maximum 4.7565E+008	
Mean 1.86603E+008	SD 1.68618E+008	Variance 2.84319E+016

Boiler House - EC10-EC12 Aromatics

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0	10% of values less than 0.0235182	25% of values less than 0.119808
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 563437	SD 496207	Variance 2.46222E+011

Retarded Travel Time to ETP 50m years

05% of values less than 0	10% of values less than 1.10269	25% of values less than 6.1117
50% of values less than 4.30183E+007	75% of values less than 5.351E+007	90% of values less than 5.992E+007
Minimum 0.es less than 6.39099E+007	Maximum 7.51641E+007	
Mean 2.96321E+007	SD 2.67547E+007	Variance 7.15815E+014

Boiler House - Naphthalene

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.000151303	90% of values less than 0.000612706
Minimum 0.0es less than 0.001	Maximum 0.001	
Mean 0.000158939	SD 0.000301922	Variance 9.11568E-008

Boiler House - EC12-EC16 Aromatics

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.136031	90% of values less than 0.177527
Minimum 0.05 less than 0.2035	Maximum 0.2035	
Mean 0.0642999	SD 0.0771124	Variance 0.00594632

Boiler House - EC16-EC21 Aromatics

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.210986	90% of values less than 0.447009
Minimum 0.05 less than 0.65	Maximum 0.65	
Mean 0.130876	SD 0.194366	Variance 0.0377781

Boiler House - EC10-EC12 Aromatics

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0106771	90% of values less than 0.0391062
Minimum 0.05 less than 0.06395	Maximum 0.06395	
Mean 0.0103081	SD 0.0193037	Variance 0.000372631

Boiler House - Naphthalene

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.0139326	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.000000E+000	Maximum 1E+006	
Mean 948052	SD 222033	Variance 4.92987E+010

Retarded Travel Time to Tank Farm 50m years

05% of values less than 0.816955	10% of values less than 4.07404E+007	25% of values less than 4.55929E+007
50% of values less than 5.09504E+007	75% of values less than 5.69839E+007	90% of values less than 6.24083E+007
Minimum 0.000000E+000	Maximum 7.51641E+007	
Mean 4.95003E+007	SD 1.37319E+007	Variance 1.88566E+014

Boiler House - EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.0139326	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 948052	SD 222033	Variance 4.92987E+010

Retarded Travel Time to Tank Farm 50m years

05% of values less than 1.62222	10% of values less than 8.04808E+007	25% of values less than 9.01858E+007
50% of values less than 1.00901E+008	75% of values less than 1.12968E+008	90% of values less than 1.23817E+008
Minimum 0.es less than 1.30107E+008	Maximum 1.49328E+008	
Mean 9.80525E+007	SD 2.72767E+007	Variance 7.44018E+014

Boiler House - EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.0139326	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 948052	SD 222033	Variance 4.92987E+010

Retarded Travel Time to Tank Farm 50m years

05% of values less than 5.16541	10% of values less than 2.55338E+008	25% of values less than 2.86395E+008
50% of values less than 3.20682E+008	75% of values less than 3.59297E+008	90% of values less than 3.94013E+008
Minimum 0.es less than 4.14143E+008	Maximum 4.7565E+008	
Mean 3.11682E+008	SD 8.68746E+007	Variance 7.54719E+015

Boiler House - EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.0139326	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.000000E+000	Maximum 1E+006	
Mean 948052	SD 222033	Variance 4.92987E+010

Retarded Travel Time to Tank Farm 50m years

05% of values less than 0.816955	10% of values less than 4.07404E+007	25% of values less than 4.55929E+007
50% of values less than 5.09504E+007	75% of values less than 5.69839E+007	90% of values less than 6.24083E+007
Minimum 0.000000E+000	Maximum 7.51641E+007	
Mean 4.95003E+007	SD 1.37319E+007	Variance 1.88566E+014

Boiler House - Naphthalene

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.001	Maximum 0.001	
Mean 5.19481E-005	SD 0.000222033	Variance 4.92987E-008

Boiler House - EC12-EC16 Aromatics

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.ies less than 2.84329E-017	Maximum 0.2035	
Mean 0.00973099	SD 0.0433821	Variance 0.00188201

Boiler House - EC16-EC21 Aromatics

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0.65	
Mean 0.0278096	SD 0.129678	Variance 0.0168163

Boiler House - EC10-EC12 Aromatics

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.06395	Maximum 0.06395	
Mean 0.00332208	SD 0.014199	Variance 0.000201612

Boiler House - Naphthalene

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.03429	10% of values less than 2.08906	25% of values less than 2.25867
50% of values less than 2.44981	75% of values less than 2.8263	90% of values less than 3.22633
Minimum 1.89424s than 3.53156	Maximum 4.65689	
Mean 2.58524	SD 0.471601	Variance 0.222408

Retarded Travel Time to DCE Receptor years

05% of values less than 98.7934	10% of values less than 103.356	25% of values less than 112.602
50% of values less than 124.579	75% of values less than 145.985	90% of values less than 186.765
Minimum 83.2973s than 214.779	Maximum 315.654	
Mean 135.73	SD 36.4156	Variance 1326.09

Boiler House - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.03429	10% of values less than 2.08906	25% of values less than 2.25867
50% of values less than 2.44981	75% of values less than 2.8263	90% of values less than 3.22633
Minimum 1.89424s than 3.53156	Maximum 4.65689	
Mean 2.58524	SD 0.471601	Variance 0.222408

Retarded Travel Time to DCE Receptor years

05% of values less than 195.437	10% of values less than 204.331	25% of values less than 223.016
50% of values less than 246.535	75% of values less than 289.225	90% of values less than 370.453
Minimum 164.548s than 426.026	Maximum 626.823	
Mean 268.875	SD 72.4522	Variance 5249.33

Boiler House - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.03429	10% of values less than 2.08906	25% of values less than 2.25867
50% of values less than 2.44981	75% of values less than 2.8263	90% of values less than 3.22633
Minimum 1.89424s than 3.53156	Maximum 4.65689	
Mean 2.58524	SD 0.471601	Variance 0.222408

Retarded Travel Time to DCE Receptor years

05% of values less than 620.894	10% of values less than 648.854	25% of values less than 708.585
50% of values less than 783.438	75% of values less than 918.566	90% of values less than 1178.68
Minimum 522.051s than 1355.51	Maximum 1995.97	
Mean 854.712	SD 231.016	Variance 53368.2

Boiler House - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.03429	10% of values less than 2.08906	25% of values less than 2.25867
50% of values less than 2.44981	75% of values less than 2.8263	90% of values less than 3.22633
Minimum 1.89424s than 3.53156	Maximum 4.65689	
Mean 2.58524	SD 0.471601	Variance 0.222408

Retarded Travel Time to DCE Receptor years

05% of values less than 98.7934	10% of values less than 103.356	25% of values less than 112.602
50% of values less than 124.579	75% of values less than 145.985	90% of values less than 186.765
Minimum 83.2973s than 214.779	Maximum 315.654	
Mean 135.73	SD 36.4156	Variance 1326.09

Boiler House - Naphthalene

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 1.49835E-029	25% of values less than 2.26328E-025
50% of values less than 1.63449E-021	75% of values less than 1.54384E-018	90% of values less than 1.22112E-016
Minimum 0.es less than 1.08386E-015	Maximum 9.59755E-014	
Mean 6.01716E-016	SD 4.94002E-015	Variance 2.44038E-029

Boiler House - EC12-EC16 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.27953E-011	10% of values less than 8.49457E-011	25% of values less than 1.24241E-009
50% of values less than 4.07429E-008	75% of values less than 8.24974E-007	90% of values less than 7.13878E-006
Minimum 7.9836E-015n 1.45031E-005	Maximum 0.000105342	
Mean 2.67115E-006	SD 8.99481E-006	Variance 8.09065E-011

Boiler House - EC16-EC21 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 4.12686E-019	10% of values less than 2.78478E-017	25% of values less than 5.39537E-015
50% of values less than 5.36005E-013	75% of values less than 2.92621E-011	90% of values less than 5.87707E-010
Minimum 1.23222E-024 2.4198E-009	Maximum 4.27985E-008	
Mean 5.93187E-010	SD 2.8489E-009	Variance 8.11622E-018

Boiler House - EC10-EC12 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 4.49E-030	10% of values less than 5.04129E-027	25% of values less than 2.75848E-023
50% of values less than 1.49715E-019	75% of values less than 8.85998E-017	90% of values less than 7.31553E-015
Minimum 0.es less than 3.83053E-014	Maximum 3.92655E-012	
Mean 2.55018E-014	SD 2.15582E-013	Variance 4.64758E-026

Boiler House - Naphthalene

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.12255	10% of values less than 2.17907	25% of values less than 2.35086
50% of values less than 2.54739	75% of values less than 2.94007	90% of values less than 3.35384
Minimum 1.98155s than 3.67316	Maximum 4.82387	
Mean 2.68806	SD 0.488094	Variance 0.238235

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 103.13	10% of values less than 107.517	25% of values less than 117.26
50% of values less than 129.645	75% of values less than 151.75	90% of values less than 193.999
Minimum 86.9135s than 224.465	Maximum 326.894	
Mean 141.13	SD 37.7866	Variance 1427.83

Boiler House - EC12-EC16 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.12255	10% of values less than 2.17907	25% of values less than 2.35086
50% of values less than 2.54739	75% of values less than 2.94007	90% of values less than 3.35384
Minimum 1.98155s than 3.67316	Maximum 4.82387	
Mean 2.68806	SD 0.488094	Variance 0.238235

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 203.898	10% of values less than 212.773	25% of values less than 232.068
50% of values less than 256.612	75% of values less than 300.726	90% of values less than 384.802
Minimum 171.692s than 445.238	Maximum 649.143	
Mean 279.572	SD 75.1814	Variance 5652.25

Boiler House - EC16-EC21 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.12255	10% of values less than 2.17907	25% of values less than 2.35086
50% of values less than 2.54739	75% of values less than 2.94007	90% of values less than 3.35384
Minimum 1.98155s than 3.67316	Maximum 4.82387	
Mean 2.68806	SD 0.488094	Variance 0.238235

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 647.275	10% of values less than 674.804	25% of values less than 737.078
50% of values less than 814.857	75% of values less than 955.309	90% of values less than 1224.33
Minimum 544.715s than 1416.64	Maximum 2067.04	
Mean 888.717	SD 239.721	Variance 57466.1

Boiler House - EC10-EC12 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.12255	10% of values less than 2.17907	25% of values less than 2.35086
50% of values less than 2.54739	75% of values less than 2.94007	90% of values less than 3.35384
Minimum 1.98155s than 3.67316	Maximum 4.82387	
Mean 2.68806	SD 0.488094	Variance 0.238235

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 103.13	10% of values less than 107.517	25% of values less than 117.26
50% of values less than 129.645	75% of values less than 151.75	90% of values less than 193.999
Minimum 86.9135s than 224.465	Maximum 326.894	
Mean 141.13	SD 37.7866	Variance 1427.83

Boiler House - Naphthalene

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 2.84466E-029	10% of values less than 8.30375E-027	25% of values less than 2.76655E-022
50% of values less than 2.1837E-018	75% of values less than 2.06525E-015	90% of values less than 5.51703E-014
Minimum 0.es less than 2.68555E-013	Maximum 7.70979E-011	
Mean 1.74643E-013	SD 2.52793E-012	Variance 6.39042E-024

Boiler House - EC12-EC16 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 9.61054E-007	10% of values less than 4.01323E-006	25% of values less than 2.51706E-005
50% of values less than 0.000137719	75% of values less than 0.000464024	90% of values less than 0.000980789
Minimum 1.40992E-009 0.00151106	Maximum 0.00493919	
Mean 0.000357344	SD 0.00053601	Variance 2.87307E-007

Boiler House - EC16-EC21 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 2.19877E-015	10% of values less than 1.36282E-013	25% of values less than 2.75282E-011
50% of values less than 1.51527E-009	75% of values less than 2.79388E-008	90% of values less than 2.01692E-007
Minimum 1.56021E-023 4.40609E-007	Maximum 1.1643E-005	
Mean 1.11103E-007	SD 5.86245E-007	Variance 3.43683E-013

Boiler House - EC10-EC12 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 5.3566E-027	10% of values less than 9.15094E-024	25% of values less than 5.09068E-020
50% of values less than 1.22318E-016	75% of values less than 1.07149E-013	90% of values less than 4.44213E-012
Minimum 0.es less than 1.7784E-011	Maximum 3.55726E-009	
Mean 9.35529E-012	SD 1.22482E-010	Variance 1.50019E-020

Source Inventory:

EC12-EC16 Aromatics

Aquifer Source Concentration [mg/l] SINGLE(0.12)

EC16-EC21 Aromatics

Aquifer Source Concentration [mg/l] SINGLE(0.365)

EC10-EC12 Aromatics

Aquifer Source Concentration [mg/l] SINGLE(0.02475)

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 0.922173	10% of values less than 0.971443	25% of values less than 1.06869
50% of values less than 1.19199	75% of values less than 1.35855	90% of values less than 1.58134
Minimum 0.852683	Maximum 2.32378	
Mean 1.24227	SD 0.250399	Variance 0.0626998

Retarded Travel Time to VC Main Factory Building Receptor years

05% of values less than 88.8441	10% of values less than 94.8355	25% of values less than 105.802
50% of values less than 120.115	75% of values less than 141.281	90% of values less than 178.52
Minimum 74.8387	Maximum 298.865	
Mean 129.108	SD 36.0411	Variance 1298.96

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 0.922173	10% of values less than 0.971443	25% of values less than 1.06869
50% of values less than 1.19199	75% of values less than 1.35855	90% of values less than 1.58134
Minimum 0.852683	Maximum 2.32378	
Mean 1.24227	SD 0.250399	Variance 0.0626998

Retarded Travel Time to VC Main Factory Building Receptor years

05% of values less than 281.972	10% of values less than 301.015	25% of values less than 336.069
50% of values less than 381.64	75% of values less than 448.756	90% of values less than 568.148
Minimum 237.48	Maximum 951.912	
Mean 410.412	SD 114.886	Variance 13198.7

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 0.922173	10% of values less than 0.971443	25% of values less than 1.06869
50% of values less than 1.19199	75% of values less than 1.35855	90% of values less than 1.58134
Minimum 0.852683 than 1.75869	Maximum 2.32378	
Mean 1.24227	SD 0.250399	Variance 0.0626998

Retarded Travel Time to VC Main Factory Building Receptor years

05% of values less than 44.9219	10% of values less than 47.9325	25% of values less than 53.4543
50% of values less than 60.6242	75% of values less than 71.3131	90% of values less than 89.9675
Minimum 37.8746s than 102.629	Maximum 150.445	
Mean 65.175	SD 18.1222	Variance 328.415

ETP - EC12-EC16 Aromatics

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 1.96125E-019
Minimum 0.es less than 1.21439E-018	Maximum 1.08453E-016	
Mean 5.39873E-019	SD 4.38774E-018	Variance 1.92522E-035

ETP - EC16-EC21 Aromatics

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 2.43173E-022
Minimum 0.es less than 1.31816E-020	Maximum 1.55101E-018	
Mean 9.30167E-021	SD 7.68257E-020	Variance 5.90219E-039

ETP - EC10-EC12 Aromatics

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 2.20082E-027
Minimum 0.es less than 8.62624E-025	Maximum 2.29564E-021	
Mean 5.96763E-024	SD 8.86868E-023	Variance 7.86534E-045

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to Lead MFB [years]

05% of values less than 1.26353	10% of values less than 1.31375	25% of values less than 1.41722
50% of values less than 1.55661	75% of values less than 1.78436	90% of values less than 2.06859
Minimum 1.18774s than 2.27277	Maximum 2.96112	
Mean 1.63696	SD 0.310759	Variance 0.0965713

Retarded Travel Time to Lead MFB years

05% of values less than 120.971	10% of values less than 126.922	25% of values less than 140.309
50% of values less than 157.038	75% of values less than 183.745	90% of values less than 232.959
Minimum 103.212s than 266.628	Maximum 389.428	
Mean 170.168	SD 46.2606	Variance 2140.04

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to Lead MFB [years]

05% of values less than 1.26353	10% of values less than 1.31375	25% of values less than 1.41722
50% of values less than 1.55661	75% of values less than 1.78436	90% of values less than 2.06859
Minimum 1.18774s than 2.27277	Maximum 2.96112	
Mean 1.63696	SD 0.310759	Variance 0.0965713

Retarded Travel Time to Lead MFB years

05% of values less than 384.253	10% of values less than 403.21	25% of values less than 445.722
50% of values less than 499.146	75% of values less than 584.349	90% of values less than 741.257
Minimum 327.515s than 848.832	Maximum 1240.37	
Mean 540.938	SD 147.487	Variance 21752.3

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to Lead MFB [years]

05% of values less than 1.26353	10% of values less than 1.31375	25% of values less than 1.41722
50% of values less than 1.55661	75% of values less than 1.78436	90% of values less than 2.06859
Minimum 1.18774s than 2.27277	Maximum 2.96112	
Mean 1.63696	SD 0.310759	Variance 0.0965713

Retarded Travel Time to Lead MFB years

05% of values less than 61.1802	10% of values less than 64.1964	25% of values less than 70.8796
50% of values less than 79.2856	75% of values less than 92.7338	90% of values less than 117.463
Minimum 52.2338s than 134.309	Maximum 196.033	
Mean 85.9027	SD 23.255	Variance 540.793

ETP - EC12-EC16 Aromatics

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP - EC16-EC21 Aromatics

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP - EC10-EC12 Aromatics

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 0.703942	10% of values less than 0.747955	25% of values less than 0.837764
50% of values less than 0.956962	75% of values less than 1.09466	90% of values less than 1.28429
Minimum 0.638479	Maximum 1.91632	
Mean 0.989943	SD 0.214378	Variance 0.0459581

Retarded Travel Time to Boiler House Receptor years

05% of values less than 68.3083	10% of values less than 73.372	25% of values less than 82.8131
50% of values less than 96.7093	75% of values less than 114.001	90% of values less than 143.026
Minimum 56.6995	Maximum 242.838	
Mean 102.857	SD 29.7482	Variance 884.956

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 0.703942	10% of values less than 0.747955	25% of values less than 0.837764
50% of values less than 0.956962	75% of values less than 1.09466	90% of values less than 1.28429
Minimum 0.638479	Maximum 1.91632	
Mean 0.989943	SD 0.214378	Variance 0.0459581

Retarded Travel Time to Boiler House Receptor years

05% of values less than 216.909	10% of values less than 233.097	25% of values less than 263.026
50% of values less than 307.134	75% of values less than 362.401	90% of values less than 455.295
Minimum 179.921	Maximum 773.504	
Mean 326.966	SD 94.8065	Variance 8988.28

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 0.703942	10% of values less than 0.747955	25% of values less than 0.837764
50% of values less than 0.956962	75% of values less than 1.09466	90% of values less than 1.28429
Minimum 0.638479	Maximum 1.91632	
Mean 0.989943	SD 0.214378	Variance 0.0459581

Retarded Travel Time to Boiler House Receptor years

05% of values less than 34.5305	10% of values less than 37.1024	25% of values less than 41.8484
50% of values less than 48.8351	75% of values less than 57.4881	90% of values less than 72.0556
Minimum 28.6947	Maximum 122.232	
Mean 51.9236	SD 14.9624	Variance 223.874

ETP - EC12-EC16 Aromatics

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0.00116057	10% of values less than 0.00191094	25% of values less than 0.00374066
50% of values less than 0.0075696	75% of values less than 0.0123601	90% of values less than 0.0175469
Minimum 5.01623E-005 0.0200315	Maximum 0.0297213	
Mean 0.00860597	SD 0.00594207	Variance 3.53082E-005

ETP - EC16-EC21 Aromatics

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 1.19457E-006	10% of values less than 6.78469E-006	25% of values less than 4.38271E-005
50% of values less than 0.00019487	75% of values less than 0.000646404	90% of values less than 0.00146529
Minimum 3.34602E-009 0.00249084	Maximum 0.00805167	
Mean 0.00055607	SD 0.000919171	Variance 8.44875E-007

ETP - EC10-EC12 Aromatics

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 6.7362E-012	10% of values less than 8.19594E-011	25% of values less than 3.24719E-009
50% of values less than 6.68281E-008	75% of values less than 9.76351E-007	90% of values less than 5.13886E-006
Minimum 7.21167E-017 1.17704E-005	Maximum 4.92492E-005	
Mean 1.87885E-006	SD 5.00085E-006	Variance 2.50085E-011

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 0.0484939	10% of values less than 0.0724233	25% of values less than 0.147107
50% of values less than 0.265771	75% of values less than 0.354217	90% of values less than 0.432426
Minimum 0.00914863an 0.492732	Maximum 0.737225	
Mean 0.259754	SD 0.138199	Variance 0.0190989

Retarded Travel Time to ETP Receptor years

05% of values less than 5.01085	10% of values less than 7.34329	25% of values less than 15.1932
50% of values less than 26.3066	75% of values less than 36.7734	90% of values less than 45.4181
Minimum 0.914868 than 52.9124	Maximum 88.144	
Mean 26.8937	SD 15.181	Variance 230.463

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 0.0484939	10% of values less than 0.0724233	25% of values less than 0.147107
50% of values less than 0.265771	75% of values less than 0.354217	90% of values less than 0.432426
Minimum 0.00914863an 0.492732	Maximum 0.737225	
Mean 0.259754	SD 0.138199	Variance 0.0190989

Retarded Travel Time to ETP Receptor years

05% of values less than 15.9004	10% of values less than 23.3369	25% of values less than 48.2881
50% of values less than 83.6854	75% of values less than 116.909	90% of values less than 144.308
Minimum 2.90745s than 168.167	Maximum 280.762	
Mean 85.4885	SD 48.2914	Variance 2332.05

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 0.0484939	10% of values less than 0.0724233	25% of values less than 0.147107
50% of values less than 0.265771	75% of values less than 0.354217	90% of values less than 0.432426
Minimum 0.00914863an 0.492732	Maximum 0.737225	
Mean 0.259754	SD 0.138199	Variance 0.0190989

Retarded Travel Time to ETP Receptor years

05% of values less than 2.53596	10% of values less than 3.70838	25% of values less than 7.66528
50% of values less than 13.2678	75% of values less than 18.5801	90% of values less than 22.9432
Minimum 0.462008 than 26.6627	Maximum 44.3671	
Mean 13.5768	SD 7.65598	Variance 58.6141

ETP - EC12-EC16 Aromatics

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 0.0211056	10% of values less than 0.0256638	25% of values less than 0.0369507
50% of values less than 0.0528273	75% of values less than 0.0742746	90% of values less than 0.0930644
Minimum 0.00530841an 0.0983484	Maximum 0.12	
Mean 0.0561746	SD 0.0244316	Variance 0.000596902

ETP - EC16-EC21 Aromatics

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 0.00470886	10% of values less than 0.00763302	25% of values less than 0.0178376
50% of values less than 0.039766	75% of values less than 0.0965566	90% of values less than 0.17309
Minimum 0.00032035an 0.20941	Maximum 0.296838	
Mean 0.0665131	SD 0.0656174	Variance 0.00430565

ETP - EC10-EC12 Aromatics

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 1.05613E-005	10% of values less than 3.4559E-005	25% of values less than 0.000147261
50% of values less than 0.000658294	75% of values less than 0.0029248	90% of values less than 0.00749832
Minimum 5.93711E-008 0.0105525	Maximum 0.02475	
Mean 0.00235771	SD 0.00391538	Variance 1.53302E-005

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 0.000194939	10% of values less than 0.0218574	25% of values less than 0.0744557
50% of values less than 0.178717	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 390609	SD 488131	Variance 2.38272E+011

Retarded Travel Time to Tank Farm Receptor years

05% of values less than 0.018276	10% of values less than 2.14935	25% of values less than 7.77565
50% of values less than 18.2115	75% of values less than 9.72931E+007	90% of values less than 1.14528E+008
Minimum 0.es less than 1.22414E+008	Maximum 1.44585E+008	
Mean 4.08021E+007	SD 5.1887E+007	Variance 2.69226E+015

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 0.000194939	10% of values less than 0.0218574	25% of values less than 0.0744557
50% of values less than 0.178717	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 390609	SD 488131	Variance 2.38272E+011

Retarded Travel Time to Tank Farm Receptor years

05% of values less than 0.0580545	10% of values less than 6.82297	25% of values less than 24.7402
50% of values less than 57.9482	75% of values less than 3.09138E+008	90% of values less than 3.6429E+008
Minimum 0.es less than 3.89524E+008	Maximum 4.60473E+008	
Mean 1.29708E+008	SD 1.64983E+008	Variance 2.72194E+016

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 0.000194939	10% of values less than 0.0218574	25% of values less than 0.0744557
50% of values less than 0.178717	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 390609	SD 488131	Variance 2.38272E+011

Retarded Travel Time to Tank Farm Receptor years

05% of values less than 0.00923549	10% of values less than 1.08716	25% of values less than 3.92007
50% of values less than 9.18039	75% of values less than 4.91466E+007	90% of values less than 5.77641E+007
Minimum 0.es less than 6.17068E+007	Maximum 7.27927E+007	
Mean 2.05964E+007	SD 2.61834E+007	Variance 6.85568E+014

ETP - EC12-EC16 Aromatics

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 7.66808E-011	90% of values less than 6.03902E-006
Minimum 0.es less than 0.12	Maximum 0.12	
Mean 0.00875216	SD 0.0312174	Variance 0.000974523

ETP - EC16-EC21 Aromatics

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 4.01396E-011	90% of values less than 2.73145E-006
Minimum 0.es less than 0.365	Maximum 0.365	
Mean 0.0207856	SD 0.0846248	Variance 0.00716135

ETP - EC10-EC12 Aromatics

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.08454E-011	90% of values less than 2.76955E-006
Minimum 0.es less than 0.02475	Maximum 0.02475	
Mean 0.00237367	SD 0.00729151	Variance 5.31661E-005

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0	10% of values less than 0.0131009	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 756244	SD 429562	Variance 1.84523E+011

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor years

05% of values less than 0	10% of values less than 1.25816	25% of values less than 7.44435E+007
50% of values less than 9.56741E+007	75% of values less than 1.11112E+008	90% of values less than 1.22019E+008
Minimum 0.es less than 1.29617E+008	Maximum 1.47581E+008	
Mean 7.85161E+007	SD 4.66248E+007	Variance 2.17387E+015

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0	10% of values less than 0.0131009	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 756244	SD 429562	Variance 1.84523E+011

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor years

05% of values less than 0	10% of values less than 3.99454	25% of values less than 2.36019E+008
50% of values less than 3.03957E+008	75% of values less than 3.5336E+008	90% of values less than 3.8826E+008
Minimum 0.es less than 4.12573E+008	Maximum 4.70061E+008	
Mean 2.49588E+008	SD 1.48296E+008	Variance 2.19916E+016

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0	10% of values less than 0.0131009	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 756244	SD 429562	Variance 1.84523E+011

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor years

05% of values less than 0	10% of values less than 0.636261	25% of values less than 3.77217E+007
50% of values less than 4.83371E+007	75% of values less than 5.60562E+007	90% of values less than 6.15093E+007
Minimum 0.es less than 6.53083E+007	Maximum 7.42907E+007	
Mean 3.96362E+007	SD 2.35179E+007	Variance 5.53092E+014

ETP - EC12-EC16 Aromatics

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.12	Maximum 0.12	
Mean 0.0111489	SD 0.0348537	Variance 0.00121478

ETP - EC16-EC21 Aromatics

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.365	Maximum 0.365	
Mean 0.0284416	SD 0.0978868	Variance 0.00958182

ETP - EC10-EC12 Aromatics

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.02475
Minimum 0.0es less than 0.02475	Maximum 0.02475	
Mean 0.00274451	SD 0.00777526	Variance 6.04546E-005

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0	10% of values less than 0.0357946	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 871129	SD 335225	Variance 1.12376E+011

Retarded Travel Time to TCE - waste/oil Receptor years

05% of values less than 0	10% of values less than 3.49558	25% of values less than 8.64149E+007
50% of values less than 9.9257E+007	75% of values less than 1.12717E+008	90% of values less than 1.2363E+008
Minimum 0.es less than 1.30177E+008	Maximum 1.49328E+008	
Mean 9.04839E+007	SD 3.76891E+007	Variance 1.42047E+015

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0	10% of values less than 0.0357946	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 871129	SD 335225	Variance 1.12376E+011

Retarded Travel Time to TCE - waste/oil Receptor years

05% of values less than 0	10% of values less than 11.1071	25% of values less than 2.74328E+008
50% of values less than 3.15422E+008	75% of values less than 3.58495E+008	90% of values less than 3.93416E+008
Minimum 0.es less than 4.14367E+008	Maximum 4.7565E+008	
Mean 2.87632E+008	SD 1.19924E+008	Variance 1.43818E+016

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0	10% of values less than 0.0357946	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 871129	SD 335225	Variance 1.12376E+011

Retarded Travel Time to TCE - waste/oil Receptor years

05% of values less than 0	10% of values less than 1.76569	25% of values less than 4.37074E+007
50% of values less than 5.01285E+007	75% of values less than 5.68587E+007	90% of values less than 6.23149E+007
Minimum 0.es less than 6.55887E+007	Maximum 7.51641E+007	
Mean 4.56775E+007	SD 1.89995E+007	Variance 3.60982E+014

ETP - EC12-EC16 Aromatics

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.12	Maximum 0.12	
Mean 0.00827173	SD 0.0304156	Variance 0.00092511

ETP - EC16-EC21 Aromatics

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.365	Maximum 0.365	
Mean 0.0193257	SD 0.0817745	Variance 0.00668707

ETP - EC10-EC12 Aromatics

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.02475	Maximum 0.02475	
Mean 0.00197802	SD 0.0067148	Variance 4.50885E-005

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 1.16083	10% of values less than 1.21106	25% of values less than 1.31421
50% of values less than 1.44656	75% of values less than 1.65406	90% of values less than 1.91782
Minimum 1.08694s than 2.1203	Maximum 2.76938	
Mean 1.51822	SD 0.292225	Variance 0.0853953

Retarded Travel Time to VC MFB 50m years

05% of values less than 111.61	10% of values less than 117.192	25% of values less than 130.282
50% of values less than 146.196	75% of values less than 171.25	90% of values less than 216.372
Minimum 94.6759s than 247.708	Maximum 362.183	
Mean 157.816	SD 43.153	Variance 1862.18

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 1.16083	10% of values less than 1.21106	25% of values less than 1.31421
50% of values less than 1.44656	75% of values less than 1.65406	90% of values less than 1.91782
Minimum 1.08694s than 2.1203	Maximum 2.76938	
Mean 1.51822	SD 0.292225	Variance 0.0853953

Retarded Travel Time to VC MFB 50m years

05% of values less than 354.212	10% of values less than 372.404	25% of values less than 413.72
50% of values less than 464.606	75% of values less than 544.581	90% of values less than 688.778
Minimum 300.429s than 788.598	Maximum 1153.59	
Mean 501.67	SD 137.574	Variance 18926.5

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 1.16083	10% of values less than 1.21106	25% of values less than 1.31421
50% of values less than 1.44656	75% of values less than 1.65406	90% of values less than 1.91782
Minimum 1.08694s than 2.1203	Maximum 2.76938	
Mean 1.51822	SD 0.292225	Variance 0.0853953

Retarded Travel Time to VC MFB 50m years

05% of values less than 56.4435	10% of values less than 59.2087	25% of values less than 65.7713
50% of values less than 73.8374	75% of values less than 86.4042	90% of values less than 109.03
Minimum 47.9139s than 124.778	Maximum 182.318	
Mean 79.6669	SD 21.694	Variance 470.632

ETP - EC12-EC16 Aromatics

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.01129E-019	90% of values less than 4.35718E-018
Minimum 0.es less than 2.16625E-017	Maximum 1.43079E-015	
Mean 7.63009E-018	SD 5.85421E-017	Variance 3.42718E-033

ETP - EC16-EC21 Aromatics

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 3.23976E-023	90% of values less than 9.20097E-021
Minimum 0.es less than 1.01508E-019	Maximum 8.39778E-018	
Mean 5.5785E-020	SD 4.26349E-019	Variance 1.81774E-037

ETP - EC10-EC12 Aromatics

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 8.9268E-030	90% of values less than 5.28723E-025
Minimum 0.es less than 6.03379E-024	Maximum 5.92045E-021	
Mean 1.53549E-023	SD 2.19657E-022	Variance 4.82493E-044

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 0.941005	10% of values less than 0.990423	25% of values less than 1.08808
50% of values less than 1.21191	75% of values less than 1.38122	90% of values less than 1.60756
Minimum 0.871168 than 1.7859	Maximum 2.35894	
Mean 1.26405	SD 0.253622	Variance 0.0643241

Retarded Travel Time to Boiler House 50m years

05% of values less than 90.6143	10% of values less than 96.564	25% of values less than 107.722
50% of values less than 122.212	75% of values less than 143.522	90% of values less than 181.416
Minimum 76.4039s than 207.208	Maximum 303.861	
Mean 131.373	SD 36.5953	Variance 1339.21

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 0.941005	10% of values less than 0.990423	25% of values less than 1.08808
50% of values less than 1.21191	75% of values less than 1.38122	90% of values less than 1.60756
Minimum 0.871168 than 1.7859	Maximum 2.35894	
Mean 1.26405	SD 0.253622	Variance 0.0643241

Retarded Travel Time to Boiler House 50m years

05% of values less than 287.947	10% of values less than 306.699	25% of values less than 342.123
50% of values less than 388.186	75% of values less than 456.036	90% of values less than 577.368
Minimum 242.447s than 659.316	Maximum 967.825	
Mean 417.613	SD 116.653	Variance 13608

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 0.941005	10% of values less than 0.990423	25% of values less than 1.08808
50% of values less than 1.21191	75% of values less than 1.38122	90% of values less than 1.60756
Minimum 0.871168 than 1.7859	Maximum 2.35894	
Mean 1.26405	SD 0.253622	Variance 0.0643241

Retarded Travel Time to Boiler House 50m years

05% of values less than 45.8169	10% of values less than 48.8061	25% of values less than 54.4449
50% of values less than 61.7109	75% of values less than 72.5046	90% of values less than 91.4274
Minimum 38.6668s than 104.377	Maximum 152.96	
Mean 66.3185	SD 18.4005	Variance 338.578

ETP - EC12-EC16 Aromatics

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 0.000345285	10% of values less than 0.000643121	25% of values less than 0.0015608
50% of values less than 0.00350726	75% of values less than 0.0064814	90% of values less than 0.00961372
Minimum 9.47925E-006 0.0109794	Maximum 0.017414	
Mean 0.00439845	SD 0.00349155	Variance 1.21909E-005

ETP - EC16-EC21 Aromatics

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 4.83529E-008	10% of values less than 4.00275E-007	25% of values less than 3.97462E-006
50% of values less than 2.61401E-005	75% of values less than 0.00011169	90% of values less than 0.000324516
Minimum 4.97024E-011 0.000538088	Maximum 0.0022636	
Mean 0.000108002	SD 0.00021133	Variance 4.46603E-008

ETP - EC10-EC12 Aromatics

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 1.92776E-014	10% of values less than 5.45056E-013	25% of values less than 5.15116E-011
50% of values less than 2.21327E-009	75% of values less than 6.24832E-008	90% of values less than 4.31795E-007
Minimum 9.47723E-021 1.16689E-006	Maximum 6.28771E-006	
Mean 1.69959E-007	SD 5.24292E-007	Variance 2.74882E-013

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 1.26353	10% of values less than 1.31375	25% of values less than 1.41722
50% of values less than 1.55661	75% of values less than 1.78436	90% of values less than 2.06859
Minimum 1.18774s than 2.27277	Maximum 2.96112	
Mean 1.63696	SD 0.310759	Variance 0.0965713

Retarded Travel Time to Lead MFB 50m years

05% of values less than 120.971	10% of values less than 126.922	25% of values less than 140.309
50% of values less than 157.038	75% of values less than 183.745	90% of values less than 232.959
Minimum 103.212s than 266.628	Maximum 389.428	
Mean 170.168	SD 46.2606	Variance 2140.04

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 1.26353	10% of values less than 1.31375	25% of values less than 1.41722
50% of values less than 1.55661	75% of values less than 1.78436	90% of values less than 2.06859
Minimum 1.18774s than 2.27277	Maximum 2.96112	
Mean 1.63696	SD 0.310759	Variance 0.0965713

Retarded Travel Time to Lead MFB 50m years

05% of values less than 384.253	10% of values less than 403.21	25% of values less than 445.722
50% of values less than 499.146	75% of values less than 584.349	90% of values less than 741.257
Minimum 327.515s than 848.832	Maximum 1240.37	
Mean 540.938	SD 147.487	Variance 21752.3

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 1.26353	10% of values less than 1.31375	25% of values less than 1.41722
50% of values less than 1.55661	75% of values less than 1.78436	90% of values less than 2.06859
Minimum 1.18774s than 2.27277	Maximum 2.96112	
Mean 1.63696	SD 0.310759	Variance 0.0965713

Retarded Travel Time to Lead MFB 50m years

05% of values less than 61.1802	10% of values less than 64.1964	25% of values less than 70.8796
50% of values less than 79.2856	75% of values less than 92.7338	90% of values less than 117.463
Minimum 52.2338s than 134.309	Maximum 196.033	
Mean 85.9027	SD 23.255	Variance 540.793

ETP - EC12-EC16 Aromatics

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP - EC16-EC21 Aromatics

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP - EC10-EC12 Aromatics

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0.704643	10% of values less than 0.748677	25% of values less than 0.838465
50% of values less than 0.957648	75% of values less than 1.09564	90% of values less than 1.28517
Minimum 0.639167 than 1.40503	Maximum 1.91763	
Mean 0.990754	SD 0.21449	Variance 0.0460058

Retarded Travel Time to BH Lead 50m years

05% of values less than 68.3732	10% of values less than 73.4374	25% of values less than 82.8868
50% of values less than 96.7827	75% of values less than 114.085	90% of values less than 143.138
Minimum 56.7578s than 162.699	Maximum 243.01	
Mean 102.942	SD 29.768	Variance 886.132

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0.704643	10% of values less than 0.748677	25% of values less than 0.838465
50% of values less than 0.957648	75% of values less than 1.09564	90% of values less than 1.28517
Minimum 0.639167 than 1.40503	Maximum 1.91763	
Mean 0.990754	SD 0.21449	Variance 0.0460058

Retarded Travel Time to BH Lead 50m years

05% of values less than 217.116	10% of values less than 233.305	25% of values less than 263.26
50% of values less than 307.353	75% of values less than 362.689	90% of values less than 455.653
Minimum 180.106s than 517.555	Maximum 774.051	
Mean 327.234	SD 94.8696	Variance 9000.23

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0.704643	10% of values less than 0.748677	25% of values less than 0.838465
50% of values less than 0.957648	75% of values less than 1.09564	90% of values less than 1.28517
Minimum 0.639167 than 1.40503	Maximum 1.91763	
Mean 0.990754	SD 0.21449	Variance 0.0460058

Retarded Travel Time to BH Lead 50m years

05% of values less than 34.568	10% of values less than 37.1388	25% of values less than 41.8879
50% of values less than 48.8811	75% of values less than 57.5313	90% of values less than 72.1124
Minimum 28.7242s than 82.0504	Maximum 122.319	
Mean 51.9662	SD 14.9724	Variance 224.171

ETP - EC12-EC16 Aromatics

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 0.00107998	10% of values less than 0.00175909	25% of values less than 0.00366947
50% of values less than 0.00710993	75% of values less than 0.0119807	90% of values less than 0.016931
Minimum 5.72151E-005 0.0191098	Maximum 0.0289791	
Mean 0.00833033	SD 0.00577989	Variance 3.34071E-005

ETP - EC16-EC21 Aromatics

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 1.15006E-006	10% of values less than 6.18033E-006	25% of values less than 4.14998E-005
50% of values less than 0.000186323	75% of values less than 0.000623176	90% of values less than 0.00148586
Minimum 3.96209E-009 0.00233826	Maximum 0.00803706	
Mean 0.000534312	SD 0.000883222	Variance 7.80082E-007

ETP - EC10-EC12 Aromatics

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 6.07537E-012	10% of values less than 7.65994E-011	25% of values less than 3.17899E-009
50% of values less than 6.33568E-008	75% of values less than 9.19248E-007	90% of values less than 4.8638E-006
Minimum 5.7599E-017n 1.09576E-005	Maximum 4.90452E-005	
Mean 1.78068E-006	SD 4.76405E-006	Variance 2.26962E-011

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.463241	10% of values less than 0.502625	25% of values less than 0.582113
50% of values less than 0.699539	75% of values less than 0.815269	90% of values less than 0.957693
Minimum 0.406479	Maximum 1.47501	
Mean 0.716651	SD 0.179299	Variance 0.032148

Retarded Travel Time to Lead Boiler House Receptor years

05% of values less than 45.7235	10% of values less than 49.5804	25% of values less than 58.0293
50% of values less than 70.8565	75% of values less than 84.4255	90% of values less than 104.563
Minimum 37.0533s	Maximum 184.94	
Mean 74.426	SD 23.3535	Variance 545.388

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.463241	10% of values less than 0.502625	25% of values less than 0.582113
50% of values less than 0.699539	75% of values less than 0.815269	90% of values less than 0.957693
Minimum 0.406479	Maximum 1.47501	
Mean 0.716651	SD 0.179299	Variance 0.032148

Retarded Travel Time to Lead Boiler House Receptor years

05% of values less than 145.239	10% of values less than 157.483	25% of values less than 184.362
50% of values less than 225.197	75% of values less than 268.53	90% of values less than 332.533
Minimum 117.579s	Maximum 589.083	
Mean 236.587	SD 74.3969	Variance 5534.89

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.463241	10% of values less than 0.502625	25% of values less than 0.582113
50% of values less than 0.699539	75% of values less than 0.815269	90% of values less than 0.957693
Minimum 0.406479	Maximum 1.47501	
Mean 0.716651	SD 0.179299	Variance 0.032148

Retarded Travel Time to Lead Boiler House Receptor years

05% of values less than 23.1062	10% of values less than 25.0366	25% of values less than 29.3131
50% of values less than 35.8273	75% of values less than 42.5837	90% of values less than 52.8865
Minimum 18.7521	Maximum 93.0891	
Mean 37.5713	SD 11.753	Variance 138.132

ETP - EC12-EC16 Aromatics

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0.00366949	10% of values less than 0.00515489	25% of values less than 0.00902756
50% of values less than 0.0156306	75% of values less than 0.0230989	90% of values less than 0.0315107
Minimum 0.0003068441 0.0350054	Maximum 0.0495733	
Mean 0.0168957	SD 0.00985684	Variance 9.71573E-005

ETP - EC16-EC21 Aromatics

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 3.29069E-005	10% of values less than 0.000100936	25% of values less than 0.000452048
50% of values less than 0.00142392	75% of values less than 0.00386774	90% of values less than 0.00769042
Minimum 2.69899E-007 0.011574	Maximum 0.028747	
Mean 0.00300678	SD 0.00406883	Variance 1.65553E-005

ETP - EC10-EC12 Aromatics

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 1.43433E-009	10% of values less than 1.13527E-008	25% of values less than 1.98215E-007
50% of values less than 2.10983E-006	75% of values less than 1.58853E-005	90% of values less than 6.8001E-005
Minimum 1.51109E-013 0.000121034	Maximum 0.000386288	
Mean 2.20713E-005	SD 4.95374E-005	Variance 2.45396E-009

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 1.02915	10% of values less than 1.07926	25% of values less than 1.18005
50% of values less than 1.30618	75% of values less than 1.4911	90% of values less than 1.73269
Minimum 0.957683	Maximum 2.52351	
Mean 1.36596	SD 0.268897	Variance 0.0723058

Retarded Travel Time to Lead MFB core and store Receptor years

05% of values less than 99.2205	10% of values less than 104.926	25% of values less than 116.594
50% of values less than 131.618	75% of values less than 154.459	90% of values less than 195.118
Minimum 83.7302s	Maximum 327.245	
Mean 141.975	SD 39.2064	Variance 1537.14

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 1.02915	10% of values less than 1.07926	25% of values less than 1.18005
50% of values less than 1.30618	75% of values less than 1.4911	90% of values less than 1.73269
Minimum 0.957683 than 1.91498	Maximum 2.52351	
Mean 1.36596	SD 0.268897	Variance 0.0723058

Retarded Travel Time to Lead MFB core and store Receptor years

05% of values less than 314.887	10% of values less than 333.062	25% of values less than 370.132
50% of values less than 418.285	75% of values less than 491.559	90% of values less than 620.934
Minimum 265.695s than 711.36	Maximum 1042.31	
Mean 451.316	SD 124.984	Variance 15620.9

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 1.02915	10% of values less than 1.07926	25% of values less than 1.18005
50% of values less than 1.30618	75% of values less than 1.4911	90% of values less than 1.73269
Minimum 0.957683 than 1.91498	Maximum 2.52351	
Mean 1.36596	SD 0.268897	Variance 0.0723058

Retarded Travel Time to Lead MFB core and store Receptor years

05% of values less than 50.2054	10% of values less than 53.0652	25% of values less than 58.9313
50% of values less than 66.4325	75% of values less than 78.0009	90% of values less than 98.3567
Minimum 42.3745s than 112.557	Maximum 164.731	
Mean 71.6706	SD 19.7118	Variance 388.556

ETP - EC12-EC16 Aromatics

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP - EC16-EC21 Aromatics

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP - EC10-EC12 Aromatics

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 0	10% of values less than 0.01946	25% of values less than 0.0886424
50% of values less than 0.181696	75% of values less than 0.343383	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 230769	SD 421536	Variance 1.77692E+011

Retarded Travel Time to TCE waste oil 50m years

05% of values less than 0	10% of values less than 1.87652	25% of values less than 8.86105
50% of values less than 18.4294	75% of values less than 37.4229	90% of values less than 1.06348E+008
Minimum 0.es less than 1.15595E+008	Maximum 1.44585E+008	
Mean 2.41207E+007	SD 4.46595E+007	Variance 1.99447E+015

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 0	10% of values less than 0.01946	25% of values less than 0.0886424
50% of values less than 0.181696	75% of values less than 0.343383	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 230769	SD 421536	Variance 1.77692E+011

Retarded Travel Time to TCE waste oil 50m years

05% of values less than 0	10% of values less than 5.96118	25% of values less than 28.1339
50% of values less than 58.5959	75% of values less than 118.992	90% of values less than 3.38114E+008
Minimum 0.es less than 3.67705E+008	Maximum 4.60473E+008	
Mean 7.66786E+007	SD 1.41995E+008	Variance 2.01627E+016

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 0	10% of values less than 0.01946	25% of values less than 0.0886424
50% of values less than 0.181696	75% of values less than 0.343383	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 230769	SD 421536	Variance 1.77692E+011

Retarded Travel Time to TCE waste oil 50m years

05% of values less than 0	10% of values less than 0.948185	25% of values less than 4.48086
50% of values less than 9.29818	75% of values less than 18.8843	90% of values less than 5.3674E+007
Minimum 0.es less than 5.82976E+007	Maximum 7.27927E+007	
Mean 1.21757E+007	SD 2.25377E+007	Variance 5.07948E+014

ETP - EC12-EC16 Aromatics

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.12	Maximum 0.12	
Mean 0.00983017	SD 0.0329252	Variance 0.00108407

ETP - EC16-EC21 Aromatics

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.365	Maximum 0.365	
Mean 0.0255245	SD 0.0931322	Variance 0.0086736

ETP - EC10-EC12 Aromatics

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.02475
Minimum 0.es less than 0.02475	Maximum 0.02475	
Mean 0.0025467	SD 0.00752341	Variance 5.66018E-005

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 0	10% of values less than 0.0272221	25% of values less than 0.0947328
50% of values less than 0.195336	75% of values less than 0.301014	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 139860	SD 347015	Variance 1.2042E+011

Retarded Travel Time to TF Lagoon CHC 50 m years

05% of values less than 0	10% of values less than 2.65205	25% of values less than 9.96591
50% of values less than 20.0525	75% of values less than 30.9258	90% of values less than 9.56986E+007
Minimum 0.es less than 1.10183E+008	Maximum 1.44585E+008	
Mean 1.46811E+007	SD 3.68589E+007	Variance 1.35858E+015

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 0	10% of values less than 0.0272221	25% of values less than 0.0947328
50% of values less than 0.195336	75% of values less than 0.301014	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 139860	SD 347015	Variance 1.2042E+011

Retarded Travel Time to TF Lagoon CHC 50 m years

05% of values less than 0	10% of values less than 8.42669	25% of values less than 31.6571
50% of values less than 63.7127	75% of values less than 98.4762	90% of values less than 3.04035E+008
Minimum 0.es less than 3.50386E+008	Maximum 4.60473E+008	
Mean 4.66719E+007	SD 1.17194E+008	Variance 1.37344E+016

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 0	10% of values less than 0.0272221	25% of values less than 0.0947328
50% of values less than 0.195336	75% of values less than 0.301014	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 139860	SD 347015	Variance 1.2042E+011

Retarded Travel Time to TF Lagoon CHC 50 m years

05% of values less than 0	10% of values less than 1.33964	25% of values less than 5.03611
50% of values less than 10.1343	75% of values less than 15.6117	90% of values less than 4.83493E+007
Minimum 0.es less than 5.55916E+007	Maximum 7.27927E+007	
Mean 7.41049E+006	SD 1.86009E+007	Variance 3.45994E+014

ETP - EC12-EC16 Aromatics

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.12	Maximum 0.12	
Mean 0.00815185	SD 0.0302106	Variance 0.000912681

ETP - EC16-EC21 Aromatics

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.365	Maximum 0.365	
Mean 0.0215135	SD 0.0860057	Variance 0.00739698

ETP - EC10-EC12 Aromatics

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.02475	Maximum 0.02475	
Mean 0.00210165	SD 0.00690264	Variance 4.76465E-005

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0.303775	10% of values less than 0.338269	25% of values less than 0.411124
50% of values less than 0.529552	75% of values less than 0.628348	90% of values less than 0.740084
Minimum 0.249457 than 0.819876	Maximum 1.17984	
Mean 0.533857	SD 0.159435	Variance 0.0254197

Retarded Travel Time to ETP 50m years

05% of values less than 30.1781	10% of values less than 32.8626	25% of values less than 41.2983
50% of values less than 53.4179	75% of values less than 65.0761	90% of values less than 79.3482
Minimum 23.125ss than 91.4873	Maximum 146.214	
Mean 55.4094	SD 19.5303	Variance 381.431

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0.303775	10% of values less than 0.338269	25% of values less than 0.411124
50% of values less than 0.529552	75% of values less than 0.628348	90% of values less than 0.740084
Minimum 0.249457 than 0.819876	Maximum 1.17984	
Mean 0.533857	SD 0.159435	Variance 0.0254197

Retarded Travel Time to ETP 50m years

05% of values less than 95.8581	10% of values less than 104.468	25% of values less than 131.123
50% of values less than 169.505	75% of values less than 206.729	90% of values less than 252.376
Minimum 73.4396s than 291.06	Maximum 465.73	
Mean 176.136	SD 62.1888	Variance 3867.44

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0.303775	10% of values less than 0.338269	25% of values less than 0.411124
50% of values less than 0.529552	75% of values less than 0.628348	90% of values less than 0.740084
Minimum 0.249457 than 0.819876	Maximum 1.17984	
Mean 0.533857	SD 0.159435	Variance 0.0254197

Retarded Travel Time to ETP 50m years

05% of values less than 15.2623	10% of values less than 16.5886	25% of values less than 20.8653
50% of values less than 26.9503	75% of values less than 32.8824	90% of values less than 40.037
Minimum 11.6899s than 46.1298	Maximum 73.5965	
Mean 27.9716	SD 9.83527	Variance 96.7326

ETP - EC12-EC16 Aromatics

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 0.00812795	10% of values less than 0.0104788	25% of values less than 0.0158175
50% of values less than 0.0251063	75% of values less than 0.0362172	90% of values less than 0.0467857
Minimum 0.00102599an 0.0524755	Maximum 0.0689749	
Mean 0.0269594	SD 0.0138352	Variance 0.000191412

ETP - EC16-EC21 Aromatics

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 0.000249274	10% of values less than 0.000613396	25% of values less than 0.0020769
50% of values less than 0.00529425	75% of values less than 0.0134622	90% of values less than 0.0253768
Minimum 5.06313E-006 0.0341556	Maximum 0.0716526	
Mean 0.00983896	SD 0.0115222	Variance 0.000132761

ETP - EC10-EC12 Aromatics

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 4.99138E-008	10% of values less than 3.54253E-007	25% of values less than 2.88402E-006
50% of values less than 2.22615E-005	75% of values less than 0.000116717	90% of values less than 0.000403855
Minimum 2.5364E-011n 0.000673764	Maximum 0.00163693	
Mean 0.000125642	SD 0.000245125	Variance 6.00862E-008

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.0754987	10% of values less than 0.101337	25% of values less than 0.173141
50% of values less than 0.292862	75% of values less than 0.383651	90% of values less than 0.459781
Minimum 0.03526131	Maximum 0.782882	
Mean 0.288029	SD 0.139792	Variance 0.0195417

Retarded Travel Time to Tank Farm 50m years

05% of values less than 7.9434	10% of values less than 9.88957	25% of values less than 17.9358
50% of values less than 29.3223	75% of values less than 39.7926	90% of values less than 48.3818
Minimum 3.38373	Maximum 94.1341	
Mean 29.8352	SD 15.5168	Variance 240.77

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.0754987	10% of values less than 0.101337	25% of values less than 0.173141
50% of values less than 0.292862	75% of values less than 0.383651	90% of values less than 0.459781
Minimum 0.03526131	Maximum 0.782882	
Mean 0.288029	SD 0.139792	Variance 0.0195417

Retarded Travel Time to Tank Farm 50m years

05% of values less than 25.2793	10% of values less than 31.3888	25% of values less than 57.0236
50% of values less than 93.1964	75% of values less than 126.374	90% of values less than 153.96
Minimum 10.7459	Maximum 299.842	
Mean 94.8391	SD 49.3648	Variance 2436.88

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.0754987	10% of values less than 0.101337	25% of values less than 0.173141
50% of values less than 0.292862	75% of values less than 0.383651	90% of values less than 0.459781
Minimum 0.03526131	Maximum 0.782882	
Mean 0.288029	SD 0.139792	Variance 0.0195417

Retarded Travel Time to Tank Farm 50m years

05% of values less than 4.00342	10% of values less than 5.00338	25% of values less than 9.05222
50% of values less than 14.8079	75% of values less than 20.1151	90% of values less than 24.4122
Minimum 1.71051	Maximum 47.3823	
Mean 15.0616	SD 7.82409	Variance 61.2163

ETP - EC12-EC16 Aromatics

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 9.30113E-016
50% of values less than 3.26998E-010	75% of values less than 3.01608E-007	90% of values less than 1.27514E-005
Minimum 0.es less than 5.54354E-005	Maximum 0.000639806	
Mean 1.06847E-005	SD 4.69758E-005	Variance 2.20673E-009

ETP - EC16-EC21 Aromatics

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 9.62655E-016
50% of values less than 2.07175E-010	75% of values less than 1.37938E-007	90% of values less than 6.60374E-006
Minimum 0.es less than 2.54537E-005	Maximum 0.000404424	
Mean 5.84297E-006	SD 2.79575E-005	Variance 7.81622E-010

ETP - EC10-EC12 Aromatics

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 1.0103E-017
50% of values less than 1.54089E-012	75% of values less than 8.87446E-010	90% of values less than 5.087E-008
Minimum 0.es less than 2.61562E-007	Maximum 6.30235E-006	
Mean 6.08012E-008	SD 3.51596E-007	Variance 1.2362E-013

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.60465	10% of values less than 2.655	25% of values less than 2.78952
50% of values less than 2.96436	75% of values less than 3.48598	90% of values less than 3.98817
Minimum 2.5019ss than 4.31693	Maximum 5.4609	
Mean 3.18502	SD 0.565615	Variance 0.319921

Retarded Travel Time to DCE Receptor years

05% of values less than 243.496	10% of values less than 253.85	25% of values less than 275.274
50% of values less than 304.101	75% of values less than 350.906	90% of values less than 455.746
Minimum 214.497s than 527.473	Maximum 744.638	
Mean 331.217	SD 87.8498	Variance 7717.59

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.60465	10% of values less than 2.655	25% of values less than 2.78952
50% of values less than 2.96436	75% of values less than 3.48598	90% of values less than 3.98817
Minimum 2.5019ss than 4.31693	Maximum 5.4609	
Mean 3.18502	SD 0.565615	Variance 0.319921

Retarded Travel Time to DCE Receptor years

05% of values less than 773.333	10% of values less than 806.362	25% of values less than 874.134
50% of values less than 966.268	75% of values less than 1115.98	90% of values less than 1451.24
Minimum 680.649s than 1677.91	Maximum 2371.74	
Mean 1052.89	SD 280.133	Variance 78474.7

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.60465	10% of values less than 2.655	25% of values less than 2.78952
50% of values less than 2.96436	75% of values less than 3.48598	90% of values less than 3.98817
Minimum 2.5019ss than 4.31693	Maximum 5.4609	
Mean 3.18502	SD 0.565615	Variance 0.319921

Retarded Travel Time to DCE Receptor years

05% of values less than 123.204	10% of values less than 128.279	25% of values less than 139.285
50% of values less than 153.756	75% of values less than 177.028	90% of values less than 229.497
Minimum 108.554s than 266.011	Maximum 374.842	
Mean 167.201	SD 44.1496	Variance 1949.19

ETP - EC12-EC16 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.9897E-012	10% of values less than 1.08365E-011	25% of values less than 1.18447E-010
50% of values less than 1.11657E-009	75% of values less than 7.5462E-009	90% of values less than 2.83965E-008
Minimum 2.49023E-015 5.86836E-008	Maximum 6.82842E-007	
Mean 1.3654E-008	SD 4.57253E-008	Variance 2.09081E-015

ETP - EC16-EC21 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 3.81007E-023	10% of values less than 2.26825E-020	25% of values less than 1.12201E-017
50% of values less than 9.50642E-016	75% of values less than 3.51035E-014	90% of values less than 6.06322E-013
Minimum 9.18549E-030 2.0769E-012	Maximum 6.46023E-011	
Mean 7.50881E-013	SD 4.41146E-012	Variance 1.9461E-023

ETP - EC10-EC12 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 4.5923E-028
50% of values less than 7.03995E-024	75% of values less than 2.07748E-020	90% of values less than 1.17507E-018
Minimum 0.es less than 8.25174E-018	Maximum 4.28381E-016	
Mean 3.22445E-018	SD 2.24273E-017	Variance 5.02985E-034

ETP - EC12-EC16 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.69273	10% of values less than 2.74384	25% of values less than 2.87795
50% of values less than 3.0586	75% of values less than 3.59491	90% of values less than 4.11729
Minimum 2.58919s than 4.45772	Maximum 5.62694	
Mean 3.28785	SD 0.582979	Variance 0.339864

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 251.518	10% of values less than 262.08	25% of values less than 284.273
50% of values less than 313.903	75% of values less than 362.105	90% of values less than 470.479
Minimum 221.889s than 545.549	Maximum 768.232	
Mean 341.915	SD 90.6459	Variance 8216.68

ETP - EC16-EC21 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.69273	10% of values less than 2.74384	25% of values less than 2.87795
50% of values less than 3.0586	75% of values less than 3.59491	90% of values less than 4.11729
Minimum 2.58919s than 4.45772	Maximum 5.62694	
Mean 3.28785	SD 0.582979	Variance 0.339864

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 798.192	10% of values less than 832.507	25% of values less than 903.972
50% of values less than 998.125	75% of values less than 1151.59	90% of values less than 1498.15
Minimum 704.105s than 1735.41	Maximum 2446.89	
Mean 1086.89	SD 289.051	Variance 83550.4

ETP - EC10-EC12 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.69273	10% of values less than 2.74384	25% of values less than 2.87795
50% of values less than 3.0586	75% of values less than 3.59491	90% of values less than 4.11729
Minimum 2.58919s than 4.45772	Maximum 5.62694	
Mean 3.28785	SD 0.582979	Variance 0.339864

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 127.22	10% of values less than 132.438	25% of values less than 143.884
50% of values less than 158.67	75% of values less than 182.831	90% of values less than 236.916
Minimum 112.294s than 275.127	Maximum 386.718	
Mean 172.601	SD 45.5545	Variance 2075.21

ETP - EC12-EC16 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 2.99792E-008	10% of values less than 1.8057E-007	25% of values less than 1.59967E-006
50% of values less than 1.05771E-005	75% of values less than 4.89472E-005	90% of values less than 0.000107032
Minimum 1.36807E-011 0.000158375	Maximum 0.000508087	
Mean 3.74443E-005	SD 5.95478E-005	Variance 3.54594E-009

ETP - EC16-EC21 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 2.44435E-019	10% of values less than 5.4722E-017	25% of values less than 5.8101E-014
50% of values less than 6.53501E-012	75% of values less than 2.02853E-010	90% of values less than 2.46271E-009
Minimum 3.8377E-026n 8.03253E-009	Maximum 1.3249E-007	
Mean 1.49639E-009	SD 6.62242E-009	Variance 4.38564E-017

ETP - EC10-EC12 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 3.03425E-029	25% of values less than 1.21357E-024
50% of values less than 1.34634E-020	75% of values less than 9.07902E-017	90% of values less than 5.18721E-015
Minimum 0.es less than 2.71802E-014	Maximum 1.08322E-012	
Mean 1.00667E-014	SD 6.37111E-014	Variance 4.0591E-027

Source Inventory:

EC12-EC16 Aromatics

Aquifer Source Concentration [mg/l] SINGLE(0.1765)

EC16-EC21 Aromatics

Aquifer Source Concentration [mg/l] SINGLE(0.1325)

EC10-EC12 Aromatics

Aquifer Source Concentration [mg/l] SINGLE(0.06715)

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 1.1459	10% of values less than 1.20099	25% of values less than 1.29413
50% of values less than 1.43365	75% of values less than 1.6352	90% of values less than 1.91668
Minimum 1.05803s than 2.05856	Maximum 2.62056	
Mean 1.49936	SD 0.283697	Variance 0.080484

Retarded Travel Time to VC Main Factory Building Receptor years

05% of values less than 110.957	10% of values less than 117.851	25% of values less than 128.351
50% of values less than 143.517	75% of values less than 168.854	90% of values less than 216.609
Minimum 87.055ss than 256.002	Maximum 364.209	
Mean 155.982	SD 42.9442	Variance 1844.2

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 1.1459	10% of values less than 1.20099	25% of values less than 1.29413
50% of values less than 1.43365	75% of values less than 1.6352	90% of values less than 1.91668
Minimum 1.05803s than 2.05856	Maximum 2.62056	
Mean 1.49936	SD 0.283697	Variance 0.080484

Retarded Travel Time to VC Main Factory Building Receptor years

05% of values less than 351.975	10% of values less than 374.403	25% of values less than 407.773
50% of values less than 455.245	75% of values less than 537.327	90% of values less than 689.744
Minimum 276.231s than 814.679	Maximum 1159.7	
Mean 495.845	SD 136.917	Variance 18746.3

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 1.1459	10% of values less than 1.20099	25% of values less than 1.29413
50% of values less than 1.43365	75% of values less than 1.6352	90% of values less than 1.91668
Minimum 1.05803s than 2.05856	Maximum 2.62056	
Mean 1.49936	SD 0.283697	Variance 0.080484

Retarded Travel Time to VC Main Factory Building Receptor years

05% of values less than 56.0793	10% of values less than 59.5358	25% of values less than 64.8454
50% of values less than 72.4534	75% of values less than 85.1097	90% of values less than 109.079
Minimum 44.0605s than 129.136	Maximum 183.415	
Mean 78.7408	SD 21.587	Variance 465.999

Tank Farm - EC12-EC16 Aromatics

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 3.74875E-012	10% of values less than 1.04979E-011	25% of values less than 7.86119E-011
50% of values less than 1.55765E-009	75% of values less than 2.14004E-008	90% of values less than 1.4688E-007
Minimum 3.06465E-014 3.73779E-007	Maximum 2.16664E-006	
Mean 6.33007E-008	SD 2.00805E-007	Variance 4.03227E-014

Tank Farm - EC16-EC21 Aromatics

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 1.89826E-016	10% of values less than 1.71078E-015	25% of values less than 3.05671E-014
50% of values less than 6.7393E-013	75% of values less than 1.66799E-011	90% of values less than 1.35451E-010
Minimum 3.8348E-020n 4.3061E-010	Maximum 1.49983E-008	
Mean 1.21665E-010	SD 7.16008E-010	Variance 5.12667E-019

Tank Farm - EC10-EC12 Aromatics

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 1.21737E-022	10% of values less than 5.65068E-021	25% of values less than 1.07111E-018
50% of values less than 1.60586E-016	75% of values less than 1.29463E-014	90% of values less than 2.70689E-013
Minimum 0.es less than 1.37567E-012	Maximum 1.09189E-010	
Mean 6.99431E-013	SD 5.32574E-012	Variance 2.83635E-023

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to Lead MFB [years]

05% of values less than 1.48747	10% of values less than 1.5461	25% of values less than 1.64803
50% of values less than 1.79156	75% of values less than 2.06268	90% of values less than 2.41879
Minimum 1.39235s than 2.59718	Maximum 3.22444	
Mean 1.89405	SD 0.34569	Variance 0.119502

Retarded Travel Time to Lead MFB years

05% of values less than 143.059	10% of values less than 150.37	25% of values less than 162.532
50% of values less than 181.076	75% of values less than 210.961	90% of values less than 272.058
Minimum 114.911s than 321.739	Maximum 447.933	
Mean 197.043	SD 53.3205	Variance 2843.07

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to Lead MFB [years]

05% of values less than 1.48747	10% of values less than 1.5461	25% of values less than 1.64803
50% of values less than 1.79156	75% of values less than 2.06268	90% of values less than 2.41879
Minimum 1.39235s than 2.59718	Maximum 3.22444	
Mean 1.89405	SD 0.34569	Variance 0.119502

Retarded Travel Time to Lead MFB years

05% of values less than 454.474	10% of values less than 477.853	25% of values less than 516.368
50% of values less than 575.604	75% of values less than 671.227	90% of values less than 866.306
Minimum 364.619s than 1023.86	Maximum 1426.3	
Mean 626.371	SD 170.016	Variance 28905.3

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to Lead MFB [years]

05% of values less than 1.48747	10% of values less than 1.5461	25% of values less than 1.64803
50% of values less than 1.79156	75% of values less than 2.06268	90% of values less than 2.41879
Minimum 1.39235s than 2.59718	Maximum 3.22444	
Mean 1.89405	SD 0.34569	Variance 0.119502

Retarded Travel Time to Lead MFB years

05% of values less than 72.2967	10% of values less than 76.0129	25% of values less than 82.0752
50% of values less than 91.4916	75% of values less than 106.542	90% of values less than 137.001
Minimum 58.1588s than 162.118	Maximum 225.578	
Mean 99.4685	SD 26.7992	Variance 718.196

Tank Farm - EC12-EC16 Aromatics

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.4962E-019	75% of values less than 1.38491E-017	90% of values less than 2.44128E-016
Minimum 0.es less than 8.999E-016	Maximum 1.81619E-014	
Mean 2.23124E-016	SD 1.12488E-015	Variance 1.26535E-030

Tank Farm - EC16-EC21 Aromatics

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 6.04475E-024	75% of values less than 1.79345E-021	90% of values less than 3.24122E-020
Minimum 0.es less than 2.00117E-019	Maximum 2.01335E-017	
Mean 9.67509E-020	SD 8.03295E-019	Variance 6.45283E-037

Tank Farm - EC10-EC12 Aromatics

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 3.18703E-030	75% of values less than 1.02484E-025	90% of values less than 1.04576E-023
Minimum 0.es less than 1.3724E-022	Maximum 4.94859E-020	
Mean 2.16123E-022	SD 2.29879E-021	Variance 5.28446E-042

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 0.926169	10% of values less than 0.976412	25% of values less than 1.07277
50% of values less than 1.19965	75% of values less than 1.37034	90% of values less than 1.59559
Minimum 0.844287 than 1.73317	Maximum 2.23543	
Mean 1.24703	SD 0.245871	Variance 0.0604524

Retarded Travel Time to Boiler House Receptor years

05% of values less than 90.4018	10% of values less than 96.1035	25% of values less than 105.993
50% of values less than 120.044	75% of values less than 141.05	90% of values less than 181.161
Minimum 69.2466s than 213.45	Maximum 310.684	
Mean 129.732	SD 36.4598	Variance 1329.32

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 0.926169	10% of values less than 0.976412	25% of values less than 1.07277
50% of values less than 1.19965	75% of values less than 1.37034	90% of values less than 1.59559
Minimum 0.844287	Maximum 2.23543	
Mean 1.24703	SD 0.245871	Variance 0.0604524

Retarded Travel Time to Boiler House Receptor years

05% of values less than 287.078	10% of values less than 305.078	25% of values less than 336.888
50% of values less than 381.359	75% of values less than 448.583	90% of values less than 576.866
Minimum 219.724s	Maximum 989.27	
Mean 412.398	SD 116.23	Variance 13509.5

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 0.926169	10% of values less than 0.976412	25% of values less than 1.07277
50% of values less than 1.19965	75% of values less than 1.37034	90% of values less than 1.59559
Minimum 0.844287	Maximum 2.23543	
Mean 1.24703	SD 0.245871	Variance 0.0604524

Retarded Travel Time to Boiler House Receptor years

05% of values less than 45.7027	10% of values less than 48.5747	25% of values less than 53.5762
50% of values less than 60.6096	75% of values less than 71.1447	90% of values less than 91.2278
Minimum 35.0472s	Maximum 156.46	
Mean 65.4894	SD 18.3304	Variance 336.003

Tank Farm - EC12-EC16 Aromatics

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 1.4478E-007	10% of values less than 3.08515E-007	25% of values less than 1.55736E-006
50% of values less than 1.11049E-005	75% of values less than 5.76653E-005	90% of values less than 0.000190385
Minimum 1.06367E-008 0.000331024	Maximum 0.00112116	
Mean 6.31827E-005	SD 0.000128527	Variance 1.65192E-008

Tank Farm - EC16-EC21 Aromatics

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 2.15891E-011	10% of values less than 1.02932E-010	25% of values less than 1.36034E-009
50% of values less than 1.9815E-008	75% of values less than 1.50465E-007	90% of values less than 8.78706E-007
Minimum 1.59787E-014 1.79576E-006	Maximum 1.53413E-005	
Mean 3.68172E-007	SD 1.18934E-006	Variance 1.41453E-012

Tank Farm - EC10-EC12 Aromatics

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 1.06739E-016	10% of values less than 3.30766E-015	25% of values less than 2.71592E-013
50% of values less than 1.51524E-011	75% of values less than 4.63865E-010	90% of values less than 5.26433E-009
Minimum 1.31524E-023 1.71486E-008	Maximum 2.23157E-007	
Mean 3.6739E-009	SD 1.68933E-008	Variance 2.85382E-016

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 0.284711	10% of values less than 0.324942	25% of values less than 0.412014
50% of values less than 0.50838	75% of values less than 0.606658	90% of values less than 0.723867
Minimum 0.216867 than 0.790875	Maximum 1.12533	
Mean 0.516844	SD 0.155154	Variance 0.0240728

Retarded Travel Time to ETP Receptor years

05% of values less than 28.1219	10% of values less than 31.7517	25% of values less than 40.7175
50% of values less than 50.8977	75% of values less than 62.7026	90% of values less than 76.7905
Minimum 17.7126s than 94.158	Maximum 155.792	
Mean 53.7683	SD 19.5678	Variance 382.901

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 0.284711	10% of values less than 0.324942	25% of values less than 0.412014
50% of values less than 0.50838	75% of values less than 0.606658	90% of values less than 0.723867
Minimum 0.216867 than 0.790875	Maximum 1.12533	
Mean 0.516844	SD 0.155154	Variance 0.0240728

Retarded Travel Time to ETP Receptor years

05% of values less than 89.3203	10% of values less than 100.928	25% of values less than 129.357
50% of values less than 161.75	75% of values less than 199.496	90% of values less than 244.598
Minimum 56.2033s than 299.737	Maximum 496.067	
Mean 170.921	SD 62.3147	Variance 3883.12

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 0.284711	10% of values less than 0.324942	25% of values less than 0.412014
50% of values less than 0.50838	75% of values less than 0.606658	90% of values less than 0.723867
Minimum 0.216867 than 0.790875	Maximum 1.12533	
Mean 0.516844	SD 0.155154	Variance 0.0240728

Retarded Travel Time to ETP Receptor years

05% of values less than 14.2132	10% of values less than 16.0298	25% of values less than 20.5522
50% of values less than 25.7065	75% of values less than 31.6241	90% of values less than 38.7431
Minimum 8.96475s than 47.4329	Maximum 78.4563	
Mean 27.1426	SD 9.85277	Variance 97.0771

Tank Farm - EC12-EC16 Aromatics

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 1.03484E-012	10% of values less than 5.28439E-012	25% of values less than 3.3486E-010
50% of values less than 5.31991E-008	75% of values less than 2.32643E-006	90% of values less than 2.33908E-005
Minimum 4.77397E-014 6.1705E-005	Maximum 0.000252142	
Mean 9.77395E-006	SD 3.03657E-005	Variance 9.22074E-010

Tank Farm - EC16-EC21 Aromatics

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 7.57066E-014	10% of values less than 3.55932E-013	25% of values less than 1.78886E-011
50% of values less than 2.37163E-009	75% of values less than 1.02885E-007	90% of values less than 1.28443E-006
Minimum 6.9333E-016n 2.98329E-006	Maximum 2.54836E-005	
Mean 5.69642E-007	SD 2.11737E-006	Variance 4.48325E-012

Tank Farm - EC10-EC12 Aromatics

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 1.6899E-015	10% of values less than 9.95414E-015	25% of values less than 4.82449E-013
50% of values less than 4.87026E-011	75% of values less than 3.09347E-009	90% of values less than 4.17679E-008
Minimum 9.84071E-019 1.42988E-007	Maximum 3.19451E-006	
Mean 3.40922E-008	SD 1.81223E-007	Variance 3.28417E-014

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 0.0541228	10% of values less than 0.0826554	25% of values less than 0.167079
50% of values less than 0.268751	75% of values less than 0.367029	90% of values less than 0.444948
Minimum 0.00444457an 0.497635	Maximum 0.752658	
Mean 0.271016	SD 0.138003	Variance 0.0190448

Retarded Travel Time to Tank Farm Receptor years

05% of values less than 5.47796	10% of values less than 8.5976	25% of values less than 17.3049
50% of values less than 27.1954	75% of values less than 37.179	90% of values less than 47.5722
Minimum 0.36301s than 55.3686	Maximum 103.645	
Mean 28.1941	SD 15.6865	Variance 246.065

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 0.0541228	10% of values less than 0.0826554	25% of values less than 0.167079
50% of values less than 0.268751	75% of values less than 0.367029	90% of values less than 0.444948
Minimum 0.00444457an 0.497635	Maximum 0.752658	
Mean 0.271016	SD 0.138003	Variance 0.0190448

Retarded Travel Time to Tank Farm Receptor years

05% of values less than 17.4224	10% of values less than 27.3045	25% of values less than 55.018
50% of values less than 86.3614	75% of values less than 118.248	90% of values less than 151.289
Minimum 1.15185s than 176.112	Maximum 330.024	
Mean 89.6249	SD 49.9099	Variance 2491

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 0.0541228	10% of values less than 0.0826554	25% of values less than 0.167079
50% of values less than 0.268751	75% of values less than 0.367029	90% of values less than 0.444948
Minimum 0.00444457an 0.497635	Maximum 0.752658	
Mean 0.271016	SD 0.138003	Variance 0.0190448

Retarded Travel Time to Tank Farm Receptor years

05% of values less than 2.76332	10% of values less than 4.34604	25% of values less than 8.72792
50% of values less than 13.727	75% of values less than 18.7886	90% of values less than 24.0002
Minimum 0.183727 than 27.9269	Maximum 52.1954	
Mean 14.2326	SD 7.90846	Variance 62.5438

Tank Farm - EC12-EC16 Aromatics

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 0.028116	10% of values less than 0.0348171	25% of values less than 0.0495965
50% of values less than 0.071257	75% of values less than 0.102403	90% of values less than 0.131219
Minimum 0.01202981	Maximum 0.1765	
Mean 0.0772762	SD 0.0357718	Variance 0.00127962

Tank Farm - EC16-EC21 Aromatics

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 0.00138151	10% of values less than 0.00255783	25% of values less than 0.00561933
50% of values less than 0.0128239	75% of values less than 0.0298297	90% of values less than 0.0568175
Minimum 4.59481E-005 0.0731108	Maximum 0.113027	
Mean 0.0218008	SD 0.0229268	Variance 0.000525637

Tank Farm - EC10-EC12 Aromatics

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 2.46061E-005	10% of values less than 6.58569E-005	25% of values less than 0.000343324
50% of values less than 0.00143324	75% of values less than 0.00592682	90% of values less than 0.017304
Minimum 5.80096E-008 0.026138	Maximum 0.06715	
Mean 0.00572998	SD 0.0105853	Variance 0.000112049

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0.00388793	10% of values less than 0.0280988	25% of values less than 0.0914734
50% of values less than 0.185153	75% of values less than 0.297478	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 161838	SD 368486	Variance 1.35782E+011

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor years

05% of values less than 0.374567	10% of values less than 2.91243	25% of values less than 9.29556
50% of values less than 18.2283	75% of values less than 31.0155	90% of values less than 9.71328E+007
Minimum 0.es less than 1.11449E+008	Maximum 1.49328E+008	
Mean 1.6785E+007	SD 3.87209E+007	Variance 1.49931E+015

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0.00388793	10% of values less than 0.0280988	25% of values less than 0.0914734
50% of values less than 0.185153	75% of values less than 0.297478	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 161838	SD 368486	Variance 1.35782E+011

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor years

05% of values less than 1.18934	10% of values less than 9.25931	25% of values less than 29.5568
50% of values less than 57.9024	75% of values less than 98.6827	90% of values less than 3.08625E+008
Minimum 0.es less than 3.54435E+008	Maximum 4.7565E+008	
Mean 5.33559E+007	SD 1.23107E+008	Variance 1.51553E+016

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0.00388793	10% of values less than 0.0280988	25% of values less than 0.0914734
50% of values less than 0.185153	75% of values less than 0.297478	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 161838	SD 368486	Variance 1.35782E+011

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor years

05% of values less than 0.18939	10% of values less than 1.46921	25% of values less than 4.69074
50% of values less than 9.20116	75% of values less than 15.6366	90% of values less than 4.90664E+007
Minimum 0.es less than 5.62243E+007	Maximum 7.51641E+007	
Mean 8.47341E+006	SD 1.95423E+007	Variance 3.81903E+014

Tank Farm - EC12-EC16 Aromatics

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 2.16995E-010
50% of values less than 0.000114635	75% of values less than 0.0105605	90% of values less than 0.0619807
Minimum 0.es less than 0.1765	Maximum 0.1765	
Mean 0.019647	SD 0.0457778	Variance 0.00209561

Tank Farm - EC16-EC21 Aromatics

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 2.51927E-011
50% of values less than 1.58014E-005	75% of values less than 0.00192056	90% of values less than 0.0178047
Minimum 0.05 less than 0.0516621	Maximum 0.1325	
Mean 0.00919275	SD 0.0289017	Variance 0.00083531

Tank Farm - EC10-EC12 Aromatics

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 3.80654E-011
50% of values less than 4.44566E-006	75% of values less than 0.000500739	90% of values less than 0.0116528
Minimum 0.es less than 0.06715	Maximum 0.06715	
Mean 0.00648424	SD 0.0187498	Variance 0.000351556

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0	10% of values less than 0.0197274	25% of values less than 0.0741654
50% of values less than 0.173599	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 250749	SD 433661	Variance 1.88062E+011

Retarded Travel Time to TCE - waste/oil Receptor years

05% of values less than 0	10% of values less than 1.98173	25% of values less than 7.50796
50% of values less than 17.3519	75% of values less than 7.24709E+007	90% of values less than 1.07517E+008
Minimum 0.es less than 1.16551E+008	Maximum 1.49328E+008	
Mean 2.59659E+007	SD 4.55386E+007	Variance 2.07376E+015

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0	10% of values less than 0.0197274	25% of values less than 0.0741654
50% of values less than 0.173599	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 250749	SD 433661	Variance 1.88062E+011

Retarded Travel Time to TCE - waste/oil Receptor years

05% of values less than 0	10% of values less than 6.28999	25% of values less than 23.8702
50% of values less than 55.1789	75% of values less than 2.29707E+008	90% of values less than 3.41856E+008
Minimum 0.es less than 3.70763E+008	Maximum 4.7565E+008	
Mean 8.25393E+007	SD 1.44783E+008	Variance 2.0962E+016

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0	10% of values less than 0.0197274	25% of values less than 0.0741654
50% of values less than 0.173599	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 250749	SD 433661	Variance 1.88062E+011

Retarded Travel Time to TCE - waste/oil Receptor years

05% of values less than 0	10% of values less than 1.00258	25% of values less than 3.78928
50% of values less than 8.76969	75% of values less than 3.67355E+007	90% of values less than 5.42587E+007
Minimum 0.es less than 5.87755E+007	Maximum 7.51641E+007	
Mean 1.31083E+007	SD 2.29831E+007	Variance 5.28225E+014

Tank Farm - EC12-EC16 Aromatics

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.1765	Maximum 0.1765	
Mean 0.0142822	SD 0.0481575	Variance 0.00231915

Tank Farm - EC16-EC21 Aromatics

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.1325	Maximum 0.1325	
Mean 0.00833916	SD 0.0321937	Variance 0.00103643

Tank Farm - EC10-EC12 Aromatics

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.06715	Maximum 0.06715	
Mean 0.00670829	SD 0.0201461	Variance 0.000405866

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 1.38519	10% of values less than 1.44059	25% of values less than 1.54131
50% of values less than 1.68547	75% of values less than 1.935	90% of values less than 2.26877
Minimum 1.29177s than 2.43732	Maximum 3.04173	
Mean 1.77531	SD 0.326768	Variance 0.106777

Retarded Travel Time to VC MFB 50m years

05% of values less than 133.499	10% of values less than 140.426	25% of values less than 152.227
50% of values less than 170.041	75% of values less than 198.293	90% of values less than 255.593
Minimum 106.531s than 302.154	Maximum 422.745	
Mean 184.69	SD 50.1771	Variance 2517.74

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 1.38519	10% of values less than 1.44059	25% of values less than 1.54131
50% of values less than 1.68547	75% of values less than 1.935	90% of values less than 2.26877
Minimum 1.29177s than 2.43732	Maximum 3.04173	
Mean 1.77531	SD 0.326768	Variance 0.106777

Retarded Travel Time to VC MFB 50m years

05% of values less than 423.492	10% of values less than 445.98	25% of values less than 483.407
50% of values less than 539.987	75% of values less than 631.01	90% of values less than 813.189
Minimum 338.028s than 961.547	Maximum 1346.09	
Mean 587.103	SD 159.989	Variance 25596.6

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 1.38519	10% of values less than 1.44059	25% of values less than 1.54131
50% of values less than 1.68547	75% of values less than 1.935	90% of values less than 2.26877
Minimum 1.29177s than 2.43732	Maximum 3.04173	
Mean 1.77531	SD 0.326768	Variance 0.106777

Retarded Travel Time to VC MFB 50m years

05% of values less than 67.5085	10% of values less than 70.9875	25% of values less than 76.9125
50% of values less than 85.743	75% of values less than 100.009	90% of values less than 128.906
Minimum 53.9174s than 152.292	Maximum 212.894	
Mean 93.2327	SD 25.2201	Variance 636.055

Tank Farm - EC12-EC16 Aromatics

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 6.70086E-012	10% of values less than 1.54157E-011	25% of values less than 1.02869E-010
50% of values less than 1.35442E-009	75% of values less than 1.62995E-008	90% of values less than 1.00984E-007
Minimum 2.12554E-014 2.64213E-007	Maximum 1.49631E-006	
Mean 4.4017E-008	SD 1.38386E-007	Variance 1.91508E-014

Tank Farm - EC16-EC21 Aromatics

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 2.45538E-017	10% of values less than 2.70496E-016	25% of values less than 8.33908E-015
50% of values less than 2.14906E-013	75% of values less than 4.18376E-012	90% of values less than 3.87954E-011
Minimum 2.17485E-021 1.08913E-010	Maximum 4.85501E-009	
Mean 3.53366E-011	SD 2.22024E-010	Variance 4.92947E-020

Tank Farm - EC10-EC12 Aromatics

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 8.01232E-025	10% of values less than 9.83528E-023	25% of values less than 3.77114E-020
50% of values less than 1.07806E-017	75% of values less than 1.57902E-015	90% of values less than 4.0173E-014
Minimum 0.es less than 1.93177E-013	Maximum 1.65433E-011	
Mean 9.7721E-014	SD 7.75164E-013	Variance 6.00879E-025

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 1.16437	10% of values less than 1.2198	25% of values less than 1.31287
50% of values less than 1.45397	75% of values less than 1.65932	90% of values less than 1.943
Minimum 1.07647s than 2.08785	Maximum 2.65379	
Mean 1.52114	SD 0.28704	Variance 0.0823922

Retarded Travel Time to Boiler House 50m years

05% of values less than 112.643	10% of values less than 119.614	25% of values less than 130.202
50% of values less than 145.633	75% of values less than 171.121	90% of values less than 219.668
Minimum 88.5918s than 259.858	Maximum 368.828	
Mean 158.248	SD 43.5104	Variance 1893.16

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 1.16437	10% of values less than 1.2198	25% of values less than 1.31287
50% of values less than 1.45397	75% of values less than 1.65932	90% of values less than 1.943
Minimum 1.07647s than 2.08785	Maximum 2.65379	
Mean 1.52114	SD 0.28704	Variance 0.0823922

Retarded Travel Time to Boiler House 50m years

05% of values less than 357.22	10% of values less than 379.926	25% of values less than 413.46
50% of values less than 462.627	75% of values less than 544.417	90% of values less than 699.484
Minimum 281.107s than 826.4	Maximum 1174.41	
Mean 503.046	SD 138.723	Variance 19244.2

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 1.16437	10% of values less than 1.2198	25% of values less than 1.31287
50% of values less than 1.45397	75% of values less than 1.65932	90% of values less than 1.943
Minimum 1.07647s than 2.08785	Maximum 2.65379	
Mean 1.52114	SD 0.28704	Variance 0.0823922

Retarded Travel Time to Boiler House 50m years

05% of values less than 57.0072	10% of values less than 60.4522	25% of values less than 65.7539
50% of values less than 73.5149	75% of values less than 86.2806	90% of values less than 110.761
Minimum 44.8382s than 131.082	Maximum 185.741	
Mean 79.8843	SD 21.8714	Variance 478.358

Tank Farm - EC12-EC16 Aromatics

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 6.05439E-007	10% of values less than 1.2456E-006	25% of values less than 4.83721E-006
50% of values less than 2.42118E-005	75% of values less than 9.62102E-005	90% of values less than 0.000291863
Minimum 2.64761E-008 0.000476035	Maximum 0.0015475	
Mean 9.89436E-005	SD 0.00018396	Variance 3.38413E-008

Tank Farm - EC16-EC21 Aromatics

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 5.31885E-012	10% of values less than 4.32675E-011	25% of values less than 9.96849E-010
50% of values less than 1.35519E-008	75% of values less than 1.07885E-007	90% of values less than 5.06758E-007
Minimum 1.30056E-015 1.16573E-006	Maximum 1.06038E-005	
Mean 2.39558E-007	SD 7.88529E-007	Variance 6.21778E-013

Tank Farm - EC10-EC12 Aromatics

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 2.24734E-018	10% of values less than 1.49536E-016	25% of values less than 2.30143E-014
50% of values less than 2.25912E-012	75% of values less than 1.32255E-010	90% of values less than 1.72657E-009
Minimum 5.63301E-027 5.70645E-009	Maximum 1.00184E-007	
Mean 1.24398E-009	SD 6.17178E-009	Variance 3.80909E-017

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 1.48747	10% of values less than 1.5461	25% of values less than 1.64803
50% of values less than 1.79156	75% of values less than 2.06268	90% of values less than 2.41879
Minimum 1.39235s than 2.59718	Maximum 3.22444	
Mean 1.89405	SD 0.34569	Variance 0.119502

Retarded Travel Time to Lead MFB 50m years

05% of values less than 143.059	10% of values less than 150.37	25% of values less than 162.532
50% of values less than 181.076	75% of values less than 210.961	90% of values less than 272.058
Minimum 114.911s than 321.739	Maximum 447.933	
Mean 197.043	SD 53.3205	Variance 2843.07

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 1.48747	10% of values less than 1.5461	25% of values less than 1.64803
50% of values less than 1.79156	75% of values less than 2.06268	90% of values less than 2.41879
Minimum 1.39235s than 2.59718	Maximum 3.22444	
Mean 1.89405	SD 0.34569	Variance 0.119502

Retarded Travel Time to Lead MFB 50m years

05% of values less than 454.474	10% of values less than 477.853	25% of values less than 516.368
50% of values less than 575.604	75% of values less than 671.227	90% of values less than 866.306
Minimum 364.619s than 1023.86	Maximum 1426.3	
Mean 626.371	SD 170.016	Variance 28905.3

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 1.48747	10% of values less than 1.5461	25% of values less than 1.64803
50% of values less than 1.79156	75% of values less than 2.06268	90% of values less than 2.41879
Minimum 1.39235s than 2.59718	Maximum 3.22444	
Mean 1.89405	SD 0.34569	Variance 0.119502

Retarded Travel Time to Lead MFB 50m years

05% of values less than 72.2967	10% of values less than 76.0129	25% of values less than 82.0752
50% of values less than 91.4916	75% of values less than 106.542	90% of values less than 137.001
Minimum 58.1588s than 162.118	Maximum 225.578	
Mean 99.4685	SD 26.7992	Variance 718.196

Tank Farm - EC12-EC16 Aromatics

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.4962E-019	75% of values less than 1.38491E-017	90% of values less than 2.44128E-016
Minimum 0.es less than 8.999E-016	Maximum 1.81619E-014	
Mean 2.23124E-016	SD 1.12488E-015	Variance 1.26535E-030

Tank Farm - EC16-EC21 Aromatics

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 6.04475E-024	75% of values less than 1.79345E-021	90% of values less than 3.24122E-020
Minimum 0.es less than 2.00117E-019	Maximum 2.01335E-017	
Mean 9.67509E-020	SD 8.03295E-019	Variance 6.45283E-037

Tank Farm - EC10-EC12 Aromatics

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 3.18703E-030	75% of values less than 1.02484E-025	90% of values less than 1.04576E-023
Minimum 0.es less than 1.3724E-022	Maximum 4.94859E-020	
Mean 2.16123E-022	SD 2.29879E-021	Variance 5.28446E-042

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0.92687	10% of values less than 0.977115	25% of values less than 1.07347
50% of values less than 1.20041	75% of values less than 1.37118	90% of values less than 1.59654
Minimum 0.844974 than 1.73415	Maximum 2.23667	
Mean 1.24784	SD 0.245989	Variance 0.0605106

Retarded Travel Time to BH Lead 50m years

05% of values less than 90.4641	10% of values less than 96.1642	25% of values less than 106.064
50% of values less than 120.11	75% of values less than 141.142	90% of values less than 181.275
Minimum 69.3039s than 213.592	Maximum 310.856	
Mean 129.816	SD 36.4804	Variance 1330.82

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0.92687	10% of values less than 0.977115	25% of values less than 1.07347
50% of values less than 1.20041	75% of values less than 1.37118	90% of values less than 1.59654
Minimum 0.844974 than 1.73415	Maximum 2.23667	
Mean 1.24784	SD 0.245989	Variance 0.0605106

Retarded Travel Time to BH Lead 50m years

05% of values less than 287.276	10% of values less than 305.271	25% of values less than 337.113
50% of values less than 381.57	75% of values less than 448.906	90% of values less than 577.229
Minimum 219.906s than 680.087	Maximum 989.818	
Mean 412.667	SD 116.296	Variance 13524.7

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0.92687	10% of values less than 0.977115	25% of values less than 1.07347
50% of values less than 1.20041	75% of values less than 1.37118	90% of values less than 1.59654
Minimum 0.844974 than 1.73415	Maximum 2.23667	
Mean 1.24784	SD 0.245989	Variance 0.0605106

Retarded Travel Time to BH Lead 50m years

05% of values less than 45.7342	10% of values less than 48.6091	25% of values less than 53.6104
50% of values less than 60.6559	75% of values less than 71.1858	90% of values less than 91.2852
Minimum 35.0762s than 107.57	Maximum 156.546	
Mean 65.532	SD 18.3407	Variance 336.381

Tank Farm - EC12-EC16 Aromatics

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 5.77432E-007	10% of values less than 1.25302E-006	25% of values less than 5.26576E-006
50% of values less than 3.26983E-005	75% of values less than 0.00014523	90% of values less than 0.000426396
Minimum 4.39238E-008 0.000717085	Maximum 0.00220234	
Mean 0.000143498	SD 0.000269204	Variance 7.24707E-008

Tank Farm - EC16-EC21 Aromatics

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 6.47537E-011	10% of values less than 3.76916E-010	25% of values less than 4.58054E-009
50% of values less than 5.70577E-008	75% of values less than 4.10395E-007	90% of values less than 2.16184E-006
Minimum 4.71154E-014 4.67787E-006	Maximum 3.40311E-005	
Mean 8.61957E-007	SD 2.65261E-006	Variance 7.03635E-012

Tank Farm - EC10-EC12 Aromatics

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 2.6582E-016	10% of values less than 9.79533E-015	25% of values less than 7.98297E-013
50% of values less than 4.90844E-011	75% of values less than 1.33474E-009	90% of values less than 1.39332E-008
Minimum 2.99086E-023 4.48279E-008	Maximum 5.19471E-007	
Mean 8.97535E-009	SD 4.00429E-008	Variance 1.60344E-015

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.685494	10% of values less than 0.7324	25% of values less than 0.830861
50% of values less than 0.942843	75% of values less than 1.0796	90% of values less than 1.26071
Minimum 0.611677 than 1.38358	Maximum 1.81831	
Mean 0.973741	SD 0.207555	Variance 0.043079

Retarded Travel Time to Lead Boiler House Receptor years

05% of values less than 67.3181	10% of values less than 72.6411	25% of values less than 82.233
50% of values less than 94.237	75% of values less than 111.524	90% of values less than 139.502
Minimum 49.9587s than 168.42	Maximum 252.711	
Mean 101.301	SD 29.673	Variance 880.489

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.685494	10% of values less than 0.7324	25% of values less than 0.830861
50% of values less than 0.942843	75% of values less than 1.0796	90% of values less than 1.26071
Minimum 0.611677 than 1.38358	Maximum 1.81831	
Mean 0.973741	SD 0.207555	Variance 0.043079

Retarded Travel Time to Lead Boiler House Receptor years

05% of values less than 213.925	10% of values less than 230.7	25% of values less than 261.286
50% of values less than 299.396	75% of values less than 354.497	90% of values less than 444.006
Minimum 158.522s than 535.699	Maximum 804.676	
Mean 322.02	SD 94.5751	Variance 8944.45

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.685494	10% of values less than 0.7324	25% of values less than 0.830861
50% of values less than 0.942843	75% of values less than 1.0796	90% of values less than 1.26071
Minimum 0.611677 than 1.38358	Maximum 1.81831	
Mean 0.973741	SD 0.207555	Variance 0.043079

Retarded Travel Time to Lead Boiler House Receptor years

05% of values less than 33.9983	10% of values less than 36.7101	25% of values less than 41.5147
50% of values less than 47.6	75% of values less than 56.2696	90% of values less than 70.325
Minimum 25.2852s than 84.9475	Maximum 127.265	
Mean 51.1371	SD 14.9228	Variance 222.689

Tank Farm - EC12-EC16 Aromatics

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 5.9397E-008	10% of values less than 1.17218E-007	25% of values less than 8.58773E-007
50% of values less than 9.13668E-006	75% of values less than 6.51707E-005	90% of values less than 0.000223933
Minimum 5.05605E-009 0.000413728	Maximum 0.0013469	
Mean 7.40504E-005	SD 0.000158348	Variance 2.50741E-008

Tank Farm - EC16-EC21 Aromatics

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 9.21504E-011	10% of values less than 2.96428E-010	25% of values less than 3.41836E-009
50% of values less than 5.20147E-008	75% of values less than 5.18714E-007	90% of values less than 2.52536E-006
Minimum 2.06204E-013 5.27313E-006	Maximum 3.7205E-005	
Mean 1.06628E-006	SD 3.28865E-006	Variance 1.08152E-011

Tank Farm - EC10-EC12 Aromatics

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 9.48657E-015	10% of values less than 1.29487E-013	25% of values less than 4.24527E-012
50% of values less than 1.38689E-010	75% of values less than 2.88568E-009	90% of values less than 3.41891E-008
Minimum 5.37042E-020 9.64196E-008	Maximum 1.25193E-006	
Mean 2.11479E-008	SD 9.14504E-008	Variance 8.36318E-015

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 1.25202	10% of values less than 1.30783	25% of values less than 1.405
50% of values less than 1.54607	75% of values less than 1.77215	90% of values less than 2.06892
Minimum 1.1628ss than 2.22499	Maximum 2.80934	
Mean 1.62305	SD 0.302824	Variance 0.0917026

Retarded Travel Time to Lead MFB core and store Receptor years

05% of values less than 120.805	10% of values less than 127.86	25% of values less than 138.987
50% of values less than 155.363	75% of values less than 181.938	90% of values less than 234.349
Minimum 95.7844s than 276.688	Maximum 390.446	
Mean 168.85	SD 46.1718	Variance 2131.83

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 1.25202	10% of values less than 1.30783	25% of values less than 1.405
50% of values less than 1.54607	75% of values less than 1.77215	90% of values less than 2.06892
Minimum 1.1628ss than 2.22499	Maximum 2.80934	
Mean 1.62305	SD 0.302824	Variance 0.0917026

Retarded Travel Time to Lead MFB core and store Receptor years

05% of values less than 383.904	10% of values less than 405.849	25% of values less than 441.084
50% of values less than 493.632	75% of values less than 578.857	90% of values less than 745.438
Minimum 303.93ss than 880.508	Maximum 1243.25	
Mean 536.749	SD 147.213	Variance 21671.6

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 1.25202	10% of values less than 1.30783	25% of values less than 1.405
50% of values less than 1.54607	75% of values less than 1.77215	90% of values less than 2.06892
Minimum 1.1628ss than 2.22499	Maximum 2.80934	
Mean 1.62305	SD 0.302824	Variance 0.0917026

Retarded Travel Time to Lead MFB core and store Receptor years

05% of values less than 61.113	10% of values less than 64.6828	25% of values less than 70.1908
50% of values less than 78.4005	75% of values less than 91.7288	90% of values less than 118.192
Minimum 48.4786s than 139.457	Maximum 196.628	
Mean 85.2364	SD 23.2082	Variance 538.619

Tank Farm - EC12-EC16 Aromatics

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.39997E-018	90% of values less than 3.51286E-017
Minimum 0.es less than 1.4187E-016	Maximum 3.19783E-015	
Mean 3.66853E-017	SD 1.97137E-016	Variance 3.88629E-032

Tank Farm - EC16-EC21 Aromatics

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 5.07848E-022	90% of values less than 1.12299E-020
Minimum 0.es less than 7.36275E-020	Maximum 5.91951E-018	
Mean 3.45959E-020	SD 2.57918E-019	Variance 6.65219E-038

Tank Farm - EC10-EC12 Aromatics

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.42023E-026	90% of values less than 8.02603E-024
Minimum 0.es less than 1.12722E-022	Maximum 3.30821E-020	
Mean 1.59159E-022	SD 1.67963E-021	Variance 2.82115E-042

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 0.127156	10% of values less than 0.158573	25% of values less than 0.241244
50% of values less than 0.341867	75% of values less than 0.439743	90% of values less than 0.527637
Minimum 0.06885561	Maximum 0.865661	
Mean 0.345557	SD 0.142075	Variance 0.0201852

Retarded Travel Time to TCE waste oil 50m years

05% of values less than 12.673	10% of values less than 15.856	25% of values less than 24.476
50% of values less than 34.3925	75% of values less than 44.6433	90% of values less than 55.9339
Minimum 5.62378	Maximum 119.457	
Mean 35.9487	SD 16.6698	Variance 277.883

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 0.127156	10% of values less than 0.158573	25% of values less than 0.241244
50% of values less than 0.341867	75% of values less than 0.439743	90% of values less than 0.527637
Minimum 0.06885561	Maximum 0.865661	
Mean 0.345557	SD 0.142075	Variance 0.0201852

Retarded Travel Time to TCE waste oil 50m years

05% of values less than 40.213	10% of values less than 50.359	25% of values less than 77.8266
50% of values less than 109.227	75% of values less than 141.934	90% of values less than 177.956
Minimum 17.8446	Maximum 380.372	
Mean 114.276	SD 53.0541	Variance 2814.74

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 0.127156	10% of values less than 0.158573	25% of values less than 0.241244
50% of values less than 0.341867	75% of values less than 0.439743	90% of values less than 0.527637
Minimum 0.06885561	Maximum 0.865661	
Mean 0.345557	SD 0.142075	Variance 0.0201852

Retarded Travel Time to TCE waste oil 50m years

05% of values less than 6.41387	10% of values less than 8.01441	25% of values less than 12.3664
50% of values less than 17.3616	75% of values less than 22.5406	90% of values less than 28.2438
Minimum 2.846325	Maximum 60.1583	
Mean 18.1471	SD 8.40073	Variance 70.5722

Tank Farm - EC12-EC16 Aromatics

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Tank Farm - EC16-EC21 Aromatics

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Tank Farm - EC10-EC12 Aromatics

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 0.177649	10% of values less than 0.204779	25% of values less than 0.29034
50% of values less than 0.389484	75% of values less than 0.487608	90% of values less than 0.583578
Minimum 0.111832 than 0.641603	Maximum 0.941059	
Mean 0.395291	SD 0.145369	Variance 0.0211321

Retarded Travel Time to TF Lagoon CHC 50 m years

05% of values less than 17.2274	10% of values less than 20.497	25% of values less than 29.315
50% of values less than 39.1979	75% of values less than 49.8322	90% of values less than 61.699
Minimum 9.13388s than 74.4871	Maximum 130.007	
Mean 41.1228	SD 17.4297	Variance 303.795

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 0.177649	10% of values less than 0.204779	25% of values less than 0.29034
50% of values less than 0.389484	75% of values less than 0.487608	90% of values less than 0.583578
Minimum 0.111832	Maximum 0.941059	
Mean 0.395291	SD 0.145369	Variance 0.0211321

Retarded Travel Time to TF Lagoon CHC 50 m years

05% of values less than 54.7877	10% of values less than 65.2199	25% of values less than 93.0736
50% of values less than 124.583	75% of values less than 158.338	90% of values less than 196.064
Minimum 28.9824	Maximum 413.965	
Mean 130.723	SD 55.4831	Variance 3078.37

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 0.177649	10% of values less than 0.204779	25% of values less than 0.29034
50% of values less than 0.389484	75% of values less than 0.487608	90% of values less than 0.583578
Minimum 0.111832 than 0.641603	Maximum 0.941059	
Mean 0.395291	SD 0.145369	Variance 0.0211321

Retarded Travel Time to TF Lagoon CHC 50 m years

05% of values less than 8.69101	10% of values less than 10.3519	25% of values less than 14.8097
50% of values less than 19.776	75% of values less than 25.1659	90% of values less than 31.1394
Minimum 4.62286s than 37.5769	Maximum 65.4713	
Mean 20.759	SD 8.78132	Variance 77.1115

Tank Farm - EC12-EC16 Aromatics

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 1.75513E-008	10% of values less than 2.53414E-007	25% of values less than 7.49409E-006
50% of values less than 0.000286773	75% of values less than 0.00305407	90% of values less than 0.0118465
Minimum 5.87299E-011 0.0184335	Maximum 0.0367772	
Mean 0.00330182	SD 0.00639308	Variance 4.08715E-005

Tank Farm - EC16-EC21 Aromatics

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 3.80703E-009	10% of values less than 2.17803E-008	25% of values less than 5.83728E-007
50% of values less than 2.10137E-005	75% of values less than 0.000287178	90% of values less than 0.0012391
Minimum 1.7535E-011n 0.00202786	Maximum 0.00806727	
Mean 0.000367801	SD 0.000860098	Variance 7.39768E-007

Tank Farm - EC10-EC12 Aromatics

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 1.83059E-010	10% of values less than 1.10698E-009	25% of values less than 2.40916E-008
50% of values less than 8.88688E-007	75% of values less than 1.72819E-005	90% of values less than 9.87813E-005
Minimum 2.51523E-012 0.000220124	Maximum 0.00147294	
Mean 4.04184E-005	SD 0.000128014	Variance 1.63875E-008

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0.526023	10% of values less than 0.57155	25% of values less than 0.6653
50% of values less than 0.771127	75% of values less than 0.88422	90% of values less than 1.03501
Minimum 0.453723 than 1.14603	Maximum 1.54087	
Mean 0.790947	SD 0.184302	Variance 0.0339674

Retarded Travel Time to ETP 50m years

05% of values less than 51.7848	10% of values less than 56.2839	25% of values less than 66.0278
50% of values less than 76.9437	75% of values less than 92.3646	90% of values less than 113.97
Minimum 37.0578s than 137.685	Maximum 213.936	
Mean 82.2839	SD 25.3664	Variance 643.453

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0.526023	10% of values less than 0.57155	25% of values less than 0.6653
50% of values less than 0.771127	75% of values less than 0.88422	90% of values less than 1.03501
Minimum 0.453723 than 1.14603	Maximum 1.54087	
Mean 0.790947	SD 0.184302	Variance 0.0339674

Retarded Travel Time to ETP 50m years

05% of values less than 164.563	10% of values less than 178.908	25% of values less than 209.931
50% of values less than 244.609	75% of values less than 293.702	90% of values less than 362.543
Minimum 117.587s than 438.317	Maximum 681.209	
Mean 261.569	SD 80.8298	Variance 6533.46

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0.526023	10% of values less than 0.57155	25% of values less than 0.6653
50% of values less than 0.771127	75% of values less than 0.88422	90% of values less than 1.03501
Minimum 0.453723 than 1.14603	Maximum 1.54087	
Mean 0.790947	SD 0.184302	Variance 0.0339674

Retarded Travel Time to ETP 50m years

05% of values less than 26.136	10% of values less than 28.4148	25% of values less than 33.3237
50% of values less than 38.9138	75% of values less than 46.6275	90% of values less than 57.4664
Minimum 18.7557s than 69.3602	Maximum 107.738	
Mean 41.5374	SD 12.7612	Variance 162.848

Tank Farm - EC12-EC16 Aromatics

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 1.17781E-008	10% of values less than 3.2521E-008	25% of values less than 2.93772E-007
50% of values less than 5.48446E-006	75% of values less than 5.00782E-005	90% of values less than 0.000214588
Minimum 1.0065E-009n 0.000384424	Maximum 0.00130314	
Mean 6.81239E-005	SD 0.000156392	Variance 2.44583E-008

Tank Farm - EC16-EC21 Aromatics

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 8.4702E-011	10% of values less than 2.66594E-010	25% of values less than 3.14592E-009
50% of values less than 7.02114E-008	75% of values less than 7.94602E-007	90% of values less than 4.60078E-006
Minimum 2.74713E-013 9.52832E-006	Maximum 5.35813E-005	
Mean 1.78081E-006	SD 5.44791E-006	Variance 2.96797E-011

Tank Farm - EC10-EC12 Aromatics

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 7.97172E-014	10% of values less than 5.64E-013	25% of values less than 1.39163E-011
50% of values less than 3.61482E-010	75% of values less than 8.3092E-009	90% of values less than 9.78293E-008
Minimum 1.01623E-017 2.63486E-007	Maximum 3.07137E-006	
Mean 5.5766E-008	SD 2.40797E-007	Variance 5.79834E-014

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.309655	10% of values less than 0.350992	25% of values less than 0.437808
50% of values less than 0.536059	75% of values less than 0.634327	90% of values less than 0.755919
Minimum 0.2413ss than 0.827698	Maximum 1.1682	
Mean 0.545119	SD 0.157748	Variance 0.0248843

Retarded Travel Time to Tank Farm 50m years

05% of values less than 30.5195	10% of values less than 34.3368	25% of values less than 43.2853
50% of values less than 53.5795	75% of values less than 65.973	90% of values less than 80.3674
Minimum 19.7082s than 97.9366	Maximum 161.789	
Mean 56.7098	SD 20.1125	Variance 404.511

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.309655	10% of values less than 0.350992	25% of values less than 0.437808
50% of values less than 0.536059	75% of values less than 0.634327	90% of values less than 0.755919
Minimum 0.2413ss than 0.827698	Maximum 1.1682	
Mean 0.545119	SD 0.157748	Variance 0.0248843

Retarded Travel Time to Tank Farm 50m years

05% of values less than 96.9171	10% of values less than 109.026	25% of values less than 137.509
50% of values less than 170.28	75% of values less than 209.726	90% of values less than 255.769
Minimum 62.5352s than 311.79	Maximum 515.165	
Mean 180.272	SD 64.0543	Variance 4102.95

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.309655	10% of values less than 0.350992	25% of values less than 0.437808
50% of values less than 0.536059	75% of values less than 0.634327	90% of values less than 0.755919
Minimum 0.2413ss than 0.827698	Maximum 1.1682	
Mean 0.545119	SD 0.157748	Variance 0.0248843

Retarded Travel Time to Tank Farm 50m years

05% of values less than 15.4291	10% of values less than 17.3431	25% of values less than 21.8692
50% of values less than 27.0775	75% of values less than 33.3019	90% of values less than 40.5034
Minimum 9.97473s than 49.3336	Maximum 81.4768	
Mean 28.6275	SD 10.1258	Variance 102.532

Tank Farm - EC12-EC16 Aromatics

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0.0106116	10% of values less than 0.0142939	25% of values less than 0.0224405
50% of values less than 0.0347158	75% of values less than 0.050016	90% of values less than 0.0634309
Minimum 0.00242248an 0.0741553	Maximum 0.101057	
Mean 0.0373131	SD 0.0193694	Variance 0.000375173

Tank Farm - EC16-EC21 Aromatics

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 7.53397E-005	10% of values less than 0.000199625	25% of values less than 0.000618592
50% of values less than 0.00185805	75% of values less than 0.00442529	90% of values less than 0.00805305
Minimum 7.93236E-007 0.011435	Maximum 0.0295617	
Mean 0.00325415	SD 0.0038985	Variance 1.51983E-005

Tank Farm - EC10-EC12 Aromatics

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 1.60099E-007	10% of values less than 6.27237E-007	25% of values less than 6.74306E-006
50% of values less than 5.04324E-005	75% of values less than 0.000282918	90% of values less than 0.000849464
Minimum 7.67042E-012 0.00155304	Maximum 0.0047951	
Mean 0.000305465	SD 0.000635006	Variance 4.03233E-007

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.82397	10% of values less than 2.88793	25% of values less than 3.00641
50% of values less than 3.20397	75% of values less than 3.75986	90% of values less than 4.34619
Minimum 2.70366s than 4.66437	Maximum 5.62846	
Mean 3.44211	SD 0.602524	Variance 0.363035

Retarded Travel Time to DCE Receptor years

05% of values less than 266.441	10% of values less than 277.072	25% of values less than 296.223
50% of values less than 328.56	75% of values less than 380.927	90% of values less than 489.519
Minimum 224.167s than 577.596	Maximum 776.317	
Mean 358.092	SD 95.0764	Variance 9039.53

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.82397	10% of values less than 2.88793	25% of values less than 3.00641
50% of values less than 3.20397	75% of values less than 3.75986	90% of values less than 4.34619
Minimum 2.70366s than 4.66437	Maximum 5.62846	
Mean 3.44211	SD 0.602524	Variance 0.363035

Retarded Travel Time to DCE Receptor years

05% of values less than 845.876	10% of values less than 880.486	25% of values less than 941.052
50% of values less than 1044.29	75% of values less than 1211.51	90% of values less than 1558.01
Minimum 711.296s than 1838.71	Maximum 2471.93	
Mean 1138.32	SD 303.191	Variance 91924.7

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.82397	10% of values less than 2.88793	25% of values less than 3.00641
50% of values less than 3.20397	75% of values less than 3.75986	90% of values less than 4.34619
Minimum 2.70366s than 4.66437	Maximum 5.62846	
Mean 3.44211	SD 0.602524	Variance 0.363035

Retarded Travel Time to DCE Receptor years

05% of values less than 134.612	10% of values less than 140.124	25% of values less than 149.831
50% of values less than 165.891	75% of values less than 192.247	90% of values less than 246.533
Minimum 113.456s than 290.954	Maximum 390.951	
Mean 180.767	SD 47.7783	Variance 2282.76

Tank Farm - EC12-EC16 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 5.42463E-009	10% of values less than 3.46212E-008	25% of values less than 3.2973E-007
50% of values less than 2.38643E-006	75% of values less than 1.23621E-005	90% of values less than 3.32344E-005
Minimum 1.47996E-012 5.75291E-005	Maximum 0.000194631	
Mean 1.143E-005	SD 2.16274E-005	Variance 4.67746E-010

Tank Farm - EC16-EC21 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 9.4598E-022	10% of values less than 7.32066E-019	25% of values less than 1.43086E-015
50% of values less than 1.9835E-013	75% of values less than 8.01608E-012	90% of values less than 7.25444E-011
Minimum 8.4487E-030n 2.50697E-010	Maximum 4.35293E-009	
Mean 6.36654E-011	SD 3.12534E-010	Variance 9.76776E-020

Tank Farm - EC10-EC12 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 5.26647E-026
50% of values less than 1.37279E-021	75% of values less than 1.12522E-017	90% of values less than 9.28692E-016
Minimum 0.es less than 4.95068E-015	Maximum 3.6835E-013	
Mean 2.50322E-015	SD 1.77326E-014	Variance 3.14445E-028

Tank Farm - EC12-EC16 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.91154	10% of values less than 2.97579	25% of values less than 3.09612
50% of values less than 3.29409	75% of values less than 3.86837	90% of values less than 4.47757
Minimum 2.79076s than 4.80957	Maximum 5.78814	
Mean 3.54494	SD 0.619935	Variance 0.384319

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 274.216	10% of values less than 285.774	25% of values less than 305.09
50% of values less than 338.23	75% of values less than 392.645	90% of values less than 503.983
Minimum 231.424s than 593.989	Maximum 798.129	
Mean 368.789	SD 97.8761	Variance 9579.73

Tank Farm - EC16-EC21 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.91154	10% of values less than 2.97579	25% of values less than 3.09612
50% of values less than 3.29409	75% of values less than 3.86837	90% of values less than 4.47757
Minimum 2.79076s than 4.80957	Maximum 5.78814	
Mean 3.54494	SD 0.619935	Variance 0.384319

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 870.531	10% of values less than 907.439	25% of values less than 969.051
50% of values less than 1075.32	75% of values less than 1249.36	90% of values less than 1604.82
Minimum 734.323s than 1890.98	Maximum 2541.38	
Mean 1172.33	SD 312.12	Variance 97418.6

Tank Farm - EC10-EC12 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.91154	10% of values less than 2.97579	25% of values less than 3.09612
50% of values less than 3.29409	75% of values less than 3.86837	90% of values less than 4.47757
Minimum 2.79076s than 4.80957	Maximum 5.78814	
Mean 3.54494	SD 0.619935	Variance 0.384319

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 138.69	10% of values less than 144.346	25% of values less than 154.307
50% of values less than 170.8	75% of values less than 198.026	90% of values less than 253.793
Minimum 117.129s than 299.553	Maximum 401.936	
Mean 186.167	SD 49.185	Variance 2419.16

Tank Farm - EC12-EC16 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 8.17352E-009	10% of values less than 7.1961E-008	25% of values less than 5.99107E-007
50% of values less than 5.45055E-006	75% of values less than 2.46058E-005	90% of values less than 6.79383E-005
Minimum 6.21304E-012 0.000110716	Maximum 0.000290618	
Mean 2.23762E-005	SD 4.04774E-005	Variance 1.63842E-009

Tank Farm - EC16-EC21 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 3.96061E-022	10% of values less than 4.04008E-019	25% of values less than 1.71192E-015
50% of values less than 1.79132E-013	75% of values less than 1.01939E-011	90% of values less than 1.18332E-010
Minimum 0.es less than 3.12805E-010	Maximum 6.49266E-009	
Mean 9.99783E-011	SD 5.0469E-010	Variance 2.54712E-019

Tank Farm - EC10-EC12 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 3.24379E-026
50% of values less than 9.18716E-022	75% of values less than 1.0735E-017	90% of values less than 1.11031E-015
Minimum 0.es less than 4.89445E-015	Maximum 5.48202E-013	
Mean 2.98779E-015	SD 2.41341E-014	Variance 5.82454E-028

Source Inventory:

1,2-Dichloroethene (1,2-DCE)

Aquifer Source Concentration [mg/l] SINGLE(0.1864)

Trichloroethene (TCE)

Aquifer Source Concentration [mg/l] SINGLE(0.0264)

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 1.24698	10% of values less than 1.2705	25% of values less than 1.33527
50% of values less than 1.43362	75% of values less than 1.68082	90% of values less than 1.92587
Minimum 1.17753s than 2.12133	Maximum 2.67749	
Mean 1.53384	SD 0.274472	Variance 0.0753348

Retarded Travel Time to VC Main Factory Building Receptor years

05% of values less than 2.20973	10% of values less than 2.27743	25% of values less than 2.3982
50% of values less than 2.5949	75% of values less than 3.02727	90% of values less than 3.60588
Minimum 2.02429s than 4.04106	Maximum 5.53129	
Mean 2.7979	SD 0.581308	Variance 0.337919

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 1.24698	10% of values less than 1.2705	25% of values less than 1.33527
50% of values less than 1.43362	75% of values less than 1.68082	90% of values less than 1.92587
Minimum 1.17753s than 2.12133	Maximum 2.67749	
Mean 1.53384	SD 0.274472	Variance 0.0753348

Retarded Travel Time to VC Main Factory Building Receptor years

05% of values less than 2.15705	10% of values less than 2.38017	25% of values less than 3.02695
50% of values less than 4.00952	75% of values less than 5.00637	90% of values less than 6.11319
Minimum 1.81255s than 6.97942	Maximum 11.9519	
Mean 4.1836	SD 1.55108	Variance 2.40585

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 4.72629E-009	10% of values less than 1.27472E-008	25% of values less than 5.75178E-008
50% of values less than 3.33059E-007	75% of values less than 2.34697E-006	90% of values less than 8.52155E-006
Minimum 5.6374E-011n 1.69615E-005	Maximum 8.44164E-005	
Mean 3.19845E-006	SD 8.19753E-006	Variance 6.71996E-011

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 4.15312E-009	10% of values less than 2.85145E-008	25% of values less than 1.95018E-007
50% of values less than 1.14262E-006	75% of values less than 5.9814E-006	90% of values less than 2.40648E-005
Minimum 3.07947E-012 4.79139E-005	Maximum 0.000156967	
Mean 8.41445E-006	SD 1.92051E-005	Variance 3.68837E-010

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Lead MFB [years]

05% of values less than 1.58521	10% of values less than 1.61209	25% of values less than 1.68297
50% of values less than 1.78928	75% of values less than 2.11112	90% of values less than 2.41818
Minimum 1.51199s than 2.64421	Maximum 3.31342	
Mean 1.92853	SD 0.340672	Variance 0.116057

Retarded Travel Time to Lead MFB years

05% of values less than 2.81672	10% of values less than 2.88959	25% of values less than 3.02708
50% of values less than 3.24906	75% of values less than 3.80614	90% of values less than 4.51258
Minimum 2.60044s than 5.07195	Maximum 6.84503	
Mean 3.51792	SD 0.72451	Variance 0.524914

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to Lead MFB [years]

05% of values less than 1.58521	10% of values less than 1.61209	25% of values less than 1.68297
50% of values less than 1.78928	75% of values less than 2.11112	90% of values less than 2.41818
Minimum 1.51199s than 2.64421	Maximum 3.31342	
Mean 1.92853	SD 0.340672	Variance 0.116057

Retarded Travel Time to Lead MFB years

05% of values less than 2.70343	10% of values less than 2.98879	25% of values less than 3.81989
50% of values less than 5.02541	75% of values less than 6.3006	90% of values less than 7.69489
Minimum 2.26509s than 8.78155	Maximum 14.9762	
Mean 5.26001	SD 1.94524	Variance 3.78398

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 2.83145E-018	10% of values less than 1.16127E-017	25% of values less than 1.44681E-016
50% of values less than 1.7981E-015	75% of values less than 2.96748E-014	90% of values less than 2.74719E-013
Minimum 5.7636E-021n 8.32858E-013	Maximum 1.07721E-011	
Mean 1.66962E-013	SD 7.3201E-013	Variance 5.35839E-025

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 5.9053E-018	10% of values less than 6.80432E-017	25% of values less than 7.75747E-016
50% of values less than 1.30706E-014	75% of values less than 1.67769E-013	90% of values less than 1.54988E-012
Minimum 9.40517E-022 5.22921E-012	Maximum 3.57869E-011	
Mean 9.19708E-013	SD 3.43736E-012	Variance 1.18155E-023

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 1.03025	10% of values less than 1.05187	25% of values less than 1.11228
50% of values less than 1.20702	75% of values less than 1.41157	90% of values less than 1.62058
Minimum 0.963702	Maximum 2.27093	
Mean 1.28152	SD 0.232838	Variance 0.0542133

Retarded Travel Time to Boiler House Receptor years

05% of values less than 1.82799	10% of values less than 1.89111	25% of values less than 2.00478
50% of values less than 2.17774	75% of values less than 2.54203	90% of values less than 3.04151
Minimum 1.65596	Maximum 4.69141	
Mean 2.33759	SD 0.490872	Variance 0.240955

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 1.03025	10% of values less than 1.05187	25% of values less than 1.11228
50% of values less than 1.20702	75% of values less than 1.41157	90% of values less than 1.62058
Minimum 0.963702	Maximum 2.27093	
Mean 1.28152	SD 0.232838	Variance 0.0542133

Retarded Travel Time to Boiler House Receptor years

05% of values less than 1.80696	10% of values less than 1.97566	25% of values less than 2.50969
50% of values less than 3.35475	75% of values less than 4.19895	90% of values less than 5.11256
Minimum 1.50523	Maximum 10.0185	
Mean 3.49545	SD 1.30015	Variance 1.69039

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 7.64158E-012	10% of values less than 2.23745E-011	25% of values less than 1.84446E-010
50% of values less than 3.89847E-009	75% of values less than 4.10947E-008	90% of values less than 2.05243E-007
Minimum 7.01926E-014 4.38335E-007	Maximum 2.54805E-006	
Mean 7.8923E-008	SD 2.35144E-007	Variance 5.52926E-014

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 1.03454E-011	10% of values less than 2.9962E-011	25% of values less than 3.04114E-010
50% of values less than 6.39956E-009	75% of values less than 9.02984E-008	90% of values less than 4.34691E-007
Minimum 2.55658E-014	Maximum 4.04534E-006	
Mean 1.50972E-007	SD 4.13476E-007	Variance 1.70962E-013

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 0.394693	10% of values less than 0.417017	25% of values less than 0.459571
50% of values less than 0.533101	75% of values less than 0.61726	90% of values less than 0.720313
Minimum 0.344935 than 0.776088	Maximum 1.09735	
Mean 0.551328	SD 0.121161	Variance 0.0146799

Retarded Travel Time to ETP Receptor years

05% of values less than 0.714782	10% of values less than 0.74221	25% of values less than 0.82522
50% of values less than 0.959811	75% of values less than 1.12214	90% of values less than 1.3384
Minimum 0.590059 than 1.46596	Maximum 2.26096	
Mean 1.00554	SD 0.244132	Variance 0.0596005

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 0.394693	10% of values less than 0.417017	25% of values less than 0.459571
50% of values less than 0.533101	75% of values less than 0.61726	90% of values less than 0.720313
Minimum 0.344935 than 0.776088	Maximum 1.09735	
Mean 0.551328	SD 0.121161	Variance 0.0146799

Retarded Travel Time to ETP Receptor years

05% of values less than 0.735739	10% of values less than 0.82303	25% of values less than 1.05308
50% of values less than 1.42355	75% of values less than 1.81563	90% of values less than 2.28813
Minimum 0.578342 than 2.53568	Maximum 4.42352	
Mean 1.50407	SD 0.589603	Variance 0.347632

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 5.83915E-018	10% of values less than 4.57087E-016	25% of values less than 1.49556E-012
50% of values less than 0.1864	75% of values less than 0.1864	90% of values less than 0.1864
Minimum 0.05 less than 0.1864	Maximum 0.1864	
Mean 0.106328	SD 0.0923169	Variance 0.00852241

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 3.49206E-017
50% of values less than 2.7846E-013	75% of values less than 2.59113E-010	90% of values less than 0.0264
Minimum 0.0es less than 0.0264	Maximum 0.0264	
Mean 0.0058022	SD 0.0109376	Variance 0.000119632

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 0.177898	10% of values less than 0.197475	25% of values less than 0.233527
50% of values less than 0.299614	75% of values less than 0.361851	90% of values less than 0.429473
Minimum 0.134497 than 0.475897	Maximum 0.711893	
Mean 0.3055	SD 0.0926831	Variance 0.00859015

Retarded Travel Time to Tank Farm Receptor years

05% of values less than 0.318093	10% of values less than 0.351074	25% of values less than 0.419483
50% of values less than 0.534612	75% of values less than 0.665264	90% of values less than 0.785108
Minimum 0.231211 than 0.878834	Maximum 1.45509	
Mean 0.557081	SD 0.178141	Variance 0.0317342

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 0.177898	10% of values less than 0.197475	25% of values less than 0.233527
50% of values less than 0.299614	75% of values less than 0.361851	90% of values less than 0.429473
Minimum 0.134497 than 0.475897	Maximum 0.711893	
Mean 0.3055	SD 0.0926831	Variance 0.00859015

Retarded Travel Time to Tank Farm Receptor years

05% of values less than 0.360122	10% of values less than 0.415281	25% of values less than 0.549358
50% of values less than 0.768102	75% of values less than 1.05457	90% of values less than 1.32987
Minimum 0.237038 than 1.50195	Maximum 2.65687	
Mean 0.833639	SD 0.372724	Variance 0.138923

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 0.1864	10% of values less than 0.1864	25% of values less than 0.1864
50% of values less than 0.1864	75% of values less than 0.1864	90% of values less than 0.1864
Minimum 0.000217741	Maximum 0.1864	
Mean 0.183165	SD 0.0239392	Variance 0.000573085

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 0.000191922	10% of values less than 0.000966233	25% of values less than 0.00824839
50% of values less than 0.0264	75% of values less than 0.0264	90% of values less than 0.0264
Minimum 5.77611E-007 0.0264	Maximum 0.0264	
Mean 0.0198045	SD 0.0106169	Variance 0.000112718

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0.0381994	10% of values less than 0.0559779	25% of values less than 0.0914617
50% of values less than 0.148782	75% of values less than 0.211999	90% of values less than 0.264997
Minimum 0.00617881	Maximum 0.476968	
Mean 0.155672	SD 0.0816234	Variance 0.00666238

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor years

05% of values less than 0.0702367	10% of values less than 0.101281	25% of values less than 0.163222
50% of values less than 0.263972	75% of values less than 0.387305	90% of values less than 0.484884
Minimum 0.01218221	Maximum 0.974909	
Mean 0.283757	SD 0.151494	Variance 0.0229503

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0.0381994	10% of values less than 0.0559779	25% of values less than 0.0914617
50% of values less than 0.148782	75% of values less than 0.211999	90% of values less than 0.264997
Minimum 0.00617881	Maximum 0.476968	
Mean 0.155672	SD 0.0816234	Variance 0.00666238

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor years

05% of values less than 0.0910108	10% of values less than 0.133517	25% of values less than 0.224938
50% of values less than 0.368138	75% of values less than 0.577249	90% of values less than 0.766613
Minimum 0.01562421	Maximum 1.60482	
Mean 0.425028	SD 0.268036	Variance 0.0718434

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0.1864	10% of values less than 0.1864	25% of values less than 0.1864
50% of values less than 0.1864	75% of values less than 0.1864	90% of values less than 0.1864
Minimum 0.1864ss than 0.1864	Maximum 0.1864	
Mean 0.1864	SD 2.17363E-008	Variance 4.72465E-016

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0.0264	10% of values less than 0.0264	25% of values less than 0.0264
50% of values less than 0.0264	75% of values less than 0.0264	90% of values less than 0.0264
Minimum 0.000613401	Maximum 0.0264	
Mean 0.0257967	SD 0.00334615	Variance 1.11967E-005

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0	10% of values less than 0.0112852	25% of values less than 0.0468739
50% of values less than 0.104736	75% of values less than 0.169585	90% of values less than 0.223773
Minimum 0.es less than 0.266604	Maximum 1E+006	
Mean 20979.1	SD 143386	Variance 2.05594E+010

Retarded Travel Time to TCE - waste/oil Receptor years

05% of values less than 0	10% of values less than 0.0198285	25% of values less than 0.0854608
50% of values less than 0.189596	75% of values less than 0.307168	90% of values less than 0.409552
Minimum 0.es less than 0.476695	Maximum 1.97161E+006	
Mean 37195.9	SD 254701	Variance 6.48725E+010

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0	10% of values less than 0.0112852	25% of values less than 0.0468739
50% of values less than 0.104736	75% of values less than 0.169585	90% of values less than 0.223773
Minimum 0.es less than 0.266604	Maximum 1E+006	
Mean 20979.1	SD 143386	Variance 2.05594E+010

Retarded Travel Time to TCE - waste/oil Receptor years

05% of values less than 0	10% of values less than 0.0298014	25% of values less than 0.120273
50% of values less than 0.252549	75% of values less than 0.445693	90% of values less than 0.650663
Minimum 0.es less than 0.866327	Maximum 3.8999E+006	
Mean 54775.1	SD 387267	Variance 1.49976E+011

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0.1864	10% of values less than 0.1864	25% of values less than 0.1864
50% of values less than 0.1864	75% of values less than 0.1864	90% of values less than 0.1864
Minimum 0.05 less than 0.1864	Maximum 0.1864	
Mean 0.18249	SD 0.0267271	Variance 0.000714337

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0.0264	10% of values less than 0.0264	25% of values less than 0.0264
50% of values less than 0.0264	75% of values less than 0.0264	90% of values less than 0.0264
Minimum 0.000000	Maximum 0.0264	
Mean 0.0255297	SD 0.00471608	Variance 2.22414E-005

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 1.48405	10% of values less than 1.5094	25% of values less than 1.57879
50% of values less than 1.68326	75% of values less than 1.97986	90% of values less than 2.26982
Minimum 1.41137s than 2.48517	Maximum 3.1221	
Mean 1.80979	SD 0.320656	Variance 0.10282

Retarded Travel Time to VC MFB 50m years

05% of values less than 2.63263	10% of values less than 2.70672	25% of values less than 2.8362
50% of values less than 3.05492	75% of values less than 3.58037	90% of values less than 4.24345
Minimum 2.42711s than 4.75867	Maximum 6.4498	
Mean 3.30131	SD 0.681268	Variance 0.464126

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 1.48405	10% of values less than 1.5094	25% of values less than 1.57879
50% of values less than 1.68326	75% of values less than 1.97986	90% of values less than 2.26982
Minimum 1.41137s than 2.48517	Maximum 3.1221	
Mean 1.80979	SD 0.320656	Variance 0.10282

Retarded Travel Time to VC MFB 50m years

05% of values less than 2.54182	10% of values less than 2.81266	25% of values less than 3.58257
50% of values less than 4.72622	75% of values less than 5.90272	90% of values less than 7.21968
Minimum 2.12947s than 8.23673	Maximum 14.0664	
Mean 4.93618	SD 1.82651	Variance 3.33614

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 1.62771E-009	10% of values less than 4.6134E-009	25% of values less than 2.33818E-008
50% of values less than 1.43381E-007	75% of values less than 8.62313E-007	90% of values less than 3.55274E-006
Minimum 1.59015E-011 6.86488E-006	Maximum 3.70441E-005	
Mean 1.34011E-006	SD 3.54083E-006	Variance 1.25375E-011

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 1.87187E-009	10% of values less than 1.62915E-008	25% of values less than 1.29515E-007
50% of values less than 8.4607E-007	75% of values less than 4.27597E-006	90% of values less than 1.70114E-005
Minimum 2.55916E-013 3.31792E-005	Maximum 0.00011315	
Mean 5.90534E-006	SD 1.35412E-005	Variance 1.83365E-010

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 1.26574	10% of values less than 1.28929	25% of values less than 1.35435
50% of values less than 1.45334	75% of values less than 1.70327	90% of values less than 1.95382
Minimum 1.19598s than 2.15105	Maximum 2.71257	
Mean 1.55562	SD 0.278095	Variance 0.077337

Retarded Travel Time to Boiler House 50m years

05% of values less than 2.24343	10% of values less than 2.31205	25% of values less than 2.43308
50% of values less than 2.6313	75% of values less than 3.0705	90% of values less than 3.66015
Minimum 2.05608s than 4.10099	Maximum 5.60377	
Mean 2.83763	SD 0.589162	Variance 0.347112

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 1.26574	10% of values less than 1.28929	25% of values less than 1.35435
50% of values less than 1.45334	75% of values less than 1.70327	90% of values less than 1.95382
Minimum 1.19598s than 2.15105	Maximum 2.71257	
Mean 1.55562	SD 0.278095	Variance 0.077337

Retarded Travel Time to Boiler House 50m years

05% of values less than 2.19004	10% of values less than 2.41661	25% of values less than 3.06851
50% of values less than 4.06762	75% of values less than 5.07908	90% of values less than 6.20593
Minimum 1.83907s than 7.07087	Maximum 12.1188	
Mean 4.24299	SD 1.57278	Variance 2.47364

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 1.60333E-010	10% of values less than 4.52225E-010	25% of values less than 2.49903E-009
50% of values less than 2.48225E-008	75% of values less than 2.14401E-007	90% of values less than 8.53321E-007
Minimum 1.03321E-012 1.63578E-006	Maximum 8.96837E-006	
Mean 3.15599E-007	SD 8.63416E-007	Variance 7.45487E-013

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 2.69219E-010	10% of values less than 1.03833E-009	25% of values less than 6.00565E-009
50% of values less than 8.54733E-008	75% of values less than 8.18217E-007	90% of values less than 2.96351E-006
Minimum 2.92214E-013 5.2701E-006	Maximum 2.48184E-005	
Mean 1.01866E-006	SD 2.50575E-006	Variance 6.2788E-012

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 1.58521	10% of values less than 1.61209	25% of values less than 1.68297
50% of values less than 1.78928	75% of values less than 2.11112	90% of values less than 2.41818
Minimum 1.51199s than 2.64421	Maximum 3.31342	
Mean 1.92853	SD 0.340672	Variance 0.116057

Retarded Travel Time to Lead MFB 50m years

05% of values less than 2.81672	10% of values less than 2.88959	25% of values less than 3.02708
50% of values less than 3.24906	75% of values less than 3.80614	90% of values less than 4.51258
Minimum 2.60044s than 5.07195	Maximum 6.84503	
Mean 3.51792	SD 0.72451	Variance 0.524914

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 1.58521	10% of values less than 1.61209	25% of values less than 1.68297
50% of values less than 1.78928	75% of values less than 2.11112	90% of values less than 2.41818
Minimum 1.51199s than 2.64421	Maximum 3.31342	
Mean 1.92853	SD 0.340672	Variance 0.116057

Retarded Travel Time to Lead MFB 50m years

05% of values less than 2.70343	10% of values less than 2.98879	25% of values less than 3.81989
50% of values less than 5.02541	75% of values less than 6.3006	90% of values less than 7.69489
Minimum 2.26509s than 8.78155	Maximum 14.9762	
Mean 5.26001	SD 1.94524	Variance 3.78398

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 2.83145E-018	10% of values less than 1.16127E-017	25% of values less than 1.44681E-016
50% of values less than 1.7981E-015	75% of values less than 2.96748E-014	90% of values less than 2.74719E-013
Minimum 5.7636E-021n 8.32858E-013	Maximum 1.07721E-011	
Mean 1.66962E-013	SD 7.3201E-013	Variance 5.35839E-025

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 5.9053E-018	10% of values less than 6.80432E-017	25% of values less than 7.75747E-016
50% of values less than 1.30706E-014	75% of values less than 1.67769E-013	90% of values less than 1.54988E-012
Minimum 9.40517E-022	5.22921E-012	Maximum 3.57869E-011
Mean 9.19708E-013	SD 3.43736E-012	Variance 1.18155E-023

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 1.03096	10% of values less than 1.05256	25% of values less than 1.11298
50% of values less than 1.20783	75% of values less than 1.41248	90% of values less than 1.62156
Minimum 0.964389	Maximum 2.27224	
Mean 1.28233	SD 0.23297	Variance 0.0542751

Retarded Travel Time to BH Lead 50m years

05% of values less than 1.82922	10% of values less than 1.89233	25% of values less than 2.00612
50% of values less than 2.17904	75% of values less than 2.5437	90% of values less than 3.04328
Minimum 1.65714	Maximum 4.69411	
Mean 2.33907	SD 0.491161	Variance 0.241239

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 1.03096	10% of values less than 1.05256	25% of values less than 1.11298
50% of values less than 1.20783	75% of values less than 1.41248	90% of values less than 1.62156
Minimum 0.964389	Maximum 2.27224	
Mean 1.28233	SD 0.23297	Variance 0.0542751

Retarded Travel Time to BH Lead 50m years

05% of values less than 1.80809	10% of values less than 1.977	25% of values less than 2.51113
50% of values less than 3.35689	75% of values less than 4.20191	90% of values less than 5.11569
Minimum 1.50622s	Maximum 10.0247	
Mean 3.49766	SD 1.30095	Variance 1.69248

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 6.46224E-011	10% of values less than 1.59315E-010	25% of values less than 1.1557E-009
50% of values less than 1.83477E-008	75% of values less than 1.71664E-007	90% of values less than 7.58327E-007
Minimum 5.81639E-013 1.60808E-006	Maximum 8.76581E-006	
Mean 2.93758E-007	SD 8.27249E-007	Variance 6.84341E-013

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 7.75528E-011	10% of values less than 2.10502E-010	25% of values less than 1.78671E-009
50% of values less than 3.11839E-008	75% of values less than 3.75992E-007	90% of values less than 1.67489E-006
Minimum 2.03562E-013 2.79404E-006	Maximum 1.40718E-005	
Mean 5.62084E-007	SD 1.45303E-006	Variance 2.1113E-012

Project: Ford Bridgend CWRA Groundwater Source Assessment

Project Number: 21476577

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.793196	10% of values less than 0.815678	25% of values less than 0.867402
50% of values less than 0.95688	75% of values less than 1.10785	90% of values less than 1.27712
Minimum 0.732113 than 1.40389	Maximum 1.8306	
Mean 1.00822	SD 0.188837	Variance 0.0356596

Retarded Travel Time to Lead Boiler House Receptor years

05% of values less than 1.41185	10% of values less than 1.46301	25% of values less than 1.56705
50% of values less than 1.72571	75% of values less than 2.00533	90% of values less than 2.42493
Minimum 1.25702s than 2.65743	Maximum 3.78175	
Mean 1.83904	SD 0.394723	Variance 0.155806

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.793196	10% of values less than 0.815678	25% of values less than 0.867402
50% of values less than 0.95688	75% of values less than 1.10785	90% of values less than 1.27712
Minimum 0.732113 than 1.40389	Maximum 1.8306	
Mean 1.00822	SD 0.188837	Variance 0.0356596

Retarded Travel Time to Lead Boiler House Receptor years

05% of values less than 1.41279	10% of values less than 1.54053	25% of values less than 1.96958
50% of values less than 2.63225	75% of values less than 3.30413	90% of values less than 4.0253
Minimum 1.17237s than 4.60897	Maximum 7.92443	
Mean 2.75012	SD 1.03014	Variance 1.06118

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 3.03834E-013	10% of values less than 1.07329E-012	25% of values less than 2.01491E-011
50% of values less than 8.5908E-010	75% of values less than 1.58638E-008	90% of values less than 1.00797E-007
Minimum 5.67902E-015	2.22101E-007	Maximum 1.32618E-006
Mean 3.97162E-008	SD 1.24095E-007	Variance 1.53996E-014

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 2.69545E-013	10% of values less than 1.10513E-012	25% of values less than 1.90877E-011
50% of values less than 8.86959E-010	75% of values less than 2.18247E-008	90% of values less than 1.18764E-007
Minimum 1.81134E-015 2.54649E-007	Maximum 1.24436E-006	
Mean 4.50808E-008	SD 1.31969E-007	Variance 1.74159E-014

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 1.35352	10% of values less than 1.37729	25% of values less than 1.44439
50% of values less than 1.54436	75% of values less than 1.81164	90% of values less than 2.0839
Minimum 1.28234s than 2.28674	Maximum 2.87677	
Mean 1.65753	SD 0.295106	Variance 0.0870876

Retarded Travel Time to Lead MFB core and store Receptor years

05% of values less than 2.40037	10% of values less than 2.46984	25% of values less than 2.59408
50% of values less than 2.80167	75% of values less than 3.27474	90% of values less than 3.89165
Minimum 2.20485s than 4.36252	Maximum 5.94299	
Mean 3.02354	SD 0.626005	Variance 0.391883

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 1.35352	10% of values less than 1.37729	25% of values less than 1.44439
50% of values less than 1.54436	75% of values less than 1.81164	90% of values less than 2.0839
Minimum 1.28234s than 2.28674	Maximum 2.87677	
Mean 1.65753	SD 0.295106	Variance 0.0870876

Retarded Travel Time to Lead MFB core and store Receptor years

05% of values less than 2.32552	10% of values less than 2.57176	25% of values less than 3.2821
50% of values less than 4.33526	75% of values less than 5.40799	90% of values less than 6.62338
Minimum 1.95555s than 7.5381	Maximum 12.8997	
Mean 4.52092	SD 1.67443	Variance 2.80373

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 5.39532E-019	10% of values less than 2.17577E-018	25% of values less than 3.2891E-017
50% of values less than 5.22457E-016	75% of values less than 1.01109E-014	90% of values less than 1.15683E-013
Minimum 1.27252E-021 3.41844E-013	Maximum 4.57027E-012	
Mean 7.08783E-014	SD 3.12888E-013	Variance 9.78986E-026

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 1.2459E-018	10% of values less than 7.47817E-018	25% of values less than 1.10965E-016
50% of values less than 2.58886E-015	75% of values less than 3.80538E-014	90% of values less than 3.92774E-013
Minimum 1.14579E-021 1.27121E-012	Maximum 1.04509E-011	
Mean 2.36059E-013	SD 9.15923E-013	Variance 8.38916E-025

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 0.24265	10% of values less than 0.26448	25% of values less than 0.302195
50% of values less than 0.371646	75% of values less than 0.441074	90% of values less than 0.516386
Minimum 0.198336 than 0.565736	Maximum 0.82877	
Mean 0.38004	SD 0.100262	Variance 0.0100525

Retarded Travel Time to TCE waste oil 50m years

05% of values less than 0.440241	10% of values less than 0.473134	25% of values less than 0.548026
50% of values less than 0.663312	75% of values less than 0.802258	90% of values less than 0.94645
Minimum 0.340021 than 1.0559	Maximum 1.69398	
Mean 0.693062	SD 0.196004	Variance 0.0384177

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 0.24265	10% of values less than 0.26448	25% of values less than 0.302195
50% of values less than 0.371646	75% of values less than 0.441074	90% of values less than 0.516386
Minimum 0.198336 than 0.565736	Maximum 0.82877	
Mean 0.38004	SD 0.100262	Variance 0.0100525

Retarded Travel Time to TCE waste oil 50m years

05% of values less than 0.478424	10% of values less than 0.548958	25% of values less than 0.703175
50% of values less than 0.966948	75% of values less than 1.29336	90% of values less than 1.62041
Minimum 0.340529 than 1.80929	Maximum 3.18027	
Mean 1.03693	SD 0.435038	Variance 0.189258

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0.1864	25% of values less than 0.1864
50% of values less than 0.1864	75% of values less than 0.1864	90% of values less than 0.1864
Minimum 0.es less than 0.1864	Maximum 0.1864	
Mean 0.172434	SD 0.0490981	Variance 0.00241063

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0.0264	75% of values less than 0.0264	90% of values less than 0.0264
Minimum 0.0es less than 0.0264	Maximum 0.0264	
Mean 0.0141626	SD 0.0131714	Variance 0.000173487

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 0.288514	10% of values less than 0.309623	25% of values less than 0.349803
50% of values less than 0.418588	75% of values less than 0.492054	90% of values less than 0.576168
Minimum 0.240931 than 0.624658	Maximum 0.906753	
Mean 0.429775	SD 0.105897	Variance 0.0112142

Retarded Travel Time to TF Lagoon CHC 50 m years

05% of values less than 0.520102	10% of values less than 0.553078	25% of values less than 0.630052
50% of values less than 0.748583	75% of values less than 0.894586	90% of values less than 1.05816
Minimum 0.412622 than 1.17197	Maximum 1.85636	
Mean 0.783791	SD 0.209122	Variance 0.0437321

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 0.288514	10% of values less than 0.309623	25% of values less than 0.349803
50% of values less than 0.418588	75% of values less than 0.492054	90% of values less than 0.576168
Minimum 0.240931 than 0.624658	Maximum 0.906753	
Mean 0.429775	SD 0.105897	Variance 0.0112142

Retarded Travel Time to TF Lagoon CHC 50 m years

05% of values less than 0.558633	10% of values less than 0.630916	25% of values less than 0.806851
50% of values less than 1.09487	75% of values less than 1.43885	90% of values less than 1.81519
Minimum 0.40958s than 1.99832	Maximum 3.5295	
Mean 1.17256	SD 0.478656	Variance 0.229112

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 0.00655749	10% of values less than 0.0148316	25% of values less than 0.1864
50% of values less than 0.1864	75% of values less than 0.1864	90% of values less than 0.1864
Minimum 0.0005389661 0.1864	Maximum 0.1864	
Mean 0.160863	SD 0.0619016	Variance 0.00383181

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 0.00104478	10% of values less than 0.00204136	25% of values less than 0.00513675
50% of values less than 0.0133547	75% of values less than 0.0264	90% of values less than 0.0264
Minimum 0.000112216	Maximum 0.0264	
Mean 0.0150393	SD 0.0102437	Variance 0.000104933

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0.633317	10% of values less than 0.655354	25% of values less than 0.705702
50% of values less than 0.78951	75% of values less than 0.912272	90% of values less than 1.05642
Minimum 0.577212	Maximum 1.53608	
Mean 0.82543	SD 0.160494	Variance 0.0257584

Retarded Travel Time to ETP 50m years

05% of values less than 1.13268	10% of values less than 1.17648	25% of values less than 1.2717
50% of values less than 1.42139	75% of values less than 1.64195	90% of values less than 1.9933
Minimum 0.990182	Maximum 3.17331	
Mean 1.50557	SD 0.332243	Variance 0.110386

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0.633317	10% of values less than 0.655354	25% of values less than 0.705702
50% of values less than 0.78951	75% of values less than 0.912272	90% of values less than 1.05642
Minimum 0.577212 than 1.14332	Maximum 1.53608	
Mean 0.82543	SD 0.160494	Variance 0.0257584

Retarded Travel Time to ETP 50m years

05% of values less than 1.1477	10% of values less than 1.25088	25% of values less than 1.60697
50% of values less than 2.15581	75% of values less than 2.69686	90% of values less than 3.32506
Minimum 0.949735 than 3.80553	Maximum 6.52379	
Mean 2.2516	SD 0.851405	Variance 0.72489

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 6.22687E-015	10% of values less than 2.67061E-014	25% of values less than 1.23027E-012
50% of values less than 1.31139E-010	75% of values less than 4.21973E-009	90% of values less than 3.72519E-008
Minimum 1.54413E-016 8.56942E-008	Maximum 0.1864	
Mean 0.000186228	SD 0.00589154	Variance 3.47102E-005

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 3.79489E-015	10% of values less than 1.91316E-014	25% of values less than 7.70328E-013
50% of values less than 9.9019E-011	75% of values less than 4.02823E-009	90% of values less than 3.55642E-008
Minimum 3.77587E-017 8.67644E-008	Maximum 0.0264	
Mean 0.000290121	SD 0.0027536	Variance 7.58231E-006

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.419188	10% of values less than 0.441961	25% of values less than 0.485001
50% of values less than 0.560254	75% of values less than 0.647158	90% of values less than 0.753921
Minimum 0.368896 than 0.817476	Maximum 1.14168	
Mean 0.579602	SD 0.124954	Variance 0.0156135

Retarded Travel Time to Tank Farm 50m years

05% of values less than 0.757045	10% of values less than 0.785694	25% of values less than 0.871636
50% of values less than 1.0079	75% of values less than 1.17877	90% of values less than 1.40975
Minimum 0.631333 than 1.53759	Maximum 2.35507	
Mean 1.05712	SD 0.25274	Variance 0.0638777

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.419188	10% of values less than 0.441961	25% of values less than 0.485001
50% of values less than 0.560254	75% of values less than 0.647158	90% of values less than 0.753921
Minimum 0.368896	Maximum 1.14168	
Mean 0.579602	SD 0.124954	Variance 0.0156135

Retarded Travel Time to Tank Farm 50m years

05% of values less than 0.777102	10% of values less than 0.871852	25% of values less than 1.1111
50% of values less than 1.49536	75% of values less than 1.9041	90% of values less than 2.39744
Minimum 0.617598	Maximum 4.64017	
Mean 1.58118	SD 0.616034	Variance 0.379498

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0.000729803	10% of values less than 0.001531	25% of values less than 0.00495841
50% of values less than 0.0221003	75% of values less than 0.1864	90% of values less than 0.1864
Minimum 4.58595E-005 0.1864	Maximum 0.1864	
Mean 0.0946276	SD 0.0898393	Variance 0.00807111

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0.000161466	10% of values less than 0.00028201	25% of values less than 0.00093565
50% of values less than 0.00390772	75% of values less than 0.0100827	90% of values less than 0.0264
Minimum 1.47401E-005 0.0264	Maximum 0.0264	
Mean 0.00793604	SD 0.0093772	Variance 8.79319E-005

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.91823	10% of values less than 2.94737	25% of values less than 3.03045
50% of values less than 3.21714	75% of values less than 3.81023	90% of values less than 4.3681
Minimum 2.82382s than 4.72821	Maximum 5.80767	
Mean 3.47659	SD 0.605208	Variance 0.366277

Retarded Travel Time to DCE Receptor years

05% of values less than 5.14966	10% of values less than 5.24767	25% of values less than 5.46722
50% of values less than 5.84152	75% of values less than 6.85344	90% of values less than 8.07474
Minimum 4.8318ss than 9.18876	Maximum 11.9978	
Mean 6.34199	SD 1.29397	Variance 1.67437

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.91823	10% of values less than 2.94737	25% of values less than 3.03045
50% of values less than 3.21714	75% of values less than 3.81023	90% of values less than 4.3681
Minimum 2.82382s than 4.72821	Maximum 5.80767	
Mean 3.47659	SD 0.605208	Variance 0.366277

Retarded Travel Time to DCE Receptor years

05% of values less than 4.91297	10% of values less than 5.40612	25% of values less than 6.86433
50% of values less than 9.08804	75% of values less than 11.3427	90% of values less than 13.8648
Minimum 4.03332s than 15.9199	Maximum 26.838	
Mean 9.4819	SD 3.49851	Variance 12.2396

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 4.13011E-010	10% of values less than 2.95579E-009	25% of values less than 3.63998E-008
50% of values less than 4.68581E-007	75% of values less than 4.12582E-006	90% of values less than 1.1869E-005
Minimum 6.21822E-013	1.99293E-005	Maximum 7.74377E-005
Mean 4.00409E-006	SD 8.05619E-006	Variance 6.49021E-011

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 3.30218E-009	10% of values less than 7.84954E-008	25% of values less than 5.71424E-006
50% of values less than 0.00012827	75% of values less than 0.00056969	90% of values less than 0.00109139
Minimum 5.48525E-017 0.00170744	Maximum 0.00401301	
Mean 0.000399673	SD 0.000596207	Variance 3.55463E-007

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.00628	10% of values less than 3.03555	25% of values less than 3.11887
50% of values less than 3.31281	75% of values less than 3.91938	90% of values less than 4.49308
Minimum 2.91096s than 4.86824	Maximum 5.97334	
Mean 3.57942	SD 0.622901	Variance 0.388005

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 5.30558	10% of values less than 5.40815	25% of values less than 5.63018
50% of values less than 6.0136	75% of values less than 7.05373	90% of values less than 8.3052
Minimum 4.97876s than 9.4705	Maximum 12.34	
Mean 6.52957	SD 1.33199	Variance 1.7742

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.00628	10% of values less than 3.03555	25% of values less than 3.11887
50% of values less than 3.31281	75% of values less than 3.91938	90% of values less than 4.49308
Minimum 2.91096s than 4.86824	Maximum 5.97334	
Mean 3.57942	SD 0.622901	Variance 0.388005

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 5.06081	10% of values less than 5.56902	25% of values less than 7.06123
50% of values less than 9.36437	75% of values less than 11.679	90% of values less than 14.2657
Minimum 4.15077s than 16.3923	Maximum 27.6259	
Mean 9.76233	SD 3.60186	Variance 12.9734

Tank Farm Lagoon CHCs - 1,2-Dichloroethene (1,2-DCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 2.53232E-011	10% of values less than 2.06123E-010	25% of values less than 2.72636E-009
50% of values less than 4.36507E-008	75% of values less than 3.78842E-007	90% of values less than 1.06253E-006
Minimum 1.02862E-014	2.1132E-006	Maximum 7.56371E-006
Mean 4.20229E-007	SD 9.45721E-007	Variance 8.94389E-013

Tank Farm Lagoon CHCs - Trichloroethene (TCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 1.80134E-010	10% of values less than 5.83603E-009	25% of values less than 5.38323E-007
50% of values less than 1.27601E-005	75% of values less than 6.29005E-005	90% of values less than 0.000181935
Minimum 3.67607E-018 0.000265339	Maximum 0.000842034	
Mean 5.7227E-005	SD 0.000106081	Variance 1.12532E-008

Source Inventory:

Trichloroethene (TCE)

Aquifer Source Concentration [mg/l] SINGLE(0.02555)

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 1.26697	10% of values less than 1.28683	25% of values less than 1.33992
50% of values less than 1.42206	75% of values less than 1.66326	90% of values less than 1.91474
Minimum 1.22278s than 2.07317	Maximum 2.53206	
Mean 1.53066	SD 0.267987	Variance 0.071817

Retarded Travel Time to VC Main Factory Building Receptor years

05% of values less than 2.18685	10% of values less than 2.38521	25% of values less than 3.0381
50% of values less than 3.98865	75% of values less than 4.95943	90% of values less than 6.07698
Minimum 1.70463s than 6.98655	Maximum 11.7644	
Mean 4.17281	SD 1.54064	Variance 2.37357

TCE - waste/oil - Trichloroethene (TCE)

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 1.46512E-009	10% of values less than 5.75863E-009	25% of values less than 4.13827E-008
50% of values less than 1.54252E-007	75% of values less than 5.08514E-007	90% of values less than 1.43763E-006
Minimum 5.87783E-013 2.31961E-006	Maximum 5.82482E-006	
Mean 4.93412E-007	SD 8.37116E-007	Variance 7.00764E-013

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to Lead MFB [years]

05% of values less than 1.60578	10% of values less than 1.62726	25% of values less than 1.68233
50% of values less than 1.78816	75% of values less than 2.0955	90% of values less than 2.40256
Minimum 1.55784s than 2.59707	Maximum 3.1694	
Mean 1.92535	SD 0.335482	Variance 0.112548

Retarded Travel Time to Lead MFB years

05% of values less than 2.723	10% of values less than 3.00754	25% of values less than 3.81396
50% of values less than 5.02866	75% of values less than 6.23873	90% of values less than 7.67478
Minimum 2.15545s than 8.83643	Maximum 14.8224	
Mean 5.24921	SD 1.9367	Variance 3.75081

TCE - waste/oil - Trichloroethene (TCE)

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 2.08246E-006	10% of values less than 1.39825E-005	25% of values less than 0.000149499
50% of values less than 0.000856602	75% of values less than 0.00197892	90% of values less than 0.00292586
Minimum 2.17849E-010 0.00346741	Maximum 0.00510904	
Mean 0.00120396	SD 0.00116542	Variance 1.3582E-006

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 1.04999	10% of values less than 1.06909	25% of values less than 1.11871
50% of values less than 1.18898	75% of values less than 1.39204	90% of values less than 1.59782
Minimum 1.00858s than 1.74052	Maximum 2.12467	
Mean 1.27833	SD 0.225144	Variance 0.05069

Retarded Travel Time to Boiler House Receptor years

05% of values less than 1.82621	10% of values less than 1.99256	25% of values less than 2.53713
50% of values less than 3.32606	75% of values less than 4.13991	90% of values less than 5.08445
Minimum 1.41641s than 5.84966	Maximum 9.80942	
Mean 3.48465	SD 1.2879	Variance 1.65868

TCE - waste/oil - Trichloroethene (TCE)

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 0.420669	10% of values less than 0.437638	25% of values less than 0.475396
50% of values less than 0.523523	75% of values less than 0.59968	90% of values less than 0.699434
Minimum 0.385628 than 0.759167	Maximum 0.961044	
Mean 0.548139	SD 0.10555	Variance 0.0111407

Retarded Travel Time to ETP Receptor years

05% of values less than 0.777627	10% of values less than 0.848405	25% of values less than 1.09328
50% of values less than 1.40856	75% of values less than 1.77689	90% of values less than 2.25797
Minimum 0.56262s than 2.52572	Maximum 4.15199	
Mean 1.49327	SD 0.563531	Variance 0.317567

TCE - waste/oil - Trichloroethene (TCE)

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.02555
Minimum 0.0es less than 0.02555	Maximum 0.02555	
Mean 0.00505385	SD 0.0101827	Variance 0.000103688

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 0.204921	10% of values less than 0.219813	25% of values less than 0.25354
50% of values less than 0.292941	75% of values less than 0.339217	90% of values less than 0.390748
Minimum 0.174635 than 0.444593	Maximum 0.582328	
Mean 0.302311	SD 0.0710328	Variance 0.00504566

Retarded Travel Time to Tank Farm Receptor years

05% of values less than 0.413842	10% of values less than 0.459896	25% of values less than 0.583764
50% of values less than 0.763053	75% of values less than 0.983125	90% of values less than 1.26711
Minimum 0.261851 than 1.45655	Maximum 2.36993	
Mean 0.822844	SD 0.330776	Variance 0.109413

TCE - waste/oil - Trichloroethene (TCE)

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0.02555
50% of values less than 0.02555	75% of values less than 0.02555	90% of values less than 0.02555
Minimum 0.000000	Maximum 0.02555	
Mean 0.0194752	SD 0.0108824	Variance 0.000118427

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0.0679633	10% of values less than 0.0814577	25% of values less than 0.110394
50% of values less than 0.150485	75% of values less than 0.188612	90% of values less than 0.21908
Minimum 0.0460384	Maximum 0.351509	
Mean 0.152484	SD 0.0558089	Variance 0.00311464

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor years

05% of values less than 0.167462	10% of values less than 0.196851	25% of values less than 0.259843
50% of values less than 0.369862	75% of values less than 0.515008	90% of values less than 0.708513
Minimum 0.0760981	Maximum 1.42406	
Mean 0.414233	SD 0.206569	Variance 0.0426708

TCE - waste/oil - Trichloroethene (TCE)

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0.02555	10% of values less than 0.02555	25% of values less than 0.02555
50% of values less than 0.02555	75% of values less than 0.02555	90% of values less than 0.02555
Minimum 0.000000	Maximum 0.02555	
Mean 0.0251161	SD 0.0033029	Variance 1.09092E-005

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0.0225453	10% of values less than 0.0333022	25% of values less than 0.0616996
50% of values less than 0.101264	75% of values less than 0.140152	90% of values less than 0.166745
Minimum 0.00161926an 0.190284	Maximum 0.278356	
Mean 0.102749	SD 0.0526526	Variance 0.00277229

Retarded Travel Time to TCE - waste/oil Receptor years

05% of values less than 0.0621147	10% of values less than 0.0836041	25% of values less than 0.144886
50% of values less than 0.247271	75% of values less than 0.378411	90% of values less than 0.527712
Minimum 0.00239175an 0.60015	Maximum 1.12181	
Mean 0.278595	SD 0.174879	Variance 0.0305825

TCE - waste/oil - Trichloroethene (TCE)

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0.02555	10% of values less than 0.02555	25% of values less than 0.02555
50% of values less than 0.02555	75% of values less than 0.02555	90% of values less than 0.02555
Minimum 0.01511171an 0.02555	Maximum 0.02555	
Mean 0.0255396	SD 0.000329923	Variance 1.08849E-007

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 1.5039	10% of values less than 1.52497	25% of values less than 1.57934
50% of values less than 1.67963	75% of values less than 1.96434	90% of values less than 2.25748
Minimum 1.45704s than 2.43874	Maximum 2.97766	
Mean 1.80661	SD 0.315132	Variance 0.0993083

Retarded Travel Time to VC MFB 50m years

05% of values less than 2.56095	10% of values less than 2.82285	25% of values less than 3.58
50% of values less than 4.71766	75% of values less than 5.84839	90% of values less than 7.18929
Minimum 2.01982s than 8.28274	Maximum 13.9025	
Mean 4.92538	SD 1.81748	Variance 3.30324

TCE - waste/oil - Trichloroethene (TCE)

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 4.42928E-009	10% of values less than 2.20225E-008	25% of values less than 2.26669E-007
50% of values less than 1.00064E-006	75% of values less than 3.0141E-006	90% of values less than 7.06735E-006
Minimum 4.6198E-013n 1.15638E-005	Maximum 2.67662E-005	
Mean 2.58272E-006	SD 4.00454E-006	Variance 1.60363E-011

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 1.28561	10% of values less than 1.30562	25% of values less than 1.35855
50% of values less than 1.44295	75% of values less than 1.68775	90% of values less than 1.94177
Minimum 1.24127s than 2.10144	Maximum 2.56722	
Mean 1.55243	SD 0.271698	Variance 0.0738197

Retarded Travel Time to Boiler House 50m years

05% of values less than 2.21707	10% of values less than 2.41982	25% of values less than 3.07962
50% of values less than 4.04584	75% of values less than 5.03342	90% of values less than 6.16711
Minimum 1.7295ss than 7.08939	Maximum 11.9331	
Mean 4.23219	SD 1.56247	Variance 2.44132

TCE - waste/oil - Trichloroethene (TCE)

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 1.60578	10% of values less than 1.62726	25% of values less than 1.68233
50% of values less than 1.78816	75% of values less than 2.0955	90% of values less than 2.40256
Minimum 1.55784s than 2.59707	Maximum 3.1694	
Mean 1.92535	SD 0.335482	Variance 0.112548

Retarded Travel Time to Lead MFB 50m years

05% of values less than 2.723	10% of values less than 3.00754	25% of values less than 3.81396
50% of values less than 5.02866	75% of values less than 6.23873	90% of values less than 7.67478
Minimum 2.15545s than 8.83643	Maximum 14.8224	
Mean 5.24921	SD 1.9367	Variance 3.75081

TCE - waste/oil - Trichloroethene (TCE)

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 2.08246E-006	10% of values less than 1.39825E-005	25% of values less than 0.000149499
50% of values less than 0.000856602	75% of values less than 0.00197892	90% of values less than 0.00292586
Minimum 2.17849E-010 0.00346741	Maximum 0.00510904	
Mean 0.00120396	SD 0.00116542	Variance 1.3582E-006

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 1.05069	10% of values less than 1.06978	25% of values less than 1.11942
50% of values less than 1.18972	75% of values less than 1.3929	90% of values less than 1.59876
Minimum 1.00927s than 1.74163	Maximum 2.12598	
Mean 1.27914	SD 0.225282	Variance 0.0507518

Retarded Travel Time to BH Lead 50m years

05% of values less than 1.82738	10% of values less than 1.99385	25% of values less than 2.53879
50% of values less than 3.32816	75% of values less than 4.14248	90% of values less than 5.08766
Minimum 1.41734s than 5.85325	Maximum 9.8157	
Mean 3.48687	SD 1.28871	Variance 1.66077

TCE - waste/oil - Trichloroethene (TCE)

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.814642	10% of values less than 0.83386	25% of values less than 0.878654
50% of values less than 0.938436	75% of values less than 1.09584	90% of values less than 1.25769
Minimum 0.776579	Maximum 1.68373	
Mean 1.00504	SD 0.179249	Variance 0.0321304

Retarded Travel Time to Lead Boiler House Receptor years

05% of values less than 1.4387	10% of values less than 1.56439	25% of values less than 1.99675
50% of values less than 2.61303	75% of values less than 3.25383	90% of values less than 3.99378
Minimum 1.10425	Maximum 7.69198	
Mean 2.73933	SD 1.01493	Variance 1.03009

TCE - waste/oil - Trichloroethene (TCE)

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 1.37265	10% of values less than 1.39357	25% of values less than 1.44697
50% of values less than 1.54048	75% of values less than 1.79857	90% of values less than 2.06614
Minimum 1.32778s than 2.23668	Maximum 2.73179	
Mean 1.65434	SD 0.289089	Variance 0.0835725

Retarded Travel Time to Lead MFB core and store Receptor years

05% of values less than 2.35392	10% of values less than 2.58122	25% of values less than 3.27585
50% of values less than 4.31886	75% of values less than 5.35734	90% of values less than 6.57119
Minimum 1.84591s than 7.57158	Maximum 12.7227	
Mean 4.51013	SD 1.66468	Variance 2.77117

TCE - waste/oil - Trichloroethene (TCE)

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 7.20151E-006	10% of values less than 3.52137E-005	25% of values less than 0.000272766
50% of values less than 0.00120573	75% of values less than 0.00249139	90% of values less than 0.00347496
Minimum 2.70539E-009 0.00405516	Maximum 0.00571456	
Mean 0.00151516	SD 0.00135276	Variance 1.82997E-006

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 0.271857	10% of values less than 0.286963	25% of values less than 0.321436
50% of values less than 0.363027	75% of values less than 0.415388	90% of values less than 0.482895
Minimum 0.238612 than 0.539314	Maximum 0.697163	
Mean 0.376851	SD 0.0806822	Variance 0.00650962

Retarded Travel Time to TCE waste oil 50m years

05% of values less than 0.527458	10% of values less than 0.579554	25% of values less than 0.735492
50% of values less than 0.960493	75% of values less than 1.22033	90% of values less than 1.57876
Minimum 0.35305s than 1.78083	Maximum 2.89333	
Mean 1.02613	SD 0.399475	Variance 0.15958

TCE - waste/oil - Trichloroethene (TCE)

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0.00233513	10% of values less than 0.00335141	25% of values less than 0.00634224
50% of values less than 0.02555	75% of values less than 0.02555	90% of values less than 0.02555
Minimum 0.000486719	Maximum 0.02555	
Mean 0.0168949	SD 0.009862	Variance 9.72591E-005

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 0.314924	10% of values less than 0.330571	25% of values less than 0.367735
50% of values less than 0.409443	75% of values less than 0.469384	90% of values less than 0.545608
Minimum 0.2813ss than 0.609896	Maximum 0.773783	
Mean 0.426586	SD 0.0875921	Variance 0.00767238

Retarded Travel Time to TF Lagoon CHC 50 m years

05% of values less than 0.600259	10% of values less than 0.66281	25% of values less than 0.83451
50% of values less than 1.09485	75% of values less than 1.3771	90% of values less than 1.77326
Minimum 0.4139ss than 2.01997	Maximum 3.24256	
Mean 1.16177	SD 0.446454	Variance 0.199321

TCE - waste/oil - Trichloroethene (TCE)

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.02555	90% of values less than 0.02555
Minimum 0.es less than 0.02555	Maximum 0.02555	
Mean 0.0106437	SD 0.0126023	Variance 0.000158817

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0.65696	10% of values less than 0.676767	25% of values less than 0.718166
50% of values less than 0.772759	75% of values less than 0.893936	90% of values less than 1.03554
Minimum 0.62089s than 1.13524	Maximum 1.3888	
Mean 0.822242	SD 0.149081	Variance 0.0222252

Retarded Travel Time to ETP 50m years

05% of values less than 1.17602	10% of values less than 1.27853	25% of values less than 1.62807
50% of values less than 2.13279	75% of values less than 2.6652	90% of values less than 3.3015
Minimum 0.895463 than 3.75673	Maximum 6.27571	
Mean 2.24081	SD 0.833191	Variance 0.694208

TCE - waste/oil - Trichloroethene (TCE)

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0.02555	
Mean 0.000127622	SD 0.00180214	Variance 3.24771E-006

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.444789	10% of values less than 0.463005	25% of values less than 0.501012
50% of values less than 0.549678	75% of values less than 0.628395	90% of values less than 0.735486
Minimum 0.409896 than 0.802323	Maximum 1.0046	
Mean 0.576414	SD 0.109886	Variance 0.012075

Retarded Travel Time to Tank Farm 50m years

05% of values less than 0.819021	10% of values less than 0.89512	25% of values less than 1.1474
50% of values less than 1.48387	75% of values less than 1.86514	90% of values less than 2.37674
Minimum 0.597214 than 2.64337	Maximum 4.37106	
Mean 1.57038	SD 0.591075	Variance 0.34937

TCE - waste/oil - Trichloroethene (TCE)

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.02555
Minimum 0.es less than 0.02555	Maximum 0.02555	
Mean 0.00423706	SD 0.00950761	Variance 9.03946E-005

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.93192	10% of values less than 2.96047	25% of values less than 3.02056
50% of values less than 3.2075	75% of values less than 3.78861	90% of values less than 4.35139
Minimum 2.8712ss than 4.66139	Maximum 5.66918	
Mean 3.4734	SD 0.60233	Variance 0.362801

Retarded Travel Time to DCE Receptor years

05% of values less than 4.91819	10% of values less than 5.4131	25% of values less than 6.8859
50% of values less than 9.10102	75% of values less than 11.2903	90% of values less than 13.9044
Minimum 3.92367s than 15.9628	Maximum 26.8166	
Mean 9.4711	SD 3.49327	Variance 12.2029

TCE - waste/oil - Trichloroethene (TCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 3.50939E-014	10% of values less than 7.69699E-013	25% of values less than 6.23202E-011
50% of values less than 1.17514E-009	75% of values less than 5.76338E-009	90% of values less than 1.59928E-008
Minimum 6.39072E-022 3.18215E-008	Maximum 1.07065E-007	
Mean 6.0085E-009	SD 1.24347E-008	Variance 1.54622E-016

TCE - waste/oil - Trichloroethene (TCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.02024	10% of values less than 3.04888	25% of values less than 3.10962
50% of values less than 3.30192	75% of values less than 3.903	90% of values less than 4.48299
Minimum 2.95823s than 4.79617	Maximum 5.83522	
Mean 3.57623	SD 0.620106	Variance 0.384532

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 5.06275	10% of values less than 5.57553	25% of values less than 7.08793
50% of values less than 9.36953	75% of values less than 11.6237	90% of values less than 14.3103
Minimum 4.04112s than 16.4292	Maximum 27.6133	
Mean 9.75153	SD 3.59674	Variance 12.9365

TCE - waste/oil - Trichloroethene (TCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 2.8425E-024	10% of values less than 1.02986E-022	25% of values less than 9.58331E-021
50% of values less than 1.77715E-019	75% of values less than 1.31787E-018	90% of values less than 6.21069E-018
Minimum 0.es less than 1.53649E-017	Maximum 8.23146E-017	
Mean 2.65888E-018	SD 7.81307E-018	Variance 6.10441E-035

Source Inventory:

Lead

Aquifer Source Concentration [mg/l] SINGLE(0.009105)

Lead Boiler House - Lead

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 0.531375	10% of values less than 0.567125	25% of values less than 0.635262
50% of values less than 0.730008	75% of values less than 0.848177	90% of values less than 1.00771
Minimum 0.452295	Maximum 1.50381	
Mean 0.761502	SD 0.177616	Variance 0.0315474

Retarded Travel Time to VC Main Factory Building Receptor years

05% of values less than 1401.68	10% of values less than 1573.66	25% of values less than 1823.01
50% of values less than 2176.56	75% of values less than 2640.74	90% of values less than 3290.28
Minimum 1040.86	Maximum 6481.92	
Mean 2338.13	SD 785.977	Variance 617760

Lead Boiler House - Lead

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead Boiler House - Lead

Unretarded Travel Time to Lead MFB [years]

05% of values less than 0.882517	10% of values less than 0.914959	25% of values less than 0.991467
50% of values less than 1.0981	75% of values less than 1.26335	90% of values less than 1.47654
Minimum 0.786874 than 1.64625	Maximum 2.12588	
Mean 1.15619	SD 0.233963	Variance 0.0547388

Retarded Travel Time to Lead MFB years

05% of values less than 2296.4	10% of values less than 2467.9	25% of values less than 2821.73
50% of values less than 3301.82	75% of values less than 3949.28	90% of values less than 4925.72
Minimum 1809.44s than 5915	Maximum 9446.24	
Mean 3550.22	SD 1117.84	Variance 1.24956E+006

Lead Boiler House - Lead

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead Boiler House - Lead

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 0.307269	10% of values less than 0.337226	25% of values less than 0.404981
50% of values less than 0.491725	75% of values less than 0.590542	90% of values less than 0.711547
Minimum 0.238395	Maximum 1.10611	
Mean 0.509174	SD 0.147084	Variance 0.0216337

Retarded Travel Time to Boiler House Receptor years

05% of values less than 822.196	10% of values less than 952.725	25% of values less than 1164.44
50% of values less than 1459.38	75% of values less than 1818.17	90% of values less than 2263.93
Minimum 549.495	Maximum 4586.8	
Mean 1563.22	SD 590.76	Variance 348998

Lead Boiler House - Lead

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 8.46098E-007	10% of values less than 1.16744E-005	25% of values less than 0.000116306
50% of values less than 0.000691913	75% of values less than 0.00224368	90% of values less than 0.00436204
Minimum 2.6169E-011n 0.00565756	Maximum 0.00824945	
Mean 0.00148083	SD 0.00180615	Variance 3.26218E-006

Lead Boiler House - Lead

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 978022	SD 146685	Variance 2.15165E+010

Retarded Travel Time to ETP Receptor years

05% of values less than 2.07088E+009	10% of values less than 2.26543E+009	25% of values less than 2.59711E+009
50% of values less than 2.98591E+009	75% of values less than 3.4551E+009	90% of values less than 3.84292E+009
Minimum 0.es less than 4.08466E+009	Maximum 4.8102E+009	
Mean 2.99211E+009	SD 7.31639E+008	Variance 5.35296E+017

Lead Boiler House - Lead

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0.009105	
Mean 0.00020011	SD 0.00133557	Variance 1.78374E-006

Lead Boiler House - Lead

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Tank Farm Receptor years

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Lead Boiler House - Lead

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead Boiler House - Lead

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor years

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Lead Boiler House - Lead

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead Boiler House - Lead

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE - waste/oil Receptor years

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Lead Boiler House - Lead

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead Boiler House - Lead

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 0.778837	10% of values less than 0.810344	25% of values less than 0.883669
50% of values less than 0.989025	75% of values less than 1.13693	90% of values less than 1.33518
Minimum 0.686218 than 1.49493	Maximum 1.93873	
Mean 1.03745	SD 0.216277	Variance 0.0467759

Retarded Travel Time to VC MFB 50m years

05% of values less than 2046.75	10% of values less than 2203.76	25% of values less than 2537.94
50% of values less than 2967.65	75% of values less than 3552.39	90% of values less than 4413.64
Minimum 1578.22s than 5298.11	Maximum 8554.44	
Mean 3185.57	SD 1016.05	Variance 1.03236E+006

Lead Boiler House - Lead

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead Boiler House - Lead

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 0.551249	10% of values less than 0.58627	25% of values less than 0.655191
50% of values less than 0.749937	75% of values less than 0.869143	90% of values less than 1.03198
Minimum 0.470753	Maximum 1.53812	
Mean 0.783276	SD 0.180506	Variance 0.0325825

Retarded Travel Time to Boiler House 50m years

05% of values less than 1459.34	10% of values less than 1625.48	25% of values less than 1877.61
50% of values less than 2238.68	75% of values less than 2710.44	90% of values less than 3379.3
Minimum 1083.26s	Maximum 6645.45	
Mean 2404.99	SD 803.675	Variance 645893

Lead Boiler House - Lead

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 2.17545E-012	10% of values less than 6.76414E-010	25% of values less than 9.48276E-008
50% of values less than 4.23543E-006	75% of values less than 5.33279E-005	90% of values less than 0.000293832
Minimum 4.43935E-014 0.000646106	Maximum 0.00316961	
Mean 0.000111501	SD 0.000306774	Variance 9.41105E-008

Lead Boiler House - Lead

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 0.882517	10% of values less than 0.914959	25% of values less than 0.991467
50% of values less than 1.0981	75% of values less than 1.26335	90% of values less than 1.47654
Minimum 0.786874 than 1.64625	Maximum 2.12588	
Mean 1.15619	SD 0.233963	Variance 0.0547388

Retarded Travel Time to Lead MFB 50m years

05% of values less than 2296.4	10% of values less than 2467.9	25% of values less than 2821.73
50% of values less than 3301.82	75% of values less than 3949.28	90% of values less than 4925.72
Minimum 1809.44s than 5915	Maximum 9446.24	
Mean 3550.22	SD 1117.84	Variance 1.24956E+006

Lead Boiler House - Lead

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead Boiler House - Lead

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0.307967	10% of values less than 0.337932	25% of values less than 0.405742
50% of values less than 0.492466	75% of values less than 0.591254	90% of values less than 0.712505
Minimum 0.239083	Maximum 1.10739	
Mean 0.509984	SD 0.147171	Variance 0.0216594

Retarded Travel Time to BH Lead 50m years

05% of values less than 824.112	10% of values less than 954.624	25% of values less than 1166.68
50% of values less than 1462	75% of values less than 1820.84	90% of values less than 2267.08
Minimum 551.073s	Maximum 4592.89	
Mean 1565.71	SD 591.348	Variance 349693

Lead Boiler House - Lead

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 9.68072E-007	10% of values less than 1.3575E-005	25% of values less than 0.000144162
50% of values less than 0.000775584	75% of values less than 0.00233892	90% of values less than 0.00448393
Minimum 2.57762E-011 0.00582875	Maximum 0.0079631	
Mean 0.00157781	SD 0.00185971	Variance 3.45852E-006

Lead Boiler House - Lead

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.0477093	10% of values less than 0.0733148	25% of values less than 0.141545
50% of values less than 0.230345	75% of values less than 0.319318	90% of values less than 0.397518
Minimum 0.00250515	Maximum 0.675376	
Mean 0.235882	SD 0.123364	Variance 0.0152188

Retarded Travel Time to Lead Boiler House Receptor years

05% of values less than 148.003	10% of values less than 214.036	25% of values less than 417.833
50% of values less than 689.769	75% of values less than 962.937	90% of values less than 1245.09
Minimum 9.71601	Maximum 2534.24	
Mean 723.941	SD 420.506	Variance 176825

Lead Boiler House - Lead

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0.000714789	10% of values less than 0.00135891	25% of values less than 0.00304612
50% of values less than 0.00572058	75% of values less than 0.00818864	90% of values less than 0.00892484
Minimum 2.79639E-005 0.00903314	Maximum 0.00910256	
Mean 0.00544962	SD 0.00279989	Variance 7.8394E-006

Lead Boiler House - Lead

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 0.642623	10% of values less than 0.677921	25% of values less than 0.74788
50% of values less than 0.84591	75% of values less than 0.97499	90% of values less than 1.15556
Minimum 0.557145	Maximum 1.69875	
Mean 0.885189	SD 0.194439	Variance 0.0378065

Retarded Travel Time to Lead MFB core and store Receptor years

05% of values less than 1698.22	10% of values less than 1852.2	25% of values less than 2151.4
50% of values less than 2536.87	75% of values less than 3065.08	90% of values less than 3802.37
Minimum 1281.72s	Maximum 7410.87	
Mean 2717.97	SD 887.696	Variance 788004

Lead Boiler House - Lead

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead Boiler House - Lead

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE waste oil 50m years

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Lead Boiler House - Lead

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead Boiler House - Lead

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TF Lagoon CHC 50 m years

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Lead Boiler House - Lead

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead Boiler House - Lead

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0	10% of values less than 0.00761673	25% of values less than 0.0520631
50% of values less than 0.14314	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 253746	SD 435372	Variance 1.89548E+011

Retarded Travel Time to ETP 50m years

05% of values less than 0	10% of values less than 23.5756	25% of values less than 153.996
50% of values less than 425.569	75% of values less than 2.01045E+009	90% of values less than 3.15925E+009
Minimum 0.es less than 3.5915E+009	Maximum 4.46597E+009	
Mean 7.71378E+008	SD 1.35755E+009	Variance 1.84294E+018

Lead Boiler House - Lead

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0.00659694	75% of values less than 0.00888735	90% of values less than 0.00908656
Minimum 0.00000000	Maximum 0.009105	
Mean 0.00520975	SD 0.00373179	Variance 1.39262E-005

Lead Boiler House - Lead

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.00790491	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.00790491	Maximum 1E+006	
Mean 937063	SD 242971	Variance 5.9035E+010

Retarded Travel Time to Tank Farm 50m years

05% of values less than 21.1992	10% of values less than 2.14281E+009	25% of values less than 2.55726E+009
50% of values less than 2.95833E+009	75% of values less than 3.43341E+009	90% of values less than 3.82203E+009
Minimum 0.00790491	Maximum 4.8102E+009	
Mean 2.86937E+009	SD 9.33479E+008	Variance 8.71383E+017

Lead Boiler House - Lead

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000	Maximum 0.009105	
Mean 0.000372932	SD 0.00180547	Variance 3.25972E-006

Lead Boiler House - Lead

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.22495	10% of values less than 2.25858	25% of values less than 2.34965
50% of values less than 2.51733	75% of values less than 2.96322	90% of values less than 3.38881
Minimum 2.09917s than 3.74023	Maximum 4.56578	
Mean 2.70425	SD 0.486002	Variance 0.236198

Retarded Travel Time to DCE Receptor years

05% of values less than 5598.46	10% of values less than 5933.14	25% of values less than 6651.3
50% of values less than 7719.05	75% of values less than 9093.36	90% of values less than 11595.3
Minimum 4684.62s than 13311.8	Maximum 21110.4	
Mean 8304.33	SD 2493.47	Variance 6.21737E+006

Lead Boiler House - Lead

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 8.71665E-020	10% of values less than 1.39792E-019	25% of values less than 3.79502E-019
50% of values less than 1.21569E-018	75% of values less than 5.61901E-018	90% of values less than 1.4084E-017
Minimum 4.05799E-020 2.28794E-017	Maximum 5.18417E-017	
Mean 4.84474E-018	SD 8.37499E-018	Variance 7.01404E-035

Lead Boiler House - Lead

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.31241	10% of values less than 2.34911	25% of values less than 2.43992
50% of values less than 2.60972	75% of values less than 3.07905	90% of values less than 3.514
Minimum 2.18633s than 3.88046	Maximum 4.72784	
Mean 2.80708	SD 0.503348	Variance 0.253359

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 5813.09	10% of values less than 6159.22	25% of values less than 6898.3
50% of values less than 8004.56	75% of values less than 9446.92	90% of values less than 12052.9
Minimum 4869.85s than 13802.7	Maximum 21886.3	
Mean 8620.11	SD 2586.09	Variance 6.68788E+006

Lead Boiler House - Lead

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 2.24429E-014	10% of values less than 2.4752E-014	25% of values less than 2.9512E-014
50% of values less than 3.61817E-014	75% of values less than 4.40698E-014	90% of values less than 4.81696E-014
Minimum 1.12505E-015 4.94039E-014	Maximum 5.06549E-014	
Mean 3.63693E-014	SD 9.14644E-015	Variance 8.36574E-029

Source Inventory:

Lead

Aquifer Source Concentration [mg/l] SINGLE(0.00986)

Lead MFB core and store - Lead

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 0.00747605	10% of values less than 0.0323757	25% of values less than 0.108394
50% of values less than 0.216062	75% of values less than 0.328001	90% of values less than 0.462976
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 75924.3	SD 265009	Variance 7.02297E+010

Retarded Travel Time to VC Main Factory Building Receptor years

05% of values less than 25.258	10% of values less than 101.824	25% of values less than 314.414
50% of values less than 636.937	75% of values less than 990.946	90% of values less than 1617.44
Minimum 0.es less than 2.70878E+009	Maximum 4.57117E+009	
Mean 2.31613E+008	SD 8.26026E+008	Variance 6.82319E+017

Lead MFB core and store - Lead

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 8.2538E-011
50% of values less than 0.000101854	75% of values less than 0.00331887	90% of values less than 0.00716148
Minimum 0.es less than 0.00885276	Maximum 0.00986	
Mean 0.00199487	SD 0.00295991	Variance 8.76108E-006

Lead MFB core and store - Lead

Unretarded Travel Time to Lead MFB [years]

05% of values less than 0.323298	10% of values less than 0.362693	25% of values less than 0.449184
50% of values less than 0.569759	75% of values less than 0.678053	90% of values less than 0.817905
Minimum 0.24142s than 0.886863	Maximum 1.27482	
Mean 0.578659	SD 0.17218	Variance 0.0296461

Retarded Travel Time to Lead MFB years

05% of values less than 885.809	10% of values less than 1051.05	25% of values less than 1312.22
50% of values less than 1676.39	75% of values less than 2079.68	90% of values less than 2619.69
Minimum 596.141s than 3046.37	Maximum 5383.8	
Mean 1775.67	SD 684.413	Variance 468421

Lead MFB core and store - Lead

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 2.43033E-008	10% of values less than 5.02251E-007	25% of values less than 2.36737E-005
50% of values less than 0.00028724	75% of values less than 0.00173362	90% of values less than 0.00426904
Minimum 2.26358E-014 0.00613114	Maximum 0.00887222	
Mean 0.00128813	SD 0.00194822	Variance 3.79556E-006

Lead MFB core and store - Lead

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 0	10% of values less than 0.0128928	25% of values less than 0.081779
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 586414	SD 492722	Variance 2.42775E+011

Retarded Travel Time to Boiler House Receptor years

05% of values less than 0	10% of values less than 44.9964	25% of values less than 243.382
50% of values less than 2.43911E+009	75% of values less than 3.1134E+009	90% of values less than 3.65135E+009
Minimum 0.es less than 3.9198E+009	Maximum 4.8102E+009	
Mean 1.79338E+009	SD 1.57228E+009	Variance 2.47207E+018

Lead MFB core and store - Lead

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.00986	Maximum 0.00986	
Mean 0.00065011	SD 0.00244815	Variance 5.99343E-006

Lead MFB core and store - Lead

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to ETP Receptor years

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Lead MFB core and store - Lead

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead MFB core and store - Lead

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Tank Farm Receptor years

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Lead MFB core and store - Lead

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead MFB core and store - Lead

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor years

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Lead MFB core and store - Lead

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead MFB core and store - Lead

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE - waste/oil Receptor years

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Lead MFB core and store - Lead

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead MFB core and store - Lead

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 0.215045	10% of values less than 0.253931	25% of values less than 0.337344
50% of values less than 0.453546	75% of values less than 0.563294	90% of values less than 0.678795
Minimum 0.140426	Maximum 1.09297	
Mean 0.459919	SD 0.161615	Variance 0.0261194

Retarded Travel Time to VC MFB 50m years

05% of values less than 615.126	10% of values less than 734.64	25% of values less than 989.629
50% of values less than 1340.27	75% of values less than 1696.8	90% of values less than 2161.59
Minimum 364.799	Maximum 4564.64	
Mean 1411.02	SD 607.869	Variance 369505

Lead MFB core and store - Lead

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 4.62216E-009	10% of values less than 2.6418E-008	25% of values less than 1.47954E-006
50% of values less than 5.39562E-005	75% of values less than 0.000613702	90% of values less than 0.00176154
Minimum 9.22954E-013 0.00290875	Maximum 0.00613975	
Mean 0.000542567	SD 0.00102362	Variance 1.0478E-006

Lead MFB core and store - Lead

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 0.0152556	10% of values less than 0.0412632	25% of values less than 0.114966
50% of values less than 0.225198	75% of values less than 0.333557	90% of values less than 0.452114
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 50949.3	SD 220004	Variance 4.84016E+010

Retarded Travel Time to Boiler House 50m years

05% of values less than 42.8829	10% of values less than 137.986	25% of values less than 337.1
50% of values less than 669.43	75% of values less than 1001.95	90% of values less than 1519.13
Minimum 0.es less than 1.8785E+009	Maximum 4.26569E+009	
Mean 1.58097E+008	SD 6.95752E+008	Variance 4.84071E+017

Lead MFB core and store - Lead

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0.00986	
Mean 0.000275804	SD 0.00162665	Variance 2.646E-006

Lead MFB core and store - Lead

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 0.323298	10% of values less than 0.362693	25% of values less than 0.449184
50% of values less than 0.569759	75% of values less than 0.678053	90% of values less than 0.817905
Minimum 0.24142s than 0.886863	Maximum 1.27482	
Mean 0.578659	SD 0.17218	Variance 0.0296461

Retarded Travel Time to Lead MFB 50m years

05% of values less than 885.809	10% of values less than 1051.05	25% of values less than 1312.22
50% of values less than 1676.39	75% of values less than 2079.68	90% of values less than 2619.69
Minimum 596.141s than 3046.37	Maximum 5383.8	
Mean 1775.67	SD 684.413	Variance 468421

Lead MFB core and store - Lead

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 2.43033E-008	10% of values less than 5.02251E-007	25% of values less than 2.36737E-005
50% of values less than 0.00028724	75% of values less than 0.00173362	90% of values less than 0.00426904
Minimum 2.26358E-014 0.00613114	Maximum 0.00887222	
Mean 0.00128813	SD 0.00194822	Variance 3.79556E-006

Lead MFB core and store - Lead

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0	10% of values less than 0.0129476	25% of values less than 0.0813633
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 583417	SD 493239	Variance 2.43285E+011

Retarded Travel Time to BH Lead 50m years

05% of values less than 0	10% of values less than 38.157	25% of values less than 241.94
50% of values less than 2.43077E+009	75% of values less than 3.11249E+009	90% of values less than 3.64833E+009
Minimum 0.es less than 3.9198E+009	Maximum 4.8102E+009	
Mean 1.78414E+009	SD 1.57345E+009	Variance 2.47575E+018

Lead MFB core and store - Lead

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.00986	Maximum 0.00986	
Mean 0.00065011	SD 0.00244815	Variance 5.99343E-006

Lead MFB core and store - Lead

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Lead Boiler House Receptor years

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Lead MFB core and store - Lead

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead MFB core and store - Lead

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 0.0722438	10% of values less than 0.110783	25% of values less than 0.19174
50% of values less than 0.304542	75% of values less than 0.412628	90% of values less than 0.502144
Minimum 0.010084 than 0.569785	Maximum 0.859779	
Mean 0.307656	SD 0.151125	Variance 0.0228388

Retarded Travel Time to Lead MFB core and store Receptor years

05% of values less than 211.638	10% of values less than 327.068	25% of values less than 556.777
50% of values less than 902.028	75% of values less than 1229.73	90% of values less than 1596.62
Minimum 29.2168s than 1904.46	Maximum 3597.18	
Mean 943.417	SD 526.138	Variance 276821

Lead MFB core and store - Lead

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 8.61428E-005	10% of values less than 0.000376325	25% of values less than 0.00200035
50% of values less than 0.00532854	75% of values less than 0.00846156	90% of values less than 0.00956728
Minimum 1.20285E-008 0.00974883	Maximum 0.00985301	
Mean 0.00521026	SD 0.00336963	Variance 1.13544E-005

Lead MFB core and store - Lead

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE waste oil 50m years

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Lead MFB core and store - Lead

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead MFB core and store - Lead

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TF Lagoon CHC 50 m years

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Lead MFB core and store - Lead

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead MFB core and store - Lead

Unretarded Travel Time to ETP 50m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to ETP 50m years

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Lead MFB core and store - Lead

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead MFB core and store - Lead

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Tank Farm 50m years

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Lead MFB core and store - Lead

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Lead MFB core and store - Lead

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.67741	10% of values less than 1.72766	25% of values less than 1.84284
50% of values less than 1.9991	75% of values less than 2.3502	90% of values less than 2.69068
Minimum 1.55811s than 2.93407	Maximum 3.68295	
Mean 2.12672	SD 0.391494	Variance 0.153268

Retarded Travel Time to DCE Receptor years

05% of values less than 4337.53	10% of values less than 4634.38	25% of values less than 5244.16
50% of values less than 6037.59	75% of values less than 7142.24	90% of values less than 9164.48
Minimum 3407.05s than 10377.4	Maximum 16680.7	
Mean 6529.77	SD 1973.36	Variance 3.89413E+006

Lead MFB core and store - Lead

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.46987E-019	10% of values less than 4.11142E-019	25% of values less than 3.75716E-018
50% of values less than 7.26227E-017	75% of values less than 9.25029E-016	90% of values less than 3.40996E-015
Minimum 4.33651E-020 5.636E-015	Maximum 1.30423E-014	
Mean 1.04128E-015	SD 2.14596E-015	Variance 4.60513E-030

Lead MFB core and store - Lead

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.76595	10% of values less than 1.81556	25% of values less than 1.93537
50% of values less than 2.08948	75% of values less than 2.46703	90% of values less than 2.82474
Minimum 1.64557s than 3.0793	Maximum 3.84862	
Mean 2.22954	SD 0.408151	Variance 0.166587

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 4553.73	10% of values less than 4869.96	25% of values less than 5490.71
50% of values less than 6336.33	75% of values less than 7465.14	90% of values less than 9613
Minimum 3592.28s than 10909.4	Maximum 17431.1	
Mean 6845.55	SD 2064.51	Variance 4.26221E+006

Lead MFB core and store - Lead

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 1.31818E-027	75% of values less than 6.74471E-025	90% of values less than 4.53339E-023
Minimum 0.es less than 2.43772E-022	Maximum 4.82661E-021	
Mean 7.44475E-023	SD 4.13465E-022	Variance 1.70954E-043

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 1.24698	10% of values less than 1.2705	25% of values less than 1.33527
50% of values less than 1.43362	75% of values less than 1.68082	90% of values less than 1.92587
Minimum 1.17753s than 2.12133	Maximum 2.67749	
Mean 1.53384	SD 0.274472	Variance 0.0753348

Retarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 2.20973	10% of values less than 2.27743	25% of values less than 2.3982
50% of values less than 2.5949	75% of values less than 3.02727	90% of values less than 3.60588
Minimum 2.02429s than 4.04106	Maximum 5.53129	
Mean 2.7979	SD 0.581308	Variance 0.337919

Lead

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 0.00747605	10% of values less than 0.0323757	25% of values less than 0.108394
50% of values less than 0.216062	75% of values less than 0.328001	90% of values less than 0.462976
Minimum 0.000000	Maximum 1.25672	
Mean 0.24855	SD 0.204364	Variance 0.0417647

Retarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 25.258	10% of values less than 101.824	25% of values less than 314.414
50% of values less than 636.937	75% of values less than 990.946	90% of values less than 1530.59
Minimum 0.000000	Maximum 5539.44	
Mean 762.123	SD 675.325	Variance 456065

Naphthalene

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 0.327374	10% of values less than 0.379184	25% of values less than 0.494421
50% of values less than 0.634446	75% of values less than 0.772954	90% of values less than 0.899157
Minimum 0.229146	Maximum 1.50212	
Mean 0.64249	SD 0.207251	Variance 0.042953

Retarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 16.3011	10% of values less than 18.8925	25% of values less than 24.8897
50% of values less than 32.2124	75% of values less than 39.631	90% of values less than 49.0163
Minimum 11.3273s	Maximum 103.299	
Mean 33.7039	SD 12.818	Variance 164.3

Trichloroethene (TCE)

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 1.23923	10% of values less than 1.25883	25% of values less than 1.30104
50% of values less than 1.38603	75% of values less than 1.63831	90% of values less than 1.87318
Minimum 1.17753s than 2.04253	Maximum 2.53206	
Mean 1.49465	SD 0.262163	Variance 0.0687297

Retarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 2.11853	10% of values less than 2.34076	25% of values less than 2.95126
50% of values less than 3.90787	75% of values less than 4.89587	90% of values less than 5.93187
Minimum 1.70463s than 6.89646	Maximum 11.0286	
Mean 4.07479	SD 1.5029	Variance 2.25871

Vinyl Chloride

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 0.0613768	10% of values less than 0.0928803	25% of values less than 0.178078
50% of values less than 0.282315	75% of values less than 0.402667	90% of values less than 0.478435
Minimum 0.00430216	Maximum 0.773675	
Mean 0.29019	SD 0.149284	Variance 0.0222859

Retarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 0.132668	10% of values less than 0.201829	25% of values less than 0.385368
50% of values less than 0.616086	75% of values less than 0.864137	90% of values less than 1.03489
Minimum 0.0100302	Maximum 1.82883	
Mean 0.630904	SD 0.335559	Variance 0.1126

EC12-EC16 Aromatics

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 0.327374	10% of values less than 0.379184	25% of values less than 0.494421
50% of values less than 0.634446	75% of values less than 0.772954	90% of values less than 0.899157
Minimum 0.229146	Maximum 1.50212	
Mean 0.64249	SD 0.207251	Variance 0.042953

Retarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 32.302	10% of values less than 37.3753	25% of values less than 49.2839
50% of values less than 63.721	75% of values less than 78.4793	90% of values less than 97.062
Minimum 22.4011	Maximum 205.13	
Mean 66.7653	SD 25.4495	Variance 647.676

EC16-EC21 Aromatics

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 0.327374	10% of values less than 0.379184	25% of values less than 0.494421
50% of values less than 0.634446	75% of values less than 0.772954	90% of values less than 0.899157
Minimum 0.229146	Maximum 1.50212	
Mean 0.64249	SD 0.207251	Variance 0.042953

Retarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 102.596	10% of values less than 118.7	25% of values less than 156.613
50% of values less than 202.46	75% of values less than 249.245	90% of values less than 308.693
Minimum 71.1257s	Maximum 653.187	
Mean 212.236	SD 81.0287	Variance 6565.66

EC10-EC12 Aromatics

Unretarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 0.327374	10% of values less than 0.379184	25% of values less than 0.494421
50% of values less than 0.634446	75% of values less than 0.772954	90% of values less than 0.899157
Minimum 0.229146	Maximum 1.50212	
Mean 0.64249	SD 0.207251	Variance 0.042953

Retarded Travel Time to VC Main Factory Building Receptor [years]

05% of values less than 16.3011	10% of values less than 18.8925	25% of values less than 24.8897
50% of values less than 32.2124	75% of values less than 39.631	90% of values less than 49.0163
Minimum 11.3273s	Maximum 103.299	
Mean 33.7039	SD 12.818	Variance 164.3

1,2-Dichloroethene (1,2-DCE)

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 4.72629E-009	10% of values less than 1.27472E-008	25% of values less than 5.75178E-008
50% of values less than 3.33059E-007	75% of values less than 2.34697E-006	90% of values less than 8.52155E-006
Minimum 5.6374E-011n 1.69615E-005	Maximum 8.44164E-005	
Mean 3.19845E-006	SD 8.19753E-006	Variance 6.71996E-011

Lead

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 8.2538E-011
50% of values less than 0.000101854	75% of values less than 0.00331887	90% of values less than 0.00716148
Minimum 0.000000000	Maximum 0.00986	
Mean 0.00199487	SD 0.00295991	Variance 8.76108E-006

Naphthalene

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 6.93058E-024
Minimum 0.es less than 2.28708E-021	Maximum 4.22847E-018	
Mean 1.56563E-020	SD 1.84931E-019	Variance 3.41996E-038

Trichloroethene (TCE)

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 9.54431E-009	10% of values less than 5.36276E-008	25% of values less than 3.536E-007
50% of values less than 1.74774E-006	75% of values less than 6.74943E-006	90% of values less than 2.52645E-005
Minimum 3.66726E-012 4.98511E-005	Maximum 0.000158101	
Mean 8.90786E-006	SD 1.93475E-005	Variance 3.74324E-010

Vinyl Chloride

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 0.00095446	10% of values less than 0.00349214	25% of values less than 0.015525
50% of values less than 0.015525	75% of values less than 0.015525	90% of values less than 0.015525
Minimum 3.18141E-005 0.015525	Maximum 0.015525	
Mean 0.0139159	SD 0.00446373	Variance 1.99249E-005

EC12-EC16 Aromatics

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 3.75912E-012	10% of values less than 1.04979E-011	25% of values less than 7.86119E-011
50% of values less than 1.55765E-009	75% of values less than 2.14004E-008	90% of values less than 1.4688E-007
Minimum 3.06465E-014 3.73779E-007	Maximum 2.16664E-006	
Mean 6.33007E-008	SD 2.00805E-007	Variance 4.03227E-014

EC16-EC21 Aromatics

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 1.89826E-016	10% of values less than 1.71078E-015	25% of values less than 3.08789E-014
50% of values less than 6.7393E-013	75% of values less than 1.66799E-011	90% of values less than 1.35451E-010
Minimum 3.83481E-020 4.3061E-010	Maximum 1.49983E-008	
Mean 1.21666E-010	SD 7.16008E-010	Variance 5.12667E-019

EC10-EC12 Aromatics

Concentration at VC Main Factory Building Receptor [mg/l] - 1000 years

05% of values less than 1.21737E-022	10% of values less than 5.65068E-021	25% of values less than 1.08988E-018
50% of values less than 1.60586E-016	75% of values less than 1.29463E-014	90% of values less than 2.70689E-013
Minimum 2.76689E-029 1.37567E-012	Maximum 1.09189E-010	
Mean 6.99433E-013	SD 5.32574E-012	Variance 2.83635E-023

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Lead MFB [years]

05% of values less than 1.58521	10% of values less than 1.61209	25% of values less than 1.68297
50% of values less than 1.78928	75% of values less than 2.11112	90% of values less than 2.41818
Minimum 1.51199s than 2.64421	Maximum 3.31342	
Mean 1.92853	SD 0.340672	Variance 0.116057

Retarded Travel Time to Lead MFB [years]

05% of values less than 2.81672	10% of values less than 2.88959	25% of values less than 3.02708
50% of values less than 3.24906	75% of values less than 3.80614	90% of values less than 4.51258
Minimum 2.60044s than 5.07195	Maximum 6.84503	
Mean 3.51792	SD 0.72451	Variance 0.524914

Lead

Unretarded Travel Time to Lead MFB [years]

05% of values less than 0.323298	10% of values less than 0.362693	25% of values less than 0.449184
50% of values less than 0.569759	75% of values less than 0.678053	90% of values less than 0.817905
Minimum 0.24142s than 0.886863	Maximum 1.27482	
Mean 0.578659	SD 0.17218	Variance 0.0296461

Retarded Travel Time to Lead MFB [years]

05% of values less than 885.809	10% of values less than 1051.05	25% of values less than 1312.22
50% of values less than 1676.39	75% of values less than 2079.68	90% of values less than 2619.69
Minimum 596.141s than 3046.37	Maximum 5383.8	
Mean 1775.67	SD 684.413	Variance 468421

Naphthalene

Unretarded Travel Time to Lead MFB [years]

05% of values less than 0.679748	10% of values less than 0.734065	25% of values less than 0.863762
50% of values less than 1.02314	75% of values less than 1.15963	90% of values less than 1.34818
Minimum 0.571068 than 1.48425	Maximum 2.14304	
Mean 1.03718	SD 0.247034	Variance 0.0610256

Retarded Travel Time to Lead MFB [years]

05% of values less than 34.0186	10% of values less than 37.039	25% of values less than 43.3151
50% of values less than 50.7851	75% of values less than 61.5916	90% of values less than 75.6052
Minimum 26.9249s than 85.9787	Maximum 146.441	
Mean 54.4316	SD 16.8355	Variance 283.433

Trichloroethene (TCE)

Unretarded Travel Time to Lead MFB [years]

05% of values less than 1.57767	10% of values less than 1.59801	25% of values less than 1.64248
50% of values less than 1.74911	75% of values less than 2.07386	90% of values less than 2.36139
Minimum 1.51199s than 2.57161	Maximum 3.1694	
Mean 1.88934	SD 0.329615	Variance 0.108646

Retarded Travel Time to Lead MFB [years]

05% of values less than 2.6801	10% of values less than 2.95199	25% of values less than 3.73517
50% of values less than 4.94295	75% of values less than 6.17224	90% of values less than 7.48978
Minimum 2.15545s than 8.7187	Maximum 14.0529	
Mean 5.15119	SD 1.89893	Variance 3.60595

Vinyl Chloride

Unretarded Travel Time to Lead MFB [years]

05% of values less than 0.415935	10% of values less than 0.45985	25% of values less than 0.549451
50% of values less than 0.664522	75% of values less than 0.784143	90% of values less than 0.926327
Minimum 0.345767 than 1.02414	Maximum 1.385	
Mean 0.68488	SD 0.184386	Variance 0.0339982

Retarded Travel Time to Lead MFB [years]

05% of values less than 0.88593	10% of values less than 0.982851	25% of values less than 1.18841
50% of values less than 1.42892	75% of values less than 1.70973	90% of values less than 2.02452
Minimum 0.739573 than 2.33367	Maximum 3.2739	
Mean 1.48919	SD 0.441603	Variance 0.195013

EC12-EC16 Aromatics

Unretarded Travel Time to Lead MFB [years]

05% of values less than 0.679748	10% of values less than 0.734065	25% of values less than 0.863762
50% of values less than 1.02314	75% of values less than 1.15963	90% of values less than 1.34818
Minimum 0.571068 than 1.48425	Maximum 2.14304	
Mean 1.03718	SD 0.247034	Variance 0.0610256

Retarded Travel Time to Lead MFB [years]

05% of values less than 67.2577	10% of values less than 73.3977	25% of values less than 85.8353
50% of values less than 100.56	75% of values less than 122.047	90% of values less than 149.965
Minimum 53.2472s than 170.532	Maximum 290.801	
Mean 107.826	SD 33.4606	Variance 1119.61

EC16-EC21 Aromatics

Unretarded Travel Time to Lead MFB [years]

05% of values less than 0.679748	10% of values less than 0.734065	25% of values less than 0.863762
50% of values less than 1.02314	75% of values less than 1.15963	90% of values less than 1.34818
Minimum 0.571068 than 1.48425	Maximum 2.14304	
Mean 1.03718	SD 0.247034	Variance 0.0610256

Retarded Travel Time to Lead MFB [years]

05% of values less than 213.424	10% of values less than 232.896	25% of values less than 272.673
50% of values less than 319.834	75% of values less than 387.983	90% of values less than 477.082
Minimum 169.065s than 542.565	Maximum 925.987	
Mean 342.761	SD 106.612	Variance 11366.2

EC10-EC12 Aromatics

Unretarded Travel Time to Lead MFB [years]

05% of values less than 0.679748	10% of values less than 0.734065	25% of values less than 0.863762
50% of values less than 1.02314	75% of values less than 1.15963	90% of values less than 1.34818
Minimum 0.571068 than 1.48425	Maximum 2.14304	
Mean 1.03718	SD 0.247034	Variance 0.0610256

Retarded Travel Time to Lead MFB [years]

05% of values less than 34.0186	10% of values less than 37.039	25% of values less than 43.3151
50% of values less than 50.7851	75% of values less than 61.5916	90% of values less than 75.6052
Minimum 26.9249s than 85.9787	Maximum 146.441	
Mean 54.4316	SD 16.8355	Variance 283.433

1,2-Dichloroethene (1,2-DCE)

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 2.83145E-018	10% of values less than 1.16127E-017	25% of values less than 1.44681E-016
50% of values less than 1.7981E-015	75% of values less than 2.96748E-014	90% of values less than 2.74719E-013
Minimum 5.7636E-021n 8.32858E-013	Maximum 1.07721E-011	
Mean 1.66962E-013	SD 7.3201E-013	Variance 5.35839E-025

Lead

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 2.43033E-008	10% of values less than 5.02251E-007	25% of values less than 2.36737E-005
50% of values less than 0.00028724	75% of values less than 0.00173362	90% of values less than 0.00426904
Minimum 2.26358E-014 0.00613114	Maximum 0.00887222	
Mean 0.00128813	SD 0.00194822	Variance 3.79556E-006

Naphthalene

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 2.08246E-006	10% of values less than 1.39825E-005	25% of values less than 0.000149499
50% of values less than 0.000856602	75% of values less than 0.00197892	90% of values less than 0.00292586
Minimum 2.17849E-010 0.00346741	Maximum 0.00510904	
Mean 0.00120396	SD 0.00116542	Variance 1.3582E-006

Vinyl Chloride

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 2.52604E-016	10% of values less than 1.2761E-015	25% of values less than 7.17889E-014
50% of values less than 8.16554E-012	75% of values less than 6.71277E-010	90% of values less than 0.015525
Minimum 1.10305E-017	0.015525	Maximum 0.015525
Mean 0.00170604	SD 0.00485791	Variance 2.35993E-005

EC12-EC16 Aromatics

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.4962E-019	75% of values less than 1.38491E-017	90% of values less than 2.44128E-016
Minimum 0.es less than 8.999E-016	Maximum 1.81619E-014	
Mean 2.23124E-016	SD 1.12488E-015	Variance 1.26535E-030

EC16-EC21 Aromatics

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 6.04475E-024	75% of values less than 1.79345E-021	90% of values less than 3.24122E-020
Minimum 0.es less than 2.00117E-019	Maximum 2.01335E-017	
Mean 9.67509E-020	SD 8.03295E-019	Variance 6.45283E-037

EC10-EC12 Aromatics

Concentration at Lead MFB [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 3.18703E-030	75% of values less than 1.02484E-025	90% of values less than 1.04576E-023
Minimum 0.es less than 1.3724E-022	Maximum 4.94859E-020	
Mean 2.16123E-022	SD 2.29879E-021	Variance 5.28446E-042

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 1.03025	10% of values less than 1.05187	25% of values less than 1.11228
50% of values less than 1.20702	75% of values less than 1.41157	90% of values less than 1.62058
Minimum 0.963702	Maximum 2.27093	
Mean 1.28152	SD 0.232838	Variance 0.0542133

Retarded Travel Time to Boiler House Receptor [years]

05% of values less than 1.82799	10% of values less than 1.89111	25% of values less than 2.00478
50% of values less than 2.17774	75% of values less than 2.54203	90% of values less than 3.04151
Minimum 1.65596	Maximum 4.69141	
Mean 2.33759	SD 0.490872	Variance 0.240955

Lead

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 0	10% of values less than 0.0128928	25% of values less than 0.081779
50% of values less than 0.366988	75% of values less than 0.520439	90% of values less than 0.635725
Minimum 0.05 less than 0.741363	Maximum 1.10611	
Mean 0.331609	SD 0.250285	Variance 0.0626425

Retarded Travel Time to Boiler House Receptor [years]

05% of values less than 0	10% of values less than 44.9964	25% of values less than 243.382
50% of values less than 1041.16	75% of values less than 1545.25	90% of values less than 1998.35
Minimum 0.05 less than 2415.19	Maximum 4586.8	
Mean 1021.09	SD 832.972	Variance 693843

Naphthalene

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 0.0900689	10% of values less than 0.138127	25% of values less than 0.246927
50% of values less than 0.392583	75% of values less than 0.523702	90% of values less than 0.623525
Minimum 0.0105521	Maximum 1.09237	
Mean 0.390162	SD 0.190556	Variance 0.0363117

Retarded Travel Time to Boiler House Receptor [years]

05% of values less than 4.28382	10% of values less than 6.94142	25% of values less than 12.5933
50% of values less than 19.7549	75% of values less than 27.1866	90% of values less than 33.4792
Minimum 0.605058	Maximum 75.7177	
Mean 20.4525	SD 10.9258	Variance 119.373

Trichloroethene (TCE)

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 1.02103	10% of values less than 1.0409	25% of values less than 1.08379
50% of values less than 1.15605	75% of values less than 1.36601	90% of values less than 1.5558
Minimum 0.963702	Maximum 1.69999	
Mean 1.24232	SD 0.21937	Variance 0.0481233

Retarded Travel Time to Boiler House Receptor [years]

05% of values less than 1.76555	10% of values less than 1.9393	25% of values less than 2.45093
50% of values less than 3.24129	75% of values less than 4.06498	90% of values less than 4.9086
Minimum 1.41641	Maximum 5.7306	
Mean 3.38664	SD 1.2502	Variance 1.563

Vinyl Chloride

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 0	10% of values less than 0.0164546	25% of values less than 0.0835324
50% of values less than 0.192051	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 344655	SD 475493	Variance 2.26094E+011

Retarded Travel Time to Boiler House Receptor [years]

05% of values less than 0	10% of values less than 0.0358935	25% of values less than 0.178509
50% of values less than 0.418906	75% of values less than 2.04309E+006	90% of values less than 2.28014E+006
Minimum 0.es less than 2.37518E+006	Maximum 2.613E+006	
Mean 748957	SD 1.03858E+006	Variance 1.07866E+012

EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 0.0900689	10% of values less than 0.138127	25% of values less than 0.246927
50% of values less than 0.392583	75% of values less than 0.523702	90% of values less than 0.623525
Minimum 0.0105521	Maximum 1.09237	
Mean 0.390162	SD 0.190556	Variance 0.0363117

Retarded Travel Time to Boiler House Receptor [years]

05% of values less than 8.47713	10% of values less than 13.751	25% of values less than 24.908
50% of values less than 39.1234	75% of values less than 53.851	90% of values less than 66.2988
Minimum 1.19956	Maximum 150.36	
Mean 40.5149	SD 21.6716	Variance 469.66

EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 0.0900689	10% of values less than 0.138127	25% of values less than 0.246927
50% of values less than 0.392583	75% of values less than 0.523702	90% of values less than 0.623525
Minimum 0.0105521	Maximum 1.09237	
Mean 0.390162	SD 0.190556	Variance 0.0363117

Retarded Travel Time to Boiler House Receptor [years]

05% of values less than 26.9277	10% of values less than 43.6717	25% of values less than 79.0923
50% of values less than 124.524	75% of values less than 171.174	90% of values less than 210.698
Minimum 3.81539	Maximum 478.783	
Mean 128.789	SD 68.9537	Variance 4754.61

EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House Receptor [years]

05% of values less than 0.0900689	10% of values less than 0.138127	25% of values less than 0.246927
50% of values less than 0.392583	75% of values less than 0.523702	90% of values less than 0.623525
Minimum 0.0105521	Maximum 1.09237	
Mean 0.390162	SD 0.190556	Variance 0.0363117

Retarded Travel Time to Boiler House Receptor [years]

05% of values less than 4.28382	10% of values less than 6.94142	25% of values less than 12.5933
50% of values less than 19.7549	75% of values less than 27.1866	90% of values less than 33.4792
Minimum 0.605058	Maximum 75.7177	
Mean 20.4525	SD 10.9258	Variance 119.373

1,2-Dichloroethene (1,2-DCE)

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 7.64158E-012	10% of values less than 2.23745E-011	25% of values less than 1.84446E-010
50% of values less than 3.89847E-009	75% of values less than 4.10947E-008	90% of values less than 2.05243E-007
Minimum 7.01926E-014 4.38335E-007	Maximum 2.54805E-006	
Mean 7.8923E-008	SD 2.35144E-007	Variance 5.52926E-014

Lead

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 9.40411E-007	10% of values less than 1.28626E-005	25% of values less than 0.000133477
50% of values less than 0.000837379	75% of values less than 0.00292242	90% of values less than 0.00603766
Minimum 2.6169E-011n 0.010046	Maximum 0.0162985	
Mean 0.00213094	SD 0.0030253	Variance 9.15244E-006

Naphthalene

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 1.24337E-008	10% of values less than 6.60107E-008	25% of values less than 6.93216E-007
50% of values less than 6.77721E-006	75% of values less than 3.5113E-005	90% of values less than 0.000142532
Minimum 1.01495E-013 0.00025633	Maximum 0.001	
Mean 4.61341E-005	SD 0.000104466	Variance 1.09132E-008

Trichloroethene (TCE)

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 1.03454E-011	10% of values less than 2.9962E-011	25% of values less than 3.04114E-010
50% of values less than 6.39956E-009	75% of values less than 9.02984E-008	90% of values less than 4.34691E-007
Minimum 2.55658E-014	7.70575E-007	Maximum 4.04534E-006
Mean 1.50972E-007	SD 4.13476E-007	Variance 1.70962E-013

Vinyl Chloride

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0.015525	75% of values less than 0.015525	90% of values less than 0.015525
Minimum 0.0es less than 0.015525	Maximum 0.015525	
Mean 0.0101742	SD 0.00738203	Variance 5.44944E-005

EC12-EC16 Aromatics

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0.0253636	10% of values less than 0.0319757	25% of values less than 0.0511603
50% of values less than 0.0759127	75% of values less than 0.111176	90% of values less than 0.146709
Minimum 0.00294992an 0.163825	Maximum 0.207149	
Mean 0.0834082	SD 0.04216	Variance 0.00177746

EC16-EC21 Aromatics

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0.00161191	10% of values less than 0.00327599	25% of values less than 0.00986592
50% of values less than 0.0303455	75% of values less than 0.085042	90% of values less than 0.196893
Minimum 3.77656E-006 0.281252	Maximum 0.503435	
Mean 0.0695536	SD 0.0941088	Variance 0.00885647

EC10-EC12 Aromatics

Concentration at Boiler House Receptor [mg/l] - 1000 years

05% of values less than 1.31394E-006	10% of values less than 5.63323E-006	25% of values less than 5.49331E-005
50% of values less than 0.000407925	75% of values less than 0.00207181	90% of values less than 0.008385
Minimum 3.86348E-012 0.0145662	Maximum 0.0639501	
Mean 0.00287389	SD 0.006549	Variance 4.28894E-005

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 0.394693	10% of values less than 0.417017	25% of values less than 0.459571
50% of values less than 0.533101	75% of values less than 0.61726	90% of values less than 0.720313
Minimum 0.344935 than 0.776088	Maximum 1.09735	
Mean 0.551328	SD 0.121161	Variance 0.0146799

Retarded Travel Time to ETP Receptor [years]

05% of values less than 0.714782	10% of values less than 0.74221	25% of values less than 0.82522
50% of values less than 0.959811	75% of values less than 1.12214	90% of values less than 1.3384
Minimum 0.590059 than 1.46596	Maximum 2.26096	
Mean 1.00554	SD 0.244132	Variance 0.0596005

Lead

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to ETP Receptor [years]

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Naphthalene

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 985015	SD 121553	Variance 1.47752E+010

Retarded Travel Time to ETP Receptor [years]

05% of values less than 3.98687E+007	10% of values less than 4.24086E+007	25% of values less than 4.60755E+007
50% of values less than 5.17029E+007	75% of values less than 5.73403E+007	90% of values less than 6.29427E+007
Minimum 0.es less than 6.58746E+007	Maximum 7.51641E+007	
Mean 5.148E+007	SD 9.86877E+006	Variance 9.73927E+013

Trichloroethene (TCE)

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 0.391592	10% of values less than 0.407828	25% of values less than 0.437638
50% of values less than 0.486995	75% of values less than 0.563601	90% of values less than 0.650526
Minimum 0.344935	Maximum 0.945506	
Mean 0.51213	SD 0.100401	Variance 0.0100804

Retarded Travel Time to ETP Receptor [years]

05% of values less than 0.716275	10% of values less than 0.78715	25% of values less than 0.992152
50% of values less than 1.31922	75% of values less than 1.67048	90% of values less than 2.05371
Minimum 0.56262s	Maximum 4.09607	
Mean 1.39525	SD 0.526671	Variance 0.277382

Vinyl Chloride

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to ETP Receptor [years]

05% of values less than 1.90608E+006	10% of values less than 1.95177E+006	25% of values less than 2.03503E+006
50% of values less than 2.16035E+006	75% of values less than 2.28676E+006	90% of values less than 2.41571E+006
Minimum 1.79529E+0062.48042E+006	Maximum 2.69094E+006	
Mean 2.16939E+006	SD 173987	Variance 3.02714E+010

EC12-EC16 Aromatics

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 0.0484939	10% of values less than 0.0724233	25% of values less than 0.147107
50% of values less than 0.258263	75% of values less than 0.343158	90% of values less than 0.419085
Minimum 0.00914863	Maximum 0.662585	
Mean 0.253632	SD 0.131937	Variance 0.0174074

Retarded Travel Time to ETP Receptor [years]

05% of values less than 5.01085	10% of values less than 7.34329	25% of values less than 15.1932
50% of values less than 25.8364	75% of values less than 35.4894	90% of values less than 43.9555
Minimum 0.914868	Maximum 84.1402	
Mean 26.2552	SD 14.4961	Variance 210.138

EC16-EC21 Aromatics

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 0.0484939	10% of values less than 0.0724233	25% of values less than 0.147107
50% of values less than 0.258263	75% of values less than 0.343158	90% of values less than 0.419085
Minimum 0.00914863an 0.468637	Maximum 0.662585	
Mean 0.253632	SD 0.131937	Variance 0.0174074

Retarded Travel Time to ETP Receptor [years]

05% of values less than 15.9004	10% of values less than 23.3369	25% of values less than 48.2881
50% of values less than 81.9522	75% of values less than 112.861	90% of values less than 139.653
Minimum 2.90745s than 159.658	Maximum 267.88	
Mean 83.4586	SD 46.1133	Variance 2126.44

EC10-EC12 Aromatics

Unretarded Travel Time to ETP Receptor [years]

05% of values less than 0.0484939	10% of values less than 0.0724233	25% of values less than 0.147107
50% of values less than 0.258263	75% of values less than 0.343158	90% of values less than 0.419085
Minimum 0.00914863an 0.468637	Maximum 0.662585	
Mean 0.253632	SD 0.131937	Variance 0.0174074

Retarded Travel Time to ETP Receptor [years]

05% of values less than 2.53596	10% of values less than 3.70838	25% of values less than 7.66528
50% of values less than 13.0828	75% of values less than 17.9172	90% of values less than 22.2262
Minimum 0.462008 than 25.3283	Maximum 42.3811	
Mean 13.2544	SD 7.31047	Variance 53.4429

1,2-Dichloroethene (1,2-DCE)

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 5.83915E-018	10% of values less than 4.57087E-016	25% of values less than 1.49556E-012
50% of values less than 0.1864	75% of values less than 0.1864	90% of values less than 0.1864
Minimum 0.es less than 0.1864	Maximum 0.1864	
Mean 0.106328	SD 0.0923169	Variance 0.00852241

Lead

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0.009105	
Mean 0.00020011	SD 0.00133557	Variance 1.78374E-006

Naphthalene

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0.001	
Mean 1.4985E-005	SD 0.000121553	Variance 1.47752E-008

Trichloroethene (TCE)

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 4.32741E-017
50% of values less than 3.43717E-013	75% of values less than 0.02555	90% of values less than 0.05195
Minimum 0.es less than 0.05195	Maximum 0.05195	
Mean 0.010856	SD 0.01954	Variance 0.00038181

Vinyl Chloride

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

EC12-EC16 Aromatics

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 0.0211764	10% of values less than 0.0257728	25% of values less than 0.0371617
50% of values less than 0.0532336	75% of values less than 0.0750532	90% of values less than 0.0942178
Minimum 0.00530841an 0.100677	Maximum 0.31412	
Mean 0.0592338	SD 0.0354867	Variance 0.0012593

EC16-EC21 Aromatics

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 0.0047239	10% of values less than 0.00786707	25% of values less than 0.017861
50% of values less than 0.0402306	75% of values less than 0.100584	90% of values less than 0.181298
Minimum 0.000320374	Maximum 0.934075	
Mean 0.076254	SD 0.104478	Variance 0.0109157

EC10-EC12 Aromatics

Concentration at ETP Receptor [mg/l] - 1000 years

05% of values less than 1.06697E-005	10% of values less than 3.47415E-005	25% of values less than 0.000149049
50% of values less than 0.00067769	75% of values less than 0.0030815	90% of values less than 0.00809108
Minimum 5.93711E-008 0.0114277	Maximum 0.0887	
Mean 0.00331604	SD 0.00890493	Variance 7.92978E-005

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 0.177898	10% of values less than 0.197475	25% of values less than 0.233527
50% of values less than 0.299614	75% of values less than 0.361851	90% of values less than 0.429473
Minimum 0.134497 than 0.475897	Maximum 0.711893	
Mean 0.3055	SD 0.0926831	Variance 0.00859015

Retarded Travel Time to Tank Farm Receptor [years]

05% of values less than 0.318093	10% of values less than 0.351074	25% of values less than 0.419483
50% of values less than 0.534612	75% of values less than 0.665264	90% of values less than 0.785108
Minimum 0.231211 than 0.878834	Maximum 1.45509	
Mean 0.557081	SD 0.178141	Variance 0.0317342

Lead

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Tank Farm Receptor [years]

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Naphthalene

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Tank Farm Receptor [years]

05% of values less than 4.07404E+007	10% of values less than 4.27441E+007	25% of values less than 4.63962E+007
50% of values less than 5.18926E+007	75% of values less than 5.7437E+007	90% of values less than 6.30927E+007
Minimum 3.58812E+0076.59307E+007	Maximum 7.51641E+007	
Mean 5.22892E+007	SD 7.631E+006	Variance 5.82322E+013

Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 0.17789	10% of values less than 0.189645	25% of values less than 0.215217
50% of values less than 0.257478	75% of values less than 0.30734	90% of values less than 0.353853
Minimum 0.134497 than 0.385862	Maximum 0.548547	
Mean 0.266302	SD 0.0670263	Variance 0.00449253

Retarded Travel Time to Tank Farm Receptor [years]

05% of values less than 0.347254	10% of values less than 0.391854	25% of values less than 0.512891
50% of values less than 0.673602	75% of values less than 0.875442	90% of values less than 1.11906
Minimum 0.237038 than 1.28887	Maximum 2.36993	
Mean 0.724826	SD 0.296498	Variance 0.0879112

Vinyl Chloride

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Tank Farm Receptor [years]

05% of values less than 1.90608E+006	10% of values less than 1.95177E+006	25% of values less than 2.03503E+006
50% of values less than 2.16035E+006	75% of values less than 2.28676E+006	90% of values less than 2.41571E+006
Minimum 1.79529E+0062.48042E+006	Maximum 2.69094E+006	
Mean 2.16939E+006	SD 173987	Variance 3.02714E+010

EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 0.0175887	10% of values less than 0.0290439	25% of values less than 0.0714569
50% of values less than 0.140774	75% of values less than 0.256082	90% of values less than 0.376184
Minimum 0.000194939	Maximum 0.752658	
Mean 0.176608	SD 0.134774	Variance 0.0181642

Retarded Travel Time to Tank Farm Receptor [years]

05% of values less than 1.77808	10% of values less than 3.0069	25% of values less than 7.39624
50% of values less than 14.4513	75% of values less than 26.5323	90% of values less than 38.8936
Minimum 0.018276	Maximum 87.2774	
Mean 18.4386	SD 14.882	Variance 221.474

EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 0.0175887	10% of values less than 0.0290439	25% of values less than 0.0714569
50% of values less than 0.140774	75% of values less than 0.256082	90% of values less than 0.376184
Minimum 0.000194939	Maximum 0.752658	
Mean 0.176608	SD 0.134774	Variance 0.0181642

Retarded Travel Time to Tank Farm Receptor [years]

05% of values less than 5.65909	10% of values less than 9.55729	25% of values less than 23.4918
50% of values less than 45.949	75% of values less than 84.423	90% of values less than 123.644
Minimum 0.0580545	Maximum 277.632	
Mean 58.6149	SD 47.3354	Variance 2240.64

EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Receptor [years]

05% of values less than 0.0175887	10% of values less than 0.0290439	25% of values less than 0.0714569
50% of values less than 0.140774	75% of values less than 0.256082	90% of values less than 0.376184
Minimum 0.000194939	Maximum 0.752658	
Mean 0.176608	SD 0.134774	Variance 0.0181642

Retarded Travel Time to Tank Farm Receptor [years]

05% of values less than 0.896026	10% of values less than 1.51793	25% of values less than 3.73816
50% of values less than 7.29365	75% of values less than 13.3971	90% of values less than 19.632
Minimum 0.00923549	Maximum 44.015	
Mean 9.30759	SD 7.50626	Variance 56.3439

1,2-Dichloroethene (1,2-DCE)

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 0.1864	10% of values less than 0.1864	25% of values less than 0.1864
50% of values less than 0.1864	75% of values less than 0.1864	90% of values less than 0.1864
Minimum 0.000217741	Maximum 0.1864	
Mean 0.183165	SD 0.0239392	Variance 0.000573085

Lead

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Naphthalene

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 0.00042017	10% of values less than 0.00317791	25% of values less than 0.0264
50% of values less than 0.05195	75% of values less than 0.05195	90% of values less than 0.05195
Minimum 5.77611E-007 0.05195	Maximum 0.05195	
Mean 0.0392796	SD 0.0185335	Variance 0.000343492

Vinyl Chloride

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

EC12-EC16 Aromatics

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 0.0292687	10% of values less than 0.0357067	25% of values less than 0.0513411
50% of values less than 0.074895	75% of values less than 0.11124	90% of values less than 0.149727
Minimum 0.01202981	Maximum 0.276306	
Mean 0.0860284	SD 0.0470124	Variance 0.00221017

EC16-EC21 Aromatics

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 0.00155653	10% of values less than 0.0026307	25% of values less than 0.00600272
50% of values less than 0.0141351	75% of values less than 0.0374759	90% of values less than 0.0752711
Minimum 4.59481E-005 0.368122	Maximum 0.452532	
Mean 0.0425863	SD 0.0870341	Variance 0.00757494

EC10-EC12 Aromatics

Concentration at Tank Farm Receptor [mg/l] - 1000 years

05% of values less than 2.83848E-005	10% of values less than 8.59619E-005	25% of values less than 0.000401448
50% of values less than 0.00184889	75% of values less than 0.0102574	90% of values less than 0.0259257
Minimum 5.80096E-008 0.0316581	Maximum 0.068699	
Mean 0.00810364	SD 0.0127192	Variance 0.000161778

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0.0381994	10% of values less than 0.0559779	25% of values less than 0.0914617
50% of values less than 0.148782	75% of values less than 0.211999	90% of values less than 0.264997
Minimum 0.00617881	Maximum 0.476968	
Mean 0.155672	SD 0.0816234	Variance 0.00666238

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0.0702367	10% of values less than 0.101281	25% of values less than 0.163222
50% of values less than 0.263972	75% of values less than 0.387305	90% of values less than 0.484884
Minimum 0.01218221	Maximum 0.974909	
Mean 0.283757	SD 0.151494	Variance 0.0229503

Lead

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Naphthalene

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 4.07404E+007	10% of values less than 4.27441E+007	25% of values less than 4.63962E+007
50% of values less than 5.18926E+007	75% of values less than 5.7437E+007	90% of values less than 6.30927E+007
Minimum 3.58812E+0076.59307E+007	Maximum 7.51641E+007	
Mean 5.22892E+007	SD 7.631E+006	Variance 5.82322E+013

Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0.0381994	10% of values less than 0.0536345	25% of values less than 0.0768295
50% of values less than 0.110438	75% of values less than 0.151716	90% of values less than 0.187749
Minimum 0.00617881	Maximum 0.318077	
Mean 0.116474	SD 0.053578	Variance 0.00287061

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0.0904152	10% of values less than 0.127218	25% of values less than 0.188776
50% of values less than 0.278333	75% of values less than 0.412753	90% of values less than 0.560802
Minimum 0.01562421	Maximum 1.31788	
Mean 0.316214	SD 0.180434	Variance 0.0325566

Vinyl Chloride

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 1.90608E+006	10% of values less than 1.95177E+006	25% of values less than 2.03503E+006
50% of values less than 2.16035E+006	75% of values less than 2.28676E+006	90% of values less than 2.41571E+006
Minimum 1.79529E+0062.48042E+006	Maximum 2.69094E+006	
Mean 2.16939E+006	SD 173987	Variance 3.02714E+010

EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0.00100109	10% of values less than 0.0130021	25% of values less than 0.0543053
50% of values less than 0.144377	75% of values less than 0.276599	90% of values less than 1E+006
Minimum 0.00100109	Maximum 1E+006	
Mean 133866	SD 340679	Variance 1.16062E+011

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0.116677	10% of values less than 1.29596	25% of values less than 5.64505
50% of values less than 15.0397	75% of values less than 27.9689	90% of values less than 9.13396E+007
Minimum 0.00100109	Maximum 1.47581E+008	
Mean 1.38271E+007	SD 3.56214E+007	Variance 1.26888E+015

EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0.00100109	10% of values less than 0.0130021	25% of values less than 0.0543053
50% of values less than 0.144377	75% of values less than 0.276599	90% of values less than 1E+006
Minimum 0.00100109	Maximum 1E+006	
Mean 133866	SD 340679	Variance 1.16062E+011

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0.371165	10% of values less than 4.11967	25% of values less than 17.9505
50% of values less than 47.768	75% of values less than 88.996	90% of values less than 2.90087E+008
Minimum 0.00100109	Maximum 4.70061E+008	
Mean 4.39523E+007	SD 1.13248E+008	Variance 1.28251E+016

EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0.00100109	10% of values less than 0.0130021	25% of values less than 0.0543053
50% of values less than 0.144377	75% of values less than 0.276599	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 133866	SD 340679	Variance 1.16062E+011

Retarded Travel Time to Tank Farm Lagoon CHCs Receptor [years]

05% of values less than 0.0588393	10% of values less than 0.656277	25% of values less than 2.84835
50% of values less than 7.59621	75% of values less than 14.111	90% of values less than 4.61698E+007
Minimum 0.es less than 5.48202E+007	Maximum 7.42907E+007	
Mean 6.9805E+006	SD 1.7979E+007	Variance 3.23244E+014

1,2-Dichloroethene (1,2-DCE)

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0.1864	10% of values less than 0.1864	25% of values less than 0.1864
50% of values less than 0.1864	75% of values less than 0.1864	90% of values less than 0.1864
Minimum 0.1864ss than 0.1864	Maximum 0.1864	
Mean 0.1864	SD 2.17363E-008	Variance 4.72465E-016

Lead

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Naphthalene

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0.05195	10% of values less than 0.05195	25% of values less than 0.05195
50% of values less than 0.05195	75% of values less than 0.05195	90% of values less than 0.05195
Minimum 0.00424797an 0.05195	Maximum 0.05195	
Mean 0.0509128	SD 0.00492597	Variance 2.42652E-005

Vinyl Chloride

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

EC12-EC16 Aromatics

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 8.83682E-010
50% of values less than 0.000338503	75% of values less than 0.0257817	90% of values less than 0.120293
Minimum 0.0es less than 0.1765	Maximum 0.2965	
Mean 0.0307959	SD 0.0581269	Variance 0.00337874

EC16-EC21 Aromatics

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 1.28104E-010
50% of values less than 4.40028E-005	75% of values less than 0.00467954	90% of values less than 0.1325
Minimum 0.es less than 0.365	Maximum 0.4975	
Mean 0.0376343	SD 0.102146	Variance 0.0104338

EC10-EC12 Aromatics

Concentration at Tank Farm Lagoon CHCs Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 5.1327E-010
50% of values less than 1.5107E-005	75% of values less than 0.00325879	90% of values less than 0.0268221
Minimum 0.es less than 0.06715	Maximum 0.0919	
Mean 0.00922874	SD 0.0205112	Variance 0.000420711

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0	10% of values less than 0.0112852	25% of values less than 0.0468739
50% of values less than 0.104736	75% of values less than 0.169585	90% of values less than 0.223773
Minimum 0.es less than 0.266604	Maximum 1E+006	
Mean 20979.1	SD 143386	Variance 2.05594E+010

Retarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0	10% of values less than 0.0198285	25% of values less than 0.0854608
50% of values less than 0.189596	75% of values less than 0.307168	90% of values less than 0.409552
Minimum 0.es less than 0.476695	Maximum 1.97161E+006	
Mean 37195.9	SD 254701	Variance 6.48725E+010

Lead

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Naphthalene

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 4.07404E+007	10% of values less than 4.27441E+007	25% of values less than 4.63962E+007
50% of values less than 5.18926E+007	75% of values less than 5.7437E+007	90% of values less than 6.30927E+007
Minimum 3.58812E+0076.59307E+007	Maximum 7.51641E+007	
Mean 5.22892E+007	SD 7.631E+006	Variance 5.82322E+013

Trichloroethene (TCE)

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0.00931659	10% of values less than 0.0180965	25% of values less than 0.0374303
50% of values less than 0.0679568	75% of values less than 0.108595	90% of values less than 0.141063
Minimum 0.000615717	Maximum 0.252012	
Mean 0.0757609	SD 0.0479456	Variance 0.00229878

Retarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0.0249796	10% of values less than 0.0465763	25% of values less than 0.0935086
50% of values less than 0.172392	75% of values less than 0.283454	90% of values less than 0.402692
Minimum 0.00185959	Maximum 0.968648	
Mean 0.204489	SD 0.148916	Variance 0.022176

Vinyl Chloride

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 1.90608E+006	10% of values less than 1.95177E+006	25% of values less than 2.03503E+006
50% of values less than 2.16035E+006	75% of values less than 2.28676E+006	90% of values less than 2.41571E+006
Minimum 1.79529E+0062.48042E+006	Maximum 2.69094E+006	
Mean 2.16939E+006	SD 173987	Variance 3.02714E+010

EC12-EC16 Aromatics

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0	10% of values less than 0.00990277	25% of values less than 0.0540429
50% of values less than 0.15231	75% of values less than 0.316455	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 231768	SD 422173	Variance 1.7823E+011

Retarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0	10% of values less than 1.01741	25% of values less than 5.53683
50% of values less than 15.7907	75% of values less than 39.3676	90% of values less than 1.0605E+008
Minimum 0.es less than 1.15595E+008	Maximum 1.49328E+008	
Mean 2.39732E+007	SD 4.42614E+007	Variance 1.95907E+015

EC16-EC21 Aromatics

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0	10% of values less than 0.00990277	25% of values less than 0.0540429
50% of values less than 0.15231	75% of values less than 0.316455	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 231768	SD 422173	Variance 1.7823E+011

Retarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0	10% of values less than 3.22723	25% of values less than 17.5869
50% of values less than 50.1622	75% of values less than 125.294	90% of values less than 3.3716E+008
Minimum 0.es less than 3.67705E+008	Maximum 4.7565E+008	
Mean 7.62043E+007	SD 1.4072E+008	Variance 1.98022E+016

EC10-EC12 Aromatics

Unretarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0	10% of values less than 0.00990277	25% of values less than 0.0540429
50% of values less than 0.15231	75% of values less than 0.316455	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 231768	SD 422173	Variance 1.7823E+011

Retarded Travel Time to TCE - waste/oil Receptor [years]

05% of values less than 0	10% of values less than 0.515127	25% of values less than 2.79817
50% of values less than 7.98818	75% of values less than 19.8327	90% of values less than 5.35249E+007
Minimum 0.es less than 5.82976E+007	Maximum 7.51641E+007	
Mean 1.21025E+007	SD 2.2339E+007	Variance 4.9903E+014

1,2-Dichloroethene (1,2-DCE)

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0.1864	10% of values less than 0.1864	25% of values less than 0.1864
50% of values less than 0.1864	75% of values less than 0.1864	90% of values less than 0.1864
Minimum 0.05 less than 0.1864	Maximum 0.1864	
Mean 0.18249	SD 0.0267271	Variance 0.000714337

Lead

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Naphthalene

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0.05195	10% of values less than 0.05195	25% of values less than 0.05195
50% of values less than 0.05195	75% of values less than 0.05195	90% of values less than 0.05195
Minimum 0.02555s than 0.05195	Maximum 0.05195	
Mean 0.0510692	SD 0.00472569	Variance 2.23321E-005

Vinyl Chloride

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

EC12-EC16 Aromatics

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.12
Minimum 0.05 less than 0.1765	Maximum 0.2965	
Mean 0.0225539	SD 0.0563665	Variance 0.00317718

EC16-EC21 Aromatics

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.1325
Minimum 0.es less than 0.365	Maximum 0.4975	
Mean 0.0276648	SD 0.0876985	Variance 0.00769104

EC10-EC12 Aromatics

Concentration at TCE - waste/oil Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.02475
Minimum 0.es less than 0.06715	Maximum 0.0919	
Mean 0.00868631	SD 0.0210002	Variance 0.000441009

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 1.48405	10% of values less than 1.5094	25% of values less than 1.57879
50% of values less than 1.68326	75% of values less than 1.97986	90% of values less than 2.26982
Minimum 1.41137s than 2.48517	Maximum 3.1221	
Mean 1.80979	SD 0.320656	Variance 0.10282

Retarded Travel Time to VC MFB 50m [years]

05% of values less than 2.63263	10% of values less than 2.70672	25% of values less than 2.8362
50% of values less than 3.05492	75% of values less than 3.58037	90% of values less than 4.24345
Minimum 2.42711s than 4.75867	Maximum 6.4498	
Mean 3.30131	SD 0.681268	Variance 0.464126

Lead

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 0.215045	10% of values less than 0.253931	25% of values less than 0.337344
50% of values less than 0.453546	75% of values less than 0.563294	90% of values less than 0.678795
Minimum 0.140426	Maximum 1.09297	
Mean 0.459919	SD 0.161615	Variance 0.0261194

Retarded Travel Time to VC MFB 50m [years]

05% of values less than 615.126	10% of values less than 734.64	25% of values less than 989.629
50% of values less than 1340.27	75% of values less than 1696.8	90% of values less than 2161.59
Minimum 364.799s	Maximum 4564.64	
Mean 1411.02	SD 607.869	Variance 369505

Naphthalene

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 0.574305	10% of values less than 0.626851	25% of values less than 0.756192
50% of values less than 0.904774	75% of values less than 1.04348	90% of values less than 1.21713
Minimum 0.468203	Maximum 1.95022	
Mean 0.91844	SD 0.233672	Variance 0.0546026

Retarded Travel Time to VC MFB 50m [years]

05% of values less than 28.7581	10% of values less than 31.7579	25% of values less than 37.8464
50% of values less than 45.1798	75% of values less than 55.0495	90% of values less than 67.8779
Minimum 22.2324	Maximum 133.462	
Mean 48.1958	SD 15.5346	Variance 241.324

Trichloroethene (TCE)

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 1.4762	10% of values less than 1.49572	25% of values less than 1.53977
50% of values less than 1.63967	75% of values less than 1.94294	90% of values less than 2.21702
Minimum 1.41137s than 2.41132	Maximum 2.97766	
Mean 1.7706	SD 0.309276	Variance 0.0956517

Retarded Travel Time to VC MFB 50m [years]

05% of values less than 2.51605	10% of values less than 2.77336	25% of values less than 3.49355
50% of values less than 4.62915	75% of values less than 5.78729	90% of values less than 7.02635
Minimum 2.01982s than 8.18669	Maximum 13.143	
Mean 4.82736	SD 1.77972	Variance 3.16741

Vinyl Chloride

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 0.308749	10% of values less than 0.353402	25% of values less than 0.436359
50% of values less than 0.546768	75% of values less than 0.666553	90% of values less than 0.795291
Minimum 0.244715 than 0.875744	Maximum 1.20109	
Mean 0.56614	SD 0.171723	Variance 0.0294886

Retarded Travel Time to VC MFB 50m [years]

05% of values less than 0.659498	10% of values less than 0.755649	25% of values less than 0.953336
50% of values less than 1.18959	75% of values less than 1.45282	90% of values less than 1.72453
Minimum 0.530211 than 1.96804	Maximum 2.83916	
Mean 1.23098	SD 0.404014	Variance 0.163227

EC12-EC16 Aromatics

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 0.574305	10% of values less than 0.626851	25% of values less than 0.756192
50% of values less than 0.904774	75% of values less than 1.04348	90% of values less than 1.21713
Minimum 0.468203	Maximum 1.95022	
Mean 0.91844	SD 0.233672	Variance 0.0546026

Retarded Travel Time to VC MFB 50m [years]

05% of values less than 56.8992	10% of values less than 62.8167	25% of values less than 74.7958
50% of values less than 89.4405	75% of values less than 109.169	90% of values less than 134.497
Minimum 43.9673s	Maximum 265.028	
Mean 95.4731	SD 30.8676	Variance 952.808

EC16-EC21 Aromatics

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 0.574305	10% of values less than 0.626851	25% of values less than 0.756192
50% of values less than 0.904774	75% of values less than 1.04348	90% of values less than 1.21713
Minimum 0.468203	Maximum 1.95022	
Mean 0.91844	SD 0.233672	Variance 0.0546026

Retarded Travel Time to VC MFB 50m [years]

05% of values less than 180.72	10% of values less than 199.575	25% of values less than 237.486
50% of values less than 284.188	75% of values less than 347.295	90% of values less than 427.186
Minimum 139.601	Maximum 843.916	
Mean 303.494	SD 98.3336	Variance 9669.49

EC10-EC12 Aromatics

Unretarded Travel Time to VC MFB 50m [years]

05% of values less than 0.574305	10% of values less than 0.626851	25% of values less than 0.756192
50% of values less than 0.904774	75% of values less than 1.04348	90% of values less than 1.21713
Minimum 0.468203	Maximum 1.95022	
Mean 0.91844	SD 0.233672	Variance 0.0546026

Retarded Travel Time to VC MFB 50m [years]

05% of values less than 28.7581	10% of values less than 31.7579	25% of values less than 37.8464
50% of values less than 45.1798	75% of values less than 55.0495	90% of values less than 67.8779
Minimum 22.2324	Maximum 133.462	
Mean 48.1958	SD 15.5346	Variance 241.324

1,2-Dichloroethene (1,2-DCE)

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 1.62771E-009	10% of values less than 4.6134E-009	25% of values less than 2.33818E-008
50% of values less than 1.43381E-007	75% of values less than 8.62313E-007	90% of values less than 3.55274E-006
Minimum 1.59015E-011 6.86488E-006	Maximum 3.70441E-005	
Mean 1.34011E-006	SD 3.54083E-006	Variance 1.25375E-011

Lead

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 4.62216E-009	10% of values less than 2.6418E-008	25% of values less than 1.47954E-006
50% of values less than 5.39562E-005	75% of values less than 0.000613702	90% of values less than 0.00176154
Minimum 9.22954E-013 0.00290875	Maximum 0.00613975	
Mean 0.000542567	SD 0.00102362	Variance 1.0478E-006

Naphthalene

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 2.69839E-028	90% of values less than 2.6209E-022
Minimum 0.es less than 1.05164E-020	Maximum 2.60778E-017	
Mean 7.77374E-020	SD 1.00375E-018	Variance 1.00751E-036

Trichloroethene (TCE)

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 1.30487E-008	10% of values less than 6.60971E-008	25% of values less than 5.82166E-007
50% of values less than 2.79041E-006	75% of values less than 9.06541E-006	90% of values less than 2.25886E-005
Minimum 7.17896E-013 3.87353E-005	Maximum 0.000121872	
Mean 8.48807E-006	SD 1.49011E-005	Variance 2.22043E-010

Vinyl Chloride

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 8.29758E-005	10% of values less than 0.000178667	25% of values less than 0.00057726
50% of values less than 0.00236709	75% of values less than 0.015525	90% of values less than 0.015525
Minimum 7.67085E-006 0.015525	Maximum 0.015525	
Mean 0.00592836	SD 0.00651517	Variance 4.24474E-005

EC12-EC16 Aromatics

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 6.70086E-012	10% of values less than 1.54157E-011	25% of values less than 1.02869E-010
50% of values less than 1.35442E-009	75% of values less than 1.62995E-008	90% of values less than 1.00984E-007
Minimum 2.12554E-014 2.64213E-007	Maximum 1.49631E-006	
Mean 4.40171E-008	SD 1.38386E-007	Variance 1.91508E-014

EC16-EC21 Aromatics

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 2.58884E-017	10% of values less than 2.80266E-016	25% of values less than 8.78053E-015
50% of values less than 2.18354E-013	75% of values less than 4.18376E-012	90% of values less than 3.87954E-011
Minimum 2.17489E-021 1.08913E-010	Maximum 4.85501E-009	
Mean 3.53384E-011	SD 2.22024E-010	Variance 4.92948E-020

EC10-EC12 Aromatics

Concentration at VC MFB 50m [mg/l] - 1000 years

05% of values less than 1.04155E-024	10% of values less than 1.3298E-022	25% of values less than 4.35275E-020
50% of values less than 1.16854E-017	75% of values less than 1.58578E-015	90% of values less than 4.0173E-014
Minimum 0.es less than 1.93177E-013	Maximum 1.65433E-011	
Mean 9.77298E-014	SD 7.75163E-013	Variance 6.00878E-025

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 1.26574	10% of values less than 1.28929	25% of values less than 1.35435
50% of values less than 1.45334	75% of values less than 1.70327	90% of values less than 1.95382
Minimum 1.19598s than 2.15105	Maximum 2.71257	
Mean 1.55562	SD 0.278095	Variance 0.077337

Retarded Travel Time to Boiler House 50m [years]

05% of values less than 2.24343	10% of values less than 2.31205	25% of values less than 2.43308
50% of values less than 2.6313	75% of values less than 3.0705	90% of values less than 3.66015
Minimum 2.05608s than 4.10099	Maximum 5.60377	
Mean 2.83763	SD 0.589162	Variance 0.347112

Lead

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 0.0152556	10% of values less than 0.0412632	25% of values less than 0.114966
50% of values less than 0.225198	75% of values less than 0.333557	90% of values less than 0.452114
Minimum 0.05 less than 0.574934	Maximum 1.28588	
Mean 0.248802	SD 0.185575	Variance 0.0344383

Retarded Travel Time to Boiler House 50m [years]

05% of values less than 42.8829	10% of values less than 137.986	25% of values less than 337.1
50% of values less than 669.43	75% of values less than 1001.95	90% of values less than 1448.72
Minimum 0.05 less than 1935.09	Maximum 5182.43	
Mean 764.719	SD 619.232	Variance 383448

Naphthalene

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 0.347326	10% of values less than 0.398501	25% of values less than 0.516099
50% of values less than 0.655263	75% of values less than 0.794223	90% of values less than 0.921944
Minimum 0.248009	Maximum 1.53747	
Mean 0.664264	SD 0.209059	Variance 0.0437057

Retarded Travel Time to Boiler House 50m [years]

05% of values less than 17.3273	10% of values less than 19.9077	25% of values less than 25.8497
50% of values less than 33.249	75% of values less than 40.9202	90% of values less than 50.3262
Minimum 12.1878	Maximum 105.679	
Mean 34.8474	SD 13.0123	Variance 169.319

Trichloroethene (TCE)

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 1.25795	10% of values less than 1.27721	25% of values less than 1.32002
50% of values less than 1.40581	75% of values less than 1.661	90% of values less than 1.89923
Minimum 1.19598s than 2.0715	Maximum 2.56722	
Mean 1.51642	SD 0.265871	Variance 0.0706874

Retarded Travel Time to Boiler House 50m [years]

05% of values less than 2.1508	10% of values less than 2.37357	25% of values less than 2.9933
50% of values less than 3.96605	75% of values less than 4.96628	90% of values less than 6.02192
Minimum 1.7295ss than 6.99734	Maximum 11.1955	
Mean 4.13417	SD 1.52473	Variance 2.3248

Vinyl Chloride

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 0.0814011	10% of values less than 0.113875	25% of values less than 0.198109
50% of values less than 0.30384	75% of values less than 0.424365	90% of values less than 0.502354
Minimum 0.02543821	Maximum 0.8074	
Mean 0.311964	SD 0.150624	Variance 0.0226877

Retarded Travel Time to Boiler House 50m [years]

05% of values less than 0.17836	10% of values less than 0.252794	25% of values less than 0.430453
50% of values less than 0.66322	75% of values less than 0.911627	90% of values less than 1.08173
Minimum 0.05586561	Maximum 1.90855	
Mean 0.678254	SD 0.339726	Variance 0.115414

EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 0.347326	10% of values less than 0.398501	25% of values less than 0.516099
50% of values less than 0.655263	75% of values less than 0.794223	90% of values less than 0.921944
Minimum 0.248009	Maximum 1.53747	
Mean 0.664264	SD 0.209059	Variance 0.0437057

Retarded Travel Time to Boiler House 50m [years]

05% of values less than 34.2809	10% of values less than 39.4589	25% of values less than 51.2093
50% of values less than 65.8259	75% of values less than 81.042	90% of values less than 99.7696
Minimum 24.1028	Maximum 209.856	
Mean 69.0305	SD 25.8372	Variance 667.56

EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 0.347326	10% of values less than 0.398501	25% of values less than 0.516099
50% of values less than 0.655263	75% of values less than 0.794223	90% of values less than 0.921944
Minimum 0.248009	Maximum 1.53747	
Mean 0.664264	SD 0.209059	Variance 0.0437057

Retarded Travel Time to Boiler House 50m [years]

05% of values less than 108.999	10% of values less than 125.468	25% of values less than 162.791
50% of values less than 209.155	75% of values less than 257.578	90% of values less than 317.32
Minimum 76.5289	Maximum 668.236	
Mean 219.436	SD 82.2674	Variance 6767.92

EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House 50m [years]

05% of values less than 0.347326	10% of values less than 0.398501	25% of values less than 0.516099
50% of values less than 0.655263	75% of values less than 0.794223	90% of values less than 0.921944
Minimum 0.248009	Maximum 1.53747	
Mean 0.664264	SD 0.209059	Variance 0.0437057

Retarded Travel Time to Boiler House 50m [years]

05% of values less than 17.3273	10% of values less than 19.9077	25% of values less than 25.8497
50% of values less than 33.249	75% of values less than 40.9202	90% of values less than 50.3262
Minimum 12.1878s	Maximum 105.679	
Mean 34.8474	SD 13.0123	Variance 169.319

1,2-Dichloroethene (1,2-DCE)

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 1.60333E-010	10% of values less than 4.52225E-010	25% of values less than 2.49903E-009
50% of values less than 2.48225E-008	75% of values less than 2.14401E-007	90% of values less than 8.53321E-007
Minimum 1.03321E-012 1.63578E-006	Maximum 8.96837E-006	
Mean 3.15599E-007	SD 8.63416E-007	Variance 7.45487E-013

Lead

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 3.45979E-012	10% of values less than 7.28622E-010	25% of values less than 1.25674E-007
50% of values less than 5.02188E-006	75% of values less than 6.90322E-005	90% of values less than 0.000435429
Minimum 4.43935E-014 0.00122211	Maximum 0.0105061	
Mean 0.000387305	SD 0.00164967	Variance 2.72142E-006

Naphthalene

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 6.47572E-011	10% of values less than 6.95995E-010	25% of values less than 1.32442E-008
50% of values less than 2.23209E-007	75% of values less than 1.73921E-006	90% of values less than 7.2795E-006
Minimum 1.81507E-017 1.42244E-005	Maximum 6.56259E-005	
Mean 2.71952E-006	SD 7.41604E-006	Variance 5.49977E-011

Trichloroethene (TCE)

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 2.69219E-010	10% of values less than 1.03833E-009	25% of values less than 6.00565E-009
50% of values less than 8.54733E-008	75% of values less than 8.18217E-007	90% of values less than 2.96351E-006
Minimum 2.92214E-013 5.2701E-006	Maximum 2.48184E-005	
Mean 1.01866E-006	SD 2.50575E-006	Variance 6.2788E-012

Vinyl Chloride

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0.015525
50% of values less than 0.015525	75% of values less than 0.015525	90% of values less than 0.015525
Minimum 0.015525	Maximum 0.015525	
Mean 0.013059	SD 0.00567766	Variance 3.22358E-005

EC12-EC16 Aromatics

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 0.00817642	10% of values less than 0.0123138	25% of values less than 0.0215731
50% of values less than 0.0382612	75% of values less than 0.0578668	90% of values less than 0.0758756
Minimum 0.0005485231 0.0885537	Maximum 0.124379	
Mean 0.0416722	SD 0.0249451	Variance 0.000622259

EC16-EC21 Aromatics

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 7.50445E-005	10% of values less than 0.000263837	25% of values less than 0.00106538
50% of values less than 0.00409253	75% of values less than 0.0133044	90% of values less than 0.0324896
Minimum 3.84501E-008 0.049365	Maximum 0.134617	
Mean 0.0112046	SD 0.0176399	Variance 0.000311166

EC10-EC12 Aromatics

Concentration at Boiler House 50m [mg/l] - 1000 years

05% of values less than 8.64052E-009	10% of values less than 5.11797E-008	25% of values less than 1.20811E-006
50% of values less than 1.48343E-005	75% of values less than 9.5909E-005	90% of values less than 0.00039414
Minimum 5.68513E-016 0.000927199	Maximum 0.00612171	
Mean 0.000161169	SD 0.000454862	Variance 2.069E-007

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 1.58521	10% of values less than 1.61209	25% of values less than 1.68297
50% of values less than 1.78928	75% of values less than 2.11112	90% of values less than 2.41818
Minimum 1.51199s than 2.64421	Maximum 3.31342	
Mean 1.92853	SD 0.340672	Variance 0.116057

Retarded Travel Time to Lead MFB 50m [years]

05% of values less than 2.81672	10% of values less than 2.88959	25% of values less than 3.02708
50% of values less than 3.24906	75% of values less than 3.80614	90% of values less than 4.51258
Minimum 2.60044s than 5.07195	Maximum 6.84503	
Mean 3.51792	SD 0.72451	Variance 0.524914

Lead

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 0.323298	10% of values less than 0.362693	25% of values less than 0.449184
50% of values less than 0.569759	75% of values less than 0.678053	90% of values less than 0.817905
Minimum 0.24142s than 0.886863	Maximum 1.27482	
Mean 0.578659	SD 0.17218	Variance 0.0296461

Retarded Travel Time to Lead MFB 50m [years]

05% of values less than 885.809	10% of values less than 1051.05	25% of values less than 1312.22
50% of values less than 1676.39	75% of values less than 2079.68	90% of values less than 2619.69
Minimum 596.141s than 3046.37	Maximum 5383.8	
Mean 1775.67	SD 684.413	Variance 468421

Naphthalene

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 0.679748	10% of values less than 0.734065	25% of values less than 0.863762
50% of values less than 1.02314	75% of values less than 1.15963	90% of values less than 1.34818
Minimum 0.571068 than 1.48425	Maximum 2.14304	
Mean 1.03718	SD 0.247034	Variance 0.0610256

Retarded Travel Time to Lead MFB 50m [years]

05% of values less than 34.0186	10% of values less than 37.039	25% of values less than 43.3151
50% of values less than 50.7851	75% of values less than 61.5916	90% of values less than 75.6052
Minimum 26.9249s than 85.9787	Maximum 146.441	
Mean 54.4316	SD 16.8355	Variance 283.433

Trichloroethene (TCE)

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 1.57767	10% of values less than 1.59801	25% of values less than 1.64248
50% of values less than 1.74911	75% of values less than 2.07386	90% of values less than 2.36139
Minimum 1.51199s than 2.57161	Maximum 3.1694	
Mean 1.88934	SD 0.329615	Variance 0.108646

Retarded Travel Time to Lead MFB 50m [years]

05% of values less than 2.6801	10% of values less than 2.95199	25% of values less than 3.73517
50% of values less than 4.94295	75% of values less than 6.17224	90% of values less than 7.48978
Minimum 2.15545s than 8.7187	Maximum 14.0529	
Mean 5.15119	SD 1.89893	Variance 3.60595

Vinyl Chloride

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 0.415935	10% of values less than 0.45985	25% of values less than 0.549451
50% of values less than 0.664522	75% of values less than 0.784143	90% of values less than 0.926327
Minimum 0.345767 than 1.02414	Maximum 1.385	
Mean 0.68488	SD 0.184386	Variance 0.0339982

Retarded Travel Time to Lead MFB 50m [years]

05% of values less than 0.88593	10% of values less than 0.982851	25% of values less than 1.18841
50% of values less than 1.42892	75% of values less than 1.70973	90% of values less than 2.02452
Minimum 0.739573 than 2.33367	Maximum 3.2739	
Mean 1.48919	SD 0.441603	Variance 0.195013

EC12-EC16 Aromatics

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 0.679748	10% of values less than 0.734065	25% of values less than 0.863762
50% of values less than 1.02314	75% of values less than 1.15963	90% of values less than 1.34818
Minimum 0.571068	Maximum 2.14304	
Mean 1.03718	SD 0.247034	Variance 0.0610256

Retarded Travel Time to Lead MFB 50m [years]

05% of values less than 67.2577	10% of values less than 73.3977	25% of values less than 85.8353
50% of values less than 100.56	75% of values less than 122.047	90% of values less than 149.965
Minimum 53.2472	Maximum 290.801	
Mean 107.826	SD 33.4606	Variance 1119.61

EC16-EC21 Aromatics

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 0.679748	10% of values less than 0.734065	25% of values less than 0.863762
50% of values less than 1.02314	75% of values less than 1.15963	90% of values less than 1.34818
Minimum 0.571068 than 1.48425	Maximum 2.14304	
Mean 1.03718	SD 0.247034	Variance 0.0610256

Retarded Travel Time to Lead MFB 50m [years]

05% of values less than 213.424	10% of values less than 232.896	25% of values less than 272.673
50% of values less than 319.834	75% of values less than 387.983	90% of values less than 477.082
Minimum 169.065s than 542.565	Maximum 925.987	
Mean 342.761	SD 106.612	Variance 11366.2

EC10-EC12 Aromatics

Unretarded Travel Time to Lead MFB 50m [years]

05% of values less than 0.679748	10% of values less than 0.734065	25% of values less than 0.863762
50% of values less than 1.02314	75% of values less than 1.15963	90% of values less than 1.34818
Minimum 0.571068 than 1.48425	Maximum 2.14304	
Mean 1.03718	SD 0.247034	Variance 0.0610256

Retarded Travel Time to Lead MFB 50m [years]

05% of values less than 34.0186	10% of values less than 37.039	25% of values less than 43.3151
50% of values less than 50.7851	75% of values less than 61.5916	90% of values less than 75.6052
Minimum 26.9249s than 85.9787	Maximum 146.441	
Mean 54.4316	SD 16.8355	Variance 283.433

1,2-Dichloroethene (1,2-DCE)

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 2.83145E-018	10% of values less than 1.16127E-017	25% of values less than 1.44681E-016
50% of values less than 1.7981E-015	75% of values less than 2.96748E-014	90% of values less than 2.74719E-013
Minimum 5.7636E-021n 8.32858E-013	Maximum 1.07721E-011	
Mean 1.66962E-013	SD 7.3201E-013	Variance 5.35839E-025

Lead

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 2.43033E-008	10% of values less than 5.02251E-007	25% of values less than 2.36737E-005
50% of values less than 0.00028724	75% of values less than 0.00173362	90% of values less than 0.00426904
Minimum 2.26358E-014 0.00613114	Maximum 0.00887222	
Mean 0.00128813	SD 0.00194822	Variance 3.79556E-006

Naphthalene

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 2.08246E-006	10% of values less than 1.39825E-005	25% of values less than 0.000149499
50% of values less than 0.000856602	75% of values less than 0.00197892	90% of values less than 0.00292586
Minimum 2.17849E-010 0.00346741	Maximum 0.00510904	
Mean 0.00120396	SD 0.00116542	Variance 1.3582E-006

Vinyl Chloride

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 2.52604E-016	10% of values less than 1.2761E-015	25% of values less than 7.17889E-014
50% of values less than 8.16554E-012	75% of values less than 6.71277E-010	90% of values less than 0.015525
Minimum 1.10305E-017	0.015525	Maximum 0.015525
Mean 0.00170604	SD 0.00485791	Variance 2.35993E-005

EC12-EC16 Aromatics

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.4962E-019	75% of values less than 1.38491E-017	90% of values less than 2.44128E-016
Minimum 0.es less than 8.999E-016	Maximum 1.81619E-014	
Mean 2.23124E-016	SD 1.12488E-015	Variance 1.26535E-030

EC16-EC21 Aromatics

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 6.04475E-024	75% of values less than 1.79345E-021	90% of values less than 3.24122E-020
Minimum 0.es less than 2.00117E-019	Maximum 2.01335E-017	
Mean 9.67509E-020	SD 8.03295E-019	Variance 6.45283E-037

EC10-EC12 Aromatics

Concentration at Lead MFB 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 3.18703E-030	75% of values less than 1.02484E-025	90% of values less than 1.04576E-023
Minimum 0.es less than 1.3724E-022	Maximum 4.94859E-020	
Mean 2.16123E-022	SD 2.29879E-021	Variance 5.28446E-042

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 1.03096	10% of values less than 1.05256	25% of values less than 1.11298
50% of values less than 1.20783	75% of values less than 1.41248	90% of values less than 1.62156
Minimum 0.964389	Maximum 2.27224	
Mean 1.28233	SD 0.23297	Variance 0.0542751

Retarded Travel Time to BH Lead 50m [years]

05% of values less than 1.82922	10% of values less than 1.89233	25% of values less than 2.00612
50% of values less than 2.17904	75% of values less than 2.5437	90% of values less than 3.04328
Minimum 1.65714	Maximum 4.69411	
Mean 2.33907	SD 0.491161	Variance 0.241239

Lead

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0	10% of values less than 0.0129476	25% of values less than 0.0813633
50% of values less than 0.365575	75% of values less than 0.517274	90% of values less than 0.634856
Minimum 0.05 less than 0.741971	Maximum 1.10739	
Mean 0.330291	SD 0.250196	Variance 0.0625979

Retarded Travel Time to BH Lead 50m [years]

05% of values less than 0	10% of values less than 38.157	25% of values less than 241.94
50% of values less than 1036.46	75% of values less than 1542.47	90% of values less than 1987.65
Minimum 0.05 less than 2412.31	Maximum 4592.89	
Mean 1016.98	SD 832.506	Variance 693065

Naphthalene

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0.0910188	10% of values less than 0.138886	25% of values less than 0.247613
50% of values less than 0.393295	75% of values less than 0.524685	90% of values less than 0.6244
Minimum 0.0112544	Maximum 1.09368	
Mean 0.390973	SD 0.190596	Variance 0.0363269

Retarded Travel Time to BH Lead 50m [years]

05% of values less than 4.31673	10% of values less than 6.97824	25% of values less than 12.6296
50% of values less than 19.7886	75% of values less than 27.2248	90% of values less than 33.5192
Minimum 0.645333	Maximum 75.8063	
Mean 20.4951	SD 10.9306	Variance 119.479

Trichloroethene (TCE)

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 1.02173	10% of values less than 1.0416	25% of values less than 1.08448
50% of values less than 1.15681	75% of values less than 1.36688	90% of values less than 1.55683
Minimum 0.964389	Maximum 2.12591	
Mean 1.24313	SD 0.219507	Variance 0.0481834

Retarded Travel Time to BH Lead 50m [years]

05% of values less than 1.76674	10% of values less than 1.94063	25% of values less than 2.45259
50% of values less than 3.24343	75% of values less than 4.06766	90% of values less than 4.91197
Minimum 1.41734	Maximum 9.22898	
Mean 3.38885	SD 1.25101	Variance 1.56503

Vinyl Chloride

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0	10% of values less than 0.0167121	25% of values less than 0.0834338
50% of values less than 0.190032	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 341658	SD 474503	Variance 2.25153E+011

Retarded Travel Time to BH Lead 50m [years]

05% of values less than 0	10% of values less than 0.0350998	25% of values less than 0.176284
50% of values less than 0.418019	75% of values less than 2.04264E+006	90% of values less than 2.28014E+006
Minimum 0.es less than 2.37518E+006	Maximum 2.613E+006	
Mean 742704	SD 1.03678E+006	Variance 1.07491E+012

EC12-EC16 Aromatics

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0.0910188	10% of values less than 0.138886	25% of values less than 0.247613
50% of values less than 0.393295	75% of values less than 0.524685	90% of values less than 0.6244
Minimum 0.0112544	Maximum 1.09368	
Mean 0.390973	SD 0.190596	Variance 0.0363269

Retarded Travel Time to BH Lead 50m [years]

05% of values less than 8.54225	10% of values less than 13.824	25% of values less than 24.9797
50% of values less than 39.2333	75% of values less than 53.9266	90% of values less than 66.3748
Minimum 1.27941	Maximum 150.536	
Mean 40.5992	SD 21.6813	Variance 470.078

EC16-EC21 Aromatics

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0.0910188	10% of values less than 0.138886	25% of values less than 0.247613
50% of values less than 0.393295	75% of values less than 0.524685	90% of values less than 0.6244
Minimum 0.0112544	Maximum 1.09368	
Mean 0.390973	SD 0.190596	Variance 0.0363269

Retarded Travel Time to BH Lead 50m [years]

05% of values less than 27.1345	10% of values less than 43.9452	25% of values less than 79.3201
50% of values less than 124.842	75% of values less than 171.415	90% of values less than 210.939
Minimum 4.06936	Maximum 479.344	
Mean 129.057	SD 68.9845	Variance 4758.86

EC10-EC12 Aromatics

Unretarded Travel Time to BH Lead 50m [years]

05% of values less than 0.0910188	10% of values less than 0.138886	25% of values less than 0.247613
50% of values less than 0.393295	75% of values less than 0.524685	90% of values less than 0.6244
Minimum 0.0112544	Maximum 1.09368	
Mean 0.390973	SD 0.190596	Variance 0.0363269

Retarded Travel Time to BH Lead 50m [years]

05% of values less than 4.31673	10% of values less than 6.97824	25% of values less than 12.6296
50% of values less than 19.7886	75% of values less than 27.2248	90% of values less than 33.5192
Minimum 0.645333	Maximum 75.8063	
Mean 20.4951	SD 10.9306	Variance 119.479

1,2-Dichloroethene (1,2-DCE)

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 6.46224E-011	10% of values less than 1.59315E-010	25% of values less than 1.1557E-009
50% of values less than 1.83477E-008	75% of values less than 1.71664E-007	90% of values less than 7.58327E-007
Minimum 5.81639E-013 1.60808E-006	Maximum 8.76581E-006	
Mean 2.93758E-007	SD 8.27249E-007	Variance 6.84341E-013

Lead

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 1.10421E-006	10% of values less than 1.64039E-005	25% of values less than 0.00015938
50% of values less than 0.000928263	75% of values less than 0.00308093	90% of values less than 0.00616932
Minimum 2.57762E-011 0.0100496	Maximum 0.0163482	
Mean 0.00222792	SD 0.00302752	Variance 9.16587E-006

Naphthalene

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 1.26989E-008	10% of values less than 6.35221E-008	25% of values less than 6.69049E-007
50% of values less than 6.11686E-006	75% of values less than 3.34659E-005	90% of values less than 0.000141878
Minimum 1.01708E-013 0.000254057	Maximum 0.001	
Mean 4.52974E-005	SD 0.000103789	Variance 1.07721E-008

Trichloroethene (TCE)

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 7.75528E-011	10% of values less than 2.10502E-010	25% of values less than 1.78671E-009
50% of values less than 3.11839E-008	75% of values less than 3.75992E-007	90% of values less than 1.67489E-006
Minimum 2.03562E-013 2.79404E-006	Maximum 1.40718E-005	
Mean 5.62084E-007	SD 1.45303E-006	Variance 2.1113E-012

Vinyl Chloride

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0.015525	75% of values less than 0.015525	90% of values less than 0.015525
Minimum 0.es less than 0.015525	Maximum 0.015525	
Mean 0.0102208	SD 0.00736665	Variance 5.42676E-005

EC12-EC16 Aromatics

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 0.0225921	10% of values less than 0.0305723	25% of values less than 0.0495407
50% of values less than 0.0747235	75% of values less than 0.110061	90% of values less than 0.143822
Minimum 0.00284829an 0.16341	Maximum 0.204985	
Mean 0.0817856	SD 0.0422624	Variance 0.00178611

EC16-EC21 Aromatics

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 0.00153234	10% of values less than 0.00309293	25% of values less than 0.0094633
50% of values less than 0.0288821	75% of values less than 0.0801543	90% of values less than 0.193335
Minimum 3.78074E-006 0.279504	Maximum 0.500827	
Mean 0.0680583	SD 0.0933006	Variance 0.00870501

EC10-EC12 Aromatics

Concentration at BH Lead 50m [mg/l] - 1000 years

05% of values less than 1.35048E-006	10% of values less than 5.50834E-006	25% of values less than 5.25836E-005
50% of values less than 0.000395015	75% of values less than 0.00203516	90% of values less than 0.00807729
Minimum 3.86935E-012 0.0144631	Maximum 0.0639501	
Mean 0.00281893	SD 0.0064992	Variance 4.22396E-005

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.793196	10% of values less than 0.815678	25% of values less than 0.867402
50% of values less than 0.95688	75% of values less than 1.10785	90% of values less than 1.27712
Minimum 0.732113 than 1.40389	Maximum 1.8306	
Mean 1.00822	SD 0.188837	Variance 0.0356596

Retarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 1.41185	10% of values less than 1.46301	25% of values less than 1.56705
50% of values less than 1.72571	75% of values less than 2.00533	90% of values less than 2.42493
Minimum 1.25702s than 2.65743	Maximum 3.78175	
Mean 1.83904	SD 0.394723	Variance 0.155806

Lead

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.0477093	10% of values less than 0.0733148	25% of values less than 0.141545
50% of values less than 0.230345	75% of values less than 0.319318	90% of values less than 0.397518
Minimum 0.00250515an 0.449798	Maximum 0.675376	
Mean 0.235882	SD 0.123364	Variance 0.0152188

Retarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 148.003	10% of values less than 214.036	25% of values less than 417.833
50% of values less than 689.769	75% of values less than 962.937	90% of values less than 1245.09
Minimum 9.71601s than 1481.85	Maximum 2534.24	
Mean 723.941	SD 420.506	Variance 176825

Naphthalene

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.0107813	10% of values less than 0.0417571	25% of values less than 0.123512
50% of values less than 0.253099	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 252747	SD 434804	Variance 1.89055E+011

Retarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.508643	10% of values less than 2.27819	25% of values less than 6.58718
50% of values less than 13.019	75% of values less than 3.77217E+007	90% of values less than 5.44138E+007
Minimum 0.es less than 5.8677E+007	Maximum 7.42907E+007	
Mean 1.32316E+007	SD 2.30992E+007	Variance 5.33571E+014

Trichloroethene (TCE)

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.786749	10% of values less than 0.804592	25% of values less than 0.844992
50% of values less than 0.908582	75% of values less than 1.06549	90% of values less than 1.21958
Minimum 0.732113 than 1.32926	Maximum 1.6833	
Mean 0.969027	SD 0.173573	Variance 0.0301274

Retarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 1.36793	10% of values less than 1.51187	25% of values less than 1.8978
50% of values less than 2.52273	75% of values less than 3.16226	90% of values less than 3.85826
Minimum 1.10425s than 4.47267	Maximum 7.30429	
Mean 2.64131	SD 0.977333	Variance 0.955179

Vinyl Chloride

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 951049	SD 215874	Variance 4.66014E+010

Retarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 1.80637E+006	10% of values less than 1.90787E+006	25% of values less than 2.01672E+006
50% of values less than 2.13883E+006	75% of values less than 2.27971E+006	90% of values less than 2.4063E+006
Minimum 0.es less than 2.47914E+006	Maximum 2.69094E+006	
Mean 2.06247E+006	SD 498043	Variance 2.48047E+011

EC12-EC16 Aromatics

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.0315016	10% of values less than 0.0620631	25% of values less than 0.141554
50% of values less than 0.275092	75% of values less than 0.544821	90% of values less than 0.766676
Minimum 0.00147925an 0.871021	Maximum 1.28782	
Mean 0.353647	SD 0.273649	Variance 0.074884

Retarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 3.02103	10% of values less than 6.396	25% of values less than 14.166
50% of values less than 28.211	75% of values less than 56.3129	90% of values less than 79.1384
Minimum 0.147109than 91.5735	Maximum 172.126	
Mean 36.7846	SD 29.8241	Variance 889.48

EC16-EC21 Aromatics

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.0315016	10% of values less than 0.0620631	25% of values less than 0.141554
50% of values less than 0.275092	75% of values less than 0.544821	90% of values less than 0.766676
Minimum 0.00147925	Maximum 1.28782	
Mean 0.353647	SD 0.273649	Variance 0.074884

Retarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 9.58488	10% of values less than 20.3268	25% of values less than 45.0651
50% of values less than 89.6637	75% of values less than 178.542	90% of values less than 251.816
Minimum 0.467495	Maximum 548.236	
Mean 116.933	SD 94.8551	Variance 8997.49

EC10-EC12 Aromatics

Unretarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 0.0315016	10% of values less than 0.0620631	25% of values less than 0.141554
50% of values less than 0.275092	75% of values less than 0.544821	90% of values less than 0.766676
Minimum 0.00147925	Maximum 1.28782	
Mean 0.353647	SD 0.273649	Variance 0.074884

Retarded Travel Time to Lead Boiler House Receptor [years]

05% of values less than 1.52925	10% of values less than 3.22841	25% of values less than 7.16824
50% of values less than 14.2445	75% of values less than 28.3993	90% of values less than 39.8689
Minimum 0.0742942	Maximum 86.646	
Mean 18.5691	SD 15.0445	Variance 226.336

1,2-Dichloroethene (1,2-DCE)

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 3.03834E-013	10% of values less than 1.07329E-012	25% of values less than 2.01491E-011
50% of values less than 8.5908E-010	75% of values less than 1.58638E-008	90% of values less than 1.00797E-007
Minimum 5.67902E-015	2.22101E-007	Maximum 1.32618E-006
Mean 3.97162E-008	SD 1.24095E-007	Variance 1.53996E-014

Lead

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0.000714789	10% of values less than 0.00135891	25% of values less than 0.00304612
50% of values less than 0.00572058	75% of values less than 0.00818864	90% of values less than 0.00892484
Minimum 2.79639E-005 0.00903314	Maximum 0.00910256	
Mean 0.00544962	SD 0.00279989	Variance 7.8394E-006

Naphthalene

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.63722E-005	75% of values less than 0.000158228	90% of values less than 0.000412289
Minimum 0.es less than 0.001	Maximum 0.001	
Mean 0.000145081	SD 0.000260978	Variance 6.81097E-008

Trichloroethene (TCE)

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 2.69545E-013	10% of values less than 1.10513E-012	25% of values less than 1.90877E-011
50% of values less than 8.86959E-010	75% of values less than 2.18247E-008	90% of values less than 1.18764E-007
Minimum 1.81134E-015 2.54649E-007	Maximum 1.24436E-006	
Mean 4.50808E-008	SD 1.31969E-007	Variance 1.74159E-014

Vinyl Chloride

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000	Maximum 0.015525	
Mean 0.000759965	SD 0.00335144	Variance 1.12321E-005

EC12-EC16 Aromatics

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0.00728984	10% of values less than 0.011046	25% of values less than 0.0345638
50% of values less than 0.111172	75% of values less than 0.15303	90% of values less than 0.191123
Minimum 0.0009832211 0.209238	Maximum 0.241427	
Mean 0.104109	SD 0.0655008	Variance 0.00429035

EC16-EC21 Aromatics

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 0.000300959	10% of values less than 0.000886453	25% of values less than 0.00879811
50% of values less than 0.0794164	75% of values less than 0.208828	90% of values less than 0.37594
Minimum 6.16539E-007 0.486747	Maximum 0.671377	
Mean 0.139802	SD 0.163382	Variance 0.0266937

EC10-EC12 Aromatics

Concentration at Lead Boiler House Receptor [mg/l] - 1000 years

05% of values less than 7.50404E-008	10% of values less than 3.72454E-007	25% of values less than 5.01145E-005
50% of values less than 0.00182555	75% of values less than 0.0101711	90% of values less than 0.0265303
Minimum 3.62647E-013 0.0639502	Maximum 0.0641787	
Mean 0.00919028	SD 0.0166166	Variance 0.000276113

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 1.35352	10% of values less than 1.37729	25% of values less than 1.44439
50% of values less than 1.54436	75% of values less than 1.81164	90% of values less than 2.0839
Minimum 1.28234s than 2.28674	Maximum 2.87677	
Mean 1.65753	SD 0.295106	Variance 0.0870876

Retarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 2.40037	10% of values less than 2.46984	25% of values less than 2.59408
50% of values less than 2.80167	75% of values less than 3.27474	90% of values less than 3.89165
Minimum 2.20485s than 4.36252	Maximum 5.94299	
Mean 3.02354	SD 0.626005	Variance 0.391883

Lead

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 0.0722438	10% of values less than 0.110783	25% of values less than 0.19174
50% of values less than 0.304542	75% of values less than 0.412628	90% of values less than 0.502144
Minimum 0.010084 than 0.569785	Maximum 0.859779	
Mean 0.307656	SD 0.151125	Variance 0.0228388

Retarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 211.638	10% of values less than 327.068	25% of values less than 556.777
50% of values less than 902.028	75% of values less than 1229.73	90% of values less than 1596.62
Minimum 29.2168s than 1904.46	Maximum 3597.18	
Mean 943.417	SD 526.138	Variance 276821

Naphthalene

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 0.438522	10% of values less than 0.489744	25% of values less than 0.613916
50% of values less than 0.757516	75% of values less than 0.892279	90% of values less than 1.04056
Minimum 0.336297	Maximum 1.70297	
Mean 0.766177	SD 0.218192	Variance 0.0476079

Retarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 21.8006	10% of values less than 24.6511	25% of values less than 30.4783
50% of values less than 38.1693	75% of values less than 46.3751	90% of values less than 57.2637
Minimum 16.2152s	Maximum 116.819	
Mean 40.1995	SD 13.9721	Variance 195.221

Trichloroethene (TCE)

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 1.3452	10% of values less than 1.36501	25% of values less than 1.40822
50% of values less than 1.50019	75% of values less than 1.77277	90% of values less than 2.02343
Minimum 1.28234s than 2.2071	Maximum 2.73179	
Mean 1.61833	SD 0.283249	Variance 0.08023

Retarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 2.30183	10% of values less than 2.53036	25% of values less than 3.19002
50% of values less than 4.23206	75% of values less than 5.29957	90% of values less than 6.43944
Minimum 1.84591s than 7.46948	Maximum 11.9763	
Mean 4.41211	SD 1.62693	Variance 2.64691

Vinyl Chloride

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 0.172426	10% of values less than 0.214772	25% of values less than 0.295939
50% of values less than 0.405791	75% of values less than 0.522466	90% of values less than 0.615666
Minimum 0.115132 than 0.691848	Maximum 0.965251	
Mean 0.413877	SD 0.157948	Variance 0.0249476

Retarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 0.370743	10% of values less than 0.460176	25% of values less than 0.641695
50% of values less than 0.873607	75% of values less than 1.12086	90% of values less than 1.33089
Minimum 0.247637 than 1.52438	Maximum 2.28168	
Mean 0.899871	SD 0.362317	Variance 0.131273

EC12-EC16 Aromatics

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 0.438522	10% of values less than 0.489744	25% of values less than 0.613916
50% of values less than 0.757516	75% of values less than 0.892279	90% of values less than 1.04056
Minimum 0.336297	Maximum 1.70297	
Mean 0.766177	SD 0.218192	Variance 0.0476079

Retarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 43.1334	10% of values less than 48.8638	25% of values less than 60.3175
50% of values less than 75.6067	75% of values less than 91.8597	90% of values less than 113.665
Minimum 32.0676s	Maximum 231.977	
Mean 79.6328	SD 27.752	Variance 770.174

EC16-EC21 Aromatics

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 0.438522	10% of values less than 0.489744	25% of values less than 0.613916
50% of values less than 0.757516	75% of values less than 0.892279	90% of values less than 1.04056
Minimum 0.336297 than 1.13884	Maximum 1.70297	
Mean 0.766177	SD 0.218192	Variance 0.0476079

Retarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 136.998	10% of values less than 155.071	25% of values less than 191.577
50% of values less than 240.144	75% of values less than 292.274	90% of values less than 361.83
Minimum 101.818s than 407.508	Maximum 738.676	
Mean 253.139	SD 88.3841	Variance 7811.75

EC10-EC12 Aromatics

Unretarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 0.438522	10% of values less than 0.489744	25% of values less than 0.613916
50% of values less than 0.757516	75% of values less than 0.892279	90% of values less than 1.04056
Minimum 0.336297	Maximum 1.70297	
Mean 0.766177	SD 0.218192	Variance 0.0476079

Retarded Travel Time to Lead MFB core and store Receptor [years]

05% of values less than 21.8006	10% of values less than 24.6511	25% of values less than 30.4783
50% of values less than 38.1693	75% of values less than 46.3751	90% of values less than 57.2637
Minimum 16.2152s	Maximum 116.819	
Mean 40.1995	SD 13.9721	Variance 195.221

1,2-Dichloroethene (1,2-DCE)

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 5.39532E-019	10% of values less than 2.17577E-018	25% of values less than 3.2891E-017
50% of values less than 5.22457E-016	75% of values less than 1.01109E-014	90% of values less than 1.15683E-013
Minimum 1.27252E-021 3.41844E-013	Maximum 4.57027E-012	
Mean 7.08783E-014	SD 3.12888E-013	Variance 9.78986E-026

Lead

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 8.61428E-005	10% of values less than 0.000376325	25% of values less than 0.00200035
50% of values less than 0.00532854	75% of values less than 0.00846156	90% of values less than 0.00956728
Minimum 1.20285E-008 0.00974883	Maximum 0.00985301	
Mean 0.00521026	SD 0.00336963	Variance 1.13544E-005

Naphthalene

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 7.20151E-006	10% of values less than 3.52137E-005	25% of values less than 0.000272766
50% of values less than 0.00120573	75% of values less than 0.00249139	90% of values less than 0.00347496
Minimum 2.70539E-009 0.00405516	Maximum 0.00571456	
Mean 0.00151516	SD 0.00135276	Variance 1.82997E-006

Vinyl Chloride

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 1.04215E-018	10% of values less than 8.16126E-017	25% of values less than 3.10628E-013
50% of values less than 0.015525	75% of values less than 0.015525	90% of values less than 0.015525
Minimum 0.es less than 0.015525	Maximum 0.015525	
Mean 0.009802	SD 0.00749353	Variance 5.6153E-005

EC12-EC16 Aromatics

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.39997E-018	90% of values less than 3.51286E-017
Minimum 0.es less than 1.4187E-016	Maximum 3.19783E-015	
Mean 3.66853E-017	SD 1.97137E-016	Variance 3.88629E-032

EC16-EC21 Aromatics

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 5.07848E-022	90% of values less than 1.12299E-020
Minimum 0.es less than 7.36275E-020	Maximum 5.91951E-018	
Mean 3.45959E-020	SD 2.57918E-019	Variance 6.65219E-038

EC10-EC12 Aromatics

Concentration at Lead MFB core and store Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.42023E-026	90% of values less than 8.02603E-024
Minimum 0.es less than 1.12722E-022	Maximum 3.30821E-020	
Mean 1.59159E-022	SD 1.67963E-021	Variance 2.82115E-042

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 0.24265	10% of values less than 0.26448	25% of values less than 0.302195
50% of values less than 0.371646	75% of values less than 0.441074	90% of values less than 0.516386
Minimum 0.198336 than 0.565736	Maximum 0.82877	
Mean 0.38004	SD 0.100262	Variance 0.0100525

Retarded Travel Time to TCE waste oil 50m [years]

05% of values less than 0.440241	10% of values less than 0.473134	25% of values less than 0.548026
50% of values less than 0.663312	75% of values less than 0.802258	90% of values less than 0.94645
Minimum 0.340021 than 1.0559	Maximum 1.69398	
Mean 0.693062	SD 0.196004	Variance 0.0384177

Lead

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE waste oil 50m [years]

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Naphthalene

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE waste oil 50m [years]

05% of values less than 4.07404E+007	10% of values less than 4.27441E+007	25% of values less than 4.63962E+007
50% of values less than 5.18926E+007	75% of values less than 5.7437E+007	90% of values less than 6.30927E+007
Minimum 3.58812E+0076.59307E+007	Maximum 7.51641E+007	
Mean 5.22892E+007	SD 7.631E+006	Variance 5.82322E+013

Trichloroethene (TCE)

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 0.242595	10% of values less than 0.256114	25% of values less than 0.284376
50% of values less than 0.327336	75% of values less than 0.385641	90% of values less than 0.443068
Minimum 0.198336 than 0.479416	Maximum 0.668913	
Mean 0.340842	SD 0.0761754	Variance 0.0058027

Retarded Travel Time to TCE waste oil 50m [years]

05% of values less than 0.462299	10% of values less than 0.517541	25% of values less than 0.658466
50% of values less than 0.872344	75% of values less than 1.11264	90% of values less than 1.4055
Minimum 0.340529 than 1.6065	Maximum 2.89333	
Mean 0.928113	SD 0.363886	Variance 0.132413

Vinyl Chloride

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE waste oil 50m [years]

05% of values less than 1.90608E+006	10% of values less than 1.95177E+006	25% of values less than 2.03503E+006
50% of values less than 2.16035E+006	75% of values less than 2.28676E+006	90% of values less than 2.41571E+006
Minimum 1.79529E+0062.48042E+006	Maximum 2.69094E+006	
Mean 2.16939E+006	SD 173987	Variance 3.02714E+010

EC12-EC16 Aromatics

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 0.0252084	10% of values less than 0.0478695	25% of values less than 0.106189
50% of values less than 0.175716	75% of values less than 0.277962	90% of values less than 0.388356
Minimum 0.000384731	Maximum 0.865661	
Mean 0.203184	SD 0.135854	Variance 0.0184564

Retarded Travel Time to TCE waste oil 50m [years]

05% of values less than 2.39223	10% of values less than 5.07703	25% of values less than 10.5226
50% of values less than 18.0216	75% of values less than 27.7626	90% of values less than 41.5706
Minimum 0.0448333	Maximum 100.381	
Mean 21.1695	SD 15.0909	Variance 227.736

EC16-EC21 Aromatics

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 0.0252084	10% of values less than 0.0478695	25% of values less than 0.106189
50% of values less than 0.175716	75% of values less than 0.277962	90% of values less than 0.388356
Minimum 0.000384731	Maximum 0.865661	
Mean 0.203184	SD 0.135854	Variance 0.0184564

Retarded Travel Time to TCE waste oil 50m [years]

05% of values less than 7.59548	10% of values less than 16.1181	25% of values less than 33.4397
50% of values less than 57.3178	75% of values less than 88.1958	90% of values less than 132.084
Minimum 0.14262s	Maximum 319.315	
Mean 67.2953	SD 48.0032	Variance 2304.31

EC10-EC12 Aromatics

Unretarded Travel Time to TCE waste oil 50m [years]

05% of values less than 0.0252084	10% of values less than 0.0478695	25% of values less than 0.106189
50% of values less than 0.175716	75% of values less than 0.277962	90% of values less than 0.388356
Minimum 0.000384731	Maximum 0.865661	
Mean 0.203184	SD 0.135854	Variance 0.0184564

Retarded Travel Time to TCE waste oil 50m [years]

05% of values less than 1.20967	10% of values less than 2.56769	25% of values less than 5.31422
50% of values less than 9.09069	75% of values less than 13.9955	90% of values less than 20.9993
Minimum 0.022609	Maximum 50.6234	
Mean 10.6863	SD 7.61088	Variance 57.9255

1,2-Dichloroethene (1,2-DCE)

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0.1864	25% of values less than 0.1864
50% of values less than 0.1864	75% of values less than 0.1864	90% of values less than 0.1864
Minimum 0.es less than 0.1864	Maximum 0.1864	
Mean 0.172434	SD 0.0490981	Variance 0.00241063

Lead

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Naphthalene

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0.00278885	10% of values less than 0.00382151	25% of values less than 0.00803628
50% of values less than 0.0315805	75% of values less than 0.05195	90% of values less than 0.05195
Minimum 0.000486719	Maximum 0.05195	
Mean 0.0310576	SD 0.0204632	Variance 0.000418744

Vinyl Chloride

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

EC12-EC16 Aromatics

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.12	Maximum 0.12	
Mean 0.00983017	SD 0.0329252	Variance 0.00108407

EC16-EC21 Aromatics

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.365	Maximum 0.365	
Mean 0.0255245	SD 0.0931322	Variance 0.0086736

EC10-EC12 Aromatics

Concentration at TCE waste oil 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.02475
Minimum 0.es less than 0.02475	Maximum 0.02475	
Mean 0.0025467	SD 0.00752341	Variance 5.66018E-005

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 0.288514	10% of values less than 0.309623	25% of values less than 0.349803
50% of values less than 0.418588	75% of values less than 0.492054	90% of values less than 0.576168
Minimum 0.240931 than 0.624658	Maximum 0.906753	
Mean 0.429775	SD 0.105897	Variance 0.0112142

Retarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 0.520102	10% of values less than 0.553078	25% of values less than 0.630052
50% of values less than 0.748583	75% of values less than 0.894586	90% of values less than 1.05816
Minimum 0.412622 than 1.17197	Maximum 1.85636	
Mean 0.783791	SD 0.209122	Variance 0.0437321

Lead

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 2.15786E+009	10% of values less than 2.31043E+009	25% of values less than 2.6285E+009
50% of values less than 2.99798E+009	75% of values less than 3.46703E+009	90% of values less than 3.84391E+009
Minimum 1.78983E+0094.08971E+009	Maximum 4.8102E+009	
Mean 3.0565E+009	SD 5.84329E+008	Variance 3.4144E+017

Naphthalene

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 4.07404E+007	10% of values less than 4.27441E+007	25% of values less than 4.63962E+007
50% of values less than 5.18926E+007	75% of values less than 5.7437E+007	90% of values less than 6.30927E+007
Minimum 3.58812E+0076.59307E+007	Maximum 7.51641E+007	
Mean 5.22892E+007	SD 7.631E+006	Variance 5.82322E+013

Trichloroethene (TCE)

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 0.285633	10% of values less than 0.301578	25% of values less than 0.329295
50% of values less than 0.374467	75% of values less than 0.43653	90% of values less than 0.501445
Minimum 0.240931 than 0.540751	Maximum 0.749224	
Mean 0.390577	SD 0.0828424	Variance 0.00686286

Retarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 0.533577	10% of values less than 0.598186	25% of values less than 0.75817
50% of values less than 1.00301	75% of values less than 1.27721	90% of values less than 1.5889
Minimum 0.40958s than 1.8314	Maximum 3.24256	
Mean 1.06375	SD 0.410335	Variance 0.168375

Vinyl Chloride

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 1.90608E+006	10% of values less than 1.95177E+006	25% of values less than 2.03503E+006
50% of values less than 2.16035E+006	75% of values less than 2.28676E+006	90% of values less than 2.41571E+006
Minimum 1.79529E+0062.48042E+006	Maximum 2.69094E+006	
Mean 2.16939E+006	SD 173987	Variance 3.02714E+010

EC12-EC16 Aromatics

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 0.0273771	10% of values less than 0.0466696	25% of values less than 0.117394
50% of values less than 0.19846	75% of values less than 0.288633	90% of values less than 0.397635
Minimum 0.000415141	Maximum 0.941059	
Mean 0.215999	SD 0.139098	Variance 0.0193483

Retarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 2.81763	10% of values less than 4.94772	25% of values less than 11.7694
50% of values less than 20.0985	75% of values less than 29.3307	90% of values less than 41.4673
Minimum 0.0371	Maximum 109.124	
Mean 22.4852	SD 15.5492	Variance 241.777

EC16-EC21 Aromatics

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 0.0273771	10% of values less than 0.0466696	25% of values less than 0.117394
50% of values less than 0.19846	75% of values less than 0.288633	90% of values less than 0.397635
Minimum 0.000415141	Maximum 0.941059	
Mean 0.215999	SD 0.139098	Variance 0.0193483

Retarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 8.94764	10% of values less than 15.7224	25% of values less than 37.376
50% of values less than 63.8683	75% of values less than 93.2231	90% of values less than 131.81
Minimum 0.117807	Maximum 347.127	
Mean 71.4774	SD 49.4627	Variance 2446.56

EC10-EC12 Aromatics

Unretarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 0.0273771	10% of values less than 0.0466696	25% of values less than 0.117394
50% of values less than 0.19846	75% of values less than 0.288633	90% of values less than 0.397635
Minimum 0.000415141	Maximum 0.941059	
Mean 0.215999	SD 0.139098	Variance 0.0193483

Retarded Travel Time to TF Lagoon CHC 50 m [years]

05% of values less than 1.42445	10% of values less than 2.49362	25% of values less than 5.94971
50% of values less than 10.1434	75% of values less than 14.8089	90% of values less than 20.9349
Minimum 0.0187576	Maximum 55.0326	
Mean 11.3506	SD 7.84162	Variance 61.4909

1,2-Dichloroethene (1,2-DCE)

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 0.00655749	10% of values less than 0.0148316	25% of values less than 0.1864
50% of values less than 0.1864	75% of values less than 0.1864	90% of values less than 0.1864
Minimum 0.0005389661 0.1864	Maximum 0.1864	
Mean 0.160863	SD 0.0619016	Variance 0.00383181

Lead

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Naphthalene

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 0.00114112	10% of values less than 0.0021893	25% of values less than 0.00607492
50% of values less than 0.0190211	75% of values less than 0.05195	90% of values less than 0.05195
Minimum 0.000112216	Maximum 0.05195	
Mean 0.025683	SD 0.0204668	Variance 0.000418891

Vinyl Chloride

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

EC12-EC16 Aromatics

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 2.61567E-008	10% of values less than 3.1117E-007	25% of values less than 1.30603E-005
50% of values less than 0.000413596	75% of values less than 0.00495316	90% of values less than 0.0214271
Minimum 5.87299E-011 0.120004	Maximum 0.14313	
Mean 0.0114537	SD 0.0308076	Variance 0.000949107

EC16-EC21 Aromatics

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 4.20044E-009	10% of values less than 3.41818E-008	25% of values less than 8.3078E-007
50% of values less than 2.8596E-005	75% of values less than 0.000426375	90% of values less than 0.00226394
Minimum 1.7535E-011n 0.365	Maximum 0.367969	
Mean 0.0218813	SD 0.086	Variance 0.007396

EC10-EC12 Aromatics

Concentration at TF Lagoon CHC 50 m [mg/l] - 1000 years

05% of values less than 2.31317E-010	10% of values less than 1.32939E-009	25% of values less than 3.41663E-008
50% of values less than 1.34637E-006	75% of values less than 3.44955E-005	90% of values less than 0.00053222
Minimum 2.51523E-012 0.0247503	Maximum 0.0253219	
Mean 0.00214207	SD 0.00690654	Variance 4.77003E-005

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0.633317	10% of values less than 0.655354	25% of values less than 0.705702
50% of values less than 0.78951	75% of values less than 0.912272	90% of values less than 1.05642
Minimum 0.577212 than 1.14332	Maximum 1.53608	
Mean 0.82543	SD 0.160494	Variance 0.0257584

Retarded Travel Time to ETP 50m [years]

05% of values less than 1.13268	10% of values less than 1.17648	25% of values less than 1.2717
50% of values less than 1.42139	75% of values less than 1.64195	90% of values less than 1.9933
Minimum 0.990182 than 2.16883	Maximum 3.17331	
Mean 1.50557	SD 0.332243	Variance 0.110386

Lead

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0.0168799	10% of values less than 0.0301385	25% of values less than 0.075188
50% of values less than 0.174049	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.00018627an 1E+006	Maximum 1E+006	
Mean 330669	SD 470689	Variance 2.21548E+011

Retarded Travel Time to ETP 50m [years]

05% of values less than 52.8533	10% of values less than 86.9283	25% of values less than 224.76
50% of values less than 512.661	75% of values less than 2.59542E+009	90% of values less than 3.36703E+009
Minimum 0.493791 than 3.69961E+009	Maximum 4.51511E+009	
Mean 1.00646E+009	SD 1.47244E+009	Variance 2.16807E+018

Naphthalene

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0	10% of values less than 0.0235182	25% of values less than 0.119808
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 563437	SD 496207	Variance 2.46222E+011

Retarded Travel Time to ETP 50m [years]

05% of values less than 0	10% of values less than 1.10269	25% of values less than 6.1117
50% of values less than 4.30183E+007	75% of values less than 5.351E+007	90% of values less than 5.992E+007
Minimum 0.es less than 6.39099E+007	Maximum 7.51641E+007	
Mean 2.96321E+007	SD 2.67547E+007	Variance 7.15815E+014

Trichloroethene (TCE)

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0.629461	10% of values less than 0.646673	25% of values less than 0.683192
50% of values less than 0.740117	75% of values less than 0.862158	90% of values less than 0.993328
Minimum 0.577212 than 1.08632	Maximum 1.38812	
Mean 0.786232	SD 0.143525	Variance 0.0205994

Retarded Travel Time to ETP 50m [years]

05% of values less than 1.11182	10% of values less than 1.22286	25% of values less than 1.52945
50% of values less than 2.04362	75% of values less than 2.56627	90% of values less than 3.13564
Minimum 0.895463 than 3.61454	Maximum 6.02075	
Mean 2.14279	SD 0.795732	Variance 0.63319

Vinyl Chloride

Unretarded Travel Time to ETP 50m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to ETP 50m [years]

05% of values less than 1.90608E+006	10% of values less than 1.95177E+006	25% of values less than 2.03503E+006
50% of values less than 2.16035E+006	75% of values less than 2.28676E+006	90% of values less than 2.41571E+006
Minimum 1.79529E+0062.48042E+006	Maximum 2.69094E+006	
Mean 2.16939E+006	SD 173987	Variance 3.02714E+010

EC12-EC16 Aromatics

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0.0315833	10% of values less than 0.0632846	25% of values less than 0.158949
50% of values less than 0.389603	75% of values less than 0.564442	90% of values less than 0.684283
Minimum 0.00128454	Maximum 1.08648	
Mean 0.380039	SD 0.239219	Variance 0.0572258

Retarded Travel Time to ETP 50m [years]

05% of values less than 3.49557	10% of values less than 6.29513	25% of values less than 15.9118
50% of values less than 39.8799	75% of values less than 57.0908	90% of values less than 72.2636
Minimum 0.155369	Maximum 134.86	
Mean 39.5825	SD 26.4071	Variance 697.337

EC16-EC21 Aromatics

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0.0315833	10% of values less than 0.0632846	25% of values less than 0.158949
50% of values less than 0.389603	75% of values less than 0.564442	90% of values less than 0.684283
Minimum 0.00128454	Maximum 1.08648	
Mean 0.380039	SD 0.239219	Variance 0.0572258

Retarded Travel Time to ETP 50m [years]

05% of values less than 11.1232	10% of values less than 20.0067	25% of values less than 50.499
50% of values less than 126.702	75% of values less than 181.463	90% of values less than 229.7
Minimum 0.494355	Maximum 429.566	
Mean 125.828	SD 83.9997	Variance 7055.96

EC10-EC12 Aromatics

Unretarded Travel Time to ETP 50m [years]

05% of values less than 0.0315833	10% of values less than 0.0632846	25% of values less than 0.158949
50% of values less than 0.389603	75% of values less than 0.564442	90% of values less than 0.684283
Minimum 0.00128454	Maximum 1.08648	
Mean 0.380039	SD 0.239219	Variance 0.0572258

Retarded Travel Time to ETP 50m [years]

05% of values less than 1.76203	10% of values less than 3.17885	25% of values less than 8.05105
50% of values less than 20.1055	75% of values less than 28.8695	90% of values less than 36.4233
Minimum 0.0783267	Maximum 67.8818	
Mean 19.9813	SD 13.318	Variance 177.369

1,2-Dichloroethene (1,2-DCE)

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 6.22687E-015	10% of values less than 2.67061E-014	25% of values less than 1.23027E-012
50% of values less than 1.31139E-010	75% of values less than 4.21973E-009	90% of values less than 3.72519E-008
Minimum 1.54413E-016 8.56942E-008	Maximum 0.1864	
Mean 0.000186228	SD 0.00589154	Variance 3.47102E-005

Lead

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0.00659694	75% of values less than 0.00888735	90% of values less than 0.00908656
Minimum 0.00000000	Maximum 0.009105	
Mean 0.00520975	SD 0.00373179	Variance 1.39262E-005

Naphthalene

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.000151303	90% of values less than 0.000612706
Minimum 0.es less than 0.001	Maximum 0.001	
Mean 0.000158939	SD 0.000301922	Variance 9.11568E-008

Trichloroethene (TCE)

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 3.79489E-015	10% of values less than 1.91316E-014	25% of values less than 7.70328E-013
50% of values less than 9.9019E-011	75% of values less than 4.07544E-009	90% of values less than 4.02532E-008
Minimum 3.77587E-017 8.99882E-008	Maximum 0.05195	
Mean 0.000417744	SD 0.00366797	Variance 1.3454E-005

Vinyl Chloride

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

EC12-EC16 Aromatics

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 0.00960277	10% of values less than 0.012726	25% of values less than 0.0227033
50% of values less than 0.0456515	75% of values less than 0.166167	90% of values less than 0.212571
Minimum 0.00102602an 0.227592	Maximum 0.268454	
Mean 0.0913275	SD 0.0796644	Variance 0.00634642

EC16-EC21 Aromatics

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 0.000465959	10% of values less than 0.00128172	25% of values less than 0.0041872
50% of values less than 0.0213144	75% of values less than 0.227852	90% of values less than 0.457289
Minimum 5.07716E-006 0.652407	Maximum 0.707306	
Mean 0.140717	SD 0.196352	Variance 0.0385539

EC10-EC12 Aromatics

Concentration at ETP 50m [mg/l] - 1000 years

05% of values less than 1.97523E-007	10% of values less than 1.14403E-006	25% of values less than 1.22767E-005
50% of values less than 0.000274789	75% of values less than 0.0108366	90% of values less than 0.0396529
Minimum 2.53647E-011 0.0639783	Maximum 0.0653786	
Mean 0.0104338	SD 0.0193224	Variance 0.000373354

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.419188	10% of values less than 0.441961	25% of values less than 0.485001
50% of values less than 0.560254	75% of values less than 0.647158	90% of values less than 0.753921
Minimum 0.368896	Maximum 1.14168	
Mean 0.579602	SD 0.124954	Variance 0.0156135

Retarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.757045	10% of values less than 0.785694	25% of values less than 0.871636
50% of values less than 1.0079	75% of values less than 1.17877	90% of values less than 1.40975
Minimum 0.631333	Maximum 2.35507	
Mean 1.05712	SD 0.25274	Variance 0.0638777

Lead

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.0005544121 1E+006	Maximum 1E+006	
Mean 978022	SD 146685	Variance 2.15165E+010

Retarded Travel Time to Tank Farm 50m [years]

05% of values less than 2.07088E+009	10% of values less than 2.26543E+009	25% of values less than 2.59711E+009
50% of values less than 2.98591E+009	75% of values less than 3.4551E+009	90% of values less than 3.84292E+009
Minimum 1.49797s than 4.08466E+009	Maximum 4.8102E+009	
Mean 2.99211E+009	SD 7.31639E+008	Variance 5.35296E+017

Naphthalene

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.0139326	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 948052	SD 222033	Variance 4.92987E+010

Retarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.816955	10% of values less than 4.07404E+007	25% of values less than 4.55929E+007
50% of values less than 5.09504E+007	75% of values less than 5.69839E+007	90% of values less than 6.24083E+007
Minimum 0.es less than 6.55536E+007	Maximum 7.51641E+007	
Mean 4.95003E+007	SD 1.37319E+007	Variance 1.88566E+014

Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.416239	10% of values less than 0.433371	25% of values less than 0.463366
50% of values less than 0.51373	75% of values less than 0.595918	90% of values less than 0.684619
Minimum 0.368896	Maximum 0.991164	
Mean 0.540404	SD 0.104673	Variance 0.0109563

Retarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.760088	10% of values less than 0.832095	25% of values less than 1.04455
50% of values less than 1.39331	75% of values less than 1.76694	90% of values less than 2.16531
Minimum 0.597214	Maximum 4.29461	
Mean 1.47236	SD 0.554108	Variance 0.307035

Vinyl Chloride

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Tank Farm 50m [years]

05% of values less than 1.90608E+006	10% of values less than 1.95177E+006	25% of values less than 2.03503E+006
50% of values less than 2.16035E+006	75% of values less than 2.28676E+006	90% of values less than 2.41571E+006
Minimum 1.79529E+0062.48042E+006	Maximum 2.69094E+006	
Mean 2.16939E+006	SD 173987	Variance 3.02714E+010

EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.0699606	10% of values less than 0.0954592	25% of values less than 0.168634
50% of values less than 0.283479	75% of values less than 0.372906	90% of values less than 0.447177
Minimum 0.00246623an 0.499902	Maximum 0.705642	
Mean 0.278434	SD 0.136731	Variance 0.0186953

Retarded Travel Time to Tank Farm 50m [years]

05% of values less than 7.0711	10% of values less than 9.38179	25% of values less than 17.4433
50% of values less than 28.4417	75% of values less than 38.4985	90% of values less than 47.006
Minimum 0.278226 than 54.1606	Maximum 89.6438	
Mean 28.8302	SD 15.129	Variance 228.888

EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.0699606	10% of values less than 0.0954592	25% of values less than 0.168634
50% of values less than 0.283479	75% of values less than 0.372906	90% of values less than 0.447177
Minimum 0.00246623an 0.499902	Maximum 0.705642	
Mean 0.278434	SD 0.136731	Variance 0.0186953

Retarded Travel Time to Tank Farm 50m [years]

05% of values less than 22.4977	10% of values less than 29.8269	25% of values less than 55.5019
50% of values less than 90.2403	75% of values less than 122.341	90% of values less than 149.117
Minimum 0.884898 than 172.274	Maximum 285.402	
Mean 91.644	SD 48.1301	Variance 2316.51

EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm 50m [years]

05% of values less than 0.0699606	10% of values less than 0.0954592	25% of values less than 0.168634
50% of values less than 0.283479	75% of values less than 0.372906	90% of values less than 0.447177
Minimum 0.00246623an 0.499902	Maximum 0.705642	
Mean 0.278434	SD 0.136731	Variance 0.0186953

Retarded Travel Time to Tank Farm 50m [years]

05% of values less than 3.56506	10% of values less than 4.73538	25% of values less than 8.79366
50% of values less than 14.3965	75% of values less than 19.4365	90% of values less than 23.7852
Minimum 0.140346 than 27.2888	Maximum 45.1532	
Mean 14.5543	SD 7.62885	Variance 58.1993

1,2-Dichloroethene (1,2-DCE)

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0.000729803	10% of values less than 0.001531	25% of values less than 0.00495841
50% of values less than 0.0221003	75% of values less than 0.1864	90% of values less than 0.1864
Minimum 4.58595E-005 0.1864	Maximum 0.1864	
Mean 0.0946276	SD 0.0898393	Variance 0.00807111

Lead

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0.009105	
Mean 0.000372932	SD 0.00180547	Variance 3.25972E-006

Naphthalene

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0.001	Maximum 0.001	
Mean 5.19481E-005	SD 0.000222033	Variance 4.92987E-008

Trichloroethene (TCE)

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0.000161466	10% of values less than 0.00028201	25% of values less than 0.000948397
50% of values less than 0.00400217	75% of values less than 0.011069	90% of values less than 0.05195
Minimum 1.47401E-005 0.05195	Maximum 0.05195	
Mean 0.0121731	SD 0.0174784	Variance 0.000305493

Vinyl Chloride

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

EC12-EC16 Aromatics

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 0.0112286	10% of values less than 0.0144278	25% of values less than 0.0231013
50% of values less than 0.0360477	75% of values less than 0.052998	90% of values less than 0.0729677
Minimum 0.00242248an 0.0963913	Maximum 0.279818	
Mean 0.0470548	SD 0.047596	Variance 0.00226538

EC16-EC21 Aromatics

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 8.89754E-005	10% of values less than 0.000216927	25% of values less than 0.000653245
50% of values less than 0.00204448	75% of values less than 0.00519342	90% of values less than 0.0108191
Minimum 9.35372E-007 0.0189987	Maximum 0.661533	
Mean 0.0310696	SD 0.129617	Variance 0.0168005

EC10-EC12 Aromatics

Concentration at Tank Farm 50m [mg/l] - 1000 years

05% of values less than 2.05438E-007	10% of values less than 8.03455E-007	25% of values less than 7.48707E-006
50% of values less than 6.20687E-005	75% of values less than 0.000386317	90% of values less than 0.00156168
Minimum 7.91781E-010 0.06395	Maximum 0.0656128	
Mean 0.0036276	SD 0.0141979	Variance 0.000201582

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.91823	10% of values less than 2.94737	25% of values less than 3.03045
50% of values less than 3.21714	75% of values less than 3.81023	90% of values less than 4.3681
Minimum 2.82382s than 4.72821	Maximum 5.80767	
Mean 3.47659	SD 0.605208	Variance 0.366277

Retarded Travel Time to DCE Receptor [years]

05% of values less than 5.14966	10% of values less than 5.24767	25% of values less than 5.46722
50% of values less than 5.84152	75% of values less than 6.85344	90% of values less than 8.07474
Minimum 4.8318ss than 9.18876	Maximum 11.9978	
Mean 6.34199	SD 1.29397	Variance 1.67437

Lead

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.67741	10% of values less than 1.72766	25% of values less than 1.84284
50% of values less than 1.9991	75% of values less than 2.3502	90% of values less than 2.69068
Minimum 1.55811s than 2.93407	Maximum 3.68295	
Mean 2.12672	SD 0.391494	Variance 0.153268

Retarded Travel Time to DCE Receptor [years]

05% of values less than 4337.53	10% of values less than 4634.38	25% of values less than 5244.16
50% of values less than 6037.59	75% of values less than 7142.24	90% of values less than 9164.48
Minimum 3407.05s than 10377.4	Maximum 16680.7	
Mean 6529.77	SD 1973.36	Variance 3.89413E+006

Naphthalene

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.03429	10% of values less than 2.08906	25% of values less than 2.25867
50% of values less than 2.44981	75% of values less than 2.8263	90% of values less than 3.22633
Minimum 1.89424s than 3.53156	Maximum 4.65689	
Mean 2.58524	SD 0.471601	Variance 0.222408

Retarded Travel Time to DCE Receptor [years]

05% of values less than 98.7934	10% of values less than 103.356	25% of values less than 112.602
50% of values less than 124.579	75% of values less than 145.985	90% of values less than 186.765
Minimum 83.2973s than 214.779	Maximum 315.654	
Mean 135.73	SD 36.4156	Variance 1326.09

Trichloroethene (TCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.90502	10% of values less than 2.93137	25% of values less than 2.98273
50% of values less than 3.17845	75% of values less than 3.75971	90% of values less than 4.31249
Minimum 2.82382s than 4.63327	Maximum 5.66918	
Mean 3.4374	SD 0.596411	Variance 0.355706

Retarded Travel Time to DCE Receptor [years]

05% of values less than 4.86237	10% of values less than 5.38293	25% of values less than 6.82239
50% of values less than 9.01311	75% of values less than 11.22	90% of values less than 13.5686
Minimum 3.92367s than 15.7323	Maximum 25.9738	
Mean 9.37308	SD 3.45549	Variance 11.9404

Vinyl Chloride

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.77089	10% of values less than 1.82631	25% of values less than 1.93611
50% of values less than 2.10306	75% of values less than 2.44489	90% of values less than 2.81892
Minimum 1.66323s than 3.03447	Maximum 3.82096	
Mean 2.23294	SD 0.412837	Variance 0.170434

Retarded Travel Time to DCE Receptor [years]

05% of values less than 3.69756	10% of values less than 3.88902	25% of values less than 4.13339
50% of values less than 4.53051	75% of values less than 5.24485	90% of values less than 6.31265
Minimum 3.43847s than 7.14369	Maximum 9.5939	
Mean 4.85555	SD 1.07706	Variance 1.16006

EC12-EC16 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.03429	10% of values less than 2.08906	25% of values less than 2.25867
50% of values less than 2.44981	75% of values less than 2.8263	90% of values less than 3.22633
Minimum 1.89424s than 3.53156	Maximum 4.65689	
Mean 2.58524	SD 0.471601	Variance 0.222408

Retarded Travel Time to DCE Receptor [years]

05% of values less than 195.437	10% of values less than 204.331	25% of values less than 223.016
50% of values less than 246.535	75% of values less than 289.225	90% of values less than 370.453
Minimum 164.548s than 426.026	Maximum 626.823	
Mean 268.875	SD 72.4522	Variance 5249.33

EC16-EC21 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.03429	10% of values less than 2.08906	25% of values less than 2.25867
50% of values less than 2.44981	75% of values less than 2.8263	90% of values less than 3.22633
Minimum 1.89424s than 3.53156	Maximum 4.65689	
Mean 2.58524	SD 0.471601	Variance 0.222408

Retarded Travel Time to DCE Receptor [years]

05% of values less than 620.894	10% of values less than 648.854	25% of values less than 708.585
50% of values less than 783.438	75% of values less than 918.566	90% of values less than 1178.68
Minimum 522.051s than 1355.51	Maximum 1995.97	
Mean 854.712	SD 231.016	Variance 53368.2

EC10-EC12 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.03429	10% of values less than 2.08906	25% of values less than 2.25867
50% of values less than 2.44981	75% of values less than 2.8263	90% of values less than 3.22633
Minimum 1.89424s than 3.53156	Maximum 4.65689	
Mean 2.58524	SD 0.471601	Variance 0.222408

Retarded Travel Time to DCE Receptor [years]

05% of values less than 98.7934	10% of values less than 103.356	25% of values less than 112.602
50% of values less than 124.579	75% of values less than 145.985	90% of values less than 186.765
Minimum 83.2973s than 214.779	Maximum 315.654	
Mean 135.73	SD 36.4156	Variance 1326.09

1,2-Dichloroethene (1,2-DCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 4.13011E-010	10% of values less than 2.95579E-009	25% of values less than 3.63998E-008
50% of values less than 4.68581E-007	75% of values less than 4.12582E-006	90% of values less than 1.1869E-005
Minimum 6.21822E-013 1.99293E-005	Maximum 7.74377E-005	
Mean 4.00409E-006	SD 8.05619E-006	Variance 6.49021E-011

Lead

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 9.04239E-019	10% of values less than 1.94703E-018	25% of values less than 7.80865E-018
50% of values less than 7.62606E-017	75% of values less than 9.25354E-016	90% of values less than 3.41013E-015
Minimum 1.41849E-019 5.64328E-015	Maximum 1.30428E-014	
Mean 1.04613E-015	SD 2.14631E-015	Variance 4.60665E-030

Naphthalene

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 1.49835E-029	25% of values less than 2.26328E-025
50% of values less than 1.63449E-021	75% of values less than 1.54384E-018	90% of values less than 1.22112E-016
Minimum 0.es less than 1.08386E-015	Maximum 9.59755E-014	
Mean 6.01716E-016	SD 4.94002E-015	Variance 2.44038E-029

Trichloroethene (TCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 3.30233E-009	10% of values less than 7.8496E-008	25% of values less than 5.71441E-006
50% of values less than 0.000128271	75% of values less than 0.000569691	90% of values less than 0.00109139
Minimum 5.48531E-017 0.00170745	Maximum 0.00401305	
Mean 0.000399679	SD 0.000596215	Variance 3.55472E-007

Vinyl Chloride

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 4.80569E-007	10% of values less than 2.09857E-006	25% of values less than 2.02782E-005
50% of values less than 0.000118243	75% of values less than 0.00033371	90% of values less than 0.000607122
Minimum 7.38944E-010 0.000855095	Maximum 0.00135081	
Mean 0.000225134	SD 0.000273787	Variance 7.49593E-008

EC12-EC16 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 9.17168E-009	10% of values less than 4.95382E-008	25% of values less than 4.63208E-007
50% of values less than 3.44637E-006	75% of values less than 1.55529E-005	90% of values less than 4.16524E-005
Minimum 1.49732E-012 6.643E-005	Maximum 0.000194659	
Mean 1.41148E-005	SD 2.52771E-005	Variance 6.38931E-010

EC16-EC21 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 6.94671E-019	10% of values less than 8.53989E-017	25% of values less than 2.9071E-014
50% of values less than 2.52292E-012	75% of values less than 8.13833E-011	90% of values less than 8.26628E-010
Minimum 1.23227E-024 2.92936E-009	Maximum 4.43509E-008	
Mean 6.57603E-010	SD 2.95881E-009	Variance 8.75455E-018

EC10-EC12 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 5.93582E-030	10% of values less than 5.88867E-027	25% of values less than 4.4444E-023
50% of values less than 2.51003E-019	75% of values less than 3.2731E-016	90% of values less than 1.33046E-014
Minimum 0.es less than 5.75952E-014	Maximum 4.29491E-012	
Mean 2.80082E-014	SD 2.25815E-013	Variance 5.09925E-026

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.00628	10% of values less than 3.03555	25% of values less than 3.11887
50% of values less than 3.31281	75% of values less than 3.91938	90% of values less than 4.49308
Minimum 2.91096s than 4.86824	Maximum 5.97334	
Mean 3.57942	SD 0.622901	Variance 0.388005

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 5.30558	10% of values less than 5.40815	25% of values less than 5.63018
50% of values less than 6.0136	75% of values less than 7.05373	90% of values less than 8.3052
Minimum 4.97876s than 9.4705	Maximum 12.34	
Mean 6.52957	SD 1.33199	Variance 1.7742

Lead

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.76595	10% of values less than 1.81556	25% of values less than 1.93537
50% of values less than 2.08948	75% of values less than 2.46703	90% of values less than 2.82474
Minimum 1.64557s than 3.0793	Maximum 3.84862	
Mean 2.22954	SD 0.408151	Variance 0.166587

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 4553.73	10% of values less than 4869.96	25% of values less than 5490.71
50% of values less than 6336.33	75% of values less than 7465.14	90% of values less than 9613
Minimum 3592.28s than 10909.4	Maximum 17431.1	
Mean 6845.55	SD 2064.51	Variance 4.26221E+006

Naphthalene

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.12255	10% of values less than 2.17907	25% of values less than 2.35086
50% of values less than 2.54739	75% of values less than 2.94007	90% of values less than 3.35384
Minimum 1.98155s than 3.67316	Maximum 4.82387	
Mean 2.68806	SD 0.488094	Variance 0.238235

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 103.13	10% of values less than 107.517	25% of values less than 117.26
50% of values less than 129.645	75% of values less than 151.75	90% of values less than 193.999
Minimum 86.9135s than 224.465	Maximum 326.894	
Mean 141.13	SD 37.7866	Variance 1427.83

Trichloroethene (TCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.99318	10% of values less than 3.02003	25% of values less than 3.07145
50% of values less than 3.27426	75% of values less than 3.87179	90% of values less than 4.43994
Minimum 2.91096s than 4.77073	Maximum 5.83522	
Mean 3.54022	SD 0.614186	Variance 0.377224

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 5.01022	10% of values less than 5.54022	25% of values less than 7.0229
50% of values less than 9.28057	75% of values less than 11.5512	90% of values less than 13.9823
Minimum 4.04112s than 16.2094	Maximum 26.7704	
Mean 9.65351	SD 3.55896	Variance 12.6662

Vinyl Chloride

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.85988	10% of values less than 1.91787	25% of values less than 2.02509
50% of values less than 2.19345	75% of values less than 2.55857	90% of values less than 2.94455
Minimum 1.75074s than 3.17227	Maximum 3.9863	
Mean 2.33576	SD 0.429657	Variance 0.184605

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.887	10% of values less than 4.07422	25% of values less than 4.32334
50% of values less than 4.73738	75% of values less than 5.47814	90% of values less than 6.59902
Minimum 3.61604s than 7.45118	Maximum 10.0209	
Mean 5.07916	SD 1.12267	Variance 1.26039

EC12-EC16 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.12255	10% of values less than 2.17907	25% of values less than 2.35086
50% of values less than 2.54739	75% of values less than 2.94007	90% of values less than 3.35384
Minimum 1.98155s than 3.67316	Maximum 4.82387	
Mean 2.68806	SD 0.488094	Variance 0.238235

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 203.898	10% of values less than 212.773	25% of values less than 232.068
50% of values less than 256.612	75% of values less than 300.726	90% of values less than 384.802
Minimum 171.692s than 445.238	Maximum 649.143	
Mean 279.572	SD 75.1814	Variance 5652.25

EC16-EC21 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.12255	10% of values less than 2.17907	25% of values less than 2.35086
50% of values less than 2.54739	75% of values less than 2.94007	90% of values less than 3.35384
Minimum 1.98155s than 3.67316	Maximum 4.82387	
Mean 2.68806	SD 0.488094	Variance 0.238235

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 647.275	10% of values less than 674.804	25% of values less than 737.078
50% of values less than 814.857	75% of values less than 955.309	90% of values less than 1224.33
Minimum 544.715s than 1416.64	Maximum 2067.04	
Mean 888.717	SD 239.721	Variance 57466.1

EC10-EC12 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.12255	10% of values less than 2.17907	25% of values less than 2.35086
50% of values less than 2.54739	75% of values less than 2.94007	90% of values less than 3.35384
Minimum 1.98155s than 3.67316	Maximum 4.82387	
Mean 2.68806	SD 0.488094	Variance 0.238235

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 103.13	10% of values less than 107.517	25% of values less than 117.26
50% of values less than 129.645	75% of values less than 151.75	90% of values less than 193.999
Minimum 86.9135s than 224.465	Maximum 326.894	
Mean 141.13	SD 37.7866	Variance 1427.83

1,2-Dichloroethene (1,2-DCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 2.53232E-011	10% of values less than 2.06123E-010	25% of values less than 2.72636E-009
50% of values less than 4.36507E-008	75% of values less than 3.78842E-007	90% of values less than 1.06253E-006
Minimum 1.02862E-014 2.1132E-006	Maximum 7.56371E-006	
Mean 4.20229E-007	SD 9.45721E-007	Variance 8.94389E-013

Lead

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 2.24429E-014	10% of values less than 2.4752E-014	25% of values less than 2.9512E-014
50% of values less than 3.61817E-014	75% of values less than 4.40698E-014	90% of values less than 4.81696E-014
Minimum 1.12505E-015 4.94039E-014	Maximum 5.06549E-014	
Mean 3.63693E-014	SD 9.14644E-015	Variance 8.36574E-029

Naphthalene

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 2.84466E-029	10% of values less than 8.30375E-027	25% of values less than 2.76655E-022
50% of values less than 2.1837E-018	75% of values less than 2.06525E-015	90% of values less than 5.51703E-014
Minimum 0.es less than 2.68555E-013	Maximum 7.70979E-011	
Mean 1.74643E-013	SD 2.52793E-012	Variance 6.39042E-024

Trichloroethene (TCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 1.80134E-010	10% of values less than 5.83603E-009	25% of values less than 5.38323E-007
50% of values less than 1.27601E-005	75% of values less than 6.29005E-005	90% of values less than 0.000181935
Minimum 3.67607E-018 0.000265339	Maximum 0.000842034	
Mean 5.7227E-005	SD 0.000106081	Variance 1.12532E-008

Vinyl Chloride

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 6.16403E-013	10% of values less than 2.49486E-012	25% of values less than 3.22317E-011
50% of values less than 5.67239E-010	75% of values less than 7.00627E-009	90% of values less than 4.29745E-008
Minimum 1.03202E-015 1.00036E-007	Maximum 6.48798E-007	
Mean 1.93619E-008	SD 6.52835E-008	Variance 4.26193E-015

EC12-EC16 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 9.9205E-007	10% of values less than 4.55824E-006	25% of values less than 3.04461E-005
50% of values less than 0.000161743	75% of values less than 0.00057653	90% of values less than 0.00117106
Minimum 1.8128E-009n 0.00172346	Maximum 0.0054167	
Mean 0.000417164	SD 0.000611572	Variance 3.7402E-007

EC16-EC21 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 2.19877E-015	10% of values less than 1.36419E-013	25% of values less than 2.8572E-011
50% of values less than 1.52841E-009	75% of values less than 2.87216E-008	90% of values less than 2.05859E-007
Minimum 1.56404E-023 4.55638E-007	Maximum 1.17795E-005	
Mean 1.12699E-007	SD 5.90995E-007	Variance 3.49276E-013

EC10-EC12 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 5.36007E-027	10% of values less than 9.16735E-024	25% of values less than 5.09195E-020
50% of values less than 1.22418E-016	75% of values less than 1.07934E-013	90% of values less than 4.46195E-012
Minimum 0.es less than 1.77859E-011	Maximum 3.5575E-009	
Mean 9.36834E-012	SD 1.22509E-010	Variance 1.50084E-020

Aquifer Flow [m³/yr]

VC Main Factory Building

05% of values less than 9625.67	10% of values less than 11086.8	25% of values less than 14579.4
50% of values less than 17138	75% of values less than 18231.5	90% of values less than 18640.2
Minimum 7697.06s than 18756.6	Maximum 18914.2	
Mean 15952	SD 2897.06	Variance 8.39295E+006

Boiler House

05% of values less than 16420.6	10% of values less than 18913.3	25% of values less than 24871.3
50% of values less than 29236.2	75% of values less than 31101.6	90% of values less than 31798.6
Minimum 13130.6s than 31997.3	Maximum 32266.1	
Mean 27212.9	SD 4942.16	Variance 2.44249E+007

ETP

05% of values less than 8511.84	10% of values less than 9803.93	25% of values less than 12892.4
50% of values less than 15154.9	75% of values less than 16121.9	90% of values less than 16483.2
Minimum 6806.4ss than 16586.2	Maximum 16725.5	
Mean 14106.1	SD 2561.83	Variance 6.56296E+006

Tank Farm

05% of values less than 7960.15	10% of values less than 9168.49	25% of values less than 12056.7
50% of values less than 14172.7	75% of values less than 15077	90% of values less than 15414.9
Minimum 6365.25s than 15511.2	Maximum 15641.5	
Mean 13191.9	SD 2395.78	Variance 5.73978E+006

Tank Farm Lagoon CHCs

05% of values less than 7577.86	10% of values less than 8728.17	25% of values less than 11477.7
50% of values less than 13492	75% of values less than 14352.9	90% of values less than 14674.6
Minimum 6059.56s than 14766.3	Maximum 14890.3	
Mean 12558.3	SD 2280.73	Variance 5.20171E+006

Aquifer Flow [m³/yr]

TCE - waste/oil

05% of values less than 3488.69	10% of values less than 4018.26	25% of values less than 5284.1
50% of values less than 6211.44	75% of values less than 6607.76	90% of values less than 6755.86
Minimum 2789.69s than 6798.07	Maximum 6855.17	
Mean 5781.59	SD 1050	Variance 1.1025E+006

Lead Boiler House

05% of values less than 6680.44	10% of values less than 7694.53	25% of values less than 10118.5
50% of values less than 11894.2	75% of values less than 12653.1	90% of values less than 12936.7
Minimum 5341.95s than 13017.5	Maximum 13126.9	
Mean 11071.1	SD 2010.63	Variance 4.04263E+006

Lead MFB core and store

05% of values less than 14784.5	10% of values less than 17028.8	25% of values less than 22393.2
50% of values less than 26323.1	75% of values less than 28002.7	90% of values less than 28630.3
Minimum 11822.3s than 28809.2	Maximum 29051.2	
Mean 24501.5	SD 4449.73	Variance 1.98001E+007

Appendix G.4

SENSITIVITY MODEL B1 - INPUTS AND RESULTS



Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Project Details

Title: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Prepared By: WSP

Date: 2024-04-09 14:50:14

Client Name: Ford Motor Company

Comments:

Soil source model with UCL95 source concentrations. Hazardous substances - Level 2 model. Level 3 model for non-hazardous substances

Consim version 2.05

Simulation Level

Level 3

Simulation Parameters

Iterations 1001

Timeslices:1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000

Water Quality Standard

User Defined

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

Boiler House Aromatics

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] SINGLE(0.001)

Infiltration

Infiltration [mm/year] UNIFORM(270,330)

Source Inventory:

Naphthalene

Measured as Total Concentration in Soil

Organic

koc [ml/g] SINGLE(2500)

Henry's Law Constant SINGLE(0.049)

Concentration [mg/kg] SINGLE(7.108)

Calculate kd

Maximum Solubility [mg/l] SINGLE(32.9)

EC10-EC12 Aromatics

Measured as Total Concentration in Soil

Organic

koc [ml/g] SINGLE(2500)

Henry's Law Constant SINGLE(0.49)

Concentration [mg/kg] SINGLE(60.704)

Calculate kd

Maximum Solubility [mg/l] SINGLE(25)

EC12-EC16 Aromatics

Measured as Total Concentration in Soil

Organic

koc [ml/g] SINGLE(5000)

Henry's Law Constant SINGLE(0.054)

Concentration [mg/kg] SINGLE(280.918)

Calculate kd

Maximum Solubility [mg/l] SINGLE(5.8)

EC16-EC21 Aromatics

Measured as Total Concentration in Soil

Organic

koc [ml/g] SINGLE(16000)

Henry's Law Constant SINGLE(0.013)

Concentration [mg/kg] SINGLE(1101.42)

Calculate kd

Maximum Solubility [mg/l] SINGLE(0.65)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

Active

Porous Medium

Thickness [m] UNIFORM(0.001,1.5)

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Vertical Dispersivity [m] UNIFORM(0.0001,0.15)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Water Filled Porosity [fraction] UNIFORM(0.159,0.239)

Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

Naphthalene

koc [ml/g] SINGLE(2500)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(1.096,3.29)

EC10-EC12 Aromatics

koc [ml/g] SINGLE(2500)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(1.096,3.29)

EC12-EC16 Aromatics

koc [ml/g] SINGLE(5000)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(17.6,34)

EC16-EC21 Aromatics

koc [ml/g] SINGLE(16000)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(17.6,34)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

ETP Aromatics

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] SINGLE(0.001)

Infiltration

Infiltration [mm/year] UNIFORM(90,110)

Source Inventory:

EC10-EC12 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(14.9)

Organic

koc [ml/g] SINGLE(2500)

Calculate kd

Henry's Law Constant SINGLE(0.49)

Maximum Solubility [mg/l] SINGLE(25)

EC12-EC16 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(105)

Organic

koc [ml/g] SINGLE(5000)

Calculate kd

Henry's Law Constant SINGLE(0.054)

Maximum Solubility [mg/l] SINGLE(5.8)

EC16-EC21 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(372)

Organic

koc [ml/g] SINGLE(16000)

Calculate kd

Henry's Law Constant SINGLE(0.013)

Maximum Solubility [mg/l] SINGLE(0.65)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

- Active
- Porous Medium
- Thickness [m] UNIFORM(0.001,1.5)
- Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)
- Vertical Dispersivity [m] UNIFORM(0.0001,0.15)
- Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)
- Water Filled Porosity [fraction] UNIFORM(0.159,0.239)
- Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

EC10-EC12 Aromatics

- koc [ml/g] SINGLE(2500) Calculate kd
- Simulate Degradation in Dissolved and sorbed phases
- Halflife [years] UNIFORM(1.096,3.29)

EC12-EC16 Aromatics

- koc [ml/g] SINGLE(5000) Calculate kd
- Simulate Degradation in Dissolved and sorbed phases
- Halflife [years] UNIFORM(17.6,34)

EC16-EC21 Aromatics

- koc [ml/g] SINGLE(16000) Calculate kd
- Simulate Degradation in Dissolved and sorbed phases
- Halflife [years] UNIFORM(17.6,34)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

Tank Farm Aromatics

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] SINGLE(0.001)

Infiltration

Infiltration [mm/year] UNIFORM(90,110)

Source Inventory:

EC10-EC12 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(11.362)

Organic

koc [ml/g] SINGLE(2500)

Calculate kd

Henry's Law Constant SINGLE(0.49)

Maximum Solubility [mg/l] SINGLE(25)

EC12-EC16 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(45.568)

Organic

koc [ml/g] SINGLE(5000)

Calculate kd

Henry's Law Constant SINGLE(0.054)

Maximum Solubility [mg/l] SINGLE(5.8)

EC16-EC21 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(97.354)

Organic

koc [ml/g] SINGLE(16000)

Calculate kd

Henry's Law Constant SINGLE(0.013)

Maximum Solubility [mg/l] SINGLE(0.65)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

- Active
- Porous Medium
- Thickness [m] UNIFORM(0.001,1.5)
- Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)
- Vertical Dispersivity [m] UNIFORM(0.0001,0.15)
- Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)
- Water Filled Porosity [fraction] UNIFORM(0.159,0.239)
- Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

EC10-EC12 Aromatics

- koc [ml/g] SINGLE(2500) Calculate kd
- Simulate Degradation in Dissolved and sorbed phases
- Halflife [years] UNIFORM(1.096,3.29)

EC12-EC16 Aromatics

- koc [ml/g] SINGLE(5000) Calculate kd
- Simulate Degradation in Dissolved and sorbed phases
- Halflife [years] UNIFORM(17.6,34)

EC16-EC21 Aromatics

- koc [ml/g] SINGLE(16000) Calculate kd
- Simulate Degradation in Dissolved and sorbed phases
- Halflife [years] UNIFORM(17.6,34)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

DCE Tank Farm Lagoon

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] UNIFORM(0.001,2)

Infiltration

Infiltration [mm/year] UNIFORM(90,110)

Source Inventory:

1,2-Dichloroethene (1,2-DCE)

Measured as Total Concentration in Soil

Organic

koc [ml/g] SINGLE(40)

Henry's Law Constant SINGLE(0.0419)

Concentration [mg/kg] SINGLE(0.9768)

Calculate kd

Maximum Solubility [mg/l] SINGLE(500)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

Active

Porous Medium

Thickness [m] UNIFORM(0.001,1.5)

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Vertical Dispersivity [m] UNIFORM(0.0001,0.15)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Water Filled Porosity [fraction] UNIFORM(0.159,0.239)

Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

1,2-Dichloroethene (1,2-DCE)

koc [ml/g] SINGLE(40)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Half-life [years] SINGLE(1e+009)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

TCE Tank Farm Lagoon

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] UNIFORM(0.001,2)

Infiltration

Infiltration [mm/year] UNIFORM(90,110)

Source Inventory:

<i>Trichloroethene (TCE)</i>	
Measured as Total Concentration in Soil	Concentration [mg/kg] SINGLE(69.948)
Organic	
koc [ml/g] UNIFORM(18,152)	Calculate kd
Henry's Law Constant SINGLE(0.417)	Maximum Solubility [mg/l] SINGLE(1100)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

Active

Porous Medium

Thickness [m] UNIFORM(0.001,1.5)

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Vertical Dispersivity [m] UNIFORM(0.0001,0.15)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Water Filled Porosity [fraction] UNIFORM(0.159,0.239)

Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

Trichloroethene (TCE)

koc [ml/g] UNIFORM(18,152)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(0.27,2.74)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

TCE Waste Chip Plant

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] UNIFORM(0.001,2)

Infiltration

Infiltration [mm/year] UNIFORM(90,110)

Source Inventory:

Trichloroethene (TCE)

Measured as Total Concentration in Soil

Organic

koc [ml/g] UNIFORM(18,152)

Henry's Law Constant SINGLE(0.417)

Concentration [mg/kg] SINGLE(4.976)

Calculate kd

Maximum Solubility [mg/l] SINGLE(1100)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

Active

Porous Medium

Thickness [m] UNIFORM(0.001,1.5)

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Vertical Dispersivity [m] UNIFORM(0.0001,0.15)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Water Filled Porosity [fraction] UNIFORM(0.159,0.239)

Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

Trichloroethene (TCE)

koc [ml/g] UNIFORM(18,152)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(0.27,2.74)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Aquifer Pathway

Thickness [m] UNIFORM(5,9)

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Mixing Zone Thickness [m] SINGLE(5)

Hydraulic Conductivity [m/s] UNIFORM(8e-005,0.0005)

Effective Porosity [fraction] UNIFORM(0.159,0.239)

Hydraulic Gradient UNIFORM(0.002,0.007)

Groundwater Flow Direction (degrees), 337.00

Longitudinal Dispersivity [m] SINGLE(46)

Lateral Dispersivity [m] SINGLE(13.8)

Contaminant Inventory

1,2-Dichloroethene (1,2-DCE)

koc [ml/g] SINGLE(40)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Half-life [years] UNIFORM(0.22,0.47)

Naphthalene

koc [ml/g] SINGLE(2500)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Half-life [years] UNIFORM(1.096,3.29)

Trichloroethene (TCE)

koc [ml/g] UNIFORM(18,152)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Half-life [years] UNIFORM(0.27,2.74)

EC10-EC12 Aromatics

koc [ml/g] SINGLE(2500)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Half-life [years] UNIFORM(1.096,3.29)

EC12-EC16 Aromatics

koc [ml/g] SINGLE(5000)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Half-life [years] UNIFORM(17.6,34)

EC16-EC21 Aromatics

koc [ml/g] SINGLE(16000)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Half-life [years] UNIFORM(17.6,34)

Receptor

Boiler House Aromatics Receptor	X 293472.640286	Y 178424.050637
ETP Aromatics Receptor	X 293553.750982	Y 178327.201215
Tank Farm Aromatics Receptor	X 293444.036173	Y 178223.136600
DCE Tank Farm Lagoon Receptor	X 293463.491689	Y 178227.205234
TCE Tank Farm Lagoon Receptor	X 293412.593288	Y 178205.892135
TCE Waste Chip Plant Receptor	X 293213.024892	Y 178130.027975
Naphthalene Receptor	X 293305.967350	Y 178838.047340
DCE Receptor	X 293185.413142	Y 178786.270629

Input Correlations

porosity to K	1
K to i	-1

Boiler House Aromatics - Naphthalene

Concentration at Source [mg/l] - 1000 years

05% of values less than 1.0819	10% of values less than 1.09247	25% of values less than 1.12773
50% of values less than 1.18779	75% of values less than 1.25437	90% of values less than 1.29315
Minimum 1.07246s than 1.30795	Maximum 1.32411	
Mean 1.19156	SD 0.0728924	Variance 0.00531331

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 9.17652	10% of values less than 9.26726	25% of values less than 9.5669
50% of values less than 10.0704	75% of values less than 10.6379	90% of values less than 10.9595
Minimum 9.09145s than 11.0818	Maximum 11.252	
Mean 10.1031	SD 0.614529	Variance 0.377646

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 5.8	10% of values less than 5.8	25% of values less than 5.8
50% of values less than 5.8	75% of values less than 5.8	90% of values less than 5.8
Minimum 5.8s less than 5.8	Maximum 5.8	
Mean 5.8	SD 1.27964E-006	Variance -1.63749E-012

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 0.65	10% of values less than 0.65	25% of values less than 0.65
50% of values less than 0.65	75% of values less than 0.65	90% of values less than 0.65
Minimum 0.65 less than 0.65	Maximum 0.65	
Mean 0.65	SD 1.58678E-007	Variance 2.51787E-014

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000577478	Maximum 0.000577478	
Mean 1.87074E-006	SD 2.68152E-005	Variance 7.19055E-010

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0324324	Maximum 0.0324324	
Mean 9.85386E-005	SD 0.00144688	Variance 2.09345E-006

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000577478	Maximum 0.000577478	
Mean 1.87074E-006	SD 2.68152E-005	Variance 7.19055E-010

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0324324	Maximum 0.0324324	
Mean 9.85386E-005	SD 0.00144688	Variance 2.09345E-006

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.000577478	
Mean 1.87074E-006	SD 2.68152E-005	Variance 7.19055E-010

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.0642873	
Mean 0.000195206	SD 0.00286704	Variance 8.21994E-006

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000577478	Maximum 0.000577478	
Mean 1.87074E-006	SD 2.68152E-005	Variance 7.19055E-010

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000620545	Maximum 0.204449	
Mean 0.000620545	SD 0.00911578	Variance 8.30975E-005

Boiler House Aromatics - Naphthalene

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 1.07378	10% of values less than 1.08349	25% of values less than 1.11963
50% of values less than 1.17844	75% of values less than 1.24498	90% of values less than 1.28329
Minimum 1.05685s than 1.29678	Maximum 1.31644	
Mean 1.18215	SD 0.0724313	Variance 0.00524629

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 9.10947	10% of values less than 9.18584	25% of values less than 9.49684
50% of values less than 9.99332	75% of values less than 10.5547	90% of values less than 10.8783
Minimum 8.97703s than 10.9898	Maximum 11.1471	
Mean 10.0248	SD 0.610212	Variance 0.372359

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 5.78673	10% of values less than 5.7874	25% of values less than 5.78905
50% of values less than 5.79066	75% of values less than 5.79188	90% of values less than 5.79262
Minimum 5.78432s than 5.79297	Maximum 5.7941	
Mean 5.79033	SD 0.00198306	Variance 3.93254E-006

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 0.645817	10% of values less than 0.646198	25% of values less than 0.646646
50% of values less than 0.647129	75% of values less than 0.647473	90% of values less than 0.647767
Minimum 0.6444ss than 0.647885	Maximum 0.648311	
Mean 0.647023	SD 0.000649826	Variance 4.22274E-007

Boiler House Aromatics - Naphthalene

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.106565	10% of values less than 0.109899	25% of values less than 0.117311
50% of values less than 0.12893	75% of values less than 0.147136	90% of values less than 0.171279
Minimum 0.09664971an 0.192467	Maximum 0.261892	
Mean 0.136221	SD 0.0273351	Variance 0.00074721

Boiler House Aromatics - EC10-EC12 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.901574	10% of values less than 0.9331	25% of values less than 0.994733
50% of values less than 1.09467	75% of values less than 1.24867	90% of values less than 1.4502
Minimum 0.817078	Maximum 2.22773	
Mean 1.15519	SD 0.231772	Variance 0.0537184

Boiler House Aromatics - EC12-EC16 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.53441	10% of values less than 0.54855	25% of values less than 0.579423
50% of values less than 0.624822	75% of values less than 0.717134	90% of values less than 0.835049
Minimum 0.511247 than 0.961164	Maximum 1.23736	
Mean 0.667531	SD 0.129615	Variance 0.0168002

Boiler House Aromatics - EC16-EC21 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0597054	10% of values less than 0.0612573	25% of values less than 0.0647446
50% of values less than 0.0698238	75% of values less than 0.0801596	90% of values less than 0.0933039
Minimum 0.05714321an 0.1075	Maximum 0.138433	
Mean 0.0745917	SD 0.0144874	Variance 0.000209884

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0897772	90% of values less than 0.154304
Minimum 0.170551	Maximum 0.256273	
Mean 0.0472858	SD 0.0633982	Variance 0.00401933

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 4.60702	90% of values less than 7.73462
Minimum 9.02247	Maximum 16.0709	
Mean 2.4677	SD 3.37227	Variance 11.3722

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0897772	90% of values less than 0.154304
Minimum 0.170551	Maximum 0.256273	
Mean 0.0472858	SD 0.0633982	Variance 0.00401933

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 4.60702	90% of values less than 7.73462
Minimum 9.02247	Maximum 16.0709	
Mean 2.4677	SD 3.37227	Variance 11.3722

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0897772	90% of values less than 0.154304
Minimum 0.170551	Maximum 0.256273	
Mean 0.0472858	SD 0.0633982	Variance 0.00401933

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 9.14317	90% of values less than 15.3247
Minimum 0.178907	Maximum 31.8856	
Mean 4.88811	SD 6.68231	Variance 44.6533

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0897772	90% of values less than 0.154304
Minimum 0.170551	Maximum 0.256273	
Mean 0.0472858	SD 0.0633982	Variance 0.00401933

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 29.1029	90% of values less than 48.7253
Minimum 56.9109	Maximum 101.47	
Mean 15.5379	SD 21.2465	Variance 451.415

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - Naphthalene

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00150096	10% of values less than 0.00219835	25% of values less than 0.00424956
50% of values less than 0.00983162	75% of values less than 0.0256647	90% of values less than 0.054396
Minimum 2.6322E-005n 0.0759327	Maximum 0.131096	
Mean 0.0198646	SD 0.0238398	Variance 0.000568337

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0128409	10% of values less than 0.0183419	25% of values less than 0.0364525
50% of values less than 0.0823828	75% of values less than 0.221706	90% of values less than 0.46619
Minimum 0.0002604931 0.655501	Maximum 1.10915	
Mean 0.170607	SD 0.203001	Variance 0.0412094

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0304589	10% of values less than 0.043122	25% of values less than 0.0871525
50% of values less than 0.191181	75% of values less than 0.314614	90% of values less than 0.454845
Minimum 0.0001861791	Maximum 0.777632	
Mean 0.219081	SD 0.157777	Variance 0.0248935

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00181875	10% of values less than 0.00254977	25% of values less than 0.00468917
50% of values less than 0.0101822	75% of values less than 0.021336	90% of values less than 0.0376288
Minimum 1.85753E-005 0.049283	Maximum 0.0706237	
Mean 0.0155747	SD 0.0146495	Variance 0.000214608

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 4.09688E+007	10% of values less than 4.27447E+007	25% of values less than 4.65346E+007
50% of values less than 5.15569E+007	75% of values less than 5.69076E+007	90% of values less than 6.26326E+007
Minimum 3.62629E+0076.55401E+007	Maximum 7.68574E+007	
Mean 5.21257E+007	SD 7.5444E+006	Variance 5.69179E+013

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 4.09688E+007	10% of values less than 4.27447E+007	25% of values less than 4.65346E+007
50% of values less than 5.15569E+007	75% of values less than 5.69076E+007	90% of values less than 6.26326E+007
Minimum 3.62629E+0076.55401E+007	Maximum 7.68574E+007	
Mean 5.21257E+007	SD 7.5444E+006	Variance 5.69179E+013

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 8.09375E+007	10% of values less than 8.44894E+007	25% of values less than 9.20693E+007
50% of values less than 1.02114E+008	75% of values less than 1.12815E+008	90% of values less than 1.24265E+008
Minimum 7.15257E+0071.3008E+008	Maximum 1.52715E+008	
Mean 1.03251E+008	SD 1.50888E+007	Variance 2.27672E+014

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 2.568E+008	10% of values less than 2.68166E+008	25% of values less than 2.92422E+008
50% of values less than 3.24564E+008	75% of values less than 3.58809E+008	90% of values less than 3.95449E+008
Minimum 2.26682E+0084.14056E+008	Maximum 4.86487E+008	
Mean 3.28204E+008	SD 4.82841E+007	Variance 2.33136E+015

Boiler House Aromatics - Naphthalene

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 4.09688E+007	10% of values less than 4.27447E+007	25% of values less than 4.65346E+007
50% of values less than 5.15569E+007	75% of values less than 5.69076E+007	90% of values less than 6.26326E+007
Minimum 3.62629E+0076.55401E+007	Maximum 7.68574E+007	
Mean 5.21257E+007	SD 7.5444E+006	Variance 5.69179E+013

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 4.09688E+007	10% of values less than 4.27447E+007	25% of values less than 4.65346E+007
50% of values less than 5.15569E+007	75% of values less than 5.69076E+007	90% of values less than 6.26326E+007
Minimum 3.62629E+0076.55401E+007	Maximum 7.68574E+007	
Mean 5.21257E+007	SD 7.5444E+006	Variance 5.69179E+013

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 8.09375E+007	10% of values less than 8.44894E+007	25% of values less than 9.20693E+007
50% of values less than 1.02114E+008	75% of values less than 1.12815E+008	90% of values less than 1.24265E+008
Minimum 7.15257E+0071.3008E+008	Maximum 1.52715E+008	
Mean 1.03251E+008	SD 1.50888E+007	Variance 2.27672E+014

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 2.568E+008	10% of values less than 2.68166E+008	25% of values less than 2.92422E+008
50% of values less than 3.24564E+008	75% of values less than 3.58809E+008	90% of values less than 3.95449E+008
Minimum 2.26682E+0084.14056E+008	Maximum 4.86487E+008	
Mean 3.28204E+008	SD 4.82841E+007	Variance 2.33136E+015

Boiler House Aromatics - Naphthalene

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 4.09688E+007	10% of values less than 4.27447E+007	25% of values less than 4.65346E+007
50% of values less than 5.15569E+007	75% of values less than 5.69076E+007	90% of values less than 6.26326E+007
Minimum 3.62629E+0076.55401E+007	Maximum 7.68574E+007	
Mean 5.21257E+007	SD 7.5444E+006	Variance 5.69179E+013

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 4.09688E+007	10% of values less than 4.27447E+007	25% of values less than 4.65346E+007
50% of values less than 5.15569E+007	75% of values less than 5.69076E+007	90% of values less than 6.26326E+007
Minimum 3.62629E+0076.55401E+007	Maximum 7.68574E+007	
Mean 5.21257E+007	SD 7.5444E+006	Variance 5.69179E+013

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 8.09375E+007	10% of values less than 8.44894E+007	25% of values less than 9.20693E+007
50% of values less than 1.02114E+008	75% of values less than 1.12815E+008	90% of values less than 1.24265E+008
Minimum 7.15257E+0071.3008E+008	Maximum 1.52715E+008	
Mean 1.03251E+008	SD 1.50888E+007	Variance 2.27672E+014

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 2.568E+008	10% of values less than 2.68166E+008	25% of values less than 2.92422E+008
50% of values less than 3.24564E+008	75% of values less than 3.58809E+008	90% of values less than 3.95449E+008
Minimum 2.26682E+0084.14056E+008	Maximum 4.86487E+008	
Mean 3.28204E+008	SD 4.82841E+007	Variance 2.33136E+015

Boiler House Aromatics - Naphthalene

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 4.09688E+007	10% of values less than 4.27447E+007	25% of values less than 4.65346E+007
50% of values less than 5.15569E+007	75% of values less than 5.69076E+007	90% of values less than 6.26326E+007
Minimum 3.62629E+0076.55401E+007	Maximum 7.68574E+007	
Mean 5.21257E+007	SD 7.5444E+006	Variance 5.69179E+013

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 4.09688E+007	10% of values less than 4.27447E+007	25% of values less than 4.65346E+007
50% of values less than 5.15569E+007	75% of values less than 5.69076E+007	90% of values less than 6.26326E+007
Minimum 3.62629E+0076.55401E+007	Maximum 7.68574E+007	
Mean 5.21257E+007	SD 7.5444E+006	Variance 5.69179E+013

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 8.09375E+007	10% of values less than 8.44894E+007	25% of values less than 9.20693E+007
50% of values less than 1.02114E+008	75% of values less than 1.12815E+008	90% of values less than 1.24265E+008
Minimum 7.15257E+0071.3008E+008	Maximum 1.52715E+008	
Mean 1.03251E+008	SD 1.50888E+007	Variance 2.27672E+014

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 2.568E+008	10% of values less than 2.68166E+008	25% of values less than 2.92422E+008
50% of values less than 3.24564E+008	75% of values less than 3.58809E+008	90% of values less than 3.95449E+008
Minimum 2.26682E+0084.14056E+008	Maximum 4.86487E+008	
Mean 3.28204E+008	SD 4.82841E+007	Variance 2.33136E+015

Boiler House Aromatics - Naphthalene

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 4.09688E+007	10% of values less than 4.27447E+007	25% of values less than 4.65346E+007
50% of values less than 5.15569E+007	75% of values less than 5.69076E+007	90% of values less than 6.26326E+007
Minimum 3.62629E+0076.55401E+007	Maximum 7.68574E+007	
Mean 5.21257E+007	SD 7.5444E+006	Variance 5.69179E+013

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 4.09688E+007	10% of values less than 4.27447E+007	25% of values less than 4.65346E+007
50% of values less than 5.15569E+007	75% of values less than 5.69076E+007	90% of values less than 6.26326E+007
Minimum 3.62629E+0076.55401E+007	Maximum 7.68574E+007	
Mean 5.21257E+007	SD 7.5444E+006	Variance 5.69179E+013

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 8.09375E+007	10% of values less than 8.44894E+007	25% of values less than 9.20693E+007
50% of values less than 1.02114E+008	75% of values less than 1.12815E+008	90% of values less than 1.24265E+008
Minimum 7.15257E+0071.3008E+008	Maximum 1.52715E+008	
Mean 1.03251E+008	SD 1.50888E+007	Variance 2.27672E+014

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 2.568E+008	10% of values less than 2.68166E+008	25% of values less than 2.92422E+008
50% of values less than 3.24564E+008	75% of values less than 3.58809E+008	90% of values less than 3.95449E+008
Minimum 2.26682E+0084.14056E+008	Maximum 4.86487E+008	
Mean 3.28204E+008	SD 4.82841E+007	Variance 2.33136E+015

Boiler House Aromatics - Naphthalene

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.89097	10% of values less than 1.93606	25% of values less than 2.04884
50% of values less than 2.20793	75% of values less than 2.4852	90% of values less than 2.83618
Minimum 1.78451s than 2.99303	Maximum 3.57227	
Mean 2.30415	SD 0.347097	Variance 0.120476

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 90.6049	10% of values less than 93.8999	25% of values less than 101.645
50% of values less than 114.114	75% of values less than 129.961	90% of values less than 155.683
Minimum 80.7318s than 177.723	Maximum 252.223	
Mean 120.284	SD 27.5747	Variance 760.364

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.89097	10% of values less than 1.93606	25% of values less than 2.04884
50% of values less than 2.20793	75% of values less than 2.4852	90% of values less than 2.83618
Minimum 1.78451s than 2.99303	Maximum 3.57227	
Mean 2.30415	SD 0.347097	Variance 0.120476

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 90.6049	10% of values less than 93.8999	25% of values less than 101.645
50% of values less than 114.114	75% of values less than 129.961	90% of values less than 155.683
Minimum 80.7318s than 177.723	Maximum 252.223	
Mean 120.284	SD 27.5747	Variance 760.364

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.89097	10% of values less than 1.93606	25% of values less than 2.04884
50% of values less than 2.20793	75% of values less than 2.4852	90% of values less than 2.83618
Minimum 1.78451s than 2.99303	Maximum 3.57227	
Mean 2.30415	SD 0.347097	Variance 0.120476

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 179.004	10% of values less than 185.697	25% of values less than 201.077
50% of values less than 226.01	75% of values less than 257.369	90% of values less than 308.837
Minimum 159.386s than 352.807	Maximum 501.165	
Mean 238.265	SD 54.9014	Variance 3014.16

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.89097	10% of values less than 1.93606	25% of values less than 2.04884
50% of values less than 2.20793	75% of values less than 2.4852	90% of values less than 2.83618
Minimum 1.78451s than 2.99303	Maximum 3.57227	
Mean 2.30415	SD 0.347097	Variance 0.120476

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 568.242	10% of values less than 590.212	25% of values less than 638.781
50% of values less than 718.076	75% of values less than 817.96	90% of values less than 982.665
Minimum 505.463s than 1123.18	Maximum 1596.51	
Mean 757.377	SD 175.141	Variance 30674.3

Boiler House Aromatics - Naphthalene

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 8.64795E-013	10% of values less than 4.34692E-012	25% of values less than 1.04499E-010
50% of values less than 2.71848E-009	75% of values less than 2.98767E-008	90% of values less than 1.60364E-007
Minimum 3.46708E-017 3.2339E-007	Maximum 1.3208E-006	
Mean 5.73475E-008	SD 1.54746E-007	Variance 2.39462E-014

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 8.25417E-012	10% of values less than 5.31686E-011	25% of values less than 9.48968E-010
50% of values less than 2.77984E-008	75% of values less than 3.04034E-007	90% of values less than 1.26071E-006
Minimum 1.0716E-016n 2.14697E-006	Maximum 1.63875E-005	
Mean 4.72906E-007	SD 1.34202E-006	Variance 1.80103E-012

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0.000267714	10% of values less than 0.000437907	25% of values less than 0.000833888
50% of values less than 0.00166203	75% of values less than 0.00316288	90% of values less than 0.0049764
Minimum 3.23724E-005 0.00595878	Maximum 0.0115805	
Mean 0.00224863	SD 0.00188638	Variance 3.55843E-006

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 5.06485E-009	25% of values less than 9.06302E-008
50% of values less than 4.73515E-007	75% of values less than 1.53402E-006	90% of values less than 3.74402E-006
Minimum 0.es less than 5.59428E-006	Maximum 1.81179E-005	
Mean 1.30613E-006	SD 2.19265E-006	Variance 4.8077E-012

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.88854	10% of values less than 1.93351	25% of values less than 2.04605
50% of values less than 2.20516	75% of values less than 2.48185	90% of values less than 2.83257
Minimum 1.7821ss than 2.98942	Maximum 3.56811	
Mean 2.30127	SD 0.346711	Variance 0.120209

Retarded Travel Time to DCE Receptor years

05% of values less than 90.4971	10% of values less than 93.7769	25% of values less than 101.517
50% of values less than 113.97	75% of values less than 129.788	90% of values less than 155.48
Minimum 80.6284s than 177.484	Maximum 251.887	
Mean 120.134	SD 27.542	Variance 758.561

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.88854	10% of values less than 1.93351	25% of values less than 2.04605
50% of values less than 2.20516	75% of values less than 2.48185	90% of values less than 2.83257
Minimum 1.7821ss than 2.98942	Maximum 3.56811	
Mean 2.30127	SD 0.346711	Variance 0.120209

Retarded Travel Time to DCE Receptor years

05% of values less than 90.4971	10% of values less than 93.7769	25% of values less than 101.517
50% of values less than 113.97	75% of values less than 129.788	90% of values less than 155.48
Minimum 80.6284s than 177.484	Maximum 251.887	
Mean 120.134	SD 27.542	Variance 758.561

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.88854	10% of values less than 1.93351	25% of values less than 2.04605
50% of values less than 2.20516	75% of values less than 2.48185	90% of values less than 2.83257
Minimum 1.7821ss than 2.98942	Maximum 3.56811	
Mean 2.30127	SD 0.346711	Variance 0.120209

Retarded Travel Time to DCE Receptor years

05% of values less than 178.791	10% of values less than 185.443	25% of values less than 200.842
50% of values less than 225.731	75% of values less than 257.025	90% of values less than 308.457
Minimum 159.182s than 352.332	Maximum 500.497	
Mean 237.967	SD 54.8362	Variance 3007.01

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.88854	10% of values less than 1.93351	25% of values less than 2.04605
50% of values less than 2.20516	75% of values less than 2.48185	90% of values less than 2.83257
Minimum 1.7821ss than 2.98942	Maximum 3.56811	
Mean 2.30127	SD 0.346711	Variance 0.120209

Retarded Travel Time to DCE Receptor years

05% of values less than 567.465	10% of values less than 589.406	25% of values less than 637.98
50% of values less than 717.168	75% of values less than 816.869	90% of values less than 981.433
Minimum 504.816s than 1121.67	Maximum 1594.38	
Mean 756.43	SD 174.933	Variance 30601.5

Boiler House Aromatics - Naphthalene

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 3.16599E-013	10% of values less than 1.47607E-012	25% of values less than 4.09392E-011
50% of values less than 9.92294E-010	75% of values less than 1.0844E-008	90% of values less than 5.61591E-008
Minimum 1.55329E-017 1.32145E-007	Maximum 4.88755E-007	
Mean 2.17966E-008	SD 6.04625E-008	Variance 3.65572E-015

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 3.48286E-012	10% of values less than 1.73548E-011	25% of values less than 3.88906E-010
50% of values less than 1.02286E-008	75% of values less than 1.22511E-007	90% of values less than 4.77279E-007
Minimum 3.99194E-017 9.47575E-007	Maximum 4.79701E-006	
Mean 1.7818E-007	SD 4.90501E-007	Variance 2.40592E-013

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 9.22021E-005	10% of values less than 0.000145874	25% of values less than 0.000299825
50% of values less than 0.000636156	75% of values less than 0.00123184	90% of values less than 0.00201034
Minimum 1.35304E-005 0.00259795	Maximum 0.00633149	
Mean 0.000881683	SD 0.00081998	Variance 6.72367E-007

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 2.3188E-009	25% of values less than 3.45765E-008
50% of values less than 1.74679E-007	75% of values less than 5.76778E-007	90% of values less than 1.38998E-006
Minimum 0.es less than 2.13797E-006	Maximum 7.50287E-006	
Mean 4.99534E-007	SD 8.60404E-007	Variance 7.40295E-013

ETP Aromatics - EC10-EC12 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 2.26115	10% of values less than 2.2835	25% of values less than 2.34982
50% of values less than 2.48167	75% of values less than 2.60608	90% of values less than 2.68389
Minimum 2.23154s than 2.71973	Maximum 2.76272	
Mean 2.48067	SD 0.147273	Variance 0.0216894

ETP Aromatics - EC12-EC16 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 5.8	10% of values less than 5.8	25% of values less than 5.8
50% of values less than 5.8	75% of values less than 5.8	90% of values less than 5.8
Minimum 5.8s less than 5.8	Maximum 5.8	
Mean 5.8	SD 1.27964E-006	Variance -1.63749E-012

ETP Aromatics - EC16-EC21 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 0.65	10% of values less than 0.65	25% of values less than 0.65
50% of values less than 0.65	75% of values less than 0.65	90% of values less than 0.65
Minimum 0.65 less than 0.65	Maximum 0.65	
Mean 0.65	SD 1.58678E-007	Variance 2.51787E-014

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000	Maximum 0.0015749	
Mean 7.81296E-006	SD 9.68631E-005	Variance 9.38245E-009

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000	Maximum 0.106163	
Mean 0.000413803	SD 0.00522136	Variance 2.72626E-005

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000	Maximum 0.0015749	
Mean 7.81296E-006	SD 9.68631E-005	Variance 9.38245E-009

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000	Maximum 0.210752	
Mean 0.000819793	SD 0.0103473	Variance 0.000107067

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000	Maximum 0.0015749	
Mean 7.81296E-006	SD 9.68631E-005	Variance 9.38245E-009

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000	Maximum 0.67094	
Mean 0.00260615	SD 0.0329015	Variance 0.00108251

ETP Aromatics - EC10-EC12 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 2.2196	10% of values less than 2.23929	25% of values less than 2.30723
50% of values less than 2.43748	75% of values less than 2.55723	90% of values less than 2.64154
Minimum 2.15772s than 2.67113	Maximum 2.72933	
Mean 2.43696	SD 0.14599	Variance 0.0213132

ETP Aromatics - EC12-EC16 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 5.76446	10% of values less than 5.76701	25% of values less than 5.77106
50% of values less than 5.77519	75% of values less than 5.77884	90% of values less than 5.78118
Minimum 5.75571s than 5.78213	Maximum 5.78502	
Mean 5.77454	SD 0.00546349	Variance 2.98497E-005

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ETP Aromatics - EC16-EC21 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 0.638743	10% of values less than 0.640013	25% of values less than 0.641907
50% of values less than 0.643309	75% of values less than 0.644383	90% of values less than 0.645052
Minimum 0.632182 than 0.645301	Maximum 0.646003	
Mean 0.642881	SD 0.00205687	Variance 4.2307E-006

ETP Aromatics - EC10-EC12 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0552056	10% of values less than 0.056945	25% of values less than 0.0616547
50% of values less than 0.0683967	75% of values less than 0.0804832	90% of values less than 0.0958456
Minimum 0.04908921an 0.11145	Maximum 0.155022	
Mean 0.0732967	SD 0.0169715	Variance 0.00028803

Project: Ford Bridgend CWRA Soil Source Assessment

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ETP Aromatics - EC12-EC16 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.135165	10% of values less than 0.138445	25% of values less than 0.147016
50% of values less than 0.160188	75% of values less than 0.189158	90% of values less than 0.223861
Minimum 0.129074 than 0.261656	Maximum 0.348503	
Mean 0.173759	SD 0.0395916	Variance 0.0015675

ETP Aromatics - EC16-EC21 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0150721	10% of values less than 0.0153971	25% of values less than 0.0163477
50% of values less than 0.0178256	75% of values less than 0.021039	90% of values less than 0.0249072
Minimum 0.0143701	Maximum 0.0388899	
Mean 0.0193452	SD 0.00441171	Variance 1.94632E-005

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.420525	10% of values less than 0.449502	25% of values less than 0.508631
50% of values less than 0.596469	75% of values less than 0.686363	90% of values less than 0.803776
Minimum 0.379406	Maximum 1.05084	
Mean 0.609527	SD 0.134956	Variance 0.0182132

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 20.5526	10% of values less than 22.0881	25% of values less than 25.4691
50% of values less than 30.3376	75% of values less than 35.7119	90% of values less than 43.2475
Minimum 17.0794	Maximum 77.2745	
Mean 31.8661	SD 9.18378	Variance 84.3418

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ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.420525	10% of values less than 0.449502	25% of values less than 0.508631
50% of values less than 0.596469	75% of values less than 0.686363	90% of values less than 0.803776
Minimum 0.379406	Maximum 1.05084	
Mean 0.609527	SD 0.134956	Variance 0.0182132

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 40.7207	10% of values less than 43.6905	25% of values less than 50.3864
50% of values less than 60.0557	75% of values less than 70.7044	90% of values less than 85.778
Minimum 33.7284	Maximum 153.512	
Mean 63.1226	SD 18.2565	Variance 333.298

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.420525	10% of values less than 0.449502	25% of values less than 0.508631
50% of values less than 0.596469	75% of values less than 0.686363	90% of values less than 0.803776
Minimum 0.379406	Maximum 1.05084	
Mean 0.609527	SD 0.134956	Variance 0.0182132

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 129.458	10% of values less than 138.915	25% of values less than 160.136
50% of values less than 190.617	75% of values less than 224.84	90% of values less than 272.912
Minimum 106.984	Maximum 488.959	
Mean 200.651	SD 58.1768	Variance 3384.55

ETP Aromatics - EC10-EC12 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 3.78356E-006	10% of values less than 7.36933E-006	25% of values less than 2.31417E-005
50% of values less than 6.81564E-005	75% of values less than 0.000160529	90% of values less than 0.000301068
Minimum 2.06991E-007 0.000385729	Maximum 0.000932597	
Mean 0.000116472	SD 0.000131255	Variance 1.72279E-008

ETP Aromatics - EC12-EC16 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.003328	10% of values less than 0.00399521	25% of values less than 0.00562737
50% of values less than 0.00753735	75% of values less than 0.00998922	90% of values less than 0.0126003
Minimum 0.00128496an 0.0141936	Maximum 0.0194886	
Mean 0.00799921	SD 0.0032816	Variance 1.07689E-005

ETP Aromatics - EC16-EC21 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 2.59214E-005	10% of values less than 3.38456E-005	25% of values less than 6.381E-005
50% of values less than 0.000112025	75% of values less than 0.000178451	90% of values less than 0.000282718
Minimum 2.2375E-006n 0.000340996	Maximum 0.000594518	
Mean 0.000136551	SD 9.89438E-005	Variance 9.78987E-009

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0215177	90% of values less than 0.0680795
Minimum 0.0830297	Maximum 0.124001	
Mean 0.0159529	SD 0.0289593	Variance 0.000838644

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.05379	90% of values less than 3.48916
Minimum 0.30098	Maximum 8.87289	
Mean 0.832813	SD 1.54293	Variance 2.38065

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0215177	90% of values less than 0.0680795
Minimum 0.es less than 0.0830297	Maximum 0.124001	
Mean 0.0159529	SD 0.0289593	Variance 0.000838644

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 2.08376	90% of values less than 6.899
Minimum 0.es less than 8.50638	Maximum 17.6218	
Mean 1.64967	SD 3.05742	Variance 9.34779

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0215177	90% of values less than 0.0680795
Minimum 0.es less than 0.0830297	Maximum 0.124001	
Mean 0.0159529	SD 0.0289593	Variance 0.000838644

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 6.61565	90% of values less than 21.9023
Minimum 0.es less than 27.0005	Maximum 56.1169	
Mean 5.24386	SD 9.72115	Variance 94.5008

ETP Aromatics - EC10-EC12 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0022467	10% of values less than 0.00309915	25% of values less than 0.0047297
50% of values less than 0.00811271	75% of values less than 0.0169773	90% of values less than 0.0309286
Minimum 0.0008628281 0.0404363	Maximum 0.0670791	
Mean 0.0128734	SD 0.0119513	Variance 0.000142834

ETP Aromatics - EC12-EC16 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0201138	10% of values less than 0.0241075	25% of values less than 0.0359833
50% of values less than 0.0520885	75% of values less than 0.0763248	90% of values less than 0.112164
Minimum 0.00784064an 0.128303	Maximum 0.223239	
Mean 0.0601652	SD 0.0337992	Variance 0.00114238

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

ETP Aromatics - EC16-EC21 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00127547	10% of values less than 0.00154098	25% of values less than 0.00213829
50% of values less than 0.00340568	75% of values less than 0.0059699	90% of values less than 0.00967031
Minimum 0.0007423051 0.0119875	Maximum 0.0186185	
Mean 0.00458969	SD 0.00338041	Variance 1.14272E-005

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 808192	SD 393920	Variance 1.55173E+011

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 4.19291E+007
50% of values less than 4.90997E+007	75% of values less than 5.55003E+007	90% of values less than 6.12432E+007
Minimum 0.es less than 6.46766E+007	Maximum 7.68574E+007	
Mean 4.21314E+007	SD 2.16069E+007	Variance 4.66857E+014

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 808192	SD 393920	Variance 1.55173E+011

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 8.28583E+007
50% of values less than 9.71994E+007	75% of values less than 1.10001E+008	90% of values less than 1.21486E+008
Minimum 0.es less than 1.28353E+008	Maximum 1.52715E+008	
Mean 8.34547E+007	SD 4.28395E+007	Variance 1.83523E+015

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 808192	SD 393920	Variance 1.55173E+011

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 2.62947E+008
50% of values less than 3.08838E+008	75% of values less than 3.49802E+008	90% of values less than 3.86556E+008
Minimum 0.es less than 4.0853E+008	Maximum 4.86487E+008	
Mean 2.65277E+008	SD 1.36264E+008	Variance 1.85679E+016

ETP Aromatics - EC10-EC12 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000E+00	Maximum 6.61049E-013	
Mean 8.06484E-016	SD 2.1023E-014	Variance 4.41966E-028

ETP Aromatics - EC12-EC16 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 2.15799E-012	
Mean 2.65976E-015	SD 6.872E-014	Variance 4.72244E-027

ETP Aromatics - EC16-EC21 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 2.11361E-013	
Mean 2.60117E-016	SD 6.72958E-015	Variance 4.52872E-029

Project: Ford Bridgend CWRA Soil Source Assessment

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ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 861139	SD 345974	Variance 1.19698E+011

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 4.35719E+007
50% of values less than 4.98494E+007	75% of values less than 5.58805E+007	90% of values less than 6.20874E+007
Minimum 0.es less than 6.51023E+007	Maximum 7.68574E+007	
Mean 4.49206E+007	SD 1.93485E+007	Variance 3.74363E+014

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 861139	SD 345974	Variance 1.19698E+011

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 8.61438E+007
50% of values less than 9.86988E+007	75% of values less than 1.10761E+008	90% of values less than 1.23175E+008
Minimum 0.es less than 1.29205E+008	Maximum 1.52715E+008	
Mean 8.89801E+007	SD 3.83744E+007	Variance 1.4726E+015

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 861139	SD 345974	Variance 1.19698E+011

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 2.7346E+008
50% of values less than 3.13636E+008	75% of values less than 3.52235E+008	90% of values less than 3.91959E+008
Minimum 0.es less than 4.11255E+008	Maximum 4.86487E+008	
Mean 2.82842E+008	SD 1.22089E+008	Variance 1.49058E+016

ETP Aromatics - EC10-EC12 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 1.49806E-013	
Mean 1.55393E-016	SD 4.7372E-015	Variance 2.24411E-029

ETP Aromatics - EC12-EC16 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 4.49405E-013	
Mean 4.6696E-016	SD 1.42121E-014	Variance 2.01982E-028

ETP Aromatics - EC16-EC21 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 4.60863E-014	
Mean 4.78745E-017	SD 1.45743E-015	Variance 2.1241E-030

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 855145	SD 352131	Variance 1.23996E+011

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 4.33552E+007
50% of values less than 4.97238E+007	75% of values less than 5.58362E+007	90% of values less than 6.20874E+007
Minimum 0.es less than 6.51023E+007	Maximum 7.68574E+007	
Mean 4.46229E+007	SD 1.96444E+007	Variance 3.85904E+014

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 855145	SD 352131	Variance 1.23996E+011

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 8.57104E+007
50% of values less than 9.84476E+007	75% of values less than 1.10672E+008	90% of values less than 1.23175E+008
Minimum 0.es less than 1.29205E+008	Maximum 1.52715E+008	
Mean 8.83907E+007	SD 3.89597E+007	Variance 1.51786E+015

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 855145	SD 352131	Variance 1.23996E+011

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 2.72073E+008
50% of values less than 3.12832E+008	75% of values less than 3.51952E+008	90% of values less than 3.91959E+008
Minimum 0.es less than 4.11255E+008	Maximum 4.86487E+008	
Mean 2.80969E+008	SD 1.23948E+008	Variance 1.5363E+016

ETP Aromatics - EC10-EC12 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC12-EC16 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC16-EC21 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 730270	SD 444041	Variance 1.97173E+011

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 4.79118E+007	75% of values less than 5.46857E+007	90% of values less than 6.08243E+007
Minimum 0.es less than 6.44487E+007	Maximum 7.68574E+007	
Mean 3.80702E+007	SD 2.40153E+007	Variance 5.76733E+014

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 730270	SD 444041	Variance 1.97173E+011

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 9.48237E+007	75% of values less than 1.08371E+008	90% of values less than 1.20649E+008
Minimum 0.es less than 1.27897E+008	Maximum 1.52715E+008	
Mean 7.54101E+007	SD 4.76027E+007	Variance 2.26601E+015

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 730270	SD 444041	Variance 1.97173E+011

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 3.01236E+008	75% of values less than 3.44588E+008	90% of values less than 3.83875E+008
Minimum 0.es less than 4.07071E+008	Maximum 4.86487E+008	
Mean 2.39706E+008	SD 1.51388E+008	Variance 2.29183E+016

ETP Aromatics - EC10-EC12 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC12-EC16 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC16-EC21 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.56756	10% of values less than 2.62783	25% of values less than 2.72988
50% of values less than 2.91785	75% of values less than 3.30776	90% of values less than 3.8679
Minimum 2.45448s than 4.11156	Maximum 4.90105	
Mean 3.08943	SD 0.486096	Variance 0.23629

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 120.628	10% of values less than 125.926	25% of values less than 135.619
50% of values less than 151.056	75% of values less than 174.72	90% of values less than 210.023
Minimum 107.538s than 245.266	Maximum 364.952	
Mean 161.487	SD 39.1118	Variance 1529.73

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.56756	10% of values less than 2.62783	25% of values less than 2.72988
50% of values less than 2.91785	75% of values less than 3.30776	90% of values less than 3.8679
Minimum 2.45448s than 4.11156	Maximum 4.90105	
Mean 3.08943	SD 0.486096	Variance 0.23629

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 238.668	10% of values less than 248.986	25% of values less than 268.584
50% of values less than 298.777	75% of values less than 346.128	90% of values less than 416.693
Minimum 212.367s than 486.7	Maximum 725.155	
Mean 319.885	SD 77.8601	Variance 6062.2

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ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.56756	10% of values less than 2.62783	25% of values less than 2.72988
50% of values less than 2.91785	75% of values less than 3.30776	90% of values less than 3.8679
Minimum 2.45448s than 4.11156	Maximum 4.90105	
Mean 3.08943	SD 0.486096	Variance 0.23629

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 758.19	10% of values less than 789.778	25% of values less than 853.403
50% of values less than 949.527	75% of values less than 1100.67	90% of values less than 1326.04
Minimum 673.614s than 1549.01	Maximum 2310.05	
Mean 1016.84	SD 248.355	Variance 61680.3

ETP Aromatics - EC10-EC12 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 2.89816E-016	10% of values less than 2.91879E-015	25% of values less than 1.37299E-013
50% of values less than 1.09006E-011	75% of values less than 2.35154E-010	90% of values less than 1.13158E-009
Minimum 2.1294E-022n 2.57439E-009	Maximum 1.59951E-008	
Mean 4.75946E-010	SD 1.47877E-009	Variance 2.18676E-018

ETP Aromatics - EC12-EC16 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 4.94639E-006	10% of values less than 9.31295E-006	25% of values less than 2.39034E-005
50% of values less than 5.86539E-005	75% of values less than 0.000135592	90% of values less than 0.000231415
Minimum 1.89023E-007 0.000288425	Maximum 0.000668086	
Mean 9.35623E-005	SD 9.61998E-005	Variance 9.25441E-009

ETP Aromatics - EC16-EC21 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 1.16478E-009	75% of values less than 1.31589E-008	90% of values less than 4.46269E-008
Minimum 0.es less than 7.00287E-008	Maximum 2.33005E-007	
Mean 1.415E-008	SD 3.07074E-008	Variance 9.42946E-016

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.56496	10% of values less than 2.62514	25% of values less than 2.72719
50% of values less than 2.91483	75% of values less than 3.30428	90% of values less than 3.86403
Minimum 2.45189s than 4.10756	Maximum 4.89625	
Mean 3.08634	SD 0.48563	Variance 0.235836

Retarded Travel Time to DCE Receptor years

05% of values less than 120.508	10% of values less than 125.799	25% of values less than 135.477
50% of values less than 150.904	75% of values less than 174.542	90% of values less than 209.813
Minimum 107.425s than 245.027	Maximum 364.581	
Mean 161.326	SD 39.0733	Variance 1526.72

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.56496	10% of values less than 2.62514	25% of values less than 2.72719
50% of values less than 2.91483	75% of values less than 3.30428	90% of values less than 3.86403
Minimum 2.45189s than 4.10756	Maximum 4.89625	
Mean 3.08634	SD 0.48563	Variance 0.235836

Retarded Travel Time to DCE Receptor years

05% of values less than 238.42	10% of values less than 248.738	25% of values less than 268.303
50% of values less than 298.482	75% of values less than 345.783	90% of values less than 416.275
Minimum 212.144s than 486.226	Maximum 724.418	
Mean 319.565	SD 77.7835	Variance 6050.27

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.56496	10% of values less than 2.62514	25% of values less than 2.72719
50% of values less than 2.91483	75% of values less than 3.30428	90% of values less than 3.86403
Minimum 2.45189s than 4.10756	Maximum 4.89625	
Mean 3.08634	SD 0.48563	Variance 0.235836

Retarded Travel Time to DCE Receptor years

05% of values less than 757.4	10% of values less than 788.991	25% of values less than 852.591
50% of values less than 948.624	75% of values less than 1099.61	90% of values less than 1324.71
Minimum 672.907s than 1547.5	Maximum 2307.7	
Mean 1015.82	SD 248.111	Variance 61558.9

ETP Aromatics - EC10-EC12 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.04253E-016	10% of values less than 1.16767E-015	25% of values less than 5.10677E-014
50% of values less than 4.1247E-012	75% of values less than 9.4318E-011	90% of values less than 4.59606E-010
Minimum 6.57929E-023 1.01411E-009	Maximum 6.94903E-009	
Mean 1.87568E-010	SD 6.02694E-010	Variance 3.6324E-019

ETP Aromatics - EC12-EC16 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.97965E-006	10% of values less than 3.52679E-006	25% of values less than 8.93527E-006
50% of values less than 2.27869E-005	75% of values less than 5.09971E-005	90% of values less than 8.83891E-005
Minimum 5.86025E-008 0.000114902	Maximum 0.000257005	
Mean 3.63748E-005	SD 3.84453E-005	Variance 1.47804E-009

ETP Aromatics - EC16-EC21 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 4.50135E-010	75% of values less than 5.25549E-009	90% of values less than 1.71628E-008
Minimum 0.es less than 2.69862E-008	Maximum 1.00491E-007	
Mean 5.48295E-009	SD 1.20217E-008	Variance 1.44522E-016

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 1.71986	10% of values less than 1.73399	25% of values less than 1.78989
50% of values less than 1.87603	75% of values less than 1.976	90% of values less than 2.04092
Minimum 1.69729s than 2.07141	Maximum 2.10486	
Mean 1.88385	SD 0.11112	Variance 0.0123476

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 3.50255	10% of values less than 3.53198	25% of values less than 3.64729
50% of values less than 3.82634	75% of values less than 4.03578	90% of values less than 4.17276
Minimum 3.47146s than 4.22684	Maximum 4.2944	
Mean 3.84347	SD 0.230288	Variance 0.0530326

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 0.65	10% of values less than 0.65	25% of values less than 0.65
50% of values less than 0.65	75% of values less than 0.65	90% of values less than 0.65
Minimum 0.65 less than 0.65	Maximum 0.65	
Mean 0.65	SD 1.58678E-007	Variance 2.51787E-014

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.00164517	Maximum 0.00164517	
Mean 4.20824E-006	SD 7.44986E-005	Variance 5.55004E-009

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000174965	Maximum 0.0638026	
Mean 0.000174965	SD 0.00302296	Variance 9.13829E-006

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.00164517	
Mean 4.20824E-006	SD 7.44986E-005	Variance 5.55004E-009

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.12596	
Mean 0.000345722	SD 0.00597158	Variance 3.56598E-005

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.00164517	Maximum 0.00164517	
Mean 4.20824E-006	SD 7.44986E-005	Variance 5.55004E-009

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.00109705	Maximum 0.399453	
Mean 0.00109705	SD 0.0189455	Variance 0.000358933

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 1.68902	10% of values less than 1.70676	25% of values less than 1.75647
50% of values less than 1.84504	75% of values less than 1.93922	90% of values less than 2.00732
Minimum 1.64106s than 2.03279	Maximum 2.08471	
Mean 1.85156	SD 0.109678	Variance 0.0120293

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 3.48721	10% of values less than 3.51339	25% of values less than 3.63263
50% of values less than 3.81134	75% of values less than 4.0179	90% of values less than 4.15547
Minimum 3.45769s than 4.21083	Maximum 4.27983	
Mean 3.82669	SD 0.229412	Variance 0.05263

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 0.639368	10% of values less than 0.640676	25% of values less than 0.64214
50% of values less than 0.643497	75% of values less than 0.644517	90% of values less than 0.645129
Minimum 0.633904 than 0.645357	Maximum 0.646068	
Mean 0.643102	SD 0.00186596	Variance 3.4818E-006

Tank Farm Aromatics - EC10-EC12 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0412225	10% of values less than 0.0424357	25% of values less than 0.0459034
50% of values less than 0.0511154	75% of values less than 0.0587628	90% of values less than 0.0700256
Minimum 0.03699851	Maximum 0.112408	
Mean 0.0543439	SD 0.0125491	Variance 0.00015748

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC12-EC16 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0851273	10% of values less than 0.0876961	25% of values less than 0.0947627
50% of values less than 0.105467	75% of values less than 0.121427	90% of values less than 0.14429
Minimum 0.0772255	Maximum 0.236149	
Mean 0.112309	SD 0.0259402	Variance 0.000672893

Tank Farm Aromatics - EC16-EC21 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0147693	10% of values less than 0.0150806	25% of values less than 0.0160593
50% of values less than 0.0174327	75% of values less than 0.0203284	90% of values less than 0.0242341
Minimum 0.01404031an 0.0280756	Maximum 0.0374677	
Mean 0.018871	SD 0.004174	Variance 1.74223E-005

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.682936	10% of values less than 0.717222	25% of values less than 0.779526
50% of values less than 0.867735	75% of values less than 0.967389	90% of values less than 1.13736
Minimum 0.639361 than 1.228	Maximum 1.61062	
Mean 0.894169	SD 0.161463	Variance 0.0260704

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 33.3253	10% of values less than 35.2735	25% of values less than 38.7527
50% of values less than 43.5671	75% of values less than 51.2341	90% of values less than 60.8886
Minimum 28.3347s than 73.2621	Maximum 106.926	
Mean 46.7451	SD 12.09	Variance 146.168

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.682936	10% of values less than 0.717222	25% of values less than 0.779526
50% of values less than 0.867735	75% of values less than 0.967389	90% of values less than 1.13736
Minimum 0.639361 than 1.228	Maximum 1.61062	
Mean 0.894169	SD 0.161463	Variance 0.0260704

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 65.972	10% of values less than 69.7926	25% of values less than 76.7394
50% of values less than 86.312	75% of values less than 101.508	90% of values less than 120.796
Minimum 56.0158s than 145.213	Maximum 212.411	
Mean 92.596	SD 24.0536	Variance 578.578

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.682936	10% of values less than 0.717222	25% of values less than 0.779526
50% of values less than 0.867735	75% of values less than 0.967389	90% of values less than 1.13736
Minimum 0.639361 than 1.228	Maximum 1.61062	
Mean 0.894169	SD 0.161463	Variance 0.0260704

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 209.617	10% of values less than 221.718	25% of values less than 243.887
50% of values less than 274.39	75% of values less than 322.524	90% of values less than 384.277
Minimum 177.813s than 461.797	Maximum 676.547	
Mean 294.34	SD 76.6945	Variance 5882.05

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 5.35638E-007	10% of values less than 1.28824E-006	25% of values less than 4.8996E-006
50% of values less than 2.04356E-005	75% of values less than 5.90181E-005	90% of values less than 0.000127095
Minimum 1.41169E-009 0.000175075	Maximum 0.000502707	
Mean 4.49399E-005	SD 6.0294E-005	Variance 3.63537E-009

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00286473	10% of values less than 0.0034896	25% of values less than 0.00486919
50% of values less than 0.00683866	75% of values less than 0.00924715	90% of values less than 0.0118898
Minimum 0.00145682an 0.0135205	Maximum 0.0193384	
Mean 0.00733162	SD 0.00330015	Variance 1.0891E-005

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 1.11978E-005	10% of values less than 2.00506E-005	25% of values less than 4.01232E-005
50% of values less than 8.16679E-005	75% of values less than 0.000144677	90% of values less than 0.000205624
Minimum 7.12526E-007 0.000284091	Maximum 0.000533071	
Mean 0.000104207	SD 8.6091E-005	Variance 7.41166E-009

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.086386	10% of values less than 0.104118	25% of values less than 0.146898
50% of values less than 0.21711	75% of values less than 0.288465	90% of values less than 0.343586
Minimum 0.06145521	Maximum 0.568646	
Mean 0.222143	SD 0.0917015	Variance 0.00840917

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 4.35041	10% of values less than 5.2148	25% of values less than 7.47255
50% of values less than 11.2682	75% of values less than 14.9046	90% of values less than 18.189
Minimum 2.80518	Maximum 37.2567	
Mean 11.6181	SD 5.2883	Variance 27.9661

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.086386	10% of values less than 0.104118	25% of values less than 0.146898
50% of values less than 0.21711	75% of values less than 0.288465	90% of values less than 0.343586
Minimum 0.06145521	Maximum 0.568646	
Mean 0.222143	SD 0.0917015	Variance 0.00840917

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 8.61362	10% of values less than 10.3205	25% of values less than 14.8242
50% of values less than 22.3076	75% of values less than 29.5347	90% of values less than 36.0433
Minimum 5.54312s	Maximum 73.9448	
Mean 23.014	SD 10.4916	Variance 110.073

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.086386	10% of values less than 0.104118	25% of values less than 0.146898
50% of values less than 0.21711	75% of values less than 0.288465	90% of values less than 0.343586
Minimum 0.06145521	Maximum 0.568646	
Mean 0.222143	SD 0.0917015	Variance 0.00840917

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 27.3757	10% of values less than 32.7858	25% of values less than 47.1713
50% of values less than 70.8425	75% of values less than 93.7093	90% of values less than 114.643
Minimum 17.59	Maximum 235.372	
Mean 73.156	SD 33.3863	Variance 1114.64

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00011808	10% of values less than 0.00020593	25% of values less than 0.000407532
50% of values less than 0.000960359	75% of values less than 0.0020192	90% of values less than 0.00368808
Minimum 1.46453E-005 0.00502084	Maximum 0.00888224	
Mean 0.00151314	SD 0.00154669	Variance 2.39225E-006

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00409126	10% of values less than 0.00517321	25% of values less than 0.00993764
50% of values less than 0.0201022	75% of values less than 0.0308697	90% of values less than 0.0401285
Minimum 0.00212421an 0.0451276	Maximum 0.0687391	
Mean 0.0215448	SD 0.0131745	Variance 0.000173568

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000207301	10% of values less than 0.000265447	25% of values less than 0.000505126
50% of values less than 0.00101557	75% of values less than 0.00176302	90% of values less than 0.00262889
Minimum 4.59039E-005 0.00322723	Maximum 0.00528145	
Mean 0.00125998	SD 0.000956594	Variance 9.15072E-007

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.00136445	90% of values less than 0.0423656
Minimum 0.0579448	Maximum 0.112316	
Mean 0.00933362	SD 0.0195426	Variance 0.000381914

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0691999	90% of values less than 2.1791
Minimum 0.298477	Maximum 7.35873	
Mean 0.487743	SD 1.04623	Variance 1.0946

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.00136445	90% of values less than 0.0423656
Minimum 0.0579448	Maximum 0.112316	
Mean 0.00933362	SD 0.0195426	Variance 0.000381914

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.137335	90% of values less than 4.31347
Minimum 0.591772	Maximum 14.6051	
Mean 0.966153	SD 2.07317	Variance 4.29803

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.00136445	90% of values less than 0.0423656
Minimum 0.0579448	Maximum 0.112316	
Mean 0.00933362	SD 0.0195426	Variance 0.000381914

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.437132	90% of values less than 13.7047
Minimum 0.188237	Maximum 46.4893	
Mean 3.07115	SD 6.5917	Variance 43.4506

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000227323	10% of values less than 0.00046622	25% of values less than 0.00176493
50% of values less than 0.00610763	75% of values less than 0.0131082	90% of values less than 0.0249415
Minimum 1.5901E-006n 0.0321988	Maximum 0.0584539	
Mean 0.00955672	SD 0.0103751	Variance 0.000107643

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00100591	10% of values less than 0.00295765	25% of values less than 0.0104875
50% of values less than 0.0361799	75% of values less than 0.0616101	90% of values less than 0.0846897
Minimum 4.07497E-006 0.0954023	Maximum 0.163299	
Mean 0.0398759	SD 0.0320899	Variance 0.00102976

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000130585	10% of values less than 0.000270051	25% of values less than 0.00104336
50% of values less than 0.00353083	75% of values less than 0.00676442	90% of values less than 0.0104839
Minimum 5.89979E-007 0.0129567	Maximum 0.0206192	
Mean 0.00455169	SD 0.00417675	Variance 1.74452E-005

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.021041
Minimum 0.0366365	Maximum 0.0790613	
Mean 0.00467609	SD 0.0121657	Variance 0.000148003

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 1.06654
Minimum 0.1882	Maximum 5.17996	
Mean 0.245529	SD 0.654578	Variance 0.428472

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.021041
Minimum 0.0366365	Maximum 0.0790613	
Mean 0.00467609	SD 0.0121657	Variance 0.000148003

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 2.11164
Minimum 0.72598	Maximum 10.2809	
Mean 0.486383	SD 1.29713	Variance 1.68254

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.021041
Minimum 0.es less than 0.0366365	Maximum 0.0790613	
Mean 0.00467609	SD 0.0121657	Variance 0.000148003

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 6.71004
Minimum 0.es less than 11.8395	Maximum 32.7248	
Mean 1.54614	SD 4.12435	Variance 17.0103

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.000987858	10% of values less than 0.0015806	25% of values less than 0.00443538
50% of values less than 0.0105019	75% of values less than 0.0200837	90% of values less than 0.0340127
Minimum 6.25157E-006 0.0403205	Maximum 0.0706384	
Mean 0.0142958	SD 0.0127782	Variance 0.000163281

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.00473684	10% of values less than 0.00877996	25% of values less than 0.02525
50% of values less than 0.0544281	75% of values less than 0.0766678	90% of values less than 0.0962771
Minimum 1.45589E-005 0.108729	Maximum 0.175883	
Mean 0.0537343	SD 0.0333638	Variance 0.00111314

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.000534786	10% of values less than 0.000843594	25% of values less than 0.00258722
50% of values less than 0.00557734	75% of values less than 0.00943703	90% of values less than 0.013377
Minimum 2.22391E-006 0.0151308	Maximum 0.0255509	
Mean 0.00648175	SD 0.0047445	Variance 2.25103E-005

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0227353
Minimum 0.038229	Maximum 0.0813788	
Mean 0.00495014	SD 0.0126469	Variance 0.000159943

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 1.13091
Minimum 0.194552	Maximum 5.3318	
Mean 0.259762	SD 0.68018	Variance 0.462644

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0227353
Minimum 0.es less than 0.038229	Maximum 0.0813788	
Mean 0.00495014	SD 0.0126469	Variance 0.000159943

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 2.23907
Minimum 0.es less than 3.86223	Maximum 10.5822	
Mean 0.514574	SD 1.34786	Variance 1.81672

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0227353
Minimum 0.es less than 0.038229	Maximum 0.0813788	
Mean 0.00495014	SD 0.0126469	Variance 0.000159943

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 7.11498
Minimum 0.es less than 12.297	Maximum 33.6841	
Mean 1.63575	SD 4.28564	Variance 18.3667

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 8.67716E-008	10% of values less than 4.04133E-006	25% of values less than 8.92937E-005
50% of values less than 0.00147898	75% of values less than 0.0065733	90% of values less than 0.0164143
Minimum 0.es less than 0.0250966	Maximum 0.0633337	
Mean 0.00534506	SD 0.00911055	Variance 8.30021E-005

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 2.1521E-007	10% of values less than 1.48605E-005	25% of values less than 0.000453957
50% of values less than 0.00701821	75% of values less than 0.0354599	90% of values less than 0.0616712
Minimum 0.es less than 0.0755584	Maximum 0.153477	
Mean 0.0206077	SD 0.0271812	Variance 0.000738819

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 3.00149E-008

10% of values less than 1.72944E-006

25% of values less than 4.72575E-005

50% of values less than 0.000764838

75% of values less than 0.00349517

90% of values less than 0.00719515

Minimum Ores less than 0.0102102

Maximum 0.0224345

Mean 0.00246046

SD 0.00365619

Variance 1.33678E-005

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0264504	90% of values less than 0.0672529
Minimum 0.0828185	Maximum 0.151603	
Mean 0.0170191	SD 0.0291104	Variance 0.000847418

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.35141	90% of values less than 3.44171
Minimum 0.31654	Maximum 9.93277	
Mean 0.887091	SD 1.55387	Variance 2.4145

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0264504	90% of values less than 0.0672529
Minimum 0.0828185	Maximum 0.151603	
Mean 0.0170191	SD 0.0291104	Variance 0.000847418

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 2.67929	90% of values less than 6.82647
Minimum 0.54673	Maximum 19.7139	
Mean 1.75716	SD 3.07904	Variance 9.48051

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0264504	90% of values less than 0.0672529
Minimum 0.0828185	Maximum 0.151603	
Mean 0.0170191	SD 0.0291104	Variance 0.000847418

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 8.52195	90% of values less than 21.6963
Minimum 0.1596	Maximum 62.7511	
Mean 5.58548	SD 9.78984	Variance 95.8409

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 3.44791E-017	75% of values less than 2.86264E-013	90% of values less than 9.32957E-011
Minimum 0.es less than 8.68605E-010	Maximum 2.5808E-008	
Mean 3.6157E-010	SD 2.068E-009	Variance 4.27662E-018

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.23811E-016	75% of values less than 1.89047E-012	90% of values less than 7.18277E-010
Minimum 0.es less than 6.50871E-009	Maximum 1.58073E-007	
Mean 3.11937E-009	SD 1.68889E-008	Variance 2.85235E-016

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.01668E-017	75% of values less than 1.60634E-013	90% of values less than 5.52473E-011
Minimum 0.es less than 5.24164E-010	Maximum 1.30877E-008	
Mean 2.39934E-010	SD 1.28635E-009	Variance 1.6547E-018

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.82856	10% of values less than 2.87292	25% of values less than 2.98392
50% of values less than 3.18755	75% of values less than 3.61619	90% of values less than 4.22206
Minimum 2.72797s than 4.4359	Maximum 5.45809	
Mean 3.37561	SD 0.526651	Variance 0.277361

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 132.572	10% of values less than 137.606	25% of values less than 148.955
50% of values less than 164.733	75% of values less than 191.158	90% of values less than 230.125
Minimum 117.896s than 265.321	Maximum 393.588	
Mean 176.451	SD 42.672	Variance 1820.9

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.82856	10% of values less than 2.87292	25% of values less than 2.98392
50% of values less than 3.18755	75% of values less than 3.61619	90% of values less than 4.22206
Minimum 2.72797s than 4.4359	Maximum 5.45809	
Mean 3.37561	SD 0.526651	Variance 0.277361

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 262.262	10% of values less than 271.844	25% of values less than 294.759
50% of values less than 326.114	75% of values less than 378.697	90% of values less than 456.439
Minimum 232.758s than 526.793	Maximum 782.054	
Mean 349.527	SD 84.95	Variance 7216.5

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.82856	10% of values less than 2.87292	25% of values less than 2.98392
50% of values less than 3.18755	75% of values less than 3.61619	90% of values less than 4.22206
Minimum 2.72797s than 4.4359	Maximum 5.45809	
Mean 3.37561	SD 0.526651	Variance 0.277361

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 832.591	10% of values less than 863.755	25% of values less than 935.819
50% of values less than 1036.6	75% of values less than 1202.2	90% of values less than 1452.22
Minimum 738.151s than 1677.27	Maximum 2491.31	
Mean 1111.06	SD 270.976	Variance 73428

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 4.07413E-017	10% of values less than 3.54178E-016	25% of values less than 2.21052E-014
50% of values less than 2.53157E-012	75% of values less than 7.35631E-011	90% of values less than 4.66228E-010
Minimum 3.75167E-025 9.79621E-010	Maximum 1.85076E-008	
Mean 2.09483E-010	SD 8.46047E-010	Variance 7.15796E-019

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 3.32197E-006	10% of values less than 6.45919E-006	25% of values less than 1.73804E-005
50% of values less than 4.69324E-005	75% of values less than 0.000111395	90% of values less than 0.000210713
Minimum 1.54509E-007 0.000269291	Maximum 0.000686316	
Mean 8.05567E-005	SD 9.18015E-005	Variance 8.42751E-009

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 4.31047E-009	90% of values less than 3.10461E-008
Minimum 0.es less than 5.5993E-008	Maximum 2.9067E-007	
Mean 9.89257E-009	SD 2.8037E-008	Variance 7.86072E-016

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.82588	10% of values less than 2.8702	25% of values less than 2.98116
50% of values less than 3.1847	75% of values less than 3.61299	90% of values less than 4.2181
Minimum 2.72536s than 4.43186	Maximum 5.45329	
Mean 3.37252	SD 0.52618	Variance 0.276865

Retarded Travel Time to DCE Receptor years

05% of values less than 132.452	10% of values less than 137.474	25% of values less than 148.816
50% of values less than 164.575	75% of values less than 190.979	90% of values less than 229.914
Minimum 117.787s than 265.086	Maximum 393.217	
Mean 176.289	SD 42.6333	Variance 1817.6

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.82588	10% of values less than 2.8702	25% of values less than 2.98116
50% of values less than 3.1847	75% of values less than 3.61299	90% of values less than 4.2181
Minimum 2.72536s than 4.43186	Maximum 5.45329	
Mean 3.37252	SD 0.52618	Variance 0.276865

Retarded Travel Time to DCE Receptor years

05% of values less than 262.024	10% of values less than 271.585	25% of values less than 294.498
50% of values less than 325.825	75% of values less than 378.341	90% of values less than 456.02
Minimum 232.542s than 526.326	Maximum 781.317	
Mean 349.206	SD 84.8729	Variance 7203.41

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.82588	10% of values less than 2.8702	25% of values less than 2.98116
50% of values less than 3.1847	75% of values less than 3.61299	90% of values less than 4.2181
Minimum 2.72536s than 4.43186	Maximum 5.45329	
Mean 3.37252	SD 0.52618	Variance 0.276865

Retarded Travel Time to DCE Receptor years

05% of values less than 831.793	10% of values less than 862.934	25% of values less than 934.984
50% of values less than 1035.62	75% of values less than 1201.07	90% of values less than 1450.89
Minimum 737.463s than 1675.78	Maximum 2488.96	
Mean 1110.04	SD 270.73	Variance 73294.8

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 3.25472E-017	10% of values less than 3.30843E-016	25% of values less than 1.98255E-014
50% of values less than 2.30481E-012	75% of values less than 6.75198E-011	90% of values less than 4.18411E-010
Minimum 2.53614E-025 8.68111E-010	Maximum 1.6599E-008	
Mean 1.81317E-010	SD 7.41705E-010	Variance 5.50126E-019

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 2.85994E-006	10% of values less than 5.24069E-006	25% of values less than 1.4755E-005
50% of values less than 4.00247E-005	75% of values less than 9.50292E-005	90% of values less than 0.000187785
Minimum 1.29377E-007 0.000240639	Maximum 0.000529238	
Mean 7.13111E-005	SD 8.22816E-005	Variance 6.77027E-009

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 3.38071E-009	90% of values less than 2.78013E-008
Minimum 0.es less than 4.85715E-008	Maximum 2.59821E-007	
Mean 8.62405E-009	SD 2.4166E-008	Variance 5.83995E-016

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at Source [mg/l] - 1000 years

05% of values less than 4.26365	10% of values less than 4.32946	25% of values less than 4.44978
50% of values less than 4.56045	75% of values less than 4.69764	90% of values less than 4.82248
Minimum 4.14471s than 4.89254	Maximum 5.08858	
Mean 4.57136	SD 0.183792	Variance 0.0337794

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0.0979799	10% of values less than 0.237597	25% of values less than 0.816986
50% of values less than 1.83232	75% of values less than 2.75558	90% of values less than 3.51798
Minimum 0.05 less than 3.77525	Maximum 4.86	
Mean 1.84153	SD 1.1873	Variance 1.40969

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0.173676	10% of values less than 0.433832	25% of values less than 1.49044
50% of values less than 3.2715	75% of values less than 5.01513	90% of values less than 6.20087
Minimum 0.05 less than 6.67257	Maximum 8.06655	
Mean 3.31677	SD 2.10842	Variance 4.44545

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 4.26365	10% of values less than 4.32946	25% of values less than 4.44978
50% of values less than 4.56045	75% of values less than 4.69764	90% of values less than 4.82248
Minimum 4.14471s than 4.89254	Maximum 5.08858	
Mean 4.57136	SD 0.183792	Variance 0.0337794

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0887096	10% of values less than 0.0922956	25% of values less than 0.0977171
50% of values less than 0.107234	75% of values less than 0.124791	90% of values less than 0.147949
Minimum 0.08086861	Maximum 0.237039	
Mean 0.115601	SD 0.0270501	Variance 0.00073171

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.956086	10% of values less than 1.10468	25% of values less than 1.72189
50% of values less than 2.70121	75% of values less than 3.64443	90% of values less than 4.41588
Minimum 0.68894s than 4.728	Maximum 5.92449	
Mean 2.74096	SD 1.20174	Variance 1.44418

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 1.71172	10% of values less than 1.99112	25% of values less than 3.11912
50% of values less than 4.89293	75% of values less than 6.67771	90% of values less than 7.91876
Minimum 1.25659s than 8.42752	Maximum 10.4912	
Mean 4.95386	SD 2.14646	Variance 4.60728

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000321432	10% of values less than 0.000381707	25% of values less than 0.000551334
50% of values less than 0.00086404	75% of values less than 0.00126055	90% of values less than 0.00173238
Minimum 8.87258E-005 0.00202879	Maximum 0.00331821	
Mean 0.00096218	SD 0.000533274	Variance 2.84381E-007

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.309909	10% of values less than 0.453406	25% of values less than 1.04232
50% of values less than 2.04898	75% of values less than 2.97312	90% of values less than 3.72939
Minimum 0.102655 than 4.02159	Maximum 5.13905	
Mean 2.06683	SD 1.19193	Variance 1.4207

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0.573295	10% of values less than 0.818659	25% of values less than 1.91702
50% of values less than 3.68384	75% of values less than 5.43166	90% of values less than 6.6535
Minimum 0.190679 than 7.15471	Maximum 8.64553	
Mean 3.7267	SD 2.1181	Variance 4.48637

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 3.66082E-005	10% of values less than 6.15201E-005	25% of values less than 0.000123412
50% of values less than 0.000303018	75% of values less than 0.000601985	90% of values less than 0.000988669
Minimum 7.7155E-006n 0.00122123	Maximum 0.00198705	
Mean 0.000419869	SD 0.000372772	Variance 1.38959E-007

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.10361	10% of values less than 0.237735	25% of values less than 0.820385
50% of values less than 1.84528	75% of values less than 2.7579	90% of values less than 3.52786
Minimum 0.05 less than 3.80152	Maximum 4.89183	
Mean 1.84904	SD 1.18803	Variance 1.41141

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0.183991	10% of values less than 0.433832	25% of values less than 1.49607
50% of values less than 3.29645	75% of values less than 5.03539	90% of values less than 6.2392
Minimum 0.05 less than 6.70756	Maximum 8.06655	
Mean 3.33044	SD 2.1097	Variance 4.45084

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0262975	10% of values less than 0.0286379	25% of values less than 0.0336575
50% of values less than 0.042988	75% of values less than 0.0575108	90% of values less than 0.0738065
Minimum 0.01845421	Maximum 0.158176	
Mean 0.0478689	SD 0.0189279	Variance 0.000358266

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.10361	10% of values less than 0.237597	25% of values less than 0.818206
50% of values less than 1.84487	75% of values less than 2.75558	90% of values less than 3.52487
Minimum 0.05 less than 3.79735	Maximum 4.87382	
Mean 1.84494	SD 1.18762	Variance 1.41044

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0.183991	10% of values less than 0.433832	25% of values less than 1.49607
50% of values less than 3.2715	75% of values less than 5.02848	90% of values less than 6.2392
Minimum 0.05 less than 6.70215	Maximum 8.06655	
Mean 3.32299	SD 2.109	Variance 4.44788

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.0153286	10% of values less than 0.0191171	25% of values less than 0.0260846
50% of values less than 0.0366803	75% of values less than 0.0521568	90% of values less than 0.0746739
Minimum 0.00199476an 0.0845582	Maximum 0.1584	
Mean 0.0416428	SD 0.0216104	Variance 0.000467011

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.10361	10% of values less than 0.237597	25% of values less than 0.818206
50% of values less than 1.84487	75% of values less than 2.75558	90% of values less than 3.52487
Minimum 0.05 less than 3.79875	Maximum 4.87507	
Mean 1.84517	SD 1.18766	Variance 1.41053

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0.183991	10% of values less than 0.433832	25% of values less than 1.49607
50% of values less than 3.2715	75% of values less than 5.02848	90% of values less than 6.2392
Minimum 0.05 less than 6.70215	Maximum 8.06655	
Mean 3.32342	SD 2.10906	Variance 4.44815

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.0118958	10% of values less than 0.0141889	25% of values less than 0.0203958
50% of values less than 0.0314833	75% of values less than 0.0465644	90% of values less than 0.0661651
Minimum 0.00334954	Maximum 0.154338	
Mean 0.036477	SD 0.0217595	Variance 0.000473475

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.108943	10% of values less than 0.240712	25% of values less than 0.832792
50% of values less than 1.86177	75% of values less than 2.76529	90% of values less than 3.52786
Minimum 0.05 less than 3.80551	Maximum 4.91312	
Mean 1.85633	SD 1.18844	Variance 1.41238

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0.198811	10% of values less than 0.439568	25% of values less than 1.5073
50% of values less than 3.30145	75% of values less than 5.04853	90% of values less than 6.2545
Minimum 0.05 less than 6.73232	Maximum 8.06655	
Mean 3.34364	SD 2.11037	Variance 4.45366

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 8.82656E-017
50% of values less than 1.37426E-012	75% of values less than 2.01746E-010	90% of values less than 2.48409E-009
Minimum 0.es less than 5.79705E-009	Maximum 6.42635E-008	
Mean 1.2176E-009	SD 4.87206E-009	Variance 2.3737E-017

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.1992	10% of values less than 3.51782	25% of values less than 4.18523
50% of values less than 5.16049	75% of values less than 6.18342	90% of values less than 7.04577
Minimum 2.83566s than 7.44719	Maximum 9.25791	
Mean 5.23019	SD 1.31119	Variance 1.71922

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 5.77538	10% of values less than 6.30072	25% of values less than 7.50039
50% of values less than 9.39199	75% of values less than 11.2841	90% of values less than 12.6646
Minimum 4.90243s than 13.4201	Maximum 17.6993	
Mean 9.48515	SD 2.43267	Variance 5.91788

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 1.22368E-007	10% of values less than 2.62229E-007	25% of values less than 8.64971E-007
50% of values less than 3.16868E-006	75% of values less than 9.16429E-006	90% of values less than 1.94957E-005
Minimum 2.2184E-009n 2.52678E-005	Maximum 5.41666E-005	
Mean 6.6296E-006	SD 8.42452E-006	Variance 7.09726E-011

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 3.19641	10% of values less than 3.51475	25% of values less than 4.18244
50% of values less than 5.15759	75% of values less than 6.18049	90% of values less than 7.04269
Minimum 2.833ess than 7.44369	Maximum 9.25375	
Mean 5.22708	SD 1.31099	Variance 1.71869

Retarded Travel Time to DCE Receptor years

05% of values less than 5.77029	10% of values less than 6.29533	25% of values less than 7.49562
50% of values less than 9.38689	75% of values less than 11.279	90% of values less than 12.6594
Minimum 4.89793s than 13.4135	Maximum 17.6895	
Mean 9.4795	SD 2.43216	Variance 5.9154

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.87285E-007	10% of values less than 3.94195E-007	25% of values less than 1.27318E-006
50% of values less than 4.5868E-006	75% of values less than 1.31972E-005	90% of values less than 2.75159E-005
Minimum 3.76592E-009 3.64649E-005	Maximum 6.7796E-005	
Mean 9.57053E-006	SD 1.19116E-005	Variance 1.41887E-010

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at Source [mg/l] - 1000 years

05% of values less than 139.188	10% of values less than 145.174	25% of values less than 161.935
50% of values less than 199.321	75% of values less than 252.028	90% of values less than 295.039
Minimum 127.056s than 319.361	Maximum 401.014	
Mean 211.424	SD 58.3318	Variance 3402.6

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0.0424369	10% of values less than 0.185747	25% of values less than 0.867255
50% of values less than 1.90882	75% of values less than 2.809	90% of values less than 3.48553
Minimum 0.05 less than 3.85753	Maximum 4.6341	
Mean 1.8755	SD 1.19761	Variance 1.43428

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0.117458	10% of values less than 0.496156	25% of values less than 2.04005
50% of values less than 4.73614	75% of values less than 7.49534	90% of values less than 9.97125
Minimum 0.05 less than 11.4442	Maximum 17.8399	
Mean 5.06783	SD 3.60261	Variance 12.9788

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 0.0286914	10% of values less than 0.322236	25% of values less than 3.87309
50% of values less than 24.132	75% of values less than 80.4976	90% of values less than 150.381
Minimum 1.44633E-008 196.875	Maximum 339.073	
Mean 53.2384	SD 65.8468	Variance 4335.81

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.000694518	10% of values less than 0.00759046	25% of values less than 0.0949203
50% of values less than 0.578673	75% of values less than 1.99719	90% of values less than 3.8381
Minimum 3.82807E-010 4.74718	Maximum 13.5095	
Mean 1.32573	SD 1.72145	Variance 2.96339

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.922848	10% of values less than 1.10042	25% of values less than 1.72192
50% of values less than 2.80987	75% of values less than 3.7567	90% of values less than 4.40852
Minimum 0.684756 than 4.74755	Maximum 5.81416	
Mean 2.77409	SD 1.21043	Variance 1.46513

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 2.14216	10% of values less than 2.73092	25% of values less than 4.26054
50% of values less than 6.99664	75% of values less than 10.1273	90% of values less than 13.0247
Minimum 1.26667s than 14.7349	Maximum 21.3865	
Mean 7.5254	SD 3.9856	Variance 15.885

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 1.69239E-005	10% of values less than 0.000121289	25% of values less than 0.00193055
50% of values less than 0.0157238	75% of values less than 0.0625883	90% of values less than 0.149977
Minimum 1.45141E-011 0.233494	Maximum 0.851791	
Mean 0.0521647	SD 0.0863943	Variance 0.00746398

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TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.283138	10% of values less than 0.425511	25% of values less than 1.06294
50% of values less than 2.14417	75% of values less than 3.07489	90% of values less than 3.69954
Minimum 0.09295041	Maximum 4.84558	
Mean 2.09979	SD 1.19919	Variance 1.43805

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0.664471	10% of values less than 1.0918	25% of values less than 2.55004
50% of values less than 5.30207	75% of values less than 8.0917	90% of values less than 10.7382
Minimum 0.216755	Maximum 18.398	
Mean 5.68196	SD 3.68393	Variance 13.5713

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 2.53767E-006	10% of values less than 1.82445E-005	25% of values less than 0.000271414
50% of values less than 0.00182421	75% of values less than 0.0088565	90% of values less than 0.026269
Minimum 5.1722E-012n 0.0477633	Maximum 0.165518	
Mean 0.00948895	SD 0.0192087	Variance 0.000368973

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.0630819	10% of values less than 0.186289	25% of values less than 0.868167
50% of values less than 1.91738	75% of values less than 2.82831	90% of values less than 3.49934
Minimum 0.05 less than 3.8637	Maximum 4.6341	
Mean 1.88272	SD 1.19706	Variance 1.43296

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0.148817	10% of values less than 0.503577	25% of values less than 2.05521
50% of values less than 4.7635	75% of values less than 7.5468	90% of values less than 9.97311
Minimum 0.05 less than 11.472	Maximum 17.8399	
Mean 5.08757	SD 3.60328	Variance 12.9836

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000363019	10% of values less than 0.00328767	25% of values less than 0.0465794
50% of values less than 0.286847	75% of values less than 1.00344	90% of values less than 1.94634
Minimum 1.69076E-010 2.47796	Maximum 7.96242	
Mean 0.68185	SD 0.940487	Variance 0.884516

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.052129	10% of values less than 0.185747	25% of values less than 0.867255
50% of values less than 1.9138	75% of values less than 2.81671	90% of values less than 3.49169
Minimum 0.052129	Maximum 4.6341	
Mean 1.87873	SD 1.1973	Variance 1.43353

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0.117751	10% of values less than 0.496156	25% of values less than 2.04426
50% of values less than 4.73888	75% of values less than 7.51493	90% of values less than 9.97169
Minimum 0.117751	Maximum 17.8399	
Mean 5.07667	SD 3.60282	Variance 12.9803

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TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.00025847	10% of values less than 0.00235244	25% of values less than 0.0371959
50% of values less than 0.216328	75% of values less than 0.788597	90% of values less than 1.59586
Minimum 1.79446E-010 2.19286	Maximum 7.98346	
Mean 0.565798	SD 0.824188	Variance 0.679286

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0523271	10% of values less than 0.185747	25% of values less than 0.867255
50% of values less than 1.91458	75% of values less than 2.81671	90% of values less than 3.49169
Minimum 0.0523271	Maximum 4.6341	
Mean 1.87895	SD 1.19729	Variance 1.4335

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0.117751	10% of values less than 0.496156	25% of values less than 2.04426
50% of values less than 4.73888	75% of values less than 7.51493	90% of values less than 9.97169
Minimum 0.117751	Maximum 17.8399	
Mean 5.07727	SD 3.60285	Variance 12.9805

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.000234866	10% of values less than 0.00249418	25% of values less than 0.0291923
50% of values less than 0.20507	75% of values less than 0.699857	90% of values less than 1.45113
Minimum 9.1918E-011n 2.18669	Maximum 9.70663	
Mean 0.538804	SD 0.857455	Variance 0.735229

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TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.0682789	10% of values less than 0.197886	25% of values less than 0.870824
50% of values less than 1.91813	75% of values less than 2.84151	90% of values less than 3.50773
Minimum 0.05 less than 3.8735	Maximum 4.6341	
Mean 1.8898	SD 1.19698	Variance 1.43277

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0.156821	10% of values less than 0.512505	25% of values less than 2.07131
50% of values less than 4.78135	75% of values less than 7.55213	90% of values less than 9.9746
Minimum 0.05 less than 11.5282	Maximum 17.8399	
Mean 5.10695	SD 3.60539	Variance 12.9988

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 1.83038E-016
50% of values less than 2.58258E-012	75% of values less than 8.89611E-010	90% of values less than 2.982E-008
Minimum 0.es less than 9.65133E-008	Maximum 2.30864E-006	
Mean 2.98939E-008	SD 1.65145E-007	Variance 2.72727E-014

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.16531	10% of values less than 3.46045	25% of values less than 4.16571
50% of values less than 5.2523	75% of values less than 6.25486	90% of values less than 7.08135
Minimum 2.80212s than 7.42063	Maximum 9.68742	
Mean 5.26391	SD 1.32428	Variance 1.75372

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 6.64015	10% of values less than 7.70749	25% of values less than 10.1229
50% of values less than 13.173	75% of values less than 18.1349	90% of values less than 22.177
Minimum 4.14013s than 24.5463	Maximum 38.0707	
Mean 14.3323	SD 5.63271	Variance 31.7274

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 8.96755E-008	10% of values less than 1.19119E-006	25% of values less than 5.19487E-005
50% of values less than 0.000999564	75% of values less than 0.00830402	90% of values less than 0.030427
Minimum 3.10351E-015 0.053993	Maximum 0.20921	
Mean 0.0100645	SD 0.022582	Variance 0.000509947

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 3.16249	10% of values less than 3.45783	25% of values less than 4.162
50% of values less than 5.24855	75% of values less than 6.25166	90% of values less than 7.07839
Minimum 2.79948s than 7.41717	Maximum 9.68259	
Mean 5.26081	SD 1.32407	Variance 1.75317

Retarded Travel Time to DCE Receptor years

05% of values less than 6.63429	10% of values less than 7.70024	25% of values less than 10.1186
50% of values less than 13.1649	75% of values less than 18.1258	90% of values less than 22.1645
Minimum 4.13659s than 24.5323	Maximum 38.0479	
Mean 14.3238	SD 5.63032	Variance 31.7005

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.19248E-007	10% of values less than 1.7324E-006	25% of values less than 7.69491E-005
50% of values less than 0.00144398	75% of values less than 0.0121762	90% of values less than 0.0434457
Minimum 4.81359E-015 0.0850665	Maximum 0.254982	
Mean 0.0147441	SD 0.033311	Variance 0.00110962

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at Source [mg/l] - 1000 years

05% of values less than 9.84229	10% of values less than 10.216	25% of values less than 11.6272
50% of values less than 14.1264	75% of values less than 17.6881	90% of values less than 21.3518
Minimum 9.043ess than 23.2597	Maximum 27.8176	
Mean 15.0077	SD 4.18044	Variance 17.4761

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0.0561926	10% of values less than 0.264774	25% of values less than 0.936311
50% of values less than 1.87405	75% of values less than 2.81792	90% of values less than 3.45494
Minimum 0.0561926	Maximum 4.55146	
Mean 1.87607	SD 1.15381	Variance 1.33127

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0.137385	10% of values less than 0.682357	25% of values less than 2.30568
50% of values less than 4.53153	75% of values less than 7.27213	90% of values less than 9.71607
Minimum 0.137385	Maximum 15.5889	
Mean 5.01652	SD 3.45244	Variance 11.9194

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 0.00247443	10% of values less than 0.024075	25% of values less than 0.402587
50% of values less than 1.76135	75% of values less than 5.45964	90% of values less than 10.0557
Minimum 4.45247E-008 12.906	Maximum 22.359	
Mean 3.62609	SD 4.35714	Variance 18.9847

TCE Waste Chip Plant - Trichloroethene (TCE)

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 5.51455E-005	10% of values less than 0.000473275	25% of values less than 0.00709014
50% of values less than 0.032468	75% of values less than 0.100862	90% of values less than 0.182737
Minimum 6.43549E-010 0.244555	Maximum 0.599437	
Mean 0.0673138	SD 0.0853781	Variance 0.00728942

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.888067	10% of values less than 1.08276	25% of values less than 1.73914
50% of values less than 2.66947	75% of values less than 3.62137	90% of values less than 4.25711
Minimum 0.643877 than 4.61127	Maximum 5.46244	
Mean 2.69128	SD 1.15987	Variance 1.34531

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 2.13573	10% of values less than 2.84224	25% of values less than 4.35539
50% of values less than 6.6034	75% of values less than 9.55695	90% of values less than 12.5586
Minimum 1.12482s than 14.4378	Maximum 19.7878	
Mean 7.24378	SD 3.7574	Variance 14.1181

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 5.62372E-012	10% of values less than 3.97507E-011	25% of values less than 5.10267E-010
50% of values less than 4.0662E-009	75% of values less than 2.02802E-008	90% of values less than 7.59381E-008
Minimum 6.11668E-017 1.44098E-007	Maximum 9.00193E-007	
Mean 2.94145E-008	SD 7.59574E-008	Variance 5.76953E-015

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.210272	10% of values less than 0.404736	25% of values less than 1.05046
50% of values less than 2.01627	75% of values less than 2.94746	90% of values less than 3.59109
Minimum 0.05888861	Maximum 4.70304	
Mean 2.01358	SD 1.15685	Variance 1.3383

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0.530702	10% of values less than 1.02687	25% of values less than 2.66803
50% of values less than 4.86928	75% of values less than 7.66769	90% of values less than 10.2247
Minimum 0.128906	Maximum 16.3855	
Mean 5.39084	SD 3.49892	Variance 12.2425

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TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 6.14918E-022	90% of values less than 1.22142E-017
Minimum 0.es less than 5.27605E-017	Maximum 4.13069E-015	
Mean 2.35016E-017	SD 1.7719E-016	Variance 3.13963E-032

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.0561926	10% of values less than 0.264774	25% of values less than 0.936311
50% of values less than 1.87405	75% of values less than 2.81792	90% of values less than 3.45494
Minimum 0.0561926	Maximum 4.55146	
Mean 1.87607	SD 1.15381	Variance 1.33127

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0.137385	10% of values less than 0.682357	25% of values less than 2.30568
50% of values less than 4.53153	75% of values less than 7.27213	90% of values less than 9.71607
Minimum 0.137385	Maximum 15.5889	
Mean 5.01652	SD 3.45244	Variance 11.9194

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 3.27321E-018	Maximum 5.65403E-015	
Mean 1.96183E-017	SD 2.57979E-016	Variance 6.65532E-032

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TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0585308	10% of values less than 0.275604	25% of values less than 0.962908
50% of values less than 1.97576	75% of values less than 3.02131	90% of values less than 3.85216
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 62938.9	SD 242971	Variance 5.9035E+010

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0.145356	10% of values less than 0.719636	25% of values less than 2.46734
50% of values less than 4.82097	75% of values less than 8.11421	90% of values less than 12.0633
Minimum 0.es less than 2.00849E+006	Maximum 4.58284E+006	
Mean 169692	SD 684129	Variance 4.68032E+011

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

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TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0585308	10% of values less than 0.271254	25% of values less than 0.962274
50% of values less than 1.97255	75% of values less than 2.98633	90% of values less than 3.75677
Minimum 0.000000E+000	Maximum 1E+006	
Mean 55945.9	SD 229929	Variance 5.28671E+010

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0.145356	10% of values less than 0.712329	25% of values less than 2.4341
50% of values less than 4.7676	75% of values less than 7.98036	90% of values less than 11.6538
Minimum 0.000000E+000	Maximum 4.58284E+006	
Mean 153484	SD 659548	Variance 4.35004E+011

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 1.41364E-016
Minimum 0.es less than 1.88404E-015	Maximum 2.11205E-012	
Mean 7.40271E-015	SD 9.34615E-014	Variance 8.73505E-027

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.0561926	10% of values less than 0.264774	25% of values less than 0.936311
50% of values less than 1.87405	75% of values less than 2.81792	90% of values less than 3.45494
Minimum 0.0561926	Maximum 4.55146	
Mean 1.87607	SD 1.15381	Variance 1.33127

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0.137385	10% of values less than 0.682357	25% of values less than 2.30568
50% of values less than 4.53153	75% of values less than 7.27213	90% of values less than 9.71607
Minimum 0.137385	Maximum 15.5889	
Mean 5.01652	SD 3.45244	Variance 11.9194

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 2.09246E-005	10% of values less than 0.000140524	25% of values less than 0.00198863
50% of values less than 0.0103689	75% of values less than 0.036234	90% of values less than 0.0800066
Minimum 2.30962E-010 0.124331	Maximum 0.345029	
Mean 0.0289853	SD 0.0456887	Variance 0.00208745

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TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.17767	10% of values less than 3.47814	25% of values less than 4.24472
50% of values less than 5.14382	75% of values less than 6.11243	90% of values less than 6.88475
Minimum 2.78505s than 7.26651	Maximum 8.8178	
Mean 5.19367	SD 1.25065	Variance 1.56414

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 6.8945	10% of values less than 7.95282	25% of values less than 10.1391
50% of values less than 13.2254	75% of values less than 17.1964	90% of values less than 21.2336
Minimum 4.39103s than 24.4859	Maximum 33.9942	
Mean 14.0857	SD 5.33485	Variance 28.4607

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 1.11165E-010	10% of values less than 1.69447E-009	25% of values less than 6.95853E-008
50% of values less than 1.16001E-006	75% of values less than 9.19858E-006	90% of values less than 3.5511E-005
Minimum 1.22338E-018 5.78819E-005	Maximum 0.000444951	
Mean 1.17313E-005	SD 2.92901E-005	Variance 8.57907E-010

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 3.17483	10% of values less than 3.47544	25% of values less than 4.24196
50% of values less than 5.14014	75% of values less than 6.10977	90% of values less than 6.88136
Minimum 2.78238s than 7.26299	Maximum 8.81362	
Mean 5.19055	SD 1.25047	Variance 1.56368

Retarded Travel Time to DCE Receptor years

05% of values less than 6.89061	10% of values less than 7.94714	25% of values less than 10.1341
50% of values less than 13.2164	75% of values less than 17.1842	90% of values less than 21.2236
Minimum 4.38704s than 24.4673	Maximum 33.9765	
Mean 14.0772	SD 5.3325	Variance 28.4355

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TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.20291E-009	10% of values less than 1.90556E-008	25% of values less than 7.79167E-007
50% of values less than 1.33743E-005	75% of values less than 0.000101216	90% of values less than 0.000362033
Minimum 1.38903E-017 0.000653213	Maximum 0.00412343	
Mean 0.000122111	SD 0.000288284	Variance 8.31077E-008

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.956086	10% of values less than 1.10468	25% of values less than 1.72189
50% of values less than 2.70121	75% of values less than 3.64443	90% of values less than 4.41588
Minimum 0.68894s than 4.728	Maximum 5.92449	
Mean 2.74096	SD 1.20174	Variance 1.44418

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 1.71172	10% of values less than 1.99112	25% of values less than 3.11912
50% of values less than 4.89293	75% of values less than 6.67771	90% of values less than 7.91876
Minimum 1.25659s than 8.42752	Maximum 10.4912	
Mean 4.95386	SD 2.14646	Variance 4.60728

Naphthalene

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0897772	90% of values less than 0.154304
Minimum 0.170551	Maximum 0.256273	
Mean 0.0472858	SD 0.0633982	Variance 0.00401933

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 4.60702	90% of values less than 7.73462
Minimum 9.02247	Maximum 16.0709	
Mean 2.4677	SD 3.37227	Variance 11.3722

Trichloroethene (TCE)

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.80065	10% of values less than 0.907564	25% of values less than 1.2127
50% of values less than 1.87717	75% of values less than 2.73081	90% of values less than 3.33403
Minimum 0.643877 than 3.71344	Maximum 4.77489	
Mean 2.02651	SD 0.923991	Variance 0.853759

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 1.77527	10% of values less than 2.14216	25% of values less than 3.14709
50% of values less than 4.8891	75% of values less than 7.19006	90% of values less than 9.57991
Minimum 1.12482s than 11.235	Maximum 17.5849	
Mean 5.47976	SD 2.94741	Variance 8.68724

EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.0213616	10% of values less than 0.0424367	25% of values less than 0.0967676
50% of values less than 0.418985	75% of values less than 0.604107	90% of values less than 0.720315
Minimum 8.50705E-005 0.820388	Maximum 1.04436	
Mean 0.365726	SD 0.277024	Variance 0.0767425

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 1.06844	10% of values less than 2.18837	25% of values less than 5.08796
50% of values less than 20.2668	75% of values less than 30.6981	90% of values less than 37.8624
Minimum 0.00410751an 43.5761	Maximum 77.2745	
Mean 19.0535	SD 15.044	Variance 226.323

EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.0213616	10% of values less than 0.0424367	25% of values less than 0.0967676
50% of values less than 0.418985	75% of values less than 0.604107	90% of values less than 0.720315
Minimum 8.50705E-005 0.820388	Maximum 1.04436	
Mean 0.365726	SD 0.277024	Variance 0.0767425

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 2.11552	10% of values less than 4.32957	25% of values less than 10.0689
50% of values less than 40.1063	75% of values less than 60.7819	90% of values less than 74.8154
Minimum 0.00812995an 86.4942	Maximum 153.512	
Mean 37.7413	SD 29.8202	Variance 889.247

EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.0213616	10% of values less than 0.0424367	25% of values less than 0.0967676
50% of values less than 0.418985	75% of values less than 0.604107	90% of values less than 0.720315
Minimum 8.50705E-005 0.820388	Maximum 1.04436	
Mean 0.365726	SD 0.277024	Variance 0.0767425

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 6.72265	10% of values less than 13.7508	25% of values less than 31.9849
50% of values less than 127.449	75% of values less than 193.31	90% of values less than 237.724
Minimum 0.02582871an 275.334	Maximum 488.959	
Mean 119.968	SD 94.8359	Variance 8993.84

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

1,2-Dichloroethene (1,2-DCE)

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000321432	10% of values less than 0.000381707	25% of values less than 0.000551334
50% of values less than 0.00086404	75% of values less than 0.00126055	90% of values less than 0.00173238
Minimum 8.87258E-005 0.00202879	Maximum 0.00331821	
Mean 0.00096218	SD 0.000533274	Variance 2.84381E-007

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Naphthalene

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00150096	10% of values less than 0.00219835	25% of values less than 0.00424956
50% of values less than 0.00983162	75% of values less than 0.0256647	90% of values less than 0.054396
Minimum 2.6322E-005n 0.0759327	Maximum 0.131096	
Mean 0.0198646	SD 0.0238398	Variance 0.000568337

Trichloroethene (TCE)

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 1.69434E-005	10% of values less than 0.00012129	25% of values less than 0.00193055
50% of values less than 0.0157239	75% of values less than 0.0625885	90% of values less than 0.149977
Minimum 3.84044E-010 0.233494	Maximum 0.851791	
Mean 0.0521647	SD 0.0863943	Variance 0.00746398

EC10-EC12 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0128896	10% of values less than 0.018348	25% of values less than 0.0365041
50% of values less than 0.0827811	75% of values less than 0.221707	90% of values less than 0.466288
Minimum 0.0004874431 0.655784	Maximum 1.10958	
Mean 0.170768	SD 0.203022	Variance 0.0412177

EC12-EC16 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0438195	10% of values less than 0.0573206	25% of values less than 0.102005
50% of values less than 0.206568	75% of values less than 0.332256	90% of values less than 0.469294
Minimum 0.00861133an 0.539748	Maximum 0.794651	
Mean 0.234412	SD 0.157931	Variance 0.0249421

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC16-EC21 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00201003	10% of values less than 0.00278737	25% of values less than 0.00485731
50% of values less than 0.0104014	75% of values less than 0.0216018	90% of values less than 0.0378455
Minimum 0.0001107351 0.0494856	Maximum 0.0708502	
Mean 0.0158155	SD 0.0146525	Variance 0.000214696

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.309909	10% of values less than 0.453406	25% of values less than 1.04232
50% of values less than 2.04898	75% of values less than 2.97312	90% of values less than 3.72939
Minimum 0.102655 than 4.02159	Maximum 5.13905	
Mean 2.06683	SD 1.19193	Variance 1.4207

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.573295	10% of values less than 0.818659	25% of values less than 1.91702
50% of values less than 3.68384	75% of values less than 5.43166	90% of values less than 6.6535
Minimum 0.190679 than 7.15471	Maximum 8.64553	
Mean 3.7267	SD 2.1181	Variance 4.48637

Naphthalene

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 4.09688E+007	10% of values less than 4.27447E+007	25% of values less than 4.65346E+007
50% of values less than 5.15569E+007	75% of values less than 5.69076E+007	90% of values less than 6.26326E+007
Minimum 3.62629E+0076.55401E+007	Maximum 7.68574E+007	
Mean 5.21257E+007	SD 7.5444E+006	Variance 5.69179E+013

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Trichloroethene (TCE)

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.17139	10% of values less than 0.250945	25% of values less than 0.557452
50% of values less than 1.21159	75% of values less than 2.0303	90% of values less than 2.6598
Minimum 0.05888861an 3.05072	Maximum 4.13452	
Mean 1.35054	SD 0.916792	Variance 0.840508

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.407361	10% of values less than 0.590118	25% of values less than 1.44986
50% of values less than 3.08839	75% of values less than 5.23778	90% of values less than 7.3641
Minimum 0.128906 than 8.909	Maximum 15.4708	
Mean 3.63153	SD 2.687	Variance 7.21997

EC10-EC12 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.0116849	10% of values less than 0.0279305	25% of values less than 0.0725635
50% of values less than 0.14773	75% of values less than 0.256424	90% of values less than 0.317276
Minimum 0.000136448	Maximum 0.568646	
Mean 0.165281	SD 0.111975	Variance 0.0125385

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.61687	10% of values less than 1.36622	25% of values less than 3.71816
50% of values less than 7.65346	75% of values less than 13.0877	90% of values less than 16.7689
Minimum 0.00665859	Maximum 37.2567	
Mean 8.64896	SD 6.18649	Variance 38.2726

EC12-EC16 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.0116849	10% of values less than 0.0279305	25% of values less than 0.0725635
50% of values less than 0.14773	75% of values less than 0.256424	90% of values less than 0.317276
Minimum 0.000136448	Maximum 0.568646	
Mean 0.165281	SD 0.111975	Variance 0.0125385

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1.2203	10% of values less than 2.69748	25% of values less than 7.36329
50% of values less than 15.1366	75% of values less than 25.9173	90% of values less than 33.1591
Minimum 0.0131807	Maximum 73.9448	
Mean 17.1326	SD 12.2651	Variance 150.431

EC16-EC21 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.0116849	10% of values less than 0.0279305	25% of values less than 0.0725635
50% of values less than 0.14773	75% of values less than 0.256424	90% of values less than 0.317276
Minimum 0.000136448	Maximum 0.568646	
Mean 0.165281	SD 0.111975	Variance 0.0125385

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 3.87537	10% of values less than 8.55677	25% of values less than 23.4195
50% of values less than 48.0521	75% of values less than 82.4377	90% of values less than 105.361
Minimum 0.0418782	Maximum 235.372	
Mean 54.4608	SD 39.0109	Variance 1521.85

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

1,2-Dichloroethene (1,2-DCE)

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 3.66082E-005	10% of values less than 6.15201E-005	25% of values less than 0.000123412
50% of values less than 0.000303018	75% of values less than 0.000601985	90% of values less than 0.000988669
Minimum 7.7155E-006n 0.00122123	Maximum 0.00198705	
Mean 0.000419869	SD 0.000372772	Variance 1.38959E-007

Naphthalene

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 2.53767E-006	10% of values less than 1.82445E-005	25% of values less than 0.000271414
50% of values less than 0.00182421	75% of values less than 0.0088565	90% of values less than 0.026269
Minimum 5.17225E-012 0.0477633	Maximum 0.165518	
Mean 0.00948895	SD 0.0192087	Variance 0.000368973

EC10-EC12 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00289906	10% of values less than 0.00369935	25% of values less than 0.00597345
50% of values less than 0.00999063	75% of values less than 0.0186027	90% of values less than 0.0321766
Minimum 0.00105027an 0.0415928	Maximum 0.0698224	
Mean 0.0143865	SD 0.0122349	Variance 0.000149694

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC12-EC16 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0324139	10% of values less than 0.0413392	25% of values less than 0.0552984
50% of values less than 0.0747712	75% of values less than 0.102182	90% of values less than 0.13168
Minimum 0.0127547	Maximum 0.254838	
Mean 0.0817099	SD 0.0369044	Variance 0.00136193

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC16-EC21 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00196636	10% of values less than 0.00232776	25% of values less than 0.00323116
50% of values less than 0.00481148	75% of values less than 0.00738657	90% of values less than 0.0111351
Minimum 0.000945406	Maximum 0.0197089	
Mean 0.00584967	SD 0.00356542	Variance 1.27122E-005

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.10361	10% of values less than 0.237735	25% of values less than 0.820385
50% of values less than 1.84528	75% of values less than 2.7579	90% of values less than 3.52786
Minimum 0.05 less than 3.80152	Maximum 4.89183	
Mean 1.84904	SD 1.18803	Variance 1.41141

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.183991	10% of values less than 0.433832	25% of values less than 1.49607
50% of values less than 3.29645	75% of values less than 5.03539	90% of values less than 6.2392
Minimum 0.05 less than 6.70756	Maximum 8.06655	
Mean 3.33044	SD 2.1097	Variance 4.45084

Naphthalene

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 4.09688E+007	10% of values less than 4.27447E+007	25% of values less than 4.65346E+007
50% of values less than 5.15569E+007	75% of values less than 5.69076E+007	90% of values less than 6.26326E+007
Minimum 3.62629E+0076.55401E+007	Maximum 7.68574E+007	
Mean 5.21257E+007	SD 7.5444E+006	Variance 5.69179E+013

Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.0319609	10% of values less than 0.0977003	25% of values less than 0.428829
50% of values less than 1.08591	75% of values less than 1.93575	90% of values less than 2.56458
Minimum 0.05 less than 2.93249	Maximum 3.98157	
Mean 1.23374	SD 0.929492	Variance 0.863956

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.0645441	10% of values less than 0.223796	25% of values less than 1.09661
50% of values less than 2.82989	75% of values less than 4.89405	90% of values less than 6.98455
Minimum 0.05 less than 8.37997	Maximum 15.2311	
Mean 3.3096	SD 2.69287	Variance 7.25155

EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.00136445	90% of values less than 0.0423656
Minimum 0.0579448	Maximum 0.112316	
Mean 0.00933362	SD 0.0195426	Variance 0.000381914

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0691999	90% of values less than 2.1791
Minimum 0.298477	Maximum 7.35873	
Mean 0.487743	SD 1.04623	Variance 1.0946

EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.00136445	90% of values less than 0.0423656
Minimum 0.0579448	Maximum 0.112316	
Mean 0.00933362	SD 0.0195426	Variance 0.000381914

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.137335	90% of values less than 4.31347
Minimum 0.591772	Maximum 14.6051	
Mean 0.966153	SD 2.07317	Variance 4.29803

EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.00136445	90% of values less than 0.0423656
Minimum 0.0579448	Maximum 0.112316	
Mean 0.00933362	SD 0.0195426	Variance 0.000381914

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.437132	90% of values less than 13.7047
Minimum 0.188237	Maximum 46.4893	
Mean 3.07115	SD 6.5917	Variance 43.4506

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

1,2-Dichloroethene (1,2-DCE)

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0262975	10% of values less than 0.0286379	25% of values less than 0.0336575
50% of values less than 0.042988	75% of values less than 0.0575108	90% of values less than 0.0738065
Minimum 0.0184542	Maximum 0.158176	
Mean 0.0478689	SD 0.0189279	Variance 0.000358266

Naphthalene

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000363019	10% of values less than 0.00328767	25% of values less than 0.0465794
50% of values less than 0.286847	75% of values less than 1.00344	90% of values less than 1.94634
Minimum 1.69076E-010 2.47796	Maximum 7.96242	
Mean 0.68185	SD 0.940487	Variance 0.884516

EC10-EC12 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000227323	10% of values less than 0.00046622	25% of values less than 0.00176493
50% of values less than 0.00610763	75% of values less than 0.0131082	90% of values less than 0.0249415
Minimum 1.5901E-006n 0.0321988	Maximum 0.0584539	
Mean 0.00955672	SD 0.0103751	Variance 0.000107643

EC12-EC16 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00100591	10% of values less than 0.00295765	25% of values less than 0.0104875
50% of values less than 0.0361799	75% of values less than 0.0616101	90% of values less than 0.0846897
Minimum 4.07497E-006 0.0954023	Maximum 0.163299	
Mean 0.0398759	SD 0.0320899	Variance 0.00102976

EC16-EC21 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000130585	10% of values less than 0.000270051	25% of values less than 0.00104336
50% of values less than 0.00353083	75% of values less than 0.00676442	90% of values less than 0.0104839
Minimum 5.89979E-007 0.0129567	Maximum 0.0206192	
Mean 0.00455169	SD 0.00417675	Variance 1.74452E-005

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.10361	10% of values less than 0.237597	25% of values less than 0.818206
50% of values less than 1.84487	75% of values less than 2.75558	90% of values less than 3.52487
Minimum 0.05 less than 3.79735	Maximum 4.87382	
Mean 1.84494	SD 1.18762	Variance 1.41044

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.183991	10% of values less than 0.433832	25% of values less than 1.49607
50% of values less than 3.2715	75% of values less than 5.02848	90% of values less than 6.2392
Minimum 0.05 less than 6.70215	Maximum 8.06655	
Mean 3.32299	SD 2.109	Variance 4.44788

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Naphthalene

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 4.09688E+007	10% of values less than 4.27447E+007	25% of values less than 4.65346E+007
50% of values less than 5.15569E+007	75% of values less than 5.69076E+007	90% of values less than 6.26326E+007
Minimum 3.62629E+0076.55401E+007	Maximum 7.68574E+007	
Mean 5.21257E+007	SD 7.5444E+006	Variance 5.69179E+013

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Trichloroethene (TCE)

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0326173	10% of values less than 0.108738	25% of values less than 0.452406
50% of values less than 1.14573	75% of values less than 1.98988	90% of values less than 2.65774
Minimum 0.05 less than 3.05248	Maximum 1E+006	
Mean 3997.28	SD 63119.1	Variance 3.98402E+009

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0754439	10% of values less than 0.24847	25% of values less than 1.15213
50% of values less than 2.95331	75% of values less than 5.03211	90% of values less than 7.2691
Minimum 0.05 less than 8.69743	Maximum 3.86425E+006	
Mean 11701.4	SD 189538	Variance 3.59248E+010

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC10-EC12 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.021041
Minimum 0.0366365	Maximum 0.0790613	
Mean 0.00467609	SD 0.0121657	Variance 0.000148003

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 1.06654
Minimum 0.1882	Maximum 5.17996	
Mean 0.245529	SD 0.654578	Variance 0.428472

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC12-EC16 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.021041
Minimum 0.0366365	Maximum 0.0790613	
Mean 0.00467609	SD 0.0121657	Variance 0.000148003

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 2.11164
Minimum 0.72598	Maximum 10.2809	
Mean 0.486383	SD 1.29713	Variance 1.68254

EC16-EC21 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.021041
Minimum 0.0366365	Maximum 0.0790613	
Mean 0.00467609	SD 0.0121657	Variance 0.000148003

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 6.71004
Minimum 0.118395	Maximum 32.7248	
Mean 1.54614	SD 4.12435	Variance 17.0103

1,2-Dichloroethene (1,2-DCE)

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.0153286	10% of values less than 0.0191171	25% of values less than 0.0260846
50% of values less than 0.0366803	75% of values less than 0.0521568	90% of values less than 0.0746739
Minimum 0.00199476an 0.0845582	Maximum 0.1584	
Mean 0.0416428	SD 0.0216104	Variance 0.000467011

Naphthalene

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.00025847	10% of values less than 0.00235244	25% of values less than 0.0371959
50% of values less than 0.216328	75% of values less than 0.788597	90% of values less than 1.59586
Minimum 1.79446E-010 2.19286	Maximum 7.98346	
Mean 0.565798	SD 0.824188	Variance 0.679286

EC10-EC12 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.000987858	10% of values less than 0.0015806	25% of values less than 0.00443538
50% of values less than 0.0105019	75% of values less than 0.0200837	90% of values less than 0.0340127
Minimum 6.25157E-006 0.0403205	Maximum 0.0706384	
Mean 0.0142958	SD 0.0127782	Variance 0.000163281

EC12-EC16 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.00473684	10% of values less than 0.00877996	25% of values less than 0.02525
50% of values less than 0.0544281	75% of values less than 0.0766678	90% of values less than 0.0962771
Minimum 1.45589E-005 0.108729	Maximum 0.175883	
Mean 0.0537343	SD 0.0333638	Variance 0.00111314

EC16-EC21 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.000534786	10% of values less than 0.000843594	25% of values less than 0.00258722
50% of values less than 0.00557734	75% of values less than 0.00943703	90% of values less than 0.013377
Minimum 2.22391E-006 0.0151308	Maximum 0.0255509	
Mean 0.00648175	SD 0.0047445	Variance 2.25103E-005

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.10361	10% of values less than 0.237597	25% of values less than 0.818206
50% of values less than 1.84487	75% of values less than 2.75558	90% of values less than 3.52487
Minimum 0.05 less than 3.79875	Maximum 4.87507	
Mean 1.84517	SD 1.18766	Variance 1.41053

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.183991	10% of values less than 0.433832	25% of values less than 1.49607
50% of values less than 3.2715	75% of values less than 5.02848	90% of values less than 6.2392
Minimum 0.05 less than 6.70215	Maximum 8.06655	
Mean 3.32342	SD 2.10906	Variance 4.44815

Naphthalene

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 4.09688E+007	10% of values less than 4.27447E+007	25% of values less than 4.65346E+007
50% of values less than 5.15569E+007	75% of values less than 5.69076E+007	90% of values less than 6.26326E+007
Minimum 3.62629E+0076.55401E+007	Maximum 7.68574E+007	
Mean 5.21257E+007	SD 7.5444E+006	Variance 5.69179E+013

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Trichloroethene (TCE)

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0326173	10% of values less than 0.108268	25% of values less than 0.45016
50% of values less than 1.14211	75% of values less than 1.98227	90% of values less than 2.63727
Minimum 0.0000000000000000	Maximum 1E+006	
Mean 3997.27	SD 63119.1	Variance 3.98402E+009

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0717818	10% of values less than 0.246678	25% of values less than 1.13721
50% of values less than 2.91768	75% of values less than 4.99503	90% of values less than 7.21781
Minimum 0.0000000000000000	Maximum 3.86425E+006	
Mean 11701.4	SD 189538	Variance 3.59248E+010

EC10-EC12 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0227353
Minimum 0.038229	Maximum 0.0813788	
Mean 0.00495014	SD 0.0126469	Variance 0.000159943

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 1.13091
Minimum 0.194552	Maximum 5.3318	
Mean 0.259762	SD 0.68018	Variance 0.462644

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC12-EC16 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0227353
Minimum 0.038229	Maximum 0.0813788	
Mean 0.00495014	SD 0.0126469	Variance 0.000159943

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 2.23907
Minimum 0.386223	Maximum 10.5822	
Mean 0.514574	SD 1.34786	Variance 1.81672

EC16-EC21 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0227353
Minimum 0.es less than 0.038229	Maximum 0.0813788	
Mean 0.00495014	SD 0.0126469	Variance 0.000159943

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 7.11498
Minimum 0.es less than 12.297	Maximum 33.6841	
Mean 1.63575	SD 4.28564	Variance 18.3667

1,2-Dichloroethene (1,2-DCE)

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.0118958	10% of values less than 0.0141889	25% of values less than 0.0203958
50% of values less than 0.0314833	75% of values less than 0.0465644	90% of values less than 0.0661651
Minimum 0.00334954	Maximum 0.154338	
Mean 0.036477	SD 0.0217595	Variance 0.000473475

Naphthalene

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.000234866	10% of values less than 0.00249418	25% of values less than 0.0291923
50% of values less than 0.20507	75% of values less than 0.699857	90% of values less than 1.45113
Minimum 9.19181E-011 2.18669	Maximum 9.70663	
Mean 0.538804	SD 0.857455	Variance 0.735229

EC10-EC12 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 8.67716E-008	10% of values less than 4.04133E-006	25% of values less than 8.92937E-005
50% of values less than 0.00147898	75% of values less than 0.0065733	90% of values less than 0.0164143
Minimum 0.es less than 0.0250966	Maximum 0.0633337	
Mean 0.00534506	SD 0.00911055	Variance 8.30021E-005

EC12-EC16 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 2.1521E-007	10% of values less than 1.48605E-005	25% of values less than 0.000453957
50% of values less than 0.00701821	75% of values less than 0.0354599	90% of values less than 0.0616712
Minimum 0.es less than 0.0755584	Maximum 0.153477	
Mean 0.0206077	SD 0.0271812	Variance 0.000738819

EC16-EC21 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 3.00149E-008	10% of values less than 1.72944E-006	25% of values less than 4.72575E-005
50% of values less than 0.000764838	75% of values less than 0.00349517	90% of values less than 0.00719515
Minimum 0.000102102	Maximum 0.0224345	
Mean 0.00246046	SD 0.00365619	Variance 1.33678E-005

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.108943	10% of values less than 0.240712	25% of values less than 0.832792
50% of values less than 1.86177	75% of values less than 2.76529	90% of values less than 3.52786
Minimum 0.05 less than 3.80551	Maximum 4.91312	
Mean 1.85633	SD 1.18844	Variance 1.41238

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.198811	10% of values less than 0.439568	25% of values less than 1.5073
50% of values less than 3.30145	75% of values less than 5.04853	90% of values less than 6.2545
Minimum 0.05 less than 6.73232	Maximum 8.06655	
Mean 3.34364	SD 2.11037	Variance 4.45366

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Naphthalene

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 4.09688E+007	10% of values less than 4.27447E+007	25% of values less than 4.65346E+007
50% of values less than 5.15569E+007	75% of values less than 5.69076E+007	90% of values less than 6.26326E+007
Minimum 3.62629E+0076.55401E+007	Maximum 7.68574E+007	
Mean 5.21257E+007	SD 7.5444E+006	Variance 5.69179E+013

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Trichloroethene (TCE)

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.0333875	10% of values less than 0.105278	25% of values less than 0.429154
50% of values less than 1.08175	75% of values less than 1.92583	90% of values less than 2.56424
Minimum 0.05 less than 2.93184	Maximum 3.98157	
Mean 1.23352	SD 0.92684	Variance 0.859033

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.0810008	10% of values less than 0.251677	25% of values less than 1.10142
50% of values less than 2.83749	75% of values less than 4.8932	90% of values less than 6.97068
Minimum 0.05 less than 8.36746	Maximum 15.2311	
Mean 3.30715	SD 2.68075	Variance 7.1864

EC10-EC12 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0264504	90% of values less than 0.0672529
Minimum 0.0828185	Maximum 0.151603	
Mean 0.0169983	SD 0.0291142	Variance 0.000847639

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.35141	90% of values less than 3.44171
Minimum 0.31654	Maximum 9.93277	
Mean 0.885891	SD 1.55404	Variance 2.41504

EC12-EC16 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0264504	90% of values less than 0.0672529
Minimum 0.0828185	Maximum 0.151603	
Mean 0.0169983	SD 0.0291142	Variance 0.000847639

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 2.67929	90% of values less than 6.82647
Minimum 0.54673	Maximum 19.7139	
Mean 1.75478	SD 3.07938	Variance 9.48261

EC16-EC21 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0264504	90% of values less than 0.0672529
Minimum 0.0828185	Maximum 0.151603	
Mean 0.0169983	SD 0.0291142	Variance 0.000847639

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 8.52195	90% of values less than 21.6963
Minimum 0.1596	Maximum 62.7511	
Mean 5.57791	SD 9.79092	Variance 95.8621

1,2-Dichloroethene (1,2-DCE)

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 8.82656E-017
50% of values less than 1.37426E-012	75% of values less than 2.01746E-010	90% of values less than 2.48409E-009
Minimum 0.es less than 5.79705E-009	Maximum 6.42635E-008	
Mean 1.2176E-009	SD 4.87206E-009	Variance 2.3737E-017

Naphthalene

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 2.09246E-005	10% of values less than 0.000140526	25% of values less than 0.00198863
50% of values less than 0.0103689	75% of values less than 0.036234	90% of values less than 0.0800066
Minimum 2.36458E-009 0.124331	Maximum 0.345029	
Mean 0.0289853	SD 0.0456887	Variance 0.00208745

EC10-EC12 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 3.44791E-017	75% of values less than 2.86264E-013	90% of values less than 9.32957E-011
Minimum 0.es less than 8.68605E-010	Maximum 2.5808E-008	
Mean 3.6157E-010	SD 2.068E-009	Variance 4.27662E-018

EC12-EC16 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.23811E-016	75% of values less than 1.89047E-012	90% of values less than 7.18277E-010
Minimum 0.es less than 6.50871E-009	Maximum 1.58073E-007	
Mean 3.11937E-009	SD 1.68889E-008	Variance 2.85235E-016

EC16-EC21 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.01668E-017	75% of values less than 1.60634E-013	90% of values less than 5.52473E-011
Minimum 0.es less than 5.24164E-010	Maximum 1.30877E-008	
Mean 2.39934E-010	SD 1.28635E-009	Variance 1.6547E-018

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.1992	10% of values less than 3.51782	25% of values less than 4.18523
50% of values less than 5.16049	75% of values less than 6.18342	90% of values less than 7.04577
Minimum 2.83566s than 7.44719	Maximum 9.25791	
Mean 5.23019	SD 1.31119	Variance 1.71922

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 5.77538	10% of values less than 6.30072	25% of values less than 7.50039
50% of values less than 9.39199	75% of values less than 11.2841	90% of values less than 12.6646
Minimum 4.90243s than 13.4201	Maximum 17.6993	
Mean 9.48515	SD 2.43267	Variance 5.91788

Naphthalene

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.89097	10% of values less than 1.93606	25% of values less than 2.04884
50% of values less than 2.20793	75% of values less than 2.4852	90% of values less than 2.83618
Minimum 1.78451s than 2.99303	Maximum 3.57227	
Mean 2.30415	SD 0.347097	Variance 0.120476

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 90.6049	10% of values less than 93.8999	25% of values less than 101.645
50% of values less than 114.114	75% of values less than 129.961	90% of values less than 155.683
Minimum 80.7318s than 177.723	Maximum 252.223	
Mean 120.284	SD 27.5747	Variance 760.364

Trichloroethene (TCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.03983	10% of values less than 3.18093	25% of values less than 3.68045
50% of values less than 4.39953	75% of values less than 5.25277	90% of values less than 5.95017
Minimum 2.78505s than 6.38886	Maximum 7.82765	
Mean 4.52248	SD 1.0459	Variance 1.09391

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 6.04345	10% of values less than 6.90314	25% of values less than 8.82007
50% of values less than 11.6613	75% of values less than 15.2539	90% of values less than 18.8524
Minimum 4.14013s than 21.064	Maximum 30.0878	
Mean 12.3043	SD 4.63365	Variance 21.4707

EC10-EC12 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.89097	10% of values less than 1.93606	25% of values less than 2.04884
50% of values less than 2.20793	75% of values less than 2.4852	90% of values less than 2.83618
Minimum 1.78451s than 2.99303	Maximum 3.57227	
Mean 2.30415	SD 0.347097	Variance 0.120476

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 90.6049	10% of values less than 93.8999	25% of values less than 101.645
50% of values less than 114.114	75% of values less than 129.961	90% of values less than 155.683
Minimum 80.7318s than 177.723	Maximum 252.223	
Mean 120.284	SD 27.5747	Variance 760.364

EC12-EC16 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.89097	10% of values less than 1.93606	25% of values less than 2.04884
50% of values less than 2.20793	75% of values less than 2.4852	90% of values less than 2.83618
Minimum 1.78451s than 2.99303	Maximum 3.57227	
Mean 2.30415	SD 0.347097	Variance 0.120476

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 179.004	10% of values less than 185.697	25% of values less than 201.077
50% of values less than 226.01	75% of values less than 257.369	90% of values less than 308.837
Minimum 159.386s than 352.807	Maximum 501.165	
Mean 238.265	SD 54.9014	Variance 3014.16

EC16-EC21 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.89097	10% of values less than 1.93606	25% of values less than 2.04884
50% of values less than 2.20793	75% of values less than 2.4852	90% of values less than 2.83618
Minimum 1.78451s than 2.99303	Maximum 3.57227	
Mean 2.30415	SD 0.347097	Variance 0.120476

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 568.242	10% of values less than 590.212	25% of values less than 638.781
50% of values less than 718.076	75% of values less than 817.96	90% of values less than 982.665
Minimum 505.463s than 1123.18	Maximum 1596.51	
Mean 757.377	SD 175.141	Variance 30674.3

1,2-Dichloroethene (1,2-DCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 1.22368E-007	10% of values less than 2.62229E-007	25% of values less than 8.64971E-007
50% of values less than 3.16868E-006	75% of values less than 9.16429E-006	90% of values less than 1.94957E-005
Minimum 2.2184E-009n 2.52678E-005	Maximum 5.41666E-005	
Mean 6.6296E-006	SD 8.42452E-006	Variance 7.09726E-011

Naphthalene

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 8.64795E-013	10% of values less than 4.34692E-012	25% of values less than 1.04499E-010
50% of values less than 2.71848E-009	75% of values less than 2.98767E-008	90% of values less than 1.60364E-007
Minimum 3.46708E-017 3.2339E-007	Maximum 1.3208E-006	
Mean 5.73475E-008	SD 1.54746E-007	Variance 2.39462E-014

Trichloroethene (TCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 1.92008E-007	10% of values less than 2.44218E-006	25% of values less than 5.43612E-005
50% of values less than 0.00100058	75% of values less than 0.00830599	90% of values less than 0.0304506
Minimum 2.80055E-013 0.054002	Maximum 0.209295	
Mean 0.0100763	SD 0.0225939	Variance 0.000510482

EC10-EC12 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 8.25426E-012	10% of values less than 5.31807E-011	25% of values less than 9.49044E-010
50% of values less than 2.79015E-008	75% of values less than 3.04854E-007	90% of values less than 1.26417E-006
Minimum 1.07161E-016 2.16168E-006	Maximum 1.64121E-005	
Mean 4.73592E-007	SD 1.34387E-006	Variance 1.80599E-012

EC12-EC16 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0.000275286	10% of values less than 0.0004618	25% of values less than 0.000877058
50% of values less than 0.0017812	75% of values less than 0.00341978	90% of values less than 0.00538519
Minimum 3.27599E-005 0.00655324	Maximum 0.0128171	
Mean 0.00242275	SD 0.00205593	Variance 4.22685E-006

EC16-EC21 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 5.06485E-009	25% of values less than 9.10982E-008
50% of values less than 4.78781E-007	75% of values less than 1.55719E-006	90% of values less than 3.8412E-006
Minimum 0.es less than 5.68933E-006	Maximum 1.85492E-005	
Mean 1.33017E-006	SD 2.2406E-006	Variance 5.02028E-012

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 3.19641	10% of values less than 3.51475	25% of values less than 4.18244
50% of values less than 5.15759	75% of values less than 6.18049	90% of values less than 7.04269
Minimum 2.833ess than 7.44369	Maximum 9.25375	
Mean 5.22708	SD 1.31099	Variance 1.71869

Retarded Travel Time to DCE Receptor [years]

05% of values less than 5.77029	10% of values less than 6.29533	25% of values less than 7.49562
50% of values less than 9.38689	75% of values less than 11.279	90% of values less than 12.6594
Minimum 4.89793s than 13.4135	Maximum 17.6895	
Mean 9.4795	SD 2.43216	Variance 5.9154

Naphthalene

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.88854	10% of values less than 1.93351	25% of values less than 2.04605
50% of values less than 2.20516	75% of values less than 2.48185	90% of values less than 2.83257
Minimum 1.7821ss than 2.98942	Maximum 3.56811	
Mean 2.30127	SD 0.346711	Variance 0.120209

Retarded Travel Time to DCE Receptor [years]

05% of values less than 90.4971	10% of values less than 93.7769	25% of values less than 101.517
50% of values less than 113.97	75% of values less than 129.788	90% of values less than 155.48
Minimum 80.6284s than 177.484	Maximum 251.887	
Mean 120.134	SD 27.542	Variance 758.561

Trichloroethene (TCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 3.03721	10% of values less than 3.17814	25% of values less than 3.67718
50% of values less than 4.39684	75% of values less than 5.2501	90% of values less than 5.94708
Minimum 2.78238s than 6.38568	Maximum 7.82306	
Mean 4.51937	SD 1.04567	Variance 1.09342

Retarded Travel Time to DCE Receptor [years]

05% of values less than 6.03852	10% of values less than 6.89663	25% of values less than 8.81304
50% of values less than 11.6549	75% of values less than 15.2433	90% of values less than 18.8343
Minimum 4.13659s than 21.0483	Maximum 30.0646	
Mean 12.2958	SD 4.63115	Variance 21.4476

EC10-EC12 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.88854	10% of values less than 1.93351	25% of values less than 2.04605
50% of values less than 2.20516	75% of values less than 2.48185	90% of values less than 2.83257
Minimum 1.7821ss than 2.98942	Maximum 3.56811	
Mean 2.30127	SD 0.346711	Variance 0.120209

Retarded Travel Time to DCE Receptor [years]

05% of values less than 90.4971	10% of values less than 93.7769	25% of values less than 101.517
50% of values less than 113.97	75% of values less than 129.788	90% of values less than 155.48
Minimum 80.6284s than 177.484	Maximum 251.887	
Mean 120.134	SD 27.542	Variance 758.561

EC12-EC16 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.88854	10% of values less than 1.93351	25% of values less than 2.04605
50% of values less than 2.20516	75% of values less than 2.48185	90% of values less than 2.83257
Minimum 1.7821ss than 2.98942	Maximum 3.56811	
Mean 2.30127	SD 0.346711	Variance 0.120209

Retarded Travel Time to DCE Receptor [years]

05% of values less than 178.791	10% of values less than 185.443	25% of values less than 200.842
50% of values less than 225.731	75% of values less than 257.025	90% of values less than 308.457
Minimum 159.182s than 352.332	Maximum 500.497	
Mean 237.967	SD 54.8362	Variance 3007.01

EC16-EC21 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.88854	10% of values less than 1.93351	25% of values less than 2.04605
50% of values less than 2.20516	75% of values less than 2.48185	90% of values less than 2.83257
Minimum 1.7821ss than 2.98942	Maximum 3.56811	
Mean 2.30127	SD 0.346711	Variance 0.120209

Retarded Travel Time to DCE Receptor [years]

05% of values less than 567.465	10% of values less than 589.406	25% of values less than 637.98
50% of values less than 717.168	75% of values less than 816.869	90% of values less than 981.433
Minimum 504.816s than 1121.67	Maximum 1594.38	
Mean 756.43	SD 174.933	Variance 30601.5

1,2-Dichloroethene (1,2-DCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.87285E-007	10% of values less than 3.94195E-007	25% of values less than 1.27318E-006
50% of values less than 4.5868E-006	75% of values less than 1.31972E-005	90% of values less than 2.75159E-005
Minimum 3.76592E-009 3.64649E-005	Maximum 6.7796E-005	
Mean 9.57053E-006	SD 1.19116E-005	Variance 1.41887E-010

Naphthalene

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 3.16599E-013	10% of values less than 1.47607E-012	25% of values less than 4.09392E-011
50% of values less than 9.92294E-010	75% of values less than 1.0844E-008	90% of values less than 5.61591E-008
Minimum 1.55329E-017 1.32145E-007	Maximum 4.88755E-007	
Mean 2.17966E-008	SD 6.04625E-008	Variance 3.65572E-015

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Trichloroethene (TCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 4.51206E-007	10% of values less than 5.04202E-006	25% of values less than 0.000104913
50% of values less than 0.00152639	75% of values less than 0.01249	90% of values less than 0.043671
Minimum 2.3461E-012n 0.0853139	Maximum 0.25644	
Mean 0.0148662	SD 0.0334373	Variance 0.00111806

EC10-EC12 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 3.4829E-012	10% of values less than 1.73606E-011	25% of values less than 3.89123E-010
50% of values less than 1.0234E-008	75% of values less than 1.22629E-007	90% of values less than 4.77991E-007
Minimum 3.99194E-017 9.47871E-007	Maximum 4.80192E-006	
Mean 1.78549E-007	SD 4.91407E-007	Variance 2.41481E-013

EC12-EC16 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 9.94171E-005	10% of values less than 0.000158878	25% of values less than 0.000332138
50% of values less than 0.000694695	75% of values less than 0.00138865	90% of values less than 0.00229628
Minimum 1.39377E-005 0.00285904	Maximum 0.00706817	
Mean 0.000989369	SD 0.000917689	Variance 8.42153E-007

EC16-EC21 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 2.3188E-009	25% of values less than 3.45765E-008
50% of values less than 1.75527E-007	75% of values less than 5.87723E-007	90% of values less than 1.42802E-006
Minimum 0.es less than 2.23052E-006	Maximum 7.7586E-006	
Mean 5.13641E-007	SD 8.87253E-007	Variance 7.87218E-013

Aquifer Flow [m³/yr]

Boiler House Aromatics

05% of values less than 11945.7	10% of values less than 14379.3	25% of values less than 17186.3
50% of values less than 20212.6	75% of values less than 21883.4	90% of values less than 22398.9
Minimum 9497.99s than 22577	Maximum 22737.8	
Mean 19175.4	SD 3292.85	Variance 1.08428E+007

ETP Aromatics

05% of values less than 7146.78	10% of values less than 8602.78	25% of values less than 10282.1
50% of values less than 12092.7	75% of values less than 13092.3	90% of values less than 13400.7
Minimum 5682.41s than 13507.2	Maximum 13603.4	
Mean 11472.2	SD 1970.03	Variance 3.881E+006

Tank Farm Aromatics

05% of values less than 15519.7	10% of values less than 18681.5	25% of values less than 22328.3
50% of values less than 26260	75% of values less than 28430.7	90% of values less than 29100.4
Minimum 12339.7s than 29331.8	Maximum 29540.8	
Mean 24912.5	SD 4278.04	Variance 1.83016E+007

DCE Tank Farm Lagoon

05% of values less than 6652.86	10% of values less than 8008.23	25% of values less than 9571.52
50% of values less than 11256.9	75% of values less than 12187.5	90% of values less than 12474.5
Minimum 5289.69s than 12573.7	Maximum 12663.3	
Mean 10679.3	SD 1833.87	Variance 3.36309E+006

TCE Tank Farm Lagoon

05% of values less than 6717.95	10% of values less than 8086.59	25% of values less than 9665.17
50% of values less than 11367.1	75% of values less than 12306.7	90% of values less than 12596.6
Minimum 5341.44s than 12696.8	Maximum 12787.2	
Mean 10783.8	SD 1851.82	Variance 3.42923E+006

Aquifer Flow [m³/yr]

TCE Waste Chip Plant

05% of values less than 6662.26	10% of values less than 8019.54	25% of values less than 9585.04
50% of values less than 11272.8	75% of values less than 12204.7	90% of values less than 12492.2
Minimum 5297.16s than 12591.5	Maximum 12681.2	
Mean 10694.4	SD 1836.46	Variance 3.3726E+006

Appendix G.5

SENSITIVITY MODEL B2 - INPUTS AND RESULTS



Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Project Details

Title: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Prepared By: WSP

Date: 2024-04-09 14:58:41

Client Name: Ford Motor Company

Comments:

Soil source model with UCL95 source concentrations. Hazardous substances - Level 2 model. Level 3 model for non-hazardous substances

Consim version 2.05

Simulation Level

Level 3

Simulation Parameters

Iterations 1001

Timeslices:1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000

Water Quality Standard

User Defined

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

Boiler House Aromatics

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] SINGLE(0.001)

Infiltration

Infiltration [mm/year] UNIFORM(288,352)

Source Inventory:

Naphthalene

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(7.108)

Organic

koc [ml/g] SINGLE(2500)

Calculate kd

Henry's Law Constant SINGLE(0.049)

Maximum Solubility [mg/l] SINGLE(32.9)

EC10-EC12 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(60.704)

Organic

koc [ml/g] SINGLE(2500)

Calculate kd

Henry's Law Constant SINGLE(0.49)

Maximum Solubility [mg/l] SINGLE(25)

EC12-EC16 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(280.918)

Organic

koc [ml/g] SINGLE(5000)

Calculate kd

Henry's Law Constant SINGLE(0.054)

Maximum Solubility [mg/l] SINGLE(5.8)

EC16-EC21 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(1101.42)

Organic

koc [ml/g] SINGLE(16000)

Calculate kd

Henry's Law Constant SINGLE(0.013)

Maximum Solubility [mg/l] SINGLE(0.65)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

Active

Porous Medium

Thickness [m] UNIFORM(0.001,2)

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Vertical Dispersivity [m] UNIFORM(0.0001,0.2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Water Filled Porosity [fraction] UNIFORM(0.159,0.239)

Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

Naphthalene

koc [ml/g] SINGLE(2500)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(1.096,3.29)

EC10-EC12 Aromatics

koc [ml/g] SINGLE(2500)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(1.096,3.29)

EC12-EC16 Aromatics

koc [ml/g] SINGLE(5000)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(17.6,34)

EC16-EC21 Aromatics

koc [ml/g] SINGLE(16000)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(17.6,34)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

ETP Aromatics

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] SINGLE(0.001)

Infiltration

Infiltration [mm/year] UNIFORM(128,154)

Source Inventory:*EC10-EC12 Aromatics*

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(14.9)

Organic

koc [ml/g] SINGLE(2500)

Calculate kd

Henry's Law Constant SINGLE(0.49)

Maximum Solubility [mg/l] SINGLE(25)

EC12-EC16 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(105)

Organic

koc [ml/g] SINGLE(5000)

Calculate kd

Henry's Law Constant SINGLE(0.054)

Maximum Solubility [mg/l] SINGLE(5.8)

EC16-EC21 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(372)

Organic

koc [ml/g] SINGLE(16000)

Calculate kd

Henry's Law Constant SINGLE(0.013)

Maximum Solubility [mg/l] SINGLE(0.65)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

Active
 Porous Medium
 Thickness [m] UNIFORM(0.001,2)
 Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)
 Vertical Dispersivity [m] UNIFORM(0.0001,0.2)
 Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)
 Water Filled Porosity [fraction] UNIFORM(0.159,0.239)
 Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

EC10-EC12 Aromatics
 koc [ml/g] SINGLE(2500) Calculate kd
 Simulate Degradation in Dissolved and sorbed phases
 Halflife [years] UNIFORM(1.096,3.29)

EC12-EC16 Aromatics
 koc [ml/g] SINGLE(5000) Calculate kd
 Simulate Degradation in Dissolved and sorbed phases
 Halflife [years] UNIFORM(17.6,34)

EC16-EC21 Aromatics
 koc [ml/g] SINGLE(16000) Calculate kd
 Simulate Degradation in Dissolved and sorbed phases
 Halflife [years] UNIFORM(17.6,34)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

Tank Farm Aromatics

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] SINGLE(0.001)

Infiltration

Infiltration [mm/year] UNIFORM(128,154)

Source Inventory:

EC10-EC12 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(11.362)

Organic

koc [ml/g] SINGLE(2500)

Calculate kd

Henry's Law Constant SINGLE(0.49)

Maximum Solubility [mg/l] SINGLE(25)

EC12-EC16 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(45.568)

Organic

koc [ml/g] SINGLE(5000)

Calculate kd

Henry's Law Constant SINGLE(0.054)

Maximum Solubility [mg/l] SINGLE(5.8)

EC16-EC21 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(97.354)

Organic

koc [ml/g] SINGLE(16000)

Calculate kd

Henry's Law Constant SINGLE(0.013)

Maximum Solubility [mg/l] SINGLE(0.65)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

Active

Porous Medium

Thickness [m] UNIFORM(0.001,2)

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Vertical Dispersivity [m] UNIFORM(0.0001,0.2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Water Filled Porosity [fraction] UNIFORM(0.159,0.239)

Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

EC10-EC12 Aromatics

koc [ml/g] SINGLE(2500) Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(1.096,3.29)

EC12-EC16 Aromatics

koc [ml/g] SINGLE(5000) Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(17.6,34)

EC16-EC21 Aromatics

koc [ml/g] SINGLE(16000) Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(17.6,34)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

DCE Tank Farm Lagoon

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] UNIFORM(0.001,2)

Infiltration

Infiltration [mm/year] UNIFORM(128,154)

Source Inventory:

1,2-Dichloroethene (1,2-DCE)

Measured as Total Concentration in Soil

Organic

koc [ml/g] SINGLE(40)

Henry's Law Constant SINGLE(0.0419)

Concentration [mg/kg] SINGLE(0.9768)

Calculate kd

Maximum Solubility [mg/l] SINGLE(500)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

Active

Porous Medium

Thickness [m] UNIFORM(0.001,2)

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Vertical Dispersivity [m] UNIFORM(0.0001,0.2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Water Filled Porosity [fraction] UNIFORM(0.159,0.239)

Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

1,2-Dichloroethene (1,2-DCE)

koc [ml/g] SINGLE(40)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] SINGLE(1e+009)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

TCE Tank Farm Lagoon

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] UNIFORM(0.001,2)

Infiltration

Infiltration [mm/year] UNIFORM(128,154)

Source Inventory:

Trichloroethene (TCE)

Measured as Total Concentration in Soil

Organic

koc [ml/g] UNIFORM(18,152)

Henry's Law Constant SINGLE(0.417)

Concentration [mg/kg] SINGLE(69.948)

Calculate kd

Maximum Solubility [mg/l] SINGLE(1100)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

Active

Porous Medium

Thickness [m] UNIFORM(0.001,2)

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Vertical Dispersivity [m] UNIFORM(0.0001,0.2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Water Filled Porosity [fraction] UNIFORM(0.159,0.239)

Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

Trichloroethene (TCE)

koc [ml/g] UNIFORM(18,152)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(0.27,2.74)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

TCE Waste Chip Plant

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] UNIFORM(0.001,2)

Infiltration

Infiltration [mm/year] UNIFORM(128,154)

Source Inventory:

Trichloroethene (TCE)

Measured as Total Concentration in Soil

Organic

koc [ml/g] UNIFORM(18,152)

Henry's Law Constant SINGLE(0.417)

Concentration [mg/kg] SINGLE(4.976)

Calculate kd

Maximum Solubility [mg/l] SINGLE(1100)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

Active

Porous Medium

Thickness [m] UNIFORM(0.001,2)

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Vertical Dispersivity [m] UNIFORM(0.0001,0.2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Water Filled Porosity [fraction] UNIFORM(0.159,0.239)

Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

Trichloroethene (TCE)

koc [ml/g] UNIFORM(18,152)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(0.27,2.74)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Aquifer Pathway

Thickness [m] UNIFORM(5,9)

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Mixing Zone Thickness [m] SINGLE(5)

Hydraulic Conductivity [m/s] UNIFORM(8e-005,0.0005)

Effective Porosity [fraction] UNIFORM(0.159,0.239)

Hydraulic Gradient UNIFORM(0.002,0.007)

Groundwater Flow Direction (degrees), 337.00

Longitudinal Dispersivity [m] SINGLE(46)

Lateral Dispersivity [m] SINGLE(13.8)

Contaminant Inventory

1,2-Dichloroethene (1,2-DCE)

koc [ml/g] SINGLE(40)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(0.22,0.47)

Naphthalene

koc [ml/g] SINGLE(2500)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(1.096,3.29)

Trichloroethene (TCE)

koc [ml/g] UNIFORM(18,152)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(0.27,2.74)

EC10-EC12 Aromatics

koc [ml/g] SINGLE(2500)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(1.096,3.29)

EC12-EC16 Aromatics

koc [ml/g] SINGLE(5000)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(17.6,34)

EC16-EC21 Aromatics

koc [ml/g] SINGLE(16000)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(17.6,34)

Receptor

Boiler House Aromatics Receptor	X 293472.640286	Y 178424.050637
ETP Aromatics Receptor	X 293553.750982	Y 178327.201215
Tank Farm Aromatics Receptor	X 293444.036173	Y 178223.136600
DCE Tank Farm Lagoon Receptor	X 293463.491689	Y 178227.205234
TCE Tank Farm Lagoon Receptor	X 293412.593288	Y 178205.892135
TCE Waste Chip Plant Receptor	X 293213.024892	Y 178130.027975
Naphthalene Receptor	X 293305.967350	Y 178838.047340
DCE Receptor	X 293185.413142	Y 178783.263144

Input Correlations

porosity to K	1
K to i	-1

Boiler House Aromatics - Naphthalene

Concentration at Source [mg/l] - 1000 years

05% of values less than 1.08501	10% of values less than 1.09558	25% of values less than 1.12565
50% of values less than 1.18327	75% of values less than 1.24894	90% of values less than 1.29054
Minimum 1.07238s than 1.30703	Maximum 1.32461	
Mean 1.18859	SD 0.071169	Variance 0.00506502

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 9.21847	10% of values less than 9.2979	25% of values less than 9.54905
50% of values less than 10.0381	75% of values less than 10.5818	90% of values less than 10.9307
Minimum 9.09061s than 11.0766	Maximum 11.2634	
Mean 10.0781	SD 0.598908	Variance 0.35869

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 5.8	10% of values less than 5.8	25% of values less than 5.8
50% of values less than 5.8	75% of values less than 5.8	90% of values less than 5.8
Minimum 5.8s less than 5.8	Maximum 5.8	
Mean 5.8	SD 1.27964E-006	Variance -1.63749E-012

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 0.65	10% of values less than 0.65	25% of values less than 0.65
50% of values less than 0.65	75% of values less than 0.65	90% of values less than 0.65
Minimum 0.65 less than 0.65	Maximum 0.65	
Mean 0.65	SD 1.58678E-007	Variance 2.51787E-014

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0

50% of values less than 0	75% of values less than 0	90% of values less than 0

Minimum 0.000312186	Maximum 0.000312186

Mean 4.46552E-007	SD 1.07441E-005	Variance 1.15435E-010

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0

50% of values less than 0	75% of values less than 0	90% of values less than 0

Minimum 0.0151508	Maximum 0.0151508

Mean 2.3453E-005	SD 0.000546181	Variance 2.98314E-007

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000312186	Maximum 0.000312186	
Mean 4.46552E-007	SD 1.07441E-005	Variance 1.15435E-010

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0151508	Maximum 0.0151508	
Mean 2.3453E-005	SD 0.000546181	Variance 2.98314E-007

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000312186	Maximum 0.000312186	
Mean 4.46552E-007	SD 1.07441E-005	Variance 1.15435E-010

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0299895	Maximum 0.0299895	
Mean 4.64595E-005	SD 0.00108167	Variance 1.17E-006

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.000312186	
Mean 4.46552E-007	SD 1.07441E-005	Variance 1.15435E-010

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.0952795	
Mean 0.000147688	SD 0.00343781	Variance 1.18185E-005

Boiler House Aromatics - Naphthalene

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 1.07837	10% of values less than 1.08824	25% of values less than 1.11778
50% of values less than 1.17561	75% of values less than 1.2408	90% of values less than 1.28177
Minimum 1.06046s than 1.29768	Maximum 1.31981	
Mean 1.18035	SD 0.0705621	Variance 0.00497901

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 9.15412	10% of values less than 9.23918	25% of values less than 9.48061
50% of values less than 9.96478	75% of values less than 10.5085	90% of values less than 10.8528
Minimum 9.00889s than 10.9972	Maximum 11.1906	
Mean 10.0083	SD 0.594632	Variance 0.353588

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 5.78762	10% of values less than 5.78842	25% of values less than 5.78986
50% of values less than 5.79139	75% of values less than 5.79253	90% of values less than 5.79337
Minimum 5.78351s than 5.79373	Maximum 5.79476	
Mean 5.79111	SD 0.00189364	Variance 3.58588E-006

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 0.646109	10% of values less than 0.646452	25% of values less than 0.646985
50% of values less than 0.647461	75% of values less than 0.647797	90% of values less than 0.648045
Minimum 0.644711 than 0.64817	Maximum 0.648503	
Mean 0.647337	SD 0.000631336	Variance 3.98585E-007

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - Naphthalene

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.110554	10% of values less than 0.114049	25% of values less than 0.122966
50% of values less than 0.13498	75% of values less than 0.1518	90% of values less than 0.190882
Minimum 0.101238 than 0.215637	Maximum 0.285409	
Mean 0.14341	SD 0.0316213	Variance 0.000999909

Boiler House Aromatics - EC10-EC12 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.936881	10% of values less than 0.96907	25% of values less than 1.03964
50% of values less than 1.14276	75% of values less than 1.28411	90% of values less than 1.61606
Minimum 0.860181 than 1.83319	Maximum 2.42582	
Mean 1.216	SD 0.268131	Variance 0.0718943

Boiler House Aromatics - EC12-EC16 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.555178	10% of values less than 0.574459	25% of values less than 0.606464
50% of values less than 0.652989	75% of values less than 0.743155	90% of values less than 0.934165
Minimum 0.538809	Maximum 1.31438	
Mean 0.703808	SD 0.150528	Variance 0.0226587

Boiler House Aromatics - EC16-EC21 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0620915	10% of values less than 0.0641781	25% of values less than 0.0677777
50% of values less than 0.0729676	75% of values less than 0.082989	90% of values less than 0.104532
Minimum 0.06018121an 0.119487	Maximum 0.147122	
Mean 0.0786723	SD 0.0168254	Variance 0.000283095

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0916317	90% of values less than 0.153595
Minimum 0.05 less than 0.17396	Maximum 0.279543	
Mean 0.0475164	SD 0.0645416	Variance 0.00416562

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 4.63679	90% of values less than 7.78695
Minimum 0.05 less than 9.07938	Maximum 17.2733	
Mean 2.46438	SD 3.41275	Variance 11.6468

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0916317	90% of values less than 0.153595
Minimum 0.05 less than 0.17396	Maximum 0.279543	
Mean 0.0475164	SD 0.0645416	Variance 0.00416562

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 4.63679	90% of values less than 7.78695
Minimum 0.05 less than 9.07938	Maximum 17.2733	
Mean 2.46438	SD 3.41275	Variance 11.6468

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0916317	90% of values less than 0.153595
Minimum 0.05 less than 0.17396	Maximum 0.279543	
Mean 0.0475164	SD 0.0645416	Variance 0.00416562

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 9.18786	90% of values less than 15.4024
Minimum 0.05 less than 18.0015	Maximum 34.2802	
Mean 4.88125	SD 6.76216	Variance 45.7269

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0916317	90% of values less than 0.153595
Minimum 0.05 less than 0.17396	Maximum 0.279543	
Mean 0.0475164	SD 0.0645416	Variance 0.00416562

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 29.2165	90% of values less than 48.9104
Minimum 0.05 less than 57.2587	Maximum 109.111	
Mean 15.5155	SD 21.4996	Variance 462.235

Boiler House Aromatics - Naphthalene

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00165876	10% of values less than 0.0025096	25% of values less than 0.00480759
50% of values less than 0.0110822	75% of values less than 0.0282134	90% of values less than 0.054118
Minimum 2.92607E-005 0.078248	Maximum 0.151102	
Mean 0.020958	SD 0.0250192	Variance 0.00062596

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0130097	10% of values less than 0.0188919	25% of values less than 0.0374207
50% of values less than 0.0905208	75% of values less than 0.233682	90% of values less than 0.479199
Minimum 0.000221829	Maximum 1.356	
Mean 0.177253	SD 0.213498	Variance 0.0455812

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0323512	10% of values less than 0.0466205	25% of values less than 0.0914634
50% of values less than 0.196201	75% of values less than 0.328915	90% of values less than 0.474449
Minimum 0.000149292	Maximum 0.910585	
Mean 0.22935	SD 0.169017	Variance 0.0285668

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00186684	10% of values less than 0.00272077	25% of values less than 0.00516449
50% of values less than 0.0108773	75% of values less than 0.0225446	90% of values less than 0.0395888
Minimum 1.54248E-005 0.0515627	Maximum 0.0887905	
Mean 0.0164754	SD 0.0157367	Variance 0.000247644

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 4.05967E+007	10% of values less than 4.24182E+007	25% of values less than 4.58735E+007
50% of values less than 5.11072E+007	75% of values less than 5.6236E+007	90% of values less than 6.20168E+007
Minimum 3.62922E+0076.5045E+007	Maximum 7.34333E+007	
Mean 5.15841E+007	SD 7.47309E+006	Variance 5.5847E+013

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 4.05967E+007	10% of values less than 4.24182E+007	25% of values less than 4.58735E+007
50% of values less than 5.11072E+007	75% of values less than 5.6236E+007	90% of values less than 6.20168E+007
Minimum 3.62922E+0076.5045E+007	Maximum 7.34333E+007	
Mean 5.15841E+007	SD 7.47309E+006	Variance 5.5847E+013

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 8.01934E+007	10% of values less than 8.38364E+007	25% of values less than 9.07469E+007
50% of values less than 1.01214E+008	75% of values less than 1.11472E+008	90% of values less than 1.23034E+008
Minimum 7.15844E+0071.2909E+008	Maximum 1.45867E+008	
Mean 1.02168E+008	SD 1.49462E+007	Variance 2.23388E+014

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 2.54419E+008	10% of values less than 2.66076E+008	25% of values less than 2.8819E+008
50% of values less than 3.21686E+008	75% of values less than 3.5451E+008	90% of values less than 3.91508E+008
Minimum 2.2687E+008\ 4.10888E+008	Maximum 4.64573E+008	
Mean 3.24738E+008	SD 4.78277E+007	Variance 2.28749E+015

Boiler House Aromatics - Naphthalene

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 4.05967E+007	10% of values less than 4.24182E+007	25% of values less than 4.58735E+007
50% of values less than 5.11072E+007	75% of values less than 5.6236E+007	90% of values less than 6.20168E+007
Minimum 3.62922E+0076.5045E+007	Maximum 7.34333E+007	
Mean 5.15841E+007	SD 7.47309E+006	Variance 5.5847E+013

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 4.05967E+007	10% of values less than 4.24182E+007	25% of values less than 4.58735E+007
50% of values less than 5.11072E+007	75% of values less than 5.6236E+007	90% of values less than 6.20168E+007
Minimum 3.62922E+0076.5045E+007	Maximum 7.34333E+007	
Mean 5.15841E+007	SD 7.47309E+006	Variance 5.5847E+013

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 8.01934E+007	10% of values less than 8.38364E+007	25% of values less than 9.07469E+007
50% of values less than 1.01214E+008	75% of values less than 1.11472E+008	90% of values less than 1.23034E+008
Minimum 7.15844E+0071.2909E+008	Maximum 1.45867E+008	
Mean 1.02168E+008	SD 1.49462E+007	Variance 2.23388E+014

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 2.54419E+008	10% of values less than 2.66076E+008	25% of values less than 2.8819E+008
50% of values less than 3.21686E+008	75% of values less than 3.5451E+008	90% of values less than 3.91508E+008
Minimum 2.2687E+008\ 4.10888E+008	Maximum 4.64573E+008	
Mean 3.24738E+008	SD 4.78277E+007	Variance 2.28749E+015

Boiler House Aromatics - Naphthalene

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 4.05967E+007	10% of values less than 4.24182E+007	25% of values less than 4.58735E+007
50% of values less than 5.11072E+007	75% of values less than 5.6236E+007	90% of values less than 6.20168E+007
Minimum 3.62922E+0076.5045E+007	Maximum 7.34333E+007	
Mean 5.15841E+007	SD 7.47309E+006	Variance 5.5847E+013

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 4.05967E+007	10% of values less than 4.24182E+007	25% of values less than 4.58735E+007
50% of values less than 5.11072E+007	75% of values less than 5.6236E+007	90% of values less than 6.20168E+007
Minimum 3.62922E+0076.5045E+007	Maximum 7.34333E+007	
Mean 5.15841E+007	SD 7.47309E+006	Variance 5.5847E+013

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 8.01934E+007	10% of values less than 8.38364E+007	25% of values less than 9.07469E+007
50% of values less than 1.01214E+008	75% of values less than 1.11472E+008	90% of values less than 1.23034E+008
Minimum 7.15844E+0071.2909E+008	Maximum 1.45867E+008	
Mean 1.02168E+008	SD 1.49462E+007	Variance 2.23388E+014

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 2.54419E+008	10% of values less than 2.66076E+008	25% of values less than 2.8819E+008
50% of values less than 3.21686E+008	75% of values less than 3.5451E+008	90% of values less than 3.91508E+008
Minimum 2.2687E+008\ 4.10888E+008	Maximum 4.64573E+008	
Mean 3.24738E+008	SD 4.78277E+007	Variance 2.28749E+015

Boiler House Aromatics - Naphthalene

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 4.05967E+007	10% of values less than 4.24182E+007	25% of values less than 4.58735E+007
50% of values less than 5.11072E+007	75% of values less than 5.6236E+007	90% of values less than 6.20168E+007
Minimum 3.62922E+0076.5045E+007	Maximum 7.34333E+007	
Mean 5.15841E+007	SD 7.47309E+006	Variance 5.5847E+013

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 4.05967E+007	10% of values less than 4.24182E+007	25% of values less than 4.58735E+007
50% of values less than 5.11072E+007	75% of values less than 5.6236E+007	90% of values less than 6.20168E+007
Minimum 3.62922E+0076.5045E+007	Maximum 7.34333E+007	
Mean 5.15841E+007	SD 7.47309E+006	Variance 5.5847E+013

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 8.01934E+007	10% of values less than 8.38364E+007	25% of values less than 9.07469E+007
50% of values less than 1.01214E+008	75% of values less than 1.11472E+008	90% of values less than 1.23034E+008
Minimum 7.15844E+0071.2909E+008	Maximum 1.45867E+008	
Mean 1.02168E+008	SD 1.49462E+007	Variance 2.23388E+014

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 2.54419E+008	10% of values less than 2.66076E+008	25% of values less than 2.8819E+008
50% of values less than 3.21686E+008	75% of values less than 3.5451E+008	90% of values less than 3.91508E+008
Minimum 2.2687E+008\ 4.10888E+008	Maximum 4.64573E+008	
Mean 3.24738E+008	SD 4.78277E+007	Variance 2.28749E+015

Boiler House Aromatics - Naphthalene

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 4.05967E+007	10% of values less than 4.24182E+007	25% of values less than 4.58735E+007
50% of values less than 5.11072E+007	75% of values less than 5.6236E+007	90% of values less than 6.20168E+007
Minimum 3.62922E+0076.5045E+007	Maximum 7.34333E+007	
Mean 5.15841E+007	SD 7.47309E+006	Variance 5.5847E+013

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 4.05967E+007	10% of values less than 4.24182E+007	25% of values less than 4.58735E+007
50% of values less than 5.11072E+007	75% of values less than 5.6236E+007	90% of values less than 6.20168E+007
Minimum 3.62922E+0076.5045E+007	Maximum 7.34333E+007	
Mean 5.15841E+007	SD 7.47309E+006	Variance 5.5847E+013

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 8.01934E+007	10% of values less than 8.38364E+007	25% of values less than 9.07469E+007
50% of values less than 1.01214E+008	75% of values less than 1.11472E+008	90% of values less than 1.23034E+008
Minimum 7.15844E+0071.2909E+008	Maximum 1.45867E+008	
Mean 1.02168E+008	SD 1.49462E+007	Variance 2.23388E+014

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 2.54419E+008	10% of values less than 2.66076E+008	25% of values less than 2.8819E+008
50% of values less than 3.21686E+008	75% of values less than 3.5451E+008	90% of values less than 3.91508E+008
Minimum 2.2687E+008\ 4.10888E+008	Maximum 4.64573E+008	
Mean 3.24738E+008	SD 4.78277E+007	Variance 2.28749E+015

Boiler House Aromatics - Naphthalene

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.87359	10% of values less than 1.91764	25% of values less than 2.01972
50% of values less than 2.17697	75% of values less than 2.48157	90% of values less than 2.83725
Minimum 1.72367s than 3.05312	Maximum 3.77894	
Mean 2.28479	SD 0.362281	Variance 0.131247

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 88.7586	10% of values less than 91.6317	25% of values less than 99.9923
50% of values less than 110.289	75% of values less than 126.036	90% of values less than 158.807
Minimum 79.837ss than 184.697	Maximum 244.912	
Mean 118.174	SD 28.5081	Variance 812.713

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.87359	10% of values less than 1.91764	25% of values less than 2.01972
50% of values less than 2.17697	75% of values less than 2.48157	90% of values less than 2.83725
Minimum 1.72367s than 3.05312	Maximum 3.77894	
Mean 2.28479	SD 0.362281	Variance 0.131247

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 88.7586	10% of values less than 91.6317	25% of values less than 99.9923
50% of values less than 110.289	75% of values less than 126.036	90% of values less than 158.807
Minimum 79.837ss than 184.697	Maximum 244.912	
Mean 118.174	SD 28.5081	Variance 812.713

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.87359	10% of values less than 1.91764	25% of values less than 2.01972
50% of values less than 2.17697	75% of values less than 2.48157	90% of values less than 2.83725
Minimum 1.72367s than 3.05312	Maximum 3.77894	
Mean 2.28479	SD 0.362281	Variance 0.131247

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 175.603	10% of values less than 181.272	25% of values less than 198.026
50% of values less than 218.498	75% of values less than 249.643	90% of values less than 315.072
Minimum 157.82ss than 366.38	Maximum 486.436	
Mean 234.063	SD 56.7432	Variance 3219.79

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.87359	10% of values less than 1.91764	25% of values less than 2.01972
50% of values less than 2.17697	75% of values less than 2.48157	90% of values less than 2.83725
Minimum 1.72367s than 3.05312	Maximum 3.77894	
Mean 2.28479	SD 0.362281	Variance 0.131247

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 557.585	10% of values less than 575.945	25% of values less than 629.293
50% of values less than 694.865	75% of values less than 793.319	90% of values less than 1002.64
Minimum 500.946s than 1165.77	Maximum 1549.14	
Mean 743.974	SD 180.979	Variance 32753.6

Boiler House Aromatics - Naphthalene

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 1.07481E-012	10% of values less than 8.46861E-012	25% of values less than 1.964E-010
50% of values less than 5.21425E-009	75% of values less than 4.9841E-008	90% of values less than 1.91469E-007
Minimum 2.9918E-018n 3.51199E-007	Maximum 1.98338E-006	
Mean 6.54732E-008	SD 1.56459E-007	Variance 2.44794E-014

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 8.25331E-012	10% of values less than 6.47497E-011	25% of values less than 1.01161E-009
50% of values less than 2.80426E-008	75% of values less than 4.29362E-007	90% of values less than 1.653E-006
Minimum 6.03529E-016 3.08804E-006	Maximum 1.98011E-005	
Mean 5.92489E-007	SD 1.53703E-006	Variance 2.36245E-012

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0.000290115	10% of values less than 0.000465684	25% of values less than 0.000928735
50% of values less than 0.00191121	75% of values less than 0.00361953	90% of values less than 0.00553474
Minimum 1.99222E-005 0.00679918	Maximum 0.0133336	
Mean 0.00255406	SD 0.00211252	Variance 4.46272E-006

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 1.28636E-007
50% of values less than 6.06724E-007	75% of values less than 1.97256E-006	90% of values less than 4.50986E-006
Minimum 0.es less than 6.23337E-006	Maximum 2.46735E-005	
Mean 1.59785E-006	SD 2.57611E-006	Variance 6.63633E-012

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.85826	10% of values less than 1.90306	25% of values less than 2.00406
50% of values less than 2.15937	75% of values less than 2.46236	90% of values less than 2.81748
Minimum 1.70959s than 3.02996	Maximum 3.75286	
Mean 2.26773	SD 0.359879	Variance 0.129513

Retarded Travel Time to DCE Receptor years

05% of values less than 88.0428	10% of values less than 90.9402	25% of values less than 99.2367
50% of values less than 109.502	75% of values less than 125.097	90% of values less than 157.577
Minimum 79.1954s than 183.36	Maximum 243.156	
Mean 117.291	SD 28.3066	Variance 801.264

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.85826	10% of values less than 1.90306	25% of values less than 2.00406
50% of values less than 2.15937	75% of values less than 2.46236	90% of values less than 2.81748
Minimum 1.70959s than 3.02996	Maximum 3.75286	
Mean 2.26773	SD 0.359879	Variance 0.129513

Retarded Travel Time to DCE Receptor years

05% of values less than 88.0428	10% of values less than 90.9402	25% of values less than 99.2367
50% of values less than 109.502	75% of values less than 125.097	90% of values less than 157.577
Minimum 79.1954s than 183.36	Maximum 243.156	
Mean 117.291	SD 28.3066	Variance 801.264

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.85826	10% of values less than 1.90306	25% of values less than 2.00406
50% of values less than 2.15937	75% of values less than 2.46236	90% of values less than 2.81748
Minimum 1.70959s than 3.02996	Maximum 3.75286	
Mean 2.26773	SD 0.359879	Variance 0.129513

Retarded Travel Time to DCE Receptor years

05% of values less than 174.227	10% of values less than 179.901	25% of values less than 196.497
50% of values less than 216.854	75% of values less than 247.759	90% of values less than 312.606
Minimum 156.552s than 363.815	Maximum 482.949	
Mean 232.315	SD 56.3419	Variance 3174.41

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.85826	10% of values less than 1.90306	25% of values less than 2.00406
50% of values less than 2.15937	75% of values less than 2.46236	90% of values less than 2.81748
Minimum 1.70959s than 3.02996	Maximum 3.75286	
Mean 2.26773	SD 0.359879	Variance 0.129513

Retarded Travel Time to DCE Receptor years

05% of values less than 553.339	10% of values less than 571.407	25% of values less than 624.514
50% of values less than 689.634	75% of values less than 787.839	90% of values less than 994.791
Minimum 496.92ss than 1157.61	Maximum 1538.04	
Mean 738.419	SD 179.699	Variance 32291.8

Boiler House Aromatics - Naphthalene

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 4.69146E-013	10% of values less than 3.35422E-012	25% of values less than 8.75327E-011
50% of values less than 1.90857E-009	75% of values less than 2.03961E-008	90% of values less than 8.20927E-008
Minimum 1.16791E-018 1.39538E-007	Maximum 1.14871E-006	
Mean 2.75445E-008	SD 7.36145E-008	Variance 5.41909E-015

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 3.24859E-012	10% of values less than 2.79283E-011	25% of values less than 4.3559E-010
50% of values less than 1.13002E-008	75% of values less than 1.55543E-007	90% of values less than 6.94062E-007
Minimum 2.4E-016 than 1.34387E-006	Maximum 8.77001E-006	
Mean 2.53018E-007	SD 6.98635E-007	Variance 4.88091E-013

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 9.30747E-005	10% of values less than 0.000159267	25% of values less than 0.000345948
50% of values less than 0.000714998	75% of values less than 0.00136322	90% of values less than 0.00230472
Minimum 8.88469E-006 0.0030013	Maximum 0.00703096	
Mean 0.00101641	SD 0.000956924	Variance 9.15704E-007

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 8.20449E-010	25% of values less than 4.54363E-008
50% of values less than 2.41162E-007	75% of values less than 7.95567E-007	90% of values less than 1.82606E-006
Minimum 0.es less than 2.83395E-006	Maximum 1.25038E-005	
Mean 6.6834E-007	SD 1.1642E-006	Variance 1.35537E-012

ETP Aromatics - EC10-EC12 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 2.25666	10% of values less than 2.277	25% of values less than 2.35213
50% of values less than 2.47615	75% of values less than 2.59733	90% of values less than 2.68921
Minimum 2.22855s than 2.72326	Maximum 2.76373	
Mean 2.47922	SD 0.147715	Variance 0.0218198

ETP Aromatics - EC12-EC16 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 5.8	10% of values less than 5.8	25% of values less than 5.8
50% of values less than 5.8	75% of values less than 5.8	90% of values less than 5.8
Minimum 5.8s less than 5.8	Maximum 5.8	
Mean 5.8	SD 1.27964E-006	Variance -1.63749E-012

ETP Aromatics - EC16-EC21 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 0.65	10% of values less than 0.65	25% of values less than 0.65
50% of values less than 0.65	75% of values less than 0.65	90% of values less than 0.65
Minimum 0.65 less than 0.65	Maximum 0.65	
Mean 0.65	SD 1.58678E-007	Variance 2.51787E-014

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

ETP Aromatics - EC10-EC12 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 2.23042	10% of values less than 2.24781	25% of values less than 2.32272
50% of values less than 2.44723	75% of values less than 2.56707	90% of values less than 2.65644
Minimum 2.19078s than 2.68477	Maximum 2.72895	
Mean 2.44827	SD 0.146681	Variance 0.0215154

ETP Aromatics - EC12-EC16 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 5.77478	10% of values less than 5.77656	25% of values less than 5.77971
50% of values less than 5.78234	75% of values less than 5.78486	90% of values less than 5.78638
Minimum 5.76686s than 5.78711	Maximum 5.78883	
Mean 5.7819	SD 0.00383052	Variance 1.46729E-005

ETP Aromatics - EC16-EC21 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 0.642579	10% of values less than 0.64328	25% of values less than 0.644317
50% of values less than 0.645314	75% of values less than 0.64598	90% of values less than 0.646432
Minimum 0.639399	Maximum 0.647197	
Mean 0.645056	SD 0.00128361	Variance 1.64766E-006

ETP Aromatics - EC10-EC12 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0775798	10% of values less than 0.0805998	25% of values less than 0.0856786
50% of values less than 0.0938356	75% of values less than 0.107604	90% of values less than 0.13883
Minimum 0.07145931an 0.159774	Maximum 0.203662	
Mean 0.101529	SD 0.0242288	Variance 0.000587037

ETP Aromatics - EC12-EC16 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.189013	10% of values less than 0.193555	25% of values less than 0.204328
50% of values less than 0.218814	75% of values less than 0.252078	90% of values less than 0.326773
Minimum 0.181063 than 0.37388	Maximum 0.483757	
Mean 0.239976	SD 0.0566092	Variance 0.0032046

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

ETP Aromatics - EC16-EC21 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.021077	10% of values less than 0.0215862	25% of values less than 0.0227974
50% of values less than 0.0244228	75% of values less than 0.0281179	90% of values less than 0.0364821
Minimum 0.02016221	Maximum 0.0540542	
Mean 0.0267733	SD 0.00631768	Variance 3.99131E-005

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.418378	10% of values less than 0.44386	25% of values less than 0.501319
50% of values less than 0.584252	75% of values less than 0.671999	90% of values less than 0.772827
Minimum 0.371435 than 0.878492	Maximum 1.14954	
Mean 0.601429	SD 0.13717	Variance 0.0188156

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 20.6267	10% of values less than 21.6927	25% of values less than 24.9873
50% of values less than 29.1564	75% of values less than 34.5396	90% of values less than 41.8338
Minimum 16.4389s than 49.9946	Maximum 82.6369	
Mean 31.1127	SD 9.2642	Variance 85.8253

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.418378	10% of values less than 0.44386	25% of values less than 0.501319
50% of values less than 0.584252	75% of values less than 0.671999	90% of values less than 0.772827
Minimum 0.371435 than 0.878492	Maximum 1.14954	
Mean 0.601429	SD 0.13717	Variance 0.0188156

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 40.8241	10% of values less than 42.9549	25% of values less than 49.425
50% of values less than 57.7053	75% of values less than 68.3756	90% of values less than 82.974
Minimum 32.4909s than 99.2279	Maximum 164.131	
Mean 61.624	SD 18.4136	Variance 339.062

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.418378	10% of values less than 0.44386	25% of values less than 0.501319
50% of values less than 0.584252	75% of values less than 0.671999	90% of values less than 0.772827
Minimum 0.371435 than 0.878492	Maximum 1.14954	
Mean 0.601429	SD 0.13717	Variance 0.0188156

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 129.719	10% of values less than 136.476	25% of values less than 156.918
50% of values less than 183.408	75% of values less than 217.49	90% of values less than 263.991
Minimum 103.12ss than 315.543	Maximum 522.705	
Mean 195.874	SD 58.6718	Variance 3442.38

ETP Aromatics - EC10-EC12 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 4.24638E-006	10% of values less than 8.80251E-006	25% of values less than 3.4116E-005
50% of values less than 0.0001012	75% of values less than 0.000229644	90% of values less than 0.000450911
Minimum 3.10519E-007 0.000577815	Maximum 0.00137873	
Mean 0.000172962	SD 0.000204389	Variance 4.17748E-008

ETP Aromatics - EC12-EC16 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00504498	10% of values less than 0.00590765	25% of values less than 0.00783409
50% of values less than 0.0103327	75% of values less than 0.0136619	90% of values less than 0.0176677
Minimum 0.00268518an 0.0196579	Maximum 0.0302369	
Mean 0.011139	SD 0.00456074	Variance 2.08004E-005

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

ETP Aromatics - EC16-EC21 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 3.88646E-005	10% of values less than 5.26705E-005	25% of values less than 9.49934E-005
50% of values less than 0.000165685	75% of values less than 0.000271607	90% of values less than 0.000380907
Minimum 4.22814E-006 0.000466533	Maximum 0.00101039	
Mean 0.000199648	SD 0.000140379	Variance 1.97062E-008

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.016466	90% of values less than 0.0665915
Minimum 0.0801008	Maximum 0.143972	
Mean 0.0151005	SD 0.0283963	Variance 0.000806352

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.837162	90% of values less than 3.23758
Minimum 0.09207	Maximum 9.11764	
Mean 0.780437	SD 1.51028	Variance 2.28094

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.016466	90% of values less than 0.0665915
Minimum 0.es less than 0.0801008	Maximum 0.143972	
Mean 0.0151005	SD 0.0283963	Variance 0.000806352

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.65553	90% of values less than 6.41297
Minimum 0.es less than 8.12154	Maximum 18.1092	
Mean 1.54577	SD 2.99263	Variance 8.95584

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.016466	90% of values less than 0.0665915
Minimum 0.0801008	Maximum 0.143972	
Mean 0.0151005	SD 0.0283963	Variance 0.000806352

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 5.25637	90% of values less than 20.3847
Minimum 0.08512	Maximum 57.672	
Mean 4.91326	SD 9.51499	Variance 90.5351

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

ETP Aromatics - EC10-EC12 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00284355	10% of values less than 0.00390037	25% of values less than 0.00637907
50% of values less than 0.011412	75% of values less than 0.0228984	90% of values less than 0.0412686
Minimum 0.0007990981 0.0559513	Maximum 0.12837	
Mean 0.0179411	SD 0.0176975	Variance 0.000313201

ETP Aromatics - EC12-EC16 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0291127	10% of values less than 0.0343445	25% of values less than 0.0471614
50% of values less than 0.0712265	75% of values less than 0.101318	90% of values less than 0.147916
Minimum 0.00841518an 0.177875	Maximum 0.350109	
Mean 0.0822636	SD 0.0487863	Variance 0.0023801

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

ETP Aromatics - EC16-EC21 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00178956	10% of values less than 0.00216365	25% of values less than 0.00302497
50% of values less than 0.00466856	75% of values less than 0.00812257	90% of values less than 0.0129101
Minimum 0.000858619	Maximum 0.0332232	
Mean 0.00639215	SD 0.0049922	Variance 2.4922E-005

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 817183	SD 386710	Variance 1.49544E+011

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 4.18836E+007
50% of values less than 4.89211E+007	75% of values less than 5.52232E+007	90% of values less than 6.07928E+007
Minimum 0.es less than 6.40687E+007	Maximum 7.34333E+007	
Mean 4.22493E+007	SD 2.10959E+007	Variance 4.45039E+014

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 817183	SD 386710	Variance 1.49544E+011

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 8.27673E+007
50% of values less than 9.68421E+007	75% of values less than 1.09446E+008	90% of values less than 1.20586E+008
Minimum 0.es less than 1.27137E+008	Maximum 1.45867E+008	
Mean 8.36814E+007	SD 4.18256E+007	Variance 1.74938E+015

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 817183	SD 386710	Variance 1.49544E+011

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 2.62655E+008
50% of values less than 3.07695E+008	75% of values less than 3.48029E+008	90% of values less than 3.83674E+008
Minimum 0.es less than 4.0464E+008	Maximum 4.64573E+008	
Mean 2.65983E+008	SD 1.33037E+008	Variance 1.76987E+016

ETP Aromatics - EC10-EC12 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 8.19048E-013	
Mean 1.42621E-015	SD 3.16564E-014	Variance 1.00213E-027

ETP Aromatics - EC12-EC16 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 3.09821E-012	
Mean 4.8234E-015	SD 1.10766E-013	Variance 1.22692E-026

ETP Aromatics - EC16-EC21 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000E+00	Maximum 2.78238E-013	
Mean 4.46934E-016	SD 1.01491E-014	Variance 1.03004E-028

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 883117	SD 321442	Variance 1.03325E+011

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 4.35281E+007
50% of values less than 4.9684E+007	75% of values less than 5.55389E+007	90% of values less than 6.1171E+007
Minimum 0.es less than 6.4536E+007	Maximum 7.34333E+007	
Mean 4.55594E+007	SD 1.79924E+007	Variance 3.23727E+014

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 883117	SD 321442	Variance 1.03325E+011

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 8.60561E+007
50% of values less than 9.8368E+007	75% of values less than 1.10078E+008	90% of values less than 1.21342E+008
Minimum 0.es less than 1.28072E+008	Maximum 1.45867E+008	
Mean 9.02356E+007	SD 3.56888E+007	Variance 1.27369E+015

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 883117	SD 321442	Variance 1.03325E+011

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 2.7318E+008
50% of values less than 3.12577E+008	75% of values less than 3.50049E+008	90% of values less than 3.86094E+008
Minimum 0.es less than 4.07631E+008	Maximum 4.64573E+008	
Mean 2.86811E+008	SD 1.13554E+008	Variance 1.28944E+016

ETP Aromatics - EC10-EC12 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 1.62375E-013	
Mean 2.29718E-016	SD 5.55185E-015	Variance 3.0823E-029

ETP Aromatics - EC12-EC16 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 5.27299E-013	
Mean 6.99458E-016	SD 1.75234E-014	Variance 3.07069E-028

ETP Aromatics - EC16-EC21 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 5.11763E-014	
Mean 6.88662E-017	SD 1.71051E-015	Variance 2.92586E-030

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 878122	SD 327309	Variance 1.07131E+011

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 4.34159E+007
50% of values less than 4.95845E+007	75% of values less than 5.55265E+007	90% of values less than 6.1171E+007
Minimum 0.es less than 6.4536E+007	Maximum 7.34333E+007	
Mean 4.52936E+007	SD 1.82669E+007	Variance 3.33681E+014

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 878122	SD 327309	Variance 1.07131E+011

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 8.58318E+007
50% of values less than 9.81689E+007	75% of values less than 1.10053E+008	90% of values less than 1.21342E+008
Minimum 0.es less than 1.28072E+008	Maximum 1.45867E+008	
Mean 8.97091E+007	SD 3.62316E+007	Variance 1.31273E+015

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 878122	SD 327309	Variance 1.07131E+011

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 2.72462E+008
50% of values less than 3.11941E+008	75% of values less than 3.4997E+008	90% of values less than 3.86094E+008
Minimum 0.es less than 4.07631E+008	Maximum 4.64573E+008	
Mean 2.85137E+008	SD 1.15277E+008	Variance 1.32888E+016

ETP Aromatics - EC10-EC12 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC12-EC16 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC16-EC21 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 732268	SD 442999	Variance 1.96248E+011

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 4.71678E+007	75% of values less than 5.45062E+007	90% of values less than 6.01414E+007
Minimum 0.es less than 6.36774E+007	Maximum 7.34333E+007	
Mean 3.78181E+007	SD 2.37519E+007	Variance 5.64154E+014

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 732268	SD 442999	Variance 1.96248E+011

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 9.33356E+007	75% of values less than 1.08012E+008	90% of values less than 1.19283E+008
Minimum 0.es less than 1.26355E+008	Maximum 1.45867E+008	
Mean 7.4904E+007	SD 4.70773E+007	Variance 2.21627E+015

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 732268	SD 442999	Variance 1.96248E+011

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.96474E+008	75% of values less than 3.4344E+008	90% of values less than 3.79505E+008
Minimum 0.es less than 4.02135E+008	Maximum 4.64573E+008	
Mean 2.38082E+008	SD 1.49709E+008	Variance 2.24129E+016

ETP Aromatics - EC10-EC12 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC12-EC16 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC16-EC21 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.51939	10% of values less than 2.56461	25% of values less than 2.67368
50% of values less than 2.87932	75% of values less than 3.30166	90% of values less than 3.81578
Minimum 2.4197ss than 4.05683	Maximum 4.91354	
Mean 3.05141	SD 0.505726	Variance 0.255758

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 117.526	10% of values less than 122.611	25% of values less than 132.468
50% of values less than 145.947	75% of values less than 167.979	90% of values less than 217.126
Minimum 104.463s than 250.31	Maximum 354.106	
Mean 158.005	SD 40.1732	Variance 1613.89

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.51939	10% of values less than 2.56461	25% of values less than 2.67368
50% of values less than 2.87932	75% of values less than 3.30166	90% of values less than 3.81578
Minimum 2.4197ss than 4.05683	Maximum 4.91354	
Mean 3.05141	SD 0.505726	Variance 0.255758

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 232.499	10% of values less than 242.293	25% of values less than 262.064
50% of values less than 288.706	75% of values less than 332.781	90% of values less than 430.77
Minimum 206.439s than 497.045	Maximum 703.314	
Mean 312.959	SD 79.9513	Variance 6392.21

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.51939	10% of values less than 2.56461	25% of values less than 2.67368
50% of values less than 2.87932	75% of values less than 3.30166	90% of values less than 3.81578
Minimum 2.4197ss than 4.05683	Maximum 4.91354	
Mean 3.05141	SD 0.505726	Variance 0.255758

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 738.296	10% of values less than 768.895	25% of values less than 832.674
50% of values less than 917.729	75% of values less than 1057.01	90% of values less than 1371.24
Minimum 655.13ss than 1582.68	Maximum 2239.83	
Mean 994.757	SD 254.977	Variance 65013.3

ETP Aromatics - EC10-EC12 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 3.66993E-016	10% of values less than 4.52429E-015	25% of values less than 2.54428E-013
50% of values less than 1.31155E-011	75% of values less than 4.20823E-010	90% of values less than 2.69849E-009
Minimum 1.20416E-020 6.14591E-009	Maximum 4.71031E-008	
Mean 1.02602E-009	SD 3.24672E-009	Variance 1.05412E-017

ETP Aromatics - EC12-EC16 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 5.64519E-006	10% of values less than 1.4164E-005	25% of values less than 3.70973E-005
50% of values less than 9.60182E-005	75% of values less than 0.00020726	90% of values less than 0.000346383
Minimum 2.58276E-007 0.000422867	Maximum 0.00080933	
Mean 0.000143396	SD 0.000141835	Variance 2.01171E-008

ETP Aromatics - EC16-EC21 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 3.45998E-009	75% of values less than 2.63103E-008	90% of values less than 6.79706E-008
Minimum 0.es less than 1.22815E-007	Maximum 4.1609E-007	
Mean 2.49239E-008	SD 5.16868E-008	Variance 2.67153E-015

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.5039	10% of values less than 2.54929	25% of values less than 2.65729
50% of values less than 2.86132	75% of values less than 3.28135	90% of values less than 3.79303
Minimum 2.40444s than 4.03333	Maximum 4.8855	
Mean 3.03315	SD 0.502816	Variance 0.252824

Retarded Travel Time to DCE Receptor years

05% of values less than 116.804	10% of values less than 121.857	25% of values less than 131.685
50% of values less than 145.053	75% of values less than 167.004	90% of values less than 215.885
Minimum 103.815s than 248.818	Maximum 352.083	
Mean 157.06	SD 39.9361	Variance 1594.89

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.5039	10% of values less than 2.54929	25% of values less than 2.65729
50% of values less than 2.86132	75% of values less than 3.28135	90% of values less than 3.79303
Minimum 2.40444s than 4.03333	Maximum 4.8855	
Mean 3.03315	SD 0.502816	Variance 0.252824

Retarded Travel Time to DCE Receptor years

05% of values less than 231.032	10% of values less than 240.874	25% of values less than 260.421
50% of values less than 287.045	75% of values less than 330.888	90% of values less than 428.309
Minimum 205.157s than 494.081	Maximum 699.296	
Mean 311.087	SD 79.4793	Variance 6316.95

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.5039	10% of values less than 2.54929	25% of values less than 2.65729
50% of values less than 2.86132	75% of values less than 3.28135	90% of values less than 3.79303
Minimum 2.40444s than 4.03333	Maximum 4.8855	
Mean 3.03315	SD 0.502816	Variance 0.252824

Retarded Travel Time to DCE Receptor years

05% of values less than 733.782	10% of values less than 764.176	25% of values less than 827.454
50% of values less than 912.509	75% of values less than 1050.9	90% of values less than 1362.96
Minimum 651.062s than 1573.24	Maximum 2227.04	
Mean 988.804	SD 253.472	Variance 64247.8

ETP Aromatics - EC10-EC12 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.61225E-016	10% of values less than 1.82715E-015	25% of values less than 1.10103E-013
50% of values less than 5.42713E-012	75% of values less than 1.65532E-010	90% of values less than 1.14541E-009
Minimum 6.14783E-021 2.37243E-009	Maximum 2.1693E-008	
Mean 4.25451E-010	SD 1.37649E-009	Variance 1.89474E-018

ETP Aromatics - EC12-EC16 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 2.37827E-006	10% of values less than 5.53742E-006	25% of values less than 1.44379E-005
50% of values less than 3.58369E-005	75% of values less than 7.82784E-005	90% of values less than 0.000136171
Minimum 9.10142E-008 0.000167312	Maximum 0.000375911	
Mean 5.57894E-005	SD 5.73687E-005	Variance 3.29117E-009

ETP Aromatics - EC16-EC21 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 1.46705E-009	75% of values less than 1.05943E-008	90% of values less than 2.6989E-008
Minimum 0.es less than 5.00966E-008	Maximum 1.98659E-007	
Mean 1.00221E-008	SD 2.11683E-008	Variance 4.48095E-016

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 1.72325	10% of values less than 1.7432	25% of values less than 1.79184
50% of values less than 1.87157	75% of values less than 1.97169	90% of values less than 2.04817
Minimum 1.7008ss than 2.07116	Maximum 2.10256	
Mean 1.88445	SD 0.110013	Variance 0.0121028

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 3.51053	10% of values less than 3.55249	25% of values less than 3.65122
50% of values less than 3.81727	75% of values less than 4.02435	90% of values less than 4.18653
Minimum 3.47299s than 4.23485	Maximum 4.28777	
Mean 3.84413	SD 0.228641	Variance 0.0522768

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 0.65	10% of values less than 0.65	25% of values less than 0.65
50% of values less than 0.65	75% of values less than 0.65	90% of values less than 0.65
Minimum 0.65 less than 0.65	Maximum 0.65	
Mean 0.65	SD 1.58678E-007	Variance 2.51787E-014

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.000703195	
Mean 1.46951E-006	SD 3.00581E-005	Variance 9.03492E-010

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.0290297	
Mean 6.51242E-005	SD 0.0013054	Variance 1.70407E-006

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.000703195	
Mean 1.46951E-006	SD 3.00581E-005	Variance 9.03492E-010

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.0573563	
Mean 0.000128779	SD 0.0025808	Variance 6.66052E-006

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.000703195	
Mean 1.46951E-006	SD 3.00581E-005	Variance 9.03492E-010

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.181993	
Mean 0.000408859	SD 0.00819256	Variance 6.7118E-005

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 1.70305	10% of values less than 1.72076	25% of values less than 1.77031
50% of values less than 1.8472	75% of values less than 1.949	90% of values less than 2.02238
Minimum 1.65611s than 2.04877	Maximum 2.08241	
Mean 1.86108	SD 0.109046	Variance 0.011891

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 3.50139	10% of values less than 3.54114	25% of values less than 3.63978
50% of values less than 3.8051	75% of values less than 4.01153	90% of values less than 4.1702
Minimum 3.45831s than 4.21865	Maximum 4.27431	
Mean 3.83199	SD 0.227971	Variance 0.0519707

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 0.642323	10% of values less than 0.643273	25% of values less than 0.644304
50% of values less than 0.645207	75% of values less than 0.645909	90% of values less than 0.646373
Minimum 0.638405 than 0.646586	Maximum 0.647092	
Mean 0.644951	SD 0.00131566	Variance 1.73097E-006

Tank Farm Aromatics - EC10-EC12 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0574336	10% of values less than 0.0596771	25% of values less than 0.063526
50% of values less than 0.0695262	75% of values less than 0.0802786	90% of values less than 0.103419
Minimum 0.05204451	Maximum 0.164519	
Mean 0.0756508	SD 0.0187243	Variance 0.000350599

Tank Farm Aromatics - EC12-EC16 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.118267	10% of values less than 0.123011	25% of values less than 0.130589
50% of values less than 0.143132	75% of values less than 0.165432	90% of values less than 0.21237
Minimum 0.106619	Maximum 0.339936	
Mean 0.155762	SD 0.03856	Variance 0.00148687

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0206428	10% of values less than 0.0210793	25% of values less than 0.0222229
50% of values less than 0.0239177	75% of values less than 0.0275832	90% of values less than 0.035712
Minimum 0.01973961	Maximum 0.0531692	
Mean 0.0261999	SD 0.00619755	Variance 3.84096E-005

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.674305	10% of values less than 0.698247	25% of values less than 0.768182
50% of values less than 0.849931	75% of values less than 0.97039	90% of values less than 1.12456
Minimum 0.624611 than 1.21018	Maximum 1.56849	
Mean 0.884412	SD 0.166384	Variance 0.0276835

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 32.6525	10% of values less than 34.0817	25% of values less than 37.7877
50% of values less than 42.8315	75% of values less than 49.4583	90% of values less than 62.1373
Minimum 27.6737s than 73.2673	Maximum 113.411	
Mean 45.7626	SD 12.2184	Variance 149.29

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.674305	10% of values less than 0.698247	25% of values less than 0.768182
50% of values less than 0.849931	75% of values less than 0.97039	90% of values less than 1.12456
Minimum 0.624611 than 1.21018	Maximum 1.56849	
Mean 0.884412	SD 0.166384	Variance 0.0276835

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 64.6287	10% of values less than 67.3934	25% of values less than 74.7563
50% of values less than 84.7412	75% of values less than 97.9616	90% of values less than 123.404
Minimum 54.7028s than 145.485	Maximum 225.254	
Mean 90.6409	SD 24.3036	Variance 590.667

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.674305	10% of values less than 0.698247	25% of values less than 0.768182
50% of values less than 0.849931	75% of values less than 0.97039	90% of values less than 1.12456
Minimum 0.624611 than 1.21018	Maximum 1.56849	
Mean 0.884412	SD 0.166384	Variance 0.0276835

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 205.22	10% of values less than 214.095	25% of values less than 237.441
50% of values less than 269.445	75% of values less than 311.109	90% of values less than 392.977
Minimum 173.631s than 463.241	Maximum 717.361	
Mean 288.105	SD 77.4794	Variance 6003.05

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 8.1773E-007	10% of values less than 1.87475E-006	25% of values less than 6.67389E-006
50% of values less than 3.04791E-005	75% of values less than 8.89813E-005	90% of values less than 0.000173757
Minimum 9.37542E-009 0.000236957	Maximum 0.000636766	
Mean 6.5721E-005	SD 8.91716E-005	Variance 7.95158E-009

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00391839	10% of values less than 0.00491605	25% of values less than 0.00703963
50% of values less than 0.00980624	75% of values less than 0.0131437	90% of values less than 0.0165303
Minimum 0.00134954an 0.0187168	Maximum 0.027825	
Mean 0.0104172	SD 0.00457746	Variance 2.09531E-005

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 1.80595E-005	10% of values less than 2.97402E-005	25% of values less than 6.59802E-005
50% of values less than 0.000127885	75% of values less than 0.000214808	90% of values less than 0.000315078
Minimum 2.87327E-006 0.000388386	Maximum 0.000685981	
Mean 0.000154914	SD 0.000118716	Variance 1.40936E-008

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.0856148	10% of values less than 0.101543	25% of values less than 0.145364
50% of values less than 0.214951	75% of values less than 0.287961	90% of values less than 0.34287
Minimum 0.06022251	Maximum 0.549532	
Mean 0.220427	SD 0.0927961	Variance 0.00861112

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 4.18885	10% of values less than 5.12159	25% of values less than 7.38442
50% of values less than 10.8248	75% of values less than 14.5481	90% of values less than 17.5061
Minimum 2.671275	Maximum 39.7343	
Mean 11.3717	SD 5.25027	Variance 27.5653

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.0856148	10% of values less than 0.101543	25% of values less than 0.145364
50% of values less than 0.214951	75% of values less than 0.287961	90% of values less than 0.34287
Minimum 0.06022251	Maximum 0.549532	
Mean 0.220427	SD 0.0927961	Variance 0.00861112

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 8.30503	10% of values less than 10.1368	25% of values less than 14.6006
50% of values less than 21.4218	75% of values less than 28.8528	90% of values less than 34.7279
Minimum 5.2803	Maximum 78.9192	
Mean 22.523	SD 10.4143	Variance 108.459

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.0856148	10% of values less than 0.101543	25% of values less than 0.145364
50% of values less than 0.214951	75% of values less than 0.287961	90% of values less than 0.34287
Minimum 0.06022251	Maximum 0.549532	
Mean 0.220427	SD 0.0927961	Variance 0.00861112

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 26.4162	10% of values less than 32.2039	25% of values less than 46.3979
50% of values less than 68.0798	75% of values less than 91.7987	90% of values less than 110.39
Minimum 16.7601	Maximum 251.332	
Mean 71.5887	SD 33.1365	Variance 1098.03

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000189387	10% of values less than 0.000279927	25% of values less than 0.000576234
50% of values less than 0.00135829	75% of values less than 0.00302094	90% of values less than 0.00517897
Minimum 1.2094E-005n 0.00691514	Maximum 0.0143265	
Mean 0.00214405	SD 0.00217774	Variance 4.74255E-006

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00537367	10% of values less than 0.00680115	25% of values less than 0.0130734
50% of values less than 0.0293661	75% of values less than 0.0438705	90% of values less than 0.0557799
Minimum 0.00282121an 0.0632966	Maximum 0.0970939	
Mean 0.0304581	SD 0.0191718	Variance 0.000367557

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000286595	10% of values less than 0.000370506	25% of values less than 0.000701331
50% of values less than 0.00150164	75% of values less than 0.00257769	90% of values less than 0.00372425
Minimum 0.000101021	Maximum 0.00696707	
Mean 0.00181778	SD 0.00137344	Variance 1.88635E-006

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.00168633	90% of values less than 0.0446325
Minimum 0.0580974	Maximum 0.108468	
Mean 0.00977057	SD 0.0204488	Variance 0.000418154

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0863341	90% of values less than 2.16858
Minimum 0.291993	Maximum 7.46773	
Mean 0.499595	SD 1.07106	Variance 1.14717

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.00168633	90% of values less than 0.0446325
Minimum 0.0580974	Maximum 0.108468	
Mean 0.00977057	SD 0.0204488	Variance 0.000418154

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.171048	90% of values less than 4.29301
Minimum 0.76585	Maximum 14.8322	
Mean 0.98942	SD 2.12197	Variance 4.50274

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.00168633	90% of values less than 0.0446325
Minimum 0.0580974	Maximum 0.108468	
Mean 0.00977057	SD 0.0204488	Variance 0.000418154

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.543791	90% of values less than 13.6405
Minimum 0.18.2879	Maximum 47.2358	
Mean 3.14465	SD 6.74595	Variance 45.5078

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000360267	10% of values less than 0.000600655	25% of values less than 0.00201317
50% of values less than 0.00785113	75% of values less than 0.0194093	90% of values less than 0.0348421
Minimum 9.58672E-008 0.0438203	Maximum 0.101719	
Mean 0.0132831	SD 0.014826	Variance 0.000219809

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00140161	10% of values less than 0.00327082	25% of values less than 0.0119112
50% of values less than 0.0471439	75% of values less than 0.0880585	90% of values less than 0.117442
Minimum 2.46907E-007 0.140959	Maximum 0.283866	
Mean 0.0549983	SD 0.0467099	Variance 0.00218182

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000187706	10% of values less than 0.00034325	25% of values less than 0.00124216
50% of values less than 0.00467051	75% of values less than 0.00986299	90% of values less than 0.0156154
Minimum 3.59709E-008 0.0187163	Maximum 0.0381595	
Mean 0.00637664	SD 0.00612796	Variance 3.7552E-005

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0231733
Minimum 0.037184	Maximum 0.0769282	
Mean 0.00512043	SD 0.0129123	Variance 0.000166727

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 1.09699
Minimum 0.19036	Maximum 5.11636	
Mean 0.261302	SD 0.67755	Variance 0.459073

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0231733
Minimum 0.037184	Maximum 0.0769282	
Mean 0.00512043	SD 0.0129123	Variance 0.000166727

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 2.16932
Minimum 0.376956	Maximum 10.162	
Mean 0.517483	SD 1.34236	Variance 1.80192

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0231733
Minimum 0.es less than 0.037184	Maximum 0.0769282	
Mean 0.00512043	SD 0.0129123	Variance 0.000166727

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 6.89515
Minimum 0.es less than 11.9798	Maximum 32.3626	
Mean 1.64468	SD 4.26751	Variance 18.2117

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.00144064	10% of values less than 0.00211216	25% of values less than 0.00517478
50% of values less than 0.014317	75% of values less than 0.0290105	90% of values less than 0.0450873
Minimum 3.61516E-008 0.0540244	Maximum 0.1237	
Mean 0.0194858	SD 0.0181011	Variance 0.000327651

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.00682599	10% of values less than 0.0106469	25% of values less than 0.0292223
50% of values less than 0.0732611	75% of values less than 0.106513	90% of values less than 0.134129
Minimum 8.18034E-008 0.154248	Maximum 0.305725	
Mean 0.0729164	SD 0.0482966	Variance 0.00233256

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.00077101	10% of values less than 0.00120039	25% of values less than 0.00310803
50% of values less than 0.00747624	75% of values less than 0.0129054	90% of values less than 0.0186337
Minimum 1.23594E-008 0.0217282	Maximum 0.0438699	
Mean 0.00890029	SD 0.00689637	Variance 4.75599E-005

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0248166
Minimum 0.0387194	Maximum 0.0791263	
Mean 0.00539743	SD 0.013412	Variance 0.000179881

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 1.16369
Minimum 0.19672	Maximum 5.28023	
Mean 0.275483	SD 0.703534	Variance 0.49496

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0248166
Minimum 0.es less than 0.0387194	Maximum 0.0791263	
Mean 0.00539743	SD 0.013412	Variance 0.000179881

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 2.30483
Minimum 0.es less than 3.8955	Maximum 10.4874	
Mean 0.545568	SD 1.39383	Variance 1.94277

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0248166
Minimum 0.es less than 0.0387194	Maximum 0.0791263	
Mean 0.00539743	SD 0.013412	Variance 0.000179881

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 7.32587
Minimum 0.es less than 12.38	Maximum 33.3991	
Mean 1.73394	SD 4.43115	Variance 19.6351

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 3.14611E-008	10% of values less than 5.34967E-006	25% of values less than 0.000111792
50% of values less than 0.00174646	75% of values less than 0.0105335	90% of values less than 0.0223548
Minimum 0.es less than 0.0378379	Maximum 0.1172	
Mean 0.00795474	SD 0.0134872	Variance 0.000181904

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 1.03659E-007

10% of values less than 1.75591E-005

25% of values less than 0.000533941

50% of values less than 0.00911529

75% of values less than 0.0517009

90% of values less than 0.0902832

Minimum Ones less than 0.114734

Maximum 0.257116

Mean 0.0300956

SD 0.0402575

Variance 0.00162067

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

25% of values less than 5.90979E-005

90% of values less than 0.011085

Maximum 0.0431179

Variance 2.99179E-005

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0253484	90% of values less than 0.0693816
Minimum 0.0836259	Maximum 0.14573	
Mean 0.0173273	SD 0.0300668	Variance 0.000904011

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.25455	90% of values less than 3.46507
Minimum 0.12174	Maximum 10.2457	
Mean 0.88605	SD 1.57565	Variance 2.48268

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0253484	90% of values less than 0.0693816
Minimum 0.es less than 0.0836259	Maximum 0.14573	
Mean 0.0173273	SD 0.0300668	Variance 0.000904011

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 2.48192	90% of values less than 6.86051
Minimum 0.es less than 8.14631	Maximum 20.3497	
Mean 1.75477	SD 3.1217	Variance 9.74502

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0253484	90% of values less than 0.0693816
Minimum 0.0836259	Maximum 0.14573	
Mean 0.0173273	SD 0.0300668	Variance 0.000904011

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 7.88237	90% of values less than 21.8138
Minimum 0.259025	Maximum 64.8073	
Mean 5.57715	SD 9.92434	Variance 98.4925

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 4.42131E-017	75% of values less than 3.98417E-013	90% of values less than 1.56803E-010
Minimum 0.es less than 1.18235E-009	Maximum 5.34808E-008	
Mean 6.50751E-010	SD 3.81966E-009	Variance 1.45898E-017

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.07168E-016	75% of values less than 2.54565E-012	90% of values less than 1.03429E-009
Minimum 0.es less than 1.22133E-008	Maximum 4.12664E-007	
Mean 4.93361E-009	SD 2.91466E-008	Variance 8.49525E-016

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.24093E-017	75% of values less than 2.88218E-013	90% of values less than 9.55015E-011
Minimum 0.es less than 1.00732E-009	Maximum 3.18362E-008	
Mean 3.86205E-010	SD 2.21971E-009	Variance 4.92713E-018

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.77403	10% of values less than 2.81758	25% of values less than 2.91506
50% of values less than 3.14933	75% of values less than 3.61609	90% of values less than 4.15132
Minimum 2.68546s than 4.45038	Maximum 5.33099	
Mean 3.33617	SD 0.547501	Variance 0.299758

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 129.101	10% of values less than 134.046	25% of values less than 144.954
50% of values less than 160.289	75% of values less than 182.47	90% of values less than 237.729
Minimum 118.306s than 272.542	Maximum 385.461	
Mean 172.751	SD 43.7258	Variance 1911.94

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.77403	10% of values less than 2.81758	25% of values less than 2.91506
50% of values less than 3.14933	75% of values less than 3.61609	90% of values less than 4.15132
Minimum 2.68546s than 4.45038	Maximum 5.33099	
Mean 3.33617	SD 0.547501	Variance 0.299758

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 255.141	10% of values less than 265.142	25% of values less than 286.765
50% of values less than 317.543	75% of values less than 361.66	90% of values less than 471.781
Minimum 233.862s than 540.605	Maximum 765.591	
Mean 342.165	SD 87.0243	Variance 7573.24

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.77403	10% of values less than 2.81758	25% of values less than 2.91506
50% of values less than 3.14933	75% of values less than 3.61609	90% of values less than 4.15132
Minimum 2.68546s than 4.45038	Maximum 5.33099	
Mean 3.33617	SD 0.547501	Variance 0.299758

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 810.09	10% of values less than 841.955	25% of values less than 909.857
50% of values less than 1008.85	75% of values less than 1148.64	90% of values less than 1501.61
Minimum 742.308s than 1720.08	Maximum 2438.16	
Mean 1087.59	SD 277.541	Variance 77028.7

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 5.21675E-017	10% of values less than 1.05143E-015	25% of values less than 4.39631E-014
50% of values less than 3.33909E-012	75% of values less than 1.63036E-010	90% of values less than 8.5188E-010
Minimum 2.25026E-022 2.20736E-009	Maximum 2.30314E-008	
Mean 4.24784E-010	SD 1.4861E-009	Variance 2.20849E-018

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 4.26076E-006	10% of values less than 9.77306E-006	25% of values less than 2.67712E-005
50% of values less than 7.65483E-005	75% of values less than 0.000178212	90% of values less than 0.000306301
Minimum 7.62039E-008 0.000408741	Maximum 0.000880863	
Mean 0.000124183	SD 0.00013364	Variance 1.78596E-008

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.25202E-008	90% of values less than 5.56045E-008
Minimum 0.es less than 9.61943E-008	Maximum 4.26781E-007	
Mean 1.72899E-008	SD 4.21235E-008	Variance 1.77439E-015

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.75844	10% of values less than 2.80222	25% of values less than 2.89925
50% of values less than 3.13215	75% of values less than 3.59586	90% of values less than 4.1293
Minimum 2.67011s than 4.42643	Maximum 5.30295	
Mean 3.3179	SD 0.54457	Variance 0.296557

Retarded Travel Time to DCE Receptor years

05% of values less than 128.387	10% of values less than 133.292	25% of values less than 144.171
50% of values less than 159.412	75% of values less than 181.513	90% of values less than 236.394
Minimum 117.631s than 271.068	Maximum 383.434	
Mean 171.804	SD 43.4876	Variance 1891.17

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.75844	10% of values less than 2.80222	25% of values less than 2.89925
50% of values less than 3.13215	75% of values less than 3.59586	90% of values less than 4.1293
Minimum 2.67011s than 4.42643	Maximum 5.30295	
Mean 3.3179	SD 0.54457	Variance 0.296557

Retarded Travel Time to DCE Receptor years

05% of values less than 253.72	10% of values less than 263.683	25% of values less than 285.149
50% of values less than 315.764	75% of values less than 359.764	90% of values less than 469.133
Minimum 232.527s than 537.68	Maximum 761.565	
Mean 340.291	SD 86.5502	Variance 7490.93

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.75844	10% of values less than 2.80222	25% of values less than 2.89925
50% of values less than 3.13215	75% of values less than 3.59586	90% of values less than 4.1293
Minimum 2.67011s than 4.42643	Maximum 5.30295	
Mean 3.3179	SD 0.54457	Variance 0.296557

Retarded Travel Time to DCE Receptor years

05% of values less than 805.688	10% of values less than 837.321	25% of values less than 904.721
50% of values less than 1003.12	75% of values less than 1142.51	90% of values less than 1493.18
Minimum 738.073s than 1710.78	Maximum 2425.34	
Mean 1081.63	SD 276.028	Variance 76191.6

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 4.64285E-017	10% of values less than 1.07691E-015	25% of values less than 4.25012E-014
50% of values less than 3.32684E-012	75% of values less than 1.26591E-010	90% of values less than 8.71468E-010
Minimum 3.08145E-022 2.12949E-009	Maximum 2.3781E-008	
Mean 4.03075E-010	SD 1.41506E-009	Variance 2.00238E-018

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 4.11908E-006	10% of values less than 7.80937E-006	25% of values less than 2.38176E-005
50% of values less than 6.73836E-005	75% of values less than 0.000152717	90% of values less than 0.000278252
Minimum 8.82064E-008 0.000367166	Maximum 0.00067378	
Mean 0.000110878	SD 0.000121383	Variance 1.47338E-008

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.14119E-008	90% of values less than 4.79015E-008
Minimum 0.es less than 9.44773E-008	Maximum 4.31438E-007	
Mean 1.60639E-008	SD 3.92803E-008	Variance 1.54295E-015

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at Source [mg/l] - 1000 years

05% of values less than 4.27436	10% of values less than 4.31936	25% of values less than 4.42346
50% of values less than 4.55863	75% of values less than 4.70783	90% of values less than 4.82694
Minimum 4.15708s than 4.8885	Maximum 5.08043	
Mean 4.56746	SD 0.189402	Variance 0.035873

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0.0179663	10% of values less than 0.157471	25% of values less than 0.557647
50% of values less than 1.32434	75% of values less than 1.99481	90% of values less than 2.42973
Minimum 0.00000	Maximum 3.33621	
Mean 1.30968	SD 0.839093	Variance 0.704078

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0.0301636	10% of values less than 0.282526	25% of values less than 1.00786
50% of values less than 2.4108	75% of values less than 3.56882	90% of values less than 4.30509
Minimum 0.00000	Maximum 5.64033	
Mean 2.35121	SD 1.48319	Variance 2.19986

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 4.27436	10% of values less than 4.31936	25% of values less than 4.42346
50% of values less than 4.55863	75% of values less than 4.70783	90% of values less than 4.82694
Minimum 4.15708s than 4.8885	Maximum 5.08043	
Mean 4.56746	SD 0.189402	Variance 0.035873

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.122949	10% of values less than 0.127038	25% of values less than 0.134899
50% of values less than 0.147136	75% of values less than 0.170592	90% of values less than 0.214685
Minimum 0.111066	Maximum 0.325123	
Mean 0.160284	SD 0.0398506	Variance 0.00158807

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.896368	10% of values less than 1.05091	25% of values less than 1.47081
50% of values less than 2.18878	75% of values less than 2.89536	90% of values less than 3.3601
Minimum 0.654131 than 3.56021	Maximum 4.18628	
Mean 2.19754	SD 0.857362	Variance 0.735069

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 1.61657	10% of values less than 1.86464	25% of values less than 2.63104
50% of values less than 3.98429	75% of values less than 5.22951	90% of values less than 5.93981
Minimum 1.1783ss than 6.37711	Maximum 7.78949	
Mean 3.96083	SD 1.53069	Variance 2.343

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000405647	10% of values less than 0.00053692	25% of values less than 0.000768902
50% of values less than 0.00126504	75% of values less than 0.00174343	90% of values less than 0.00235985
Minimum 0.000147864	Maximum 0.00451931	
Mean 0.00134466	SD 0.000722268	Variance 5.21671E-007

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.26801	10% of values less than 0.39775	25% of values less than 0.768921
50% of values less than 1.53273	75% of values less than 2.22279	90% of values less than 2.65105
Minimum 0.09171641	Maximum 3.49618	
Mean 1.53062	SD 0.845322	Variance 0.71457

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0.479042	10% of values less than 0.721191	25% of values less than 1.3758
50% of values less than 2.80211	75% of values less than 3.99169	90% of values less than 4.69811
Minimum 0.166827	Maximum 6.04699	
Mean 2.75186	SD 1.49681	Variance 2.24043

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 4.803E-005	10% of values less than 7.85814E-005	25% of values less than 0.000155859
50% of values less than 0.000370911	75% of values less than 0.000809412	90% of values less than 0.00130228
Minimum 1.52828E-005 0.00166383	Maximum 0.00282722	
Mean 0.000551699	SD 0.000508312	Variance 2.58381E-007

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.0298805	10% of values less than 0.166932	25% of values less than 0.563308
50% of values less than 1.32954	75% of values less than 2.00055	90% of values less than 2.44066
Minimum 0.05 less than 2.6948	Maximum 3.33621	
Mean 1.31716	SD 0.839773	Variance 0.705219

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0.0529678	10% of values less than 0.298311	25% of values less than 1.01199
50% of values less than 2.43571	75% of values less than 3.59201	90% of values less than 4.31196
Minimum 0.05 less than 4.68571	Maximum 5.64033	
Mean 2.36478	SD 1.48448	Variance 2.20367

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0356645	10% of values less than 0.0392832	25% of values less than 0.0472253
50% of values less than 0.0602612	75% of values less than 0.0800485	90% of values less than 0.100062
Minimum 0.02492231	Maximum 0.20812	
Mean 0.066587	SD 0.0273154	Variance 0.000746129

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0212512	10% of values less than 0.157471	25% of values less than 0.557647
50% of values less than 1.32588	75% of values less than 1.99481	90% of values less than 2.43763
Minimum 0.05 less than 2.68873	Maximum 3.33621	
Mean 1.31289	SD 0.839282	Variance 0.704393

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0.0408187	10% of values less than 0.282526	25% of values less than 1.00998
50% of values less than 2.41681	75% of values less than 3.57347	90% of values less than 4.31196
Minimum 0.05 less than 4.68453	Maximum 5.64033	
Mean 2.35702	SD 1.48356	Variance 2.20094

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.0200501	10% of values less than 0.024971	25% of values less than 0.0347684
50% of values less than 0.0479333	75% of values less than 0.0701952	90% of values less than 0.0977729
Minimum 0.00525981	Maximum 0.232457	
Mean 0.0563601	SD 0.0314985	Variance 0.000992158

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0212512	10% of values less than 0.157471	25% of values less than 0.558609
50% of values less than 1.32588	75% of values less than 1.99481	90% of values less than 2.43804
Minimum 0.05 less than 2.69053	Maximum 3.33621	
Mean 1.31312	SD 0.83931	Variance 0.704442

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0.0408187	10% of values less than 0.282526	25% of values less than 1.01199
50% of values less than 2.41681	75% of values less than 3.57543	90% of values less than 4.31196
Minimum 0.05 less than 4.68453	Maximum 5.64033	
Mean 2.35744	SD 1.48361	Variance 2.2011

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DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.017471	10% of values less than 0.0205258	25% of values less than 0.0291172
50% of values less than 0.0453218	75% of values less than 0.070226	90% of values less than 0.0969261
Minimum 0.00455112an 0.114559	Maximum 0.22297	
Mean 0.0530288	SD 0.0310606	Variance 0.000964758

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.0437515	10% of values less than 0.178846	25% of values less than 0.565655
50% of values less than 1.33831	75% of values less than 2.00427	90% of values less than 2.44247
Minimum 0.05 less than 2.69794	Maximum 3.33621	
Mean 1.32441	SD 0.840428	Variance 0.706319

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0.0733283	10% of values less than 0.312506	25% of values less than 1.02218
50% of values less than 2.44842	75% of values less than 3.60386	90% of values less than 4.31196
Minimum 0.05 less than 4.68589	Maximum 5.64033	
Mean 2.37796	SD 1.48576	Variance 2.20749

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 6.08801E-017
50% of values less than 2.09E-012	75% of values less than 3.14183E-010	90% of values less than 4.5687E-009
Minimum 0.es less than 1.18845E-008	Maximum 8.84728E-008	
Mean 2.38067E-009	SD 8.98022E-009	Variance 8.06443E-017

Project: Ford Bridgend CWRA Soil Source Assessment

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DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.10574	10% of values less than 3.3042	25% of values less than 3.86273
50% of values less than 4.67498	75% of values less than 5.33428	90% of values less than 6.00232
Minimum 2.7265ss than 6.39478	Maximum 7.84161	
Mean 4.66011	SD 1.00812	Variance 1.01631

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 5.52078	10% of values less than 5.96858	25% of values less than 6.93653
50% of values less than 8.38343	75% of values less than 9.71854	90% of values less than 10.878
Minimum 4.69354s than 11.8087	Maximum 15.5371	
Mean 8.42495	SD 1.91634	Variance 3.67236

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 1.91128E-007	10% of values less than 4.54754E-007	25% of values less than 1.28449E-006
50% of values less than 4.87877E-006	75% of values less than 1.53041E-005	90% of values less than 2.72472E-005
Minimum 6.13177E-009 3.41244E-005	Maximum 6.73171E-005	
Mean 9.95476E-006	SD 1.17733E-005	Variance 1.38611E-010

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 3.08846	10% of values less than 3.28805	25% of values less than 3.84244
50% of values less than 4.65242	75% of values less than 5.31311	90% of values less than 5.98581
Minimum 2.71113s than 6.37008	Maximum 7.81401	
Mean 4.64176	SD 1.00649	Variance 1.01302

Retarded Travel Time to DCE Receptor years

05% of values less than 5.49337	10% of values less than 5.93927	25% of values less than 6.90718
50% of values less than 8.35502	75% of values less than 9.67819	90% of values less than 10.843
Minimum 4.66778s than 11.7703	Maximum 15.4793	
Mean 8.39169	SD 1.91231	Variance 3.65692

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 3.16705E-007	10% of values less than 7.17047E-007	25% of values less than 1.91877E-006
50% of values less than 7.60032E-006	75% of values less than 2.27677E-005	90% of values less than 4.2607E-005
Minimum 9.94562E-009 5.38464E-005	Maximum 9.30217E-005	
Mean 1.51534E-005	SD 1.77961E-005	Variance 3.16703E-010

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at Source [mg/l] - 1000 years

05% of values less than 137.536	10% of values less than 144.072	25% of values less than 160.295
50% of values less than 193.165	75% of values less than 249.998	90% of values less than 302.672
Minimum 123.749s than 324.864	Maximum 402.78	
Mean 209.598	SD 60.7878	Variance 3695.16

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0.00266546	10% of values less than 0.123714	25% of values less than 0.54247
50% of values less than 1.24838	75% of values less than 1.87382	90% of values less than 2.3339
Minimum 0.00266546	Maximum 3.3857	
Mean 1.2443	SD 0.810986	Variance 0.657699

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0.00396224	10% of values less than 0.329784	25% of values less than 1.34029
50% of values less than 3.11091	75% of values less than 5.15164	90% of values less than 6.89555
Minimum 0.00396224	Maximum 11.4563	
Mean 3.40795	SD 2.45043	Variance 6.00462

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 0.451529	10% of values less than 3.2049	25% of values less than 17.8382
50% of values less than 46.4795	75% of values less than 104.51	90% of values less than 163.004
Minimum 1.971E-005an 206.954	Maximum 338.062	
Mean 69.1848	SD 67.0907	Variance 4501.17

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0144457	10% of values less than 0.109971	25% of values less than 0.598588
50% of values less than 1.66998	75% of values less than 3.49571	90% of values less than 5.77497
Minimum 5.3759E-007n 7.11056	Maximum 15.237	
Mean 2.39406	SD 2.43357	Variance 5.92228

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.887192	10% of values less than 1.02222	25% of values less than 1.43481
50% of values less than 2.1127	75% of values less than 2.75888	90% of values less than 3.23792
Minimum 0.67087s than 3.49515	Maximum 4.32065	
Mean 2.13413	SD 0.828819	Variance 0.68694

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 1.98592	10% of values less than 2.5196	25% of values less than 3.59433
50% of values less than 5.3554	75% of values less than 7.85544	90% of values less than 9.81316
Minimum 1.13872s than 11.0294	Maximum 14.6008	
Mean 5.84999	SD 2.81606	Variance 7.93019

Project: Ford Bridgend CWRA Soil Source Assessment

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TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00034114	10% of values less than 0.00141813	25% of values less than 0.0120586
50% of values less than 0.0443139	75% of values less than 0.118087	90% of values less than 0.233109
Minimum 1.25158E-008 0.328591	Maximum 1.12681	
Mean 0.0913758	SD 0.130593	Variance 0.0170546

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.248511	10% of values less than 0.36298	25% of values less than 0.788253
50% of values less than 1.4436	75% of values less than 2.09253	90% of values less than 2.56379
Minimum 0.09050061	Maximum 3.54877	
Mean 1.46698	SD 0.814747	Variance 0.663812

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0.624934	10% of values less than 0.9302	25% of values less than 1.90579
50% of values less than 3.70063	75% of values less than 5.7934	90% of values less than 7.63082
Minimum 0.191484	Maximum 12.1425	
Mean 4.01665	SD 2.52021	Variance 6.35146

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 5.0795E-005	10% of values less than 0.000227089	25% of values less than 0.00146798
50% of values less than 0.00616672	75% of values less than 0.0185913	90% of values less than 0.0431924
Minimum 3.35342E-009 0.0664031	Maximum 0.355624	
Mean 0.0163996	SD 0.0292507	Variance 0.000855601

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.0327878	10% of values less than 0.14393	25% of values less than 0.558167
50% of values less than 1.25163	75% of values less than 1.8766	90% of values less than 2.33883
Minimum 0.05 less than 2.59359	Maximum 3.3857	
Mean 1.25244	SD 0.810322	Variance 0.656621

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0.0676024	10% of values less than 0.354999	25% of values less than 1.37285
50% of values less than 3.14545	75% of values less than 5.16385	90% of values less than 6.9083
Minimum 0.05 less than 7.89221	Maximum 11.4563	
Mean 3.43029	SD 2.45003	Variance 6.00266

Project: Ford Bridgend CWRA Soil Source Assessment

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TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00658407	10% of values less than 0.0528432	25% of values less than 0.263633
50% of values less than 0.809527	75% of values less than 1.79896	90% of values less than 2.97537
Minimum 2.93911E-007 3.75367	Maximum 10.5437	
Mean 1.23209	SD 1.33555	Variance 1.78369

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0184485	10% of values less than 0.136874	25% of values less than 0.552903
50% of values less than 1.25163	75% of values less than 1.87422	90% of values less than 2.3339
Minimum 0.000000	Maximum 3.3857	
Mean 1.24789	SD 0.810719	Variance 0.657266

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0.0511795	10% of values less than 0.353171	25% of values less than 1.35287
50% of values less than 3.12211	75% of values less than 5.15172	90% of values less than 6.9083
Minimum 0.000000	Maximum 11.4563	
Mean 3.41782	SD 2.45018	Variance 6.00338

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.00547996	10% of values less than 0.0366432	25% of values less than 0.191347
50% of values less than 0.631111	75% of values less than 1.42364	90% of values less than 2.46616
Minimum 2.94103E-007 3.33215	Maximum 13.8005	
Mean 1.02052	SD 1.22886	Variance 1.51011

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0186527	10% of values less than 0.137042	25% of values less than 0.552903
50% of values less than 1.25163	75% of values less than 1.87422	90% of values less than 2.3339
Minimum 0.05 less than 2.58583	Maximum 3.3857	
Mean 1.24815	SD 0.810697	Variance 0.657229

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0.0511795	10% of values less than 0.353171	25% of values less than 1.35287
50% of values less than 3.12211	75% of values less than 5.15172	90% of values less than 6.9083
Minimum 0.05 less than 7.83961	Maximum 11.4563	
Mean 3.41852	SD 2.45016	Variance 6.00329

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.00483023	10% of values less than 0.0242983	25% of values less than 0.177536
50% of values less than 0.529439	75% of values less than 1.31895	90% of values less than 2.45946
Minimum 1.45845E-007 3.27084	Maximum 9.58113	
Mean 0.972991	SD 1.22996	Variance 1.5128

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.037951	10% of values less than 0.156957	25% of values less than 0.564122
50% of values less than 1.25945	75% of values less than 1.88248	90% of values less than 2.33954
Minimum 0.05 less than 2.59489	Maximum 3.3857	
Mean 1.25985	SD 0.81011	Variance 0.656279

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0.115824	10% of values less than 0.38259	25% of values less than 1.3974
50% of values less than 3.1651	75% of values less than 5.19187	90% of values less than 6.9083
Minimum 0.05 less than 7.89221	Maximum 11.4563	
Mean 3.45039	SD 2.45091	Variance 6.00697

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 4.35625E-016
50% of values less than 1.79511E-011	75% of values less than 3.21137E-009	90% of values less than 6.76087E-008
Minimum 0.es less than 2.68046E-007	Maximum 9.17528E-006	
Mean 8.34945E-008	SD 4.78503E-007	Variance 2.28965E-013

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TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.09747	10% of values less than 3.30382	25% of values less than 3.81121
50% of values less than 4.56462	75% of values less than 5.28198	90% of values less than 5.84616
Minimum 2.76979s than 6.29759	Maximum 8.00698	
Mean 4.59758	SD 0.989163	Variance 0.978443

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 6.15531	10% of values less than 6.91343	25% of values less than 8.99045
50% of values less than 12.1486	75% of values less than 15.6955	90% of values less than 18.3479
Minimum 4.2284ss than 20.5076	Maximum 30.568	
Mean 12.6196	SD 4.57171	Variance 20.9005

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 1.26194E-006	10% of values less than 1.50388E-005	25% of values less than 0.000292704
50% of values less than 0.0030194	75% of values less than 0.0167961	90% of values less than 0.0548735
Minimum 3.93268E-011 0.0861401	Maximum 0.374067	
Mean 0.0181308	SD 0.0400941	Variance 0.00160754

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 3.081	10% of values less than 3.28682	25% of values less than 3.79348
50% of values less than 4.54587	75% of values less than 5.26261	90% of values less than 5.82717
Minimum 2.75415s than 6.27416	Maximum 7.97879	
Mean 4.57922	SD 0.987457	Variance 0.975071

Retarded Travel Time to DCE Receptor years

05% of values less than 6.12562	10% of values less than 6.88232	25% of values less than 8.94957
50% of values less than 12.1026	75% of values less than 15.643	90% of values less than 18.2786
Minimum 4.20537s than 20.4443	Maximum 30.4401	
Mean 12.5691	SD 4.55657	Variance 20.7623

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.81153E-006	10% of values less than 2.20574E-005	25% of values less than 0.000430366
50% of values less than 0.00451137	75% of values less than 0.0245847	90% of values less than 0.0768233
Minimum 6.48419E-011 0.128856	Maximum 0.500752	
Mean 0.0269242	SD 0.0584881	Variance 0.00342086

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at Source [mg/l] - 1000 years

05% of values less than 9.87547	10% of values less than 10.2149	25% of values less than 11.3435
50% of values less than 13.832	75% of values less than 17.7357	90% of values less than 21.3692
Minimum 8.78351s than 23.1463	Maximum 27.952	
Mean 14.9115	SD 4.2934	Variance 18.4332

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0.103857	25% of values less than 0.589806
50% of values less than 1.30404	75% of values less than 1.96473	90% of values less than 2.46673
Minimum 0.05 less than 2.74358	Maximum 3.40747	
Mean 1.31298	SD 0.854842	Variance 0.730754

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0.31308	25% of values less than 1.44355
50% of values less than 3.25053	75% of values less than 5.30735	90% of values less than 7.36664
Minimum 0.05 less than 8.22325	Maximum 12.8516	
Mean 3.58722	SD 2.60932	Variance 6.80857

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TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 0.0390709	10% of values less than 0.190814	25% of values less than 0.905962
50% of values less than 3.15131	75% of values less than 7.6596	90% of values less than 11.7131
Minimum 7.38046E-005 14.9952	Maximum 24.3876	
Mean 4.84467	SD 4.91741	Variance 24.1809

TCE Waste Chip Plant - Trichloroethene (TCE)

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.000993198	10% of values less than 0.00436516	25% of values less than 0.0218629
50% of values less than 0.0804637	75% of values less than 0.185923	90% of values less than 0.308196
Minimum 2.35207E-006 0.387441	Maximum 0.798813	
Mean 0.123537	SD 0.132068	Variance 0.0174419

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.785331	10% of values less than 0.91077	25% of values less than 1.403
50% of values less than 2.14119	75% of values less than 2.7789	90% of values less than 3.32433
Minimum 0.610429 than 3.58229	Maximum 4.30675	
Mean 2.12131	SD 0.872115	Variance 0.760585

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 1.9208	10% of values less than 2.38175	25% of values less than 3.45473
50% of values less than 5.26255	75% of values less than 7.76528	90% of values less than 10.1069
Minimum 0.834559 than 11.2841	Maximum 15.4731	
Mean 5.8084	SD 2.96474	Variance 8.78969

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 6.36655E-011	10% of values less than 2.07057E-010	25% of values less than 1.60948E-009
50% of values less than 9.60826E-009	75% of values less than 4.20909E-008	90% of values less than 1.30735E-007
Minimum 6.12449E-014 2.08863E-007	Maximum 1.61428E-006	
Mean 4.98639E-008	SD 1.20882E-007	Variance 1.46125E-014

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TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.155015	10% of values less than 0.253825	25% of values less than 0.728572
50% of values less than 1.4456	75% of values less than 2.07503	90% of values less than 2.60536
Minimum 0.03708391	Maximum 3.56303	
Mean 1.44941	SD 0.85618	Variance 0.733044

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0.413508	10% of values less than 0.672729	25% of values less than 1.76582
50% of values less than 3.62468	75% of values less than 5.78974	90% of values less than 7.80045
Minimum 0.05069991	Maximum 13.1472	
Mean 3.96186	SD 2.65622	Variance 7.05552

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.65801E-020	90% of values less than 2.14568E-017
Minimum 0.es less than 9.56628E-017	Maximum 8.97843E-015	
Mean 4.14126E-017	SD 3.84471E-016	Variance 1.47818E-031

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0.103857	25% of values less than 0.589806
50% of values less than 1.30404	75% of values less than 1.96473	90% of values less than 2.46673
Minimum 0.05 less than 2.74358	Maximum 3.40747	
Mean 1.31298	SD 0.854842	Variance 0.730754

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0.31308	25% of values less than 1.44355
50% of values less than 3.25053	75% of values less than 5.30735	90% of values less than 7.36664
Minimum 0.05 less than 8.22325	Maximum 12.8516	
Mean 3.58722	SD 2.60932	Variance 6.80857

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 3.48137E-018	Maximum 1.38749E-014	
Mean 4.46303E-017	SD 6.21519E-016	Variance 3.86286E-031

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TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.00338846	10% of values less than 0.13818	25% of values less than 0.681845
50% of values less than 1.43654	75% of values less than 2.18329	90% of values less than 3.01023
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 83917.4	SD 277400	Variance 7.6951E+010

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0.00610606	10% of values less than 0.360223	25% of values less than 1.57204
50% of values less than 3.59959	75% of values less than 6.23088	90% of values less than 9.55188
Minimum 0.es less than 2.4726E+006	Maximum 4.85153E+006	
Mean 234904	SD 815604	Variance 6.6521E+011

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

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TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.00279237	10% of values less than 0.129602	25% of values less than 0.665984
50% of values less than 1.41678	75% of values less than 2.13103	90% of values less than 2.9003
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 70930.4	SD 256835	Variance 6.5964E+010

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0.00517389	10% of values less than 0.360149	25% of values less than 1.56395
50% of values less than 3.5641	75% of values less than 6.05636	90% of values less than 9.03086
Minimum 0.es less than 2.18913E+006	Maximum 4.85153E+006	
Mean 200081	SD 759739	Variance 5.77204E+011

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 1.52176E-016
Minimum 0.es less than 1.88569E-015	Maximum 4.9617E-012	
Mean 1.65753E-014	SD 2.25843E-013	Variance 5.10052E-026

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0.103857	25% of values less than 0.589806
50% of values less than 1.30404	75% of values less than 1.96473	90% of values less than 2.46673
Minimum 0.05 less than 2.74358	Maximum 3.40747	
Mean 1.31298	SD 0.854842	Variance 0.730754

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0.31308	25% of values less than 1.44355
50% of values less than 3.25053	75% of values less than 5.30735	90% of values less than 7.36664
Minimum 0.05 less than 8.22325	Maximum 12.8516	
Mean 3.58722	SD 2.60932	Variance 6.80857

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TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0.000320034	10% of values less than 0.0012228	25% of values less than 0.00597137
50% of values less than 0.0261837	75% of values less than 0.0758209	90% of values less than 0.137919
Minimum 6.69241E-007 0.196179	Maximum 0.647459	
Mean 0.0529708	SD 0.0710826	Variance 0.00505273

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TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.99448	10% of values less than 3.21139	25% of values less than 3.82391
50% of values less than 4.53314	75% of values less than 5.34307	90% of values less than 5.98155
Minimum 2.72586s than 6.40849	Maximum 7.62558	
Mean 4.60229	SD 1.03707	Variance 1.07552

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 5.96911	10% of values less than 6.90897	25% of values less than 8.99606
50% of values less than 11.971	75% of values less than 15.8602	90% of values less than 18.932
Minimum 3.72895s than 21.1429	Maximum 30.555	
Mean 12.6267	SD 4.74219	Variance 22.4884

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 1.15334E-009	10% of values less than 1.22411E-008	25% of values less than 2.36627E-007
50% of values less than 3.06049E-006	75% of values less than 1.99942E-005	90% of values less than 5.97467E-005
Minimum 3.50598E-012 0.000104744	Maximum 0.000445961	
Mean 2.15567E-005	SD 4.92137E-005	Variance 2.42199E-009

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TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.97867	10% of values less than 3.19575	25% of values less than 3.80646
50% of values less than 4.5173	75% of values less than 5.32624	90% of values less than 5.96214
Minimum 2.71027s than 6.38488	Maximum 7.59945	
Mean 4.5838	SD 1.03534	Variance 1.07193

Retarded Travel Time to DCE Receptor years

05% of values less than 5.93603	10% of values less than 6.88769	25% of values less than 8.95245
50% of values less than 11.9263	75% of values less than 15.7934	90% of values less than 18.8635
Minimum 3.70738s than 21.0778	Maximum 30.4308	
Mean 12.5759	SD 4.72693	Variance 22.3438

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.44355E-008	10% of values less than 1.44943E-007	25% of values less than 2.86426E-006
50% of values less than 3.48806E-005	75% of values less than 0.000213165	90% of values less than 0.000669721
Minimum 4.15437E-011 0.00111614	Maximum 0.00486275	
Mean 0.000230965	SD 0.000507268	Variance 2.5732E-007

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.896368	10% of values less than 1.05091	25% of values less than 1.47081
50% of values less than 2.18878	75% of values less than 2.89536	90% of values less than 3.3601
Minimum 0.654131 than 3.56021	Maximum 4.18628	
Mean 2.19754	SD 0.857362	Variance 0.735069

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 1.61657	10% of values less than 1.86464	25% of values less than 2.63104
50% of values less than 3.98429	75% of values less than 5.22951	90% of values less than 5.93981
Minimum 1.1783ss than 6.37711	Maximum 7.78949	
Mean 3.96083	SD 1.53069	Variance 2.343

Naphthalene

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0916317	90% of values less than 0.153595
Minimum 0.05 less than 0.17396	Maximum 0.279543	
Mean 0.0475164	SD 0.0645416	Variance 0.00416562

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 4.63679	90% of values less than 7.78695
Minimum 0.05 less than 9.07938	Maximum 17.2733	
Mean 2.46438	SD 3.41275	Variance 11.6468

Trichloroethene (TCE)

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.758875	10% of values less than 0.832146	25% of values less than 1.07658
50% of values less than 1.55068	75% of values less than 2.07256	90% of values less than 2.56057
Minimum 0.610429 than 2.85331	Maximum 3.37762	
Mean 1.63218	SD 0.652928	Variance 0.426315

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 1.60396	10% of values less than 1.97021	25% of values less than 2.74029
50% of values less than 3.96444	75% of values less than 5.82217	90% of values less than 7.97636
Minimum 0.834559 than 9.08569	Maximum 13.5228	
Mean 4.5156	SD 2.31252	Variance 5.34774

EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.0224645	10% of values less than 0.0420972	25% of values less than 0.100593
50% of values less than 0.416686	75% of values less than 0.596412	90% of values less than 0.702335
Minimum 0.000134812	Maximum 1.14954	
Mean 0.362888	SD 0.272593	Variance 0.074307

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 1.16279	10% of values less than 2.11466	25% of values less than 5.22853
50% of values less than 20.6353	75% of values less than 29.3951	90% of values less than 36.1478
Minimum 0.00832565	Maximum 74.7715	
Mean 18.7126	SD 14.6756	Variance 215.374

EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.0224645	10% of values less than 0.0420972	25% of values less than 0.100593
50% of values less than 0.416686	75% of values less than 0.596412	90% of values less than 0.702335
Minimum 0.000134812	Maximum 1.14954	
Mean 0.362888	SD 0.272593	Variance 0.074307

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 2.299	10% of values less than 4.18803	25% of values less than 10.3449
50% of values less than 40.8411	75% of values less than 58.2491	90% of values less than 71.5495
Minimum 0.01651651	Maximum 148.394	
Mean 37.0623	SD 29.0878	Variance 846.102

EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.0224645	10% of values less than 0.0420972	25% of values less than 0.100593
50% of values less than 0.416686	75% of values less than 0.596412	90% of values less than 0.702335
Minimum 0.000134812	Maximum 1.14954	
Mean 0.362888	SD 0.272593	Variance 0.074307

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 7.29831	10% of values less than 13.3109	25% of values less than 32.8733
50% of values less than 129.785	75% of values less than 185.207	90% of values less than 227.715
Minimum 0.0525562	Maximum 472.33	
Mean 117.801	SD 92.5019	Variance 8556.6

1,2-Dichloroethene (1,2-DCE)

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000405647	10% of values less than 0.00053692	25% of values less than 0.000768902
50% of values less than 0.00126504	75% of values less than 0.00174343	90% of values less than 0.00235985
Minimum 0.000147864	Maximum 0.00451931	
Mean 0.00134466	SD 0.000722268	Variance 5.21671E-007

Naphthalene

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00165876	10% of values less than 0.0025096	25% of values less than 0.00480759
50% of values less than 0.0110822	75% of values less than 0.0282134	90% of values less than 0.054118
Minimum 2.92607E-005 0.078248	Maximum 0.151102	
Mean 0.020958	SD 0.0250192	Variance 0.00062596

Trichloroethene (TCE)

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000341141	10% of values less than 0.0014182	25% of values less than 0.0120586
50% of values less than 0.044314	75% of values less than 0.118087	90% of values less than 0.233109
Minimum 1.07541E-007 0.328591	Maximum 1.12681	
Mean 0.0913759	SD 0.130593	Variance 0.0170546

EC10-EC12 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0133605	10% of values less than 0.0190866	25% of values less than 0.0375711
50% of values less than 0.0908677	75% of values less than 0.233734	90% of values less than 0.479241
Minimum 0.0002524231 0.641542	Maximum 1.35609	
Mean 0.177492	SD 0.21353	Variance 0.045595

EC12-EC16 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.054037	10% of values less than 0.0669803	25% of values less than 0.113624
50% of values less than 0.215419	75% of values less than 0.351923	90% of values less than 0.495213
Minimum 0.01218031	Maximum 0.941171	
Mean 0.250906	SD 0.169707	Variance 0.0288005

EC16-EC21 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00204779	10% of values less than 0.00305997	25% of values less than 0.00553378
50% of values less than 0.0111349	75% of values less than 0.0228719	90% of values less than 0.0403443
Minimum 0.0002112931 0.0518037	Maximum 0.088854	
Mean 0.01683	SD 0.0157553	Variance 0.000248229

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.26801	10% of values less than 0.39775	25% of values less than 0.768921
50% of values less than 1.53273	75% of values less than 2.22279	90% of values less than 2.65105
Minimum 0.09171641	Maximum 3.49618	
Mean 1.53062	SD 0.845322	Variance 0.71457

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.479042	10% of values less than 0.721191	25% of values less than 1.3758
50% of values less than 2.80211	75% of values less than 3.99169	90% of values less than 4.69811
Minimum 0.166827	Maximum 6.04699	
Mean 2.75186	SD 1.49681	Variance 2.24043

Naphthalene

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 4.05967E+007	10% of values less than 4.24182E+007	25% of values less than 4.58735E+007
50% of values less than 5.11072E+007	75% of values less than 5.6236E+007	90% of values less than 6.20168E+007
Minimum 3.62922E+0076.5045E+007	Maximum 7.34333E+007	
Mean 5.15841E+007	SD 7.47309E+006	Variance 5.5847E+013

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Trichloroethene (TCE)

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.136163	10% of values less than 0.196424	25% of values less than 0.415619
50% of values less than 0.872095	75% of values less than 1.40797	90% of values less than 1.86323
Minimum 0.03708391	Maximum 2.74694	
Mean 0.962621	SD 0.633381	Variance 0.401172

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.344057	10% of values less than 0.50406	25% of values less than 1.0594
50% of values less than 2.15436	75% of values less than 3.87587	90% of values less than 5.67212
Minimum 0.05069991	Maximum 10.8448	
Mean 2.67563	SD 2.0089	Variance 4.03568

EC10-EC12 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.0126832	10% of values less than 0.0267291	25% of values less than 0.073047
50% of values less than 0.155141	75% of values less than 0.252772	90% of values less than 0.314595
Minimum 6.62807E-005 0.360103	Maximum 0.486756	
Mean 0.166082	SD 0.110855	Variance 0.0122889

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.654703	10% of values less than 1.35561	25% of values less than 3.64504
50% of values less than 7.77807	75% of values less than 12.7446	90% of values less than 16.3625
Minimum 0.00347231an 18.8151	Maximum 30.5164	
Mean 8.59824	SD 6.03152	Variance 36.3792

EC12-EC16 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.0126832	10% of values less than 0.0267291	25% of values less than 0.073047
50% of values less than 0.155141	75% of values less than 0.252772	90% of values less than 0.314595
Minimum 6.62807E-005 0.360103	Maximum 0.486756	
Mean 0.166082	SD 0.110855	Variance 0.0122889

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1.2965	10% of values less than 2.68492	25% of values less than 7.21752
50% of values less than 15.4149	75% of values less than 25.2597	90% of values less than 32.4596
Minimum 0.00687833an 37.3387	Maximum 60.581	
Mean 17.0304	SD 11.9562	Variance 142.95

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC16-EC21 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.0126832	10% of values less than 0.0267291	25% of values less than 0.073047
50% of values less than 0.155141	75% of values less than 0.252772	90% of values less than 0.314595
Minimum 6.62807E-005 0.360103	Maximum 0.486756	
Mean 0.166082	SD 0.110855	Variance 0.0122889

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 4.12038	10% of values less than 8.53294	25% of values less than 22.9389
50% of values less than 49.0168	75% of values less than 80.2501	90% of values less than 103.246
Minimum 0.02186481an 118.735	Maximum 192.866	
Mean 54.1319	SD 38.0248	Variance 1445.89

1,2-Dichloroethene (1,2-DCE)

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 4.803E-005	10% of values less than 7.85814E-005	25% of values less than 0.000155859
50% of values less than 0.000370911	75% of values less than 0.000809412	90% of values less than 0.00130228
Minimum 1.52828E-005 0.00166383	Maximum 0.00282722	
Mean 0.000551699	SD 0.000508312	Variance 2.58381E-007

Naphthalene

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 5.0795E-005	10% of values less than 0.000227089	25% of values less than 0.00146798
50% of values less than 0.00616672	75% of values less than 0.0185913	90% of values less than 0.0431924
Minimum 3.35342E-009 0.0664031	Maximum 0.355624	
Mean 0.0163996	SD 0.0292507	Variance 0.000855601

EC10-EC12 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00361991	10% of values less than 0.0048479	25% of values less than 0.00818613
50% of values less than 0.0140931	75% of values less than 0.0250033	90% of values less than 0.0437656
Minimum 0.00115113an 0.0581415	Maximum 0.128622	
Mean 0.0200851	SD 0.0180006	Variance 0.00032402

EC12-EC16 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0475236	10% of values less than 0.0580427	25% of values less than 0.0769163
50% of values less than 0.103075	75% of values less than 0.136655	90% of values less than 0.179483
Minimum 0.016519	Maximum 0.441795	
Mean 0.112722	SD 0.0524626	Variance 0.00275233

EC16-EC21 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00275325	10% of values less than 0.00340506	25% of values less than 0.0047405
50% of values less than 0.0068075	75% of values less than 0.00998029	90% of values less than 0.0147531
Minimum 0.00103957an 0.0185512	Maximum 0.0376487	
Mean 0.00820993	SD 0.00518443	Variance 2.68783E-005

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.0298805	10% of values less than 0.166932	25% of values less than 0.563308
50% of values less than 1.32954	75% of values less than 2.00055	90% of values less than 2.44066
Minimum 0.05 less than 2.6948	Maximum 3.33621	
Mean 1.31716	SD 0.839773	Variance 0.705219

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.0529678	10% of values less than 0.298311	25% of values less than 1.01199
50% of values less than 2.43571	75% of values less than 3.59201	90% of values less than 4.31196
Minimum 0.05 less than 4.68571	Maximum 5.64033	
Mean 2.36478	SD 1.48448	Variance 2.20367

Naphthalene

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 4.05967E+007	10% of values less than 4.24182E+007	25% of values less than 4.58735E+007
50% of values less than 5.11072E+007	75% of values less than 5.6236E+007	90% of values less than 6.20168E+007
Minimum 3.62922E+0076.5045E+007	Maximum 7.34333E+007	
Mean 5.15841E+007	SD 7.47309E+006	Variance 5.5847E+013

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0.0484416	25% of values less than 0.274556
50% of values less than 0.748169	75% of values less than 1.28588	90% of values less than 1.76344
Minimum 0.05 less than 2.01256	Maximum 3.05998	
Mean 0.838498	SD 0.642608	Variance 0.412945

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0.149245	25% of values less than 0.718297
50% of values less than 1.81857	75% of values less than 3.48924	90% of values less than 5.2124
Minimum 0.05 less than 6.14218	Maximum 9.78145	
Mean 2.32374	SD 1.9735	Variance 3.89471

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.00168633	90% of values less than 0.0446325
Minimum 0.0580974	Maximum 0.108468	
Mean 0.00977057	SD 0.0204488	Variance 0.000418154

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0863341	90% of values less than 2.16858
Minimum 0.291993	Maximum 7.46773	
Mean 0.499595	SD 1.07106	Variance 1.14717

EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.00168633	90% of values less than 0.0446325
Minimum 0.0580974	Maximum 0.108468	
Mean 0.00977057	SD 0.0204488	Variance 0.000418154

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.171048	90% of values less than 4.29301
Minimum 0.576585	Maximum 14.8322	
Mean 0.98942	SD 2.12197	Variance 4.50274

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.00168633	90% of values less than 0.0446325
Minimum 0.es less than 0.0580974	Maximum 0.108468	
Mean 0.00977057	SD 0.0204488	Variance 0.000418154

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.543791	90% of values less than 13.6405
Minimum 0.es less than 18.2879	Maximum 47.2358	
Mean 3.14465	SD 6.74595	Variance 45.5078

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

1,2-Dichloroethene (1,2-DCE)

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0356645	10% of values less than 0.0392832	25% of values less than 0.0472253
50% of values less than 0.0602612	75% of values less than 0.0800485	90% of values less than 0.100062
Minimum 0.02492231	Maximum 0.20812	
Mean 0.066587	SD 0.0273154	Variance 0.000746129

Naphthalene

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00658407	10% of values less than 0.0528432	25% of values less than 0.263633
50% of values less than 0.809527	75% of values less than 1.79896	90% of values less than 2.97537
Minimum 2.93911E-007 3.75367	Maximum 10.5437	
Mean 1.23209	SD 1.33555	Variance 1.78369

EC10-EC12 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000360267	10% of values less than 0.000600655	25% of values less than 0.00201317
50% of values less than 0.00785113	75% of values less than 0.0194093	90% of values less than 0.0348421
Minimum 9.58672E-008 0.0438203	Maximum 0.101719	
Mean 0.0132831	SD 0.014826	Variance 0.000219809

EC12-EC16 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00140161	10% of values less than 0.00327082	25% of values less than 0.0119112
50% of values less than 0.0471439	75% of values less than 0.0880585	90% of values less than 0.117442
Minimum 2.46907E-007 0.140959	Maximum 0.283866	
Mean 0.0549983	SD 0.0467099	Variance 0.00218182

EC16-EC21 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000187706	10% of values less than 0.00034325	25% of values less than 0.00124216
50% of values less than 0.00467051	75% of values less than 0.00986299	90% of values less than 0.0156154
Minimum 3.59709E-008 0.0187163	Maximum 0.0381595	
Mean 0.00637664	SD 0.00612796	Variance 3.7552E-005

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0212512	10% of values less than 0.157471	25% of values less than 0.557647
50% of values less than 1.32588	75% of values less than 1.99481	90% of values less than 2.43763
Minimum 0.05 less than 2.68873	Maximum 3.33621	
Mean 1.31289	SD 0.839282	Variance 0.704393

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0408187	10% of values less than 0.282526	25% of values less than 1.00998
50% of values less than 2.41681	75% of values less than 3.57347	90% of values less than 4.31196
Minimum 0.05 less than 4.68453	Maximum 5.64033	
Mean 2.35702	SD 1.48356	Variance 2.20094

Naphthalene

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 4.05967E+007	10% of values less than 4.24182E+007	25% of values less than 4.58735E+007
50% of values less than 5.11072E+007	75% of values less than 5.6236E+007	90% of values less than 6.20168E+007
Minimum 3.62922E+0076.5045E+007	Maximum 7.34333E+007	
Mean 5.15841E+007	SD 7.47309E+006	Variance 5.5847E+013

Trichloroethene (TCE)

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.00266546	10% of values less than 0.0569913	25% of values less than 0.304663
50% of values less than 0.797691	75% of values less than 1.32898	90% of values less than 1.84193
Minimum 0.05 less than 2.07861	Maximum 1E+006	
Mean 3996.88	SD 63119.1	Variance 3.98402E+009

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.00396224	10% of values less than 0.167975	25% of values less than 0.769678
50% of values less than 1.90322	75% of values less than 3.62059	90% of values less than 5.40623
Minimum 0.05 less than 6.45351	Maximum 4.35737E+006	
Mean 13403.2	SD 221624	Variance 4.91171E+010

EC10-EC12 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0231733
Minimum 0.037184	Maximum 0.0769282	
Mean 0.00512043	SD 0.0129123	Variance 0.000166727

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 1.09699
Minimum 0.19036	Maximum 5.11636	
Mean 0.261302	SD 0.67755	Variance 0.459073

EC12-EC16 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0231733
Minimum 0.037184	Maximum 0.0769282	
Mean 0.00512043	SD 0.0129123	Variance 0.000166727

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 2.16932
Minimum 0.376956	Maximum 10.162	
Mean 0.517483	SD 1.34236	Variance 1.80192

EC16-EC21 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0231733
Minimum 0.037184	Maximum 0.0769282	
Mean 0.00512043	SD 0.0129123	Variance 0.000166727

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 6.89515
Minimum 0.119798	Maximum 32.3626	
Mean 1.64468	SD 4.26751	Variance 18.2117

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

1,2-Dichloroethene (1,2-DCE)

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.0200501	10% of values less than 0.024971	25% of values less than 0.0347684
50% of values less than 0.0479333	75% of values less than 0.0701952	90% of values less than 0.0977729
Minimum 0.00525981	Maximum 0.232457	
Mean 0.0563601	SD 0.0314985	Variance 0.000992158

Naphthalene

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.00547996	10% of values less than 0.0366432	25% of values less than 0.191347
50% of values less than 0.631111	75% of values less than 1.42364	90% of values less than 2.46616
Minimum 2.94103E-007 3.33215	Maximum 13.8005	
Mean 1.02052	SD 1.22886	Variance 1.51011

EC10-EC12 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.00144064	10% of values less than 0.00211216	25% of values less than 0.00517478
50% of values less than 0.014317	75% of values less than 0.0290105	90% of values less than 0.0450873
Minimum 3.61516E-008 0.0540244	Maximum 0.1237	
Mean 0.0194858	SD 0.0181011	Variance 0.000327651

EC12-EC16 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.00682599	10% of values less than 0.0106469	25% of values less than 0.0292223
50% of values less than 0.0732611	75% of values less than 0.106513	90% of values less than 0.134129
Minimum 8.18034E-008 0.154248	Maximum 0.305725	
Mean 0.0729164	SD 0.0482966	Variance 0.00233256

EC16-EC21 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.00077101	10% of values less than 0.00120039	25% of values less than 0.00310803
50% of values less than 0.00747624	75% of values less than 0.0129054	90% of values less than 0.0186337
Minimum 1.23594E-008 0.0217282	Maximum 0.0438699	
Mean 0.00890029	SD 0.00689637	Variance 4.75599E-005

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0212512	10% of values less than 0.157471	25% of values less than 0.558609
50% of values less than 1.32588	75% of values less than 1.99481	90% of values less than 2.43804
Minimum 0.05 less than 2.69053	Maximum 3.33621	
Mean 1.31312	SD 0.83931	Variance 0.704442

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0408187	10% of values less than 0.282526	25% of values less than 1.01199
50% of values less than 2.41681	75% of values less than 3.57543	90% of values less than 4.31196
Minimum 0.05 less than 4.68453	Maximum 5.64033	
Mean 2.35744	SD 1.48361	Variance 2.2011

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Naphthalene

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 4.05967E+007	10% of values less than 4.24182E+007	25% of values less than 4.58735E+007
50% of values less than 5.11072E+007	75% of values less than 5.6236E+007	90% of values less than 6.20168E+007
Minimum 3.62922E+0076.5045E+007	Maximum 7.34333E+007	
Mean 5.15841E+007	SD 7.47309E+006	Variance 5.5847E+013

Trichloroethene (TCE)

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.00266546	10% of values less than 0.0554587	25% of values less than 0.302667
50% of values less than 0.792635	75% of values less than 1.32451	90% of values less than 1.82529
Minimum 0.00000000	Maximum 1E+006	
Mean 2997.87	SD 54690.2	Variance 2.99102E+009

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.00396224	10% of values less than 0.167019	25% of values less than 0.76805
50% of values less than 1.90322	75% of values less than 3.59959	90% of values less than 5.35228
Minimum 0.00000000	Maximum 4.3001E+006	
Mean 9050.17	SD 173863	Variance 3.02283E+010

EC10-EC12 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0248166
Minimum 0.0387194	Maximum 0.0791263	
Mean 0.00539743	SD 0.013412	Variance 0.000179881

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 1.16369
Minimum 0.19672	Maximum 5.28023	
Mean 0.275483	SD 0.703534	Variance 0.49496

EC12-EC16 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0248166
Minimum 0.es less than 0.0387194	Maximum 0.0791263	
Mean 0.00539743	SD 0.013412	Variance 0.000179881

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 2.30483
Minimum 0.es less than 3.8955	Maximum 10.4874	
Mean 0.545568	SD 1.39383	Variance 1.94277

EC16-EC21 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0248166
Minimum 0.es less than 0.0387194	Maximum 0.0791263	
Mean 0.00539743	SD 0.013412	Variance 0.000179881

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 7.32587
Minimum 0.es less than 12.38	Maximum 33.3991	
Mean 1.73394	SD 4.43115	Variance 19.6351

1,2-Dichloroethene (1,2-DCE)

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.017471	10% of values less than 0.0205258	25% of values less than 0.0291172
50% of values less than 0.0453218	75% of values less than 0.070226	90% of values less than 0.0969261
Minimum 0.00455112an 0.114559	Maximum 0.22297	
Mean 0.0530288	SD 0.0310606	Variance 0.000964758

Naphthalene

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.00483023	10% of values less than 0.0242983	25% of values less than 0.177536
50% of values less than 0.529439	75% of values less than 1.31895	90% of values less than 2.45946
Minimum 1.45845E-007 3.27084	Maximum 9.58113	
Mean 0.972991	SD 1.22996	Variance 1.5128

EC10-EC12 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 3.14611E-008	10% of values less than 5.34967E-006	25% of values less than 0.000111792
50% of values less than 0.00174646	75% of values less than 0.0105335	90% of values less than 0.0223548
Minimum 0.es less than 0.0378379	Maximum 0.1172	
Mean 0.00795474	SD 0.0134872	Variance 0.000181904

EC12-EC16 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 1.03659E-007	10% of values less than 1.75591E-005	25% of values less than 0.000533941
50% of values less than 0.00911529	75% of values less than 0.0517009	90% of values less than 0.0902832
Minimum 0.es less than 0.114734	Maximum 0.257116	
Mean 0.0300956	SD 0.0402575	Variance 0.00162067

EC16-EC21 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 1.34507E-008	10% of values less than 2.33604E-006	25% of values less than 5.90979E-005
50% of values less than 0.000903605	75% of values less than 0.00548408	90% of values less than 0.011085
Minimum 0.000000000	Maximum 0.0431179	
Mean 0.00366038	SD 0.00546973	Variance 2.99179E-005

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.0437515	10% of values less than 0.178846	25% of values less than 0.565655
50% of values less than 1.33831	75% of values less than 2.00427	90% of values less than 2.44247
Minimum 0.05 less than 2.69794	Maximum 3.33621	
Mean 1.32441	SD 0.840428	Variance 0.706319

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.0733283	10% of values less than 0.312506	25% of values less than 1.02218
50% of values less than 2.44842	75% of values less than 3.60386	90% of values less than 4.31196
Minimum 0.05 less than 4.68589	Maximum 5.64033	
Mean 2.37796	SD 1.48576	Variance 2.20749

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Naphthalene

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0.0113081	Variance -0.000127872

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 4.05967E+007	10% of values less than 4.24182E+007	25% of values less than 4.58735E+007
50% of values less than 5.11072E+007	75% of values less than 5.6236E+007	90% of values less than 6.20168E+007
Minimum 3.62922E+0076.5045E+007	Maximum 7.34333E+007	
Mean 5.15841E+007	SD 7.47309E+006	Variance 5.5847E+013

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Trichloroethene (TCE)

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0.052811	25% of values less than 0.273736
50% of values less than 0.755364	75% of values less than 1.28656	90% of values less than 1.76011
Minimum 0.05 less than 2.02532	Maximum 3.05998	
Mean 0.837682	SD 0.639756	Variance 0.409288

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0.160883	25% of values less than 0.718297
50% of values less than 1.81363	75% of values less than 3.47385	90% of values less than 5.2064
Minimum 0.05 less than 6.11575	Maximum 9.87301	
Mean 2.32049	SD 1.96646	Variance 3.86696

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC10-EC12 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0253484	90% of values less than 0.0693816
Minimum 0.0836259	Maximum 0.14573	
Mean 0.0173273	SD 0.0300668	Variance 0.000904011

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.25455	90% of values less than 3.46507
Minimum 0.12174	Maximum 10.2457	
Mean 0.88605	SD 1.57565	Variance 2.48268

EC12-EC16 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0253484	90% of values less than 0.0693816
Minimum 0.0836259	Maximum 0.14573	
Mean 0.0173273	SD 0.0300668	Variance 0.000904011

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 2.48192	90% of values less than 6.86051
Minimum 0.14631	Maximum 20.3497	
Mean 1.75477	SD 3.1217	Variance 9.74502

EC16-EC21 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0253484	90% of values less than 0.0693816
Minimum 0.es less than 0.0836259	Maximum 0.14573	
Mean 0.0173273	SD 0.0300668	Variance 0.000904011

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 7.88237	90% of values less than 21.8138
Minimum 0.es less than 25.9025	Maximum 64.8073	
Mean 5.57715	SD 9.92434	Variance 98.4925

1,2-Dichloroethene (1,2-DCE)

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 6.08801E-017
50% of values less than 2.09E-012	75% of values less than 3.14183E-010	90% of values less than 4.5687E-009
Minimum 0.es less than 1.18845E-008	Maximum 8.84728E-008	
Mean 2.38067E-009	SD 8.98022E-009	Variance 8.06443E-017

Naphthalene

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0.000320047	10% of values less than 0.0012228	25% of values less than 0.00597137
50% of values less than 0.0261837	75% of values less than 0.0758224	90% of values less than 0.137919
Minimum 6.78088E-007 0.196179	Maximum 0.64746	
Mean 0.0529709	SD 0.0710826	Variance 0.00505274

EC10-EC12 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 4.42131E-017	75% of values less than 3.98417E-013	90% of values less than 1.56803E-010
Minimum 0.es less than 1.18235E-009	Maximum 5.34808E-008	
Mean 6.50751E-010	SD 3.81966E-009	Variance 1.45898E-017

EC12-EC16 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.07168E-016	75% of values less than 2.54565E-012	90% of values less than 1.03429E-009
Minimum 0.es less than 1.22133E-008	Maximum 4.12664E-007	
Mean 4.93361E-009	SD 2.91466E-008	Variance 8.49525E-016

EC16-EC21 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.24093E-017	75% of values less than 2.88218E-013	90% of values less than 9.55015E-011
Minimum 0.es less than 1.00732E-009	Maximum 3.18362E-008	
Mean 3.86205E-010	SD 2.21971E-009	Variance 4.92713E-018

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.10574	10% of values less than 3.3042	25% of values less than 3.86273
50% of values less than 4.67498	75% of values less than 5.33428	90% of values less than 6.00232
Minimum 2.7265ss than 6.39478	Maximum 7.84161	
Mean 4.66011	SD 1.00812	Variance 1.01631

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 5.52078	10% of values less than 5.96858	25% of values less than 6.93653
50% of values less than 8.38343	75% of values less than 9.71854	90% of values less than 10.878
Minimum 4.69354s than 11.8087	Maximum 15.5371	
Mean 8.42495	SD 1.91634	Variance 3.67236

Naphthalene

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.87359	10% of values less than 1.91764	25% of values less than 2.01972
50% of values less than 2.17697	75% of values less than 2.48157	90% of values less than 2.83725
Minimum 1.72367s than 3.05312	Maximum 3.77894	
Mean 2.28479	SD 0.362281	Variance 0.131247

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 88.7586	10% of values less than 91.6317	25% of values less than 99.9923
50% of values less than 110.289	75% of values less than 126.036	90% of values less than 158.807
Minimum 79.837ss than 184.697	Maximum 244.912	
Mean 118.174	SD 28.5081	Variance 812.713

Trichloroethene (TCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.91984	10% of values less than 3.06418	25% of values less than 3.43025
50% of values less than 3.99682	75% of values less than 4.69355	90% of values less than 5.31578
Minimum 2.72586s than 5.63547	Maximum 7.13295	
Mean 4.10445	SD 0.853517	Variance 0.728492

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 5.46047	10% of values less than 6.18729	25% of values less than 8.06648
50% of values less than 10.9346	75% of values less than 13.8877	90% of values less than 16.8919
Minimum 3.72895s than 18.5369	Maximum 29.5028	
Mean 11.3094	SD 4.17161	Variance 17.4023

EC10-EC12 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.87359	10% of values less than 1.91764	25% of values less than 2.01972
50% of values less than 2.17697	75% of values less than 2.48157	90% of values less than 2.83725
Minimum 1.72367s than 3.05312	Maximum 3.77894	
Mean 2.28479	SD 0.362281	Variance 0.131247

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 88.7586	10% of values less than 91.6317	25% of values less than 99.9923
50% of values less than 110.289	75% of values less than 126.036	90% of values less than 158.807
Minimum 79.837ss than 184.697	Maximum 244.912	
Mean 118.174	SD 28.5081	Variance 812.713

EC12-EC16 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.87359	10% of values less than 1.91764	25% of values less than 2.01972
50% of values less than 2.17697	75% of values less than 2.48157	90% of values less than 2.83725
Minimum 1.72367s than 3.05312	Maximum 3.77894	
Mean 2.28479	SD 0.362281	Variance 0.131247

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 175.603	10% of values less than 181.272	25% of values less than 198.026
50% of values less than 218.498	75% of values less than 249.643	90% of values less than 315.072
Minimum 157.82ss than 366.38	Maximum 486.436	
Mean 234.063	SD 56.7432	Variance 3219.79

EC16-EC21 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.87359	10% of values less than 1.91764	25% of values less than 2.01972
50% of values less than 2.17697	75% of values less than 2.48157	90% of values less than 2.83725
Minimum 1.72367s than 3.05312	Maximum 3.77894	
Mean 2.28479	SD 0.362281	Variance 0.131247

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 557.585	10% of values less than 575.945	25% of values less than 629.293
50% of values less than 694.865	75% of values less than 793.319	90% of values less than 1002.64
Minimum 500.946s than 1165.77	Maximum 1549.14	
Mean 743.974	SD 180.979	Variance 32753.6

1,2-Dichloroethene (1,2-DCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 1.91128E-007	10% of values less than 4.54754E-007	25% of values less than 1.28449E-006
50% of values less than 4.87877E-006	75% of values less than 1.53041E-005	90% of values less than 2.72472E-005
Minimum 6.13177E-009 3.41244E-005	Maximum 6.73171E-005	
Mean 9.95476E-006	SD 1.17733E-005	Variance 1.38611E-010

Naphthalene

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 1.07481E-012	10% of values less than 8.46861E-012	25% of values less than 1.964E-010
50% of values less than 5.21425E-009	75% of values less than 4.9841E-008	90% of values less than 1.91469E-007
Minimum 2.9918E-018n 3.51199E-007	Maximum 1.98338E-006	
Mean 6.54732E-008	SD 1.56459E-007	Variance 2.44794E-014

Trichloroethene (TCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 2.04871E-006	10% of values less than 1.73729E-005	25% of values less than 0.000293064
50% of values less than 0.00302032	75% of values less than 0.0168009	90% of values less than 0.0549712
Minimum 1.08445E-010 0.0861873	Maximum 0.374288	
Mean 0.0181524	SD 0.0401225	Variance 0.00160982

EC10-EC12 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 8.25384E-012	10% of values less than 6.48286E-011	25% of values less than 1.01175E-009
50% of values less than 2.80468E-008	75% of values less than 4.29953E-007	90% of values less than 1.66287E-006
Minimum 6.03561E-016 3.09833E-006	Maximum 1.98233E-005	
Mean 5.9394E-007	SD 1.54056E-006	Variance 2.37332E-012

EC12-EC16 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0.000315516	10% of values less than 0.000495125	25% of values less than 0.00101109
50% of values less than 0.00210235	75% of values less than 0.00405015	90% of values less than 0.00618061
Minimum 2.03475E-005 0.00762107	Maximum 0.0148281	
Mean 0.00282163	SD 0.00236331	Variance 5.58524E-006

EC16-EC21 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 1.30551E-007
50% of values less than 6.1283E-007	75% of values less than 2.01604E-006	90% of values less than 4.57166E-006
Minimum 0.es less than 6.371E-006	Maximum 2.53204E-005	
Mean 1.64006E-006	SD 2.65354E-006	Variance 7.0413E-012

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 3.08846	10% of values less than 3.28805	25% of values less than 3.84244
50% of values less than 4.65242	75% of values less than 5.31311	90% of values less than 5.98581
Minimum 2.71113s than 6.37008	Maximum 7.81401	
Mean 4.64176	SD 1.00649	Variance 1.01302

Retarded Travel Time to DCE Receptor [years]

05% of values less than 5.49337	10% of values less than 5.93927	25% of values less than 6.90718
50% of values less than 8.35502	75% of values less than 9.67819	90% of values less than 10.843
Minimum 4.66778s than 11.7703	Maximum 15.4793	
Mean 8.39169	SD 1.91231	Variance 3.65692

Naphthalene

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.85826	10% of values less than 1.90306	25% of values less than 2.00406
50% of values less than 2.15937	75% of values less than 2.46236	90% of values less than 2.81748
Minimum 1.70959s than 3.02996	Maximum 3.75286	
Mean 2.26773	SD 0.359879	Variance 0.129513

Retarded Travel Time to DCE Receptor [years]

05% of values less than 88.0428	10% of values less than 90.9402	25% of values less than 99.2367
50% of values less than 109.502	75% of values less than 125.097	90% of values less than 157.577
Minimum 79.1954s than 183.36	Maximum 243.156	
Mean 117.291	SD 28.3066	Variance 801.264

Trichloroethene (TCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.90373	10% of values less than 3.04814	25% of values less than 3.41339
50% of values less than 3.97635	75% of values less than 4.67474	90% of values less than 5.29272
Minimum 2.71027s than 5.61735	Maximum 7.10497	
Mean 4.08603	SD 0.851482	Variance 0.725022

Retarded Travel Time to DCE Receptor [years]

05% of values less than 5.43309	10% of values less than 6.15644	25% of values less than 8.02672
50% of values less than 10.8942	75% of values less than 13.8259	90% of values less than 16.8271
Minimum 3.70738s than 18.454	Maximum 29.3807	
Mean 11.2588	SD 4.15579	Variance 17.2706

EC10-EC12 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.85826	10% of values less than 1.90306	25% of values less than 2.00406
50% of values less than 2.15937	75% of values less than 2.46236	90% of values less than 2.81748
Minimum 1.70959s than 3.02996	Maximum 3.75286	
Mean 2.26773	SD 0.359879	Variance 0.129513

Retarded Travel Time to DCE Receptor [years]

05% of values less than 88.0428	10% of values less than 90.9402	25% of values less than 99.2367
50% of values less than 109.502	75% of values less than 125.097	90% of values less than 157.577
Minimum 79.1954s than 183.36	Maximum 243.156	
Mean 117.291	SD 28.3066	Variance 801.264

EC12-EC16 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.85826	10% of values less than 1.90306	25% of values less than 2.00406
50% of values less than 2.15937	75% of values less than 2.46236	90% of values less than 2.81748
Minimum 1.70959s than 3.02996	Maximum 3.75286	
Mean 2.26773	SD 0.359879	Variance 0.129513

Retarded Travel Time to DCE Receptor [years]

05% of values less than 174.227	10% of values less than 179.901	25% of values less than 196.497
50% of values less than 216.854	75% of values less than 247.759	90% of values less than 312.606
Minimum 156.552s than 363.815	Maximum 482.949	
Mean 232.315	SD 56.3419	Variance 3174.41

EC16-EC21 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.85826	10% of values less than 1.90306	25% of values less than 2.00406
50% of values less than 2.15937	75% of values less than 2.46236	90% of values less than 2.81748
Minimum 1.70959s than 3.02996	Maximum 3.75286	
Mean 2.26773	SD 0.359879	Variance 0.129513

Retarded Travel Time to DCE Receptor [years]

05% of values less than 553.339	10% of values less than 571.407	25% of values less than 624.514
50% of values less than 689.634	75% of values less than 787.839	90% of values less than 994.791
Minimum 496.92ss than 1157.61	Maximum 1538.04	
Mean 738.419	SD 179.699	Variance 32291.8

1,2-Dichloroethene (1,2-DCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 3.16705E-007	10% of values less than 7.17047E-007	25% of values less than 1.91877E-006
50% of values less than 7.60032E-006	75% of values less than 2.27677E-005	90% of values less than 4.2607E-005
Minimum 9.94562E-009 5.38464E-005	Maximum 9.30217E-005	
Mean 1.51534E-005	SD 1.77961E-005	Variance 3.16703E-010

Naphthalene

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 4.69146E-013	10% of values less than 3.35422E-012	25% of values less than 8.75327E-011
50% of values less than 1.90857E-009	75% of values less than 2.03961E-008	90% of values less than 8.20927E-008
Minimum 1.16791E-018 1.39538E-007	Maximum 1.14871E-006	
Mean 2.75445E-008	SD 7.36145E-008	Variance 5.41909E-015

Trichloroethene (TCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 4.3734E-006	10% of values less than 3.72264E-005	25% of values less than 0.00048529
50% of values less than 0.00456117	75% of values less than 0.0252966	90% of values less than 0.0770572
Minimum 9.41001E-010 0.129484	Maximum 0.503197	
Mean 0.0271552	SD 0.0587994	Variance 0.00345737

EC10-EC12 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 3.24872E-012	10% of values less than 2.79336E-011	25% of values less than 4.3564E-010
50% of values less than 1.13117E-008	75% of values less than 1.56095E-007	90% of values less than 6.95671E-007
Minimum 2.40015E-016 1.35177E-006	Maximum 8.78294E-006	
Mean 2.53847E-007	SD 7.00548E-007	Variance 4.90767E-013

EC12-EC16 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 0.000109514	10% of values less than 0.000186799	25% of values less than 0.000395904
50% of values less than 0.000832384	75% of values less than 0.00161812	90% of values less than 0.00265285
Minimum 9.60866E-006 0.00341597	Maximum 0.00800583	
Mean 0.00118308	SD 0.00110358	Variance 1.21789E-006

EC16-EC21 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 8.20449E-010	25% of values less than 4.63506E-008
50% of values less than 2.44595E-007	75% of values less than 8.31795E-007	90% of values less than 1.89632E-006
Minimum 0.es less than 2.96334E-006	Maximum 1.27573E-005	
Mean 6.94426E-007	SD 1.21122E-006	Variance 1.46706E-012

Aquifer Flow [m³/yr]

Boiler House Aromatics

05% of values less than 11585.9	10% of values less than 13475.4	25% of values less than 17862.7
50% of values less than 20531.4	75% of values less than 22200.4	90% of values less than 22690.6
Minimum 9507.74s than 22769	Maximum 22871.6	
Mean 19401.2	SD 3480.27	Variance 1.21123E+007

ETP Aromatics

05% of values less than 6931.55	10% of values less than 8061.99	25% of values less than 10686.8
50% of values less than 12283.4	75% of values less than 13281.9	90% of values less than 13575.2
Minimum 5688.24s than 13622.1	Maximum 13683.5	
Mean 11607.3	SD 2082.16	Variance 4.33538E+006

Tank Farm Aromatics

05% of values less than 15052.3	10% of values less than 17507.1	25% of values less than 23207
50% of values less than 26674.2	75% of values less than 28842.5	90% of values less than 29479.4
Minimum 12352.4s than 29581.3	Maximum 29714.6	
Mean 25205.9	SD 4521.54	Variance 2.04443E+007

DCE Tank Farm Lagoon

05% of values less than 6452.5	10% of values less than 7504.81	25% of values less than 9948.2
50% of values less than 11434.5	75% of values less than 12364	90% of values less than 12637
Minimum 5295.12s than 12680.7	Maximum 12737.8	
Mean 10805.1	SD 1938.26	Variance 3.75684E+006

TCE Tank Farm Lagoon

05% of values less than 6515.63	10% of values less than 7578.24	25% of values less than 10045.5
50% of values less than 11546.4	75% of values less than 12485	90% of values less than 12760.6
Minimum 5346.93s than 12804.7	Maximum 12862.4	
Mean 10910.8	SD 1957.22	Variance 3.83071E+006

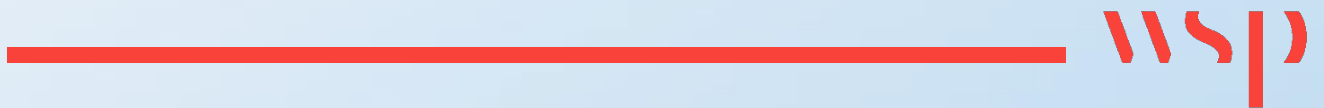
Aquifer Flow [m³/yr]

TCE Waste Chip Plant

05% of values less than 6461.61	10% of values less than 7515.41	25% of values less than 9962.25
50% of values less than 11450.6	75% of values less than 12381.4	90% of values less than 12654.8
Minimum 5302.6ss than 12698.6	Maximum 12755.8	
Mean 10820.3	SD 1940.99	Variance 3.76746E+006

Appendix H

SOIL REMEDIATION MODEL INPUTS AND RESULTS



Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Project Details

Title: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Prepared By: WSP

Date: 2024-04-10 14:40:10

Client Name: Ford Motor Company

Comments:

Soil source model. Remedial target derivation.

Consim version 2.05

Simulation Level

Level 3

Simulation Parameters

Iterations 1001

Timeslices:1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000

Water Quality Standard

User Defined

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

Boiler House Aromatics

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] SINGLE(0.001)

Infiltration

Infiltration [mm/year] UNIFORM(270,330)

Source Inventory:

Naphthalene

Measured as Total Concentration in Soil

Organic

koc [ml/g] SINGLE(2500)

Henry's Law Constant SINGLE(0.049)

Concentration [mg/kg] SINGLE(7.108)

Calculate kd

Maximum Solubility [mg/l] SINGLE(32.9)

EC10-EC12 Aromatics

Measured as Total Concentration in Soil

Organic

koc [ml/g] SINGLE(2500)

Henry's Law Constant SINGLE(0.49)

Concentration [mg/kg] SINGLE(8)

Calculate kd

Maximum Solubility [mg/l] SINGLE(25)

EC12-EC16 Aromatics

Measured as Total Concentration in Soil

Organic

koc [ml/g] SINGLE(5000)

Henry's Law Constant SINGLE(0.054)

Concentration [mg/kg] SINGLE(10)

Calculate kd

Maximum Solubility [mg/l] SINGLE(5.8)

EC16-EC21 Aromatics

Measured as Total Concentration in Soil

Organic

koc [ml/g] SINGLE(16000)

Henry's Law Constant SINGLE(0.013)

Concentration [mg/kg] SINGLE(1101.42)

Calculate kd

Maximum Solubility [mg/l] SINGLE(0.65)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

Active

Porous Medium

Thickness [m] UNIFORM(0.001,2)

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Vertical Dispersivity [m] UNIFORM(0.0001,0.2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Water Filled Porosity [fraction] UNIFORM(0.159,0.239)

Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

Naphthalene

koc [ml/g] SINGLE(2500)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Half-life [years] UNIFORM(1.096,3.29)

EC10-EC12 Aromatics

koc [ml/g] SINGLE(2500)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Half-life [years] UNIFORM(1.096,3.29)

EC12-EC16 Aromatics

koc [ml/g] SINGLE(5000)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Half-life [years] UNIFORM(17.6,34)

EC16-EC21 Aromatics

koc [ml/g] SINGLE(16000)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Half-life [years] UNIFORM(17.6,34)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

ETP Aromatics

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] SINGLE(0.001)

Infiltration

Infiltration [mm/year] UNIFORM(90,110)

Source Inventory:

EC10-EC12 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(14.9)

Organic

koc [ml/g] SINGLE(2500)

Calculate kd

Henry's Law Constant SINGLE(0.49)

Maximum Solubility [mg/l] SINGLE(25)

EC12-EC16 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(45)

Organic

koc [ml/g] SINGLE(5000)

Calculate kd

Henry's Law Constant SINGLE(0.054)

Maximum Solubility [mg/l] SINGLE(5.8)

EC16-EC21 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(372)

Organic

koc [ml/g] SINGLE(16000)

Calculate kd

Henry's Law Constant SINGLE(0.013)

Maximum Solubility [mg/l] SINGLE(0.65)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

Active

Porous Medium

Thickness [m] UNIFORM(0.001,2)

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Vertical Dispersivity [m] UNIFORM(0.0001,0.2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Water Filled Porosity [fraction] UNIFORM(0.159,0.239)

Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

EC10-EC12 Aromatics

koc [ml/g] SINGLE(2500) Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(1.096,3.29)

EC12-EC16 Aromatics

koc [ml/g] SINGLE(5000) Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(17.6,34)

EC16-EC21 Aromatics

koc [ml/g] SINGLE(16000) Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(17.6,34)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

Tank Farm Aromatics

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] SINGLE(0.001)

Infiltration

Infiltration [mm/year] UNIFORM(90,110)

Source Inventory:

EC10-EC12 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(11.362)

Organic

koc [ml/g] SINGLE(2500)

Calculate kd

Henry's Law Constant SINGLE(0.49)

Maximum Solubility [mg/l] SINGLE(25)

EC12-EC16 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(38)

Organic

koc [ml/g] SINGLE(5000)

Calculate kd

Henry's Law Constant SINGLE(0.054)

Maximum Solubility [mg/l] SINGLE(5.8)

EC16-EC21 Aromatics

Measured as Total Concentration in Soil

Concentration [mg/kg] SINGLE(97.354)

Organic

koc [ml/g] SINGLE(16000)

Calculate kd

Henry's Law Constant SINGLE(0.013)

Maximum Solubility [mg/l] SINGLE(0.65)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

- Active
- Porous Medium
- Thickness [m] UNIFORM(0.001,2)
- Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)
- Vertical Dispersivity [m] UNIFORM(0.0001,0.2)
- Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)
- Water Filled Porosity [fraction] UNIFORM(0.159,0.239)
- Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

EC10-EC12 Aromatics

- koc [ml/g] SINGLE(2500) Calculate kd
- Simulate Degradation in Dissolved and sorbed phases
- Halflife [years] UNIFORM(1.096,3.29)

EC12-EC16 Aromatics

- koc [ml/g] SINGLE(5000) Calculate kd
- Simulate Degradation in Dissolved and sorbed phases
- Halflife [years] UNIFORM(17.6,34)

EC16-EC21 Aromatics

- koc [ml/g] SINGLE(16000) Calculate kd
- Simulate Degradation in Dissolved and sorbed phases
- Halflife [years] UNIFORM(17.6,34)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

DCE Tank Farm Lagoon

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] UNIFORM(0.001,2)

Infiltration

Infiltration [mm/year] UNIFORM(90,110)

Source Inventory:

1,2-Dichloroethene (1,2-DCE)

Measured as Total Concentration in Soil

Organic

koc [ml/g] SINGLE(40)

Henry's Law Constant SINGLE(0.0419)

Concentration [mg/kg] SINGLE(0.9768)

Calculate kd

Maximum Solubility [mg/l] SINGLE(500)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

Active

Porous Medium

Thickness [m] UNIFORM(0.001,2)

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Vertical Dispersivity [m] UNIFORM(0.0001,0.2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Water Filled Porosity [fraction] UNIFORM(0.159,0.239)

Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

1,2-Dichloroethene (1,2-DCE)

koc [ml/g] SINGLE(40)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] SINGLE(1e+009)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

TCE Tank Farm Lagoon

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] UNIFORM(0.001,2)

Infiltration

Infiltration [mm/year] UNIFORM(90,110)

Source Inventory:

Trichloroethene (TCE)

Measured as Total Concentration in Soil

Organic

koc [ml/g] UNIFORM(18,152)

Henry's Law Constant SINGLE(0.417)

Concentration [mg/kg] SINGLE(0.3)

Calculate kd

Maximum Solubility [mg/l] SINGLE(1100)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

Active

Porous Medium

Thickness [m] UNIFORM(0.001,2)

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Vertical Dispersivity [m] UNIFORM(0.0001,0.2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Water Filled Porosity [fraction] UNIFORM(0.159,0.239)

Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

Trichloroethene (TCE)

koc [ml/g] UNIFORM(18,152)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(0.27,2.74)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Source

TCE Waste Chip Plant

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Moisture Content [%] UNIFORM(10.4,12.8)

Particle Density [g/cm³] SINGLE(2.65)

Thickness [m] SINGLE(2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Contaminated Land

Constant Source Term

Overall Unsaturated Zone Thickness [m] UNIFORM(0.001,2)

Infiltration

Infiltration [mm/year] UNIFORM(90,110)

Source Inventory:

Trichloroethene (TCE)

Measured as Total Concentration in Soil

Organic

koc [ml/g] UNIFORM(18,152)

Henry's Law Constant SINGLE(0.417)

Concentration [mg/kg] SINGLE(0.3)

Calculate kd

Maximum Solubility [mg/l] SINGLE(1100)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Unsaturated Pathway: Superficial

Active

Porous Medium

Thickness [m] UNIFORM(0.001,2)

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Vertical Dispersivity [m] UNIFORM(0.0001,0.2)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Water Filled Porosity [fraction] UNIFORM(0.159,0.239)

Unsaturated Conductivity [m/s] UNIFORM(8e-005,0.0005)

Unsaturated Pathway Contaminants

Trichloroethene (TCE)

koc [ml/g] UNIFORM(18,152)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(0.27,2.74)

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Aquifer Pathway

Thickness [m] UNIFORM(5,9)

Dry Bulk Density [g/cm³] UNIFORM(1.53,1.87)

Fraction of Organic Carbon [%] UNIFORM(0.21,0.26)

Mixing Zone Thickness [m] SINGLE(5)

Hydraulic Conductivity [m/s] UNIFORM(8e-005,0.0005)

Effective Porosity [fraction] UNIFORM(0.159,0.239)

Hydraulic Gradient UNIFORM(0.002,0.007)

Groundwater Flow Direction (degrees), 337.00

Longitudinal Dispersivity [m] SINGLE(46)

Lateral Dispersivity [m] SINGLE(13.8)

Contaminant Inventory

1,2-Dichloroethene (1,2-DCE)

koc [ml/g] SINGLE(40)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(0.22,0.47)

Naphthalene

koc [ml/g] SINGLE(2500)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(1.096,3.29)

Trichloroethene (TCE)

koc [ml/g] UNIFORM(18,152)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(0.27,2.74)

EC10-EC12 Aromatics

koc [ml/g] SINGLE(2500)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(1.096,3.29)

EC12-EC16 Aromatics

koc [ml/g] SINGLE(5000)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(17.6,34)

EC16-EC21 Aromatics

koc [ml/g] SINGLE(16000)

Calculate kd

Simulate Degradation in Dissolved and sorbed phases

Halflife [years] UNIFORM(17.6,34)

Receptor

Boiler House Aromatics Receptor	X 293472.640286	Y 178424.050637
ETP Aromatics Receptor	X 293553.750982	Y 178327.201215
Tank Farm Aromatics Receptor	X 293444.036173	Y 178223.136600
DCE Tank Farm Lagoon Receptor	X 293463.491689	Y 178227.205234
TCE Tank Farm Lagoon Receptor	X 293412.593288	Y 178205.892135
TCE Waste Chip Plant Receptor	X 293213.024892	Y 178130.027975
Naphthalene Receptor	X 293305.967350	Y 178838.047340
DCE Receptor	X 293185.321656	Y 178785.564559

Input Correlations

porosity to K	1
K to i	-1

Boiler House Aromatics - Naphthalene

Concentration at Source [mg/l] - 1000 years

05% of values less than 1.08341	10% of values less than 1.09475	25% of values less than 1.12624
50% of values less than 1.18244	75% of values less than 1.25073	90% of values less than 1.29692
Minimum 1.07255s than 1.30859	Maximum 1.32466	
Mean 1.19012	SD 0.0733214	Variance 0.00537603

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 1.21228	10% of values less than 1.22421	25% of values less than 1.25953
50% of values less than 1.32133	75% of values less than 1.39766	90% of values less than 1.44712
Minimum 1.19809s than 1.46299	Maximum 1.48335	
Mean 1.32993	SD 0.0815067	Variance 0.00664334

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 0.769024	10% of values less than 0.777311	25% of values less than 0.799646
50% of values less than 0.840079	75% of values less than 0.889178	90% of values less than 0.922552
Minimum 0.761933	Maximum 0.941906	
Mean 0.845714	SD 0.0526186	Variance 0.00276872

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 0.65	10% of values less than 0.65	25% of values less than 0.65
50% of values less than 0.65	75% of values less than 0.65	90% of values less than 0.65
Minimum 0.65 less than 0.65	Maximum 0.65	
Mean 0.65	SD 1.58678E-007	Variance 2.51787E-014

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000582882	Maximum 0.000582882	
Mean 1.28356E-006	SD 2.29748E-005	Variance 5.27839E-010

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0252286	Maximum 0.0252286	
Mean 5.98357E-005	SD 0.00104089	Variance 1.08346E-006

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000582882	Maximum 0.000582882	
Mean 1.28356E-006	SD 2.29748E-005	Variance 5.27839E-010

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0252286	Maximum 0.0252286	
Mean 5.98357E-005	SD 0.00104089	Variance 1.08346E-006

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.000582882	
Mean 1.28356E-006	SD 2.29748E-005	Variance 5.27839E-010

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.0498742	
Mean 0.000118388	SD 0.00205889	Variance 4.23903E-006

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.000582882	
Mean 1.28356E-006	SD 2.29748E-005	Variance 5.27839E-010

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.158315	
Mean 0.000376018	SD 0.00653808	Variance 4.27465E-005

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - Naphthalene

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 1.07558	10% of values less than 1.08676	25% of values less than 1.11768
50% of values less than 1.17494	75% of values less than 1.24227	90% of values less than 1.28718
Minimum 1.05575s than 1.29957	Maximum 1.31816	
Mean 1.18149	SD 0.0728417	Variance 0.00530592

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 1.20308	10% of values less than 1.21481	25% of values less than 1.2494
50% of values less than 1.31161	75% of values less than 1.38811	90% of values less than 1.43675
Minimum 1.18708s than 1.45168	Maximum 1.47543	
Mean 1.3203	SD 0.0810369	Variance 0.00656697

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 0.768103	10% of values less than 0.775851	25% of values less than 0.798381
50% of values less than 0.838671	75% of values less than 0.887579	90% of values less than 0.921265
Minimum 0.760498	Maximum 0.940548	
Mean 0.84433	SD 0.0525553	Variance 0.00276206

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 0.645899	10% of values less than 0.646224	25% of values less than 0.646826
50% of values less than 0.647301	75% of values less than 0.647653	90% of values less than 0.647931
Minimum 0.64459s than 0.648043	Maximum 0.64834	
Mean 0.647177	SD 0.000660981	Variance 4.36896E-007

Boiler House Aromatics - Naphthalene

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.104898	10% of values less than 0.109247	25% of values less than 0.117579
50% of values less than 0.127963	75% of values less than 0.143205	90% of values less than 0.17897
Minimum 0.09910121an 0.204913	Maximum 0.26946	
Mean 0.13657	SD 0.0299165	Variance 0.000894999

Boiler House Aromatics - EC10-EC12 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.116873	10% of values less than 0.121901	25% of values less than 0.131512
50% of values less than 0.142869	75% of values less than 0.159789	90% of values less than 0.200875
Minimum 0.110024 than 0.229133	Maximum 0.302268	
Mean 0.152617	SD 0.0334289	Variance 0.00111749

Boiler House Aromatics - EC12-EC16 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0748771	10% of values less than 0.0780187	25% of values less than 0.0840498
50% of values less than 0.0914517	75% of values less than 0.102436	90% of values less than 0.128203
Minimum 0.07069531an 0.146333	Maximum 0.192484	
Mean 0.0975981	SD 0.0214025	Variance 0.000458065

Boiler House Aromatics - EC16-EC21 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0601875	10% of values less than 0.0616982	25% of values less than 0.0651587
50% of values less than 0.0696725	75% of values less than 0.0779363	90% of values less than 0.0978534
Minimum 0.05778621	Maximum 0.141003	
Mean 0.0747654	SD 0.0154819	Variance 0.000239688

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0918784	90% of values less than 0.157604
Minimum 0.175126	Maximum 0.264025	
Mean 0.0474054	SD 0.0649904	Variance 0.00422375

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 4.76723	90% of values less than 7.80804
Minimum 0.22053	Maximum 17.6414	
Mean 2.46599	SD 3.45561	Variance 11.9413

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0918784	90% of values less than 0.157604
Minimum 0.175126	Maximum 0.264025	
Mean 0.0474054	SD 0.0649904	Variance 0.00422375

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 4.76723	90% of values less than 7.80804
Minimum 9.22053	Maximum 17.6414	
Mean 2.46599	SD 3.45561	Variance 11.9413

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0918784	90% of values less than 0.157604
Minimum 0.175126	Maximum 0.264025	
Mean 0.0474054	SD 0.0649904	Variance 0.00422375

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 9.45895	90% of values less than 15.4714
Minimum 0.18.2142	Maximum 35.0364	
Mean 4.88458	SD 6.84744	Variance 46.8875

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0918784	90% of values less than 0.157604
Minimum 0.175126	Maximum 0.264025	
Mean 0.0474054	SD 0.0649904	Variance 0.00422375

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 30.0718	90% of values less than 49.165
Minimum 57.7863	Maximum 111.574	
Mean 15.5264	SD 21.7715	Variance 474

Boiler House Aromatics - Naphthalene

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00146972	10% of values less than 0.00225289	25% of values less than 0.00422377
50% of values less than 0.0106166	75% of values less than 0.0277593	90% of values less than 0.0572193
Minimum 7.46063E-005 0.078323	Maximum 0.150589	
Mean 0.0210376	SD 0.0252761	Variance 0.00063888

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00171869	10% of values less than 0.00260817	25% of values less than 0.00460664
50% of values less than 0.0118821	75% of values less than 0.0298203	90% of values less than 0.0618177
Minimum 8.68774E-005 0.0878822	Maximum 0.176394	
Mean 0.0232004	SD 0.0278786	Variance 0.000777219

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00377439	10% of values less than 0.00625403	25% of values less than 0.0130077
50% of values less than 0.028215	75% of values less than 0.0461561	90% of values less than 0.0674282
Minimum 6.91931E-005 0.0800291	Maximum 0.134181	
Mean 0.0329591	SD 0.0243889	Variance 0.000594819

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00179984	10% of values less than 0.00248206	25% of values less than 0.00480079
50% of values less than 0.0104989	75% of values less than 0.0219553	90% of values less than 0.0400698
Minimum 4.83329E-005 0.0513805	Maximum 0.0963158	
Mean 0.0162059	SD 0.0156766	Variance 0.000245756

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 4.09183E+007	10% of values less than 4.28641E+007	25% of values less than 4.65873E+007
50% of values less than 5.09675E+007	75% of values less than 5.71548E+007	90% of values less than 6.23832E+007
Minimum 3.62671E+0076.52739E+007	Maximum 7.64788E+007	
Mean 5.20167E+007	SD 7.41244E+006	Variance 5.49443E+013

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 4.09183E+007	10% of values less than 4.28641E+007	25% of values less than 4.65873E+007
50% of values less than 5.09675E+007	75% of values less than 5.71548E+007	90% of values less than 6.23832E+007
Minimum 3.62671E+0076.52739E+007	Maximum 7.64788E+007	
Mean 5.20167E+007	SD 7.41244E+006	Variance 5.49443E+013

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 8.08365E+007	10% of values less than 8.47281E+007	25% of values less than 9.21746E+007
50% of values less than 1.00935E+008	75% of values less than 1.1331E+008	90% of values less than 1.23766E+008
Minimum 7.15342E+0071.29548E+008	Maximum 1.51958E+008	
Mean 1.03033E+008	SD 1.48249E+007	Variance 2.19777E+014

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 2.56477E+008	10% of values less than 2.6893E+008	25% of values less than 2.92759E+008
50% of values less than 3.20792E+008	75% of values less than 3.60391E+008	90% of values less than 3.93853E+008
Minimum 2.2671E+008\ 4.12353E+008	Maximum 4.84064E+008	
Mean 3.27507E+008	SD 4.74396E+007	Variance 2.25052E+015

Boiler House Aromatics - Naphthalene

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 4.09183E+007	10% of values less than 4.28641E+007	25% of values less than 4.65873E+007
50% of values less than 5.09675E+007	75% of values less than 5.71548E+007	90% of values less than 6.23832E+007
Minimum 3.62671E+0076.52739E+007	Maximum 7.64788E+007	
Mean 5.20167E+007	SD 7.41244E+006	Variance 5.49443E+013

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 4.09183E+007	10% of values less than 4.28641E+007	25% of values less than 4.65873E+007
50% of values less than 5.09675E+007	75% of values less than 5.71548E+007	90% of values less than 6.23832E+007
Minimum 3.62671E+0076.52739E+007	Maximum 7.64788E+007	
Mean 5.20167E+007	SD 7.41244E+006	Variance 5.49443E+013

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 8.08365E+007	10% of values less than 8.47281E+007	25% of values less than 9.21746E+007
50% of values less than 1.00935E+008	75% of values less than 1.1331E+008	90% of values less than 1.23766E+008
Minimum 7.15342E+0071.29548E+008	Maximum 1.51958E+008	
Mean 1.03033E+008	SD 1.48249E+007	Variance 2.19777E+014

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 2.56477E+008	10% of values less than 2.6893E+008	25% of values less than 2.92759E+008
50% of values less than 3.20792E+008	75% of values less than 3.60391E+008	90% of values less than 3.93853E+008
Minimum 2.2671E+008\ 4.12353E+008	Maximum 4.84064E+008	
Mean 3.27507E+008	SD 4.74396E+007	Variance 2.25052E+015

Boiler House Aromatics - Naphthalene

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 4.09183E+007	10% of values less than 4.28641E+007	25% of values less than 4.65873E+007
50% of values less than 5.09675E+007	75% of values less than 5.71548E+007	90% of values less than 6.23832E+007
Minimum 3.62671E+0076.52739E+007	Maximum 7.64788E+007	
Mean 5.20167E+007	SD 7.41244E+006	Variance 5.49443E+013

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 4.09183E+007	10% of values less than 4.28641E+007	25% of values less than 4.65873E+007
50% of values less than 5.09675E+007	75% of values less than 5.71548E+007	90% of values less than 6.23832E+007
Minimum 3.62671E+0076.52739E+007	Maximum 7.64788E+007	
Mean 5.20167E+007	SD 7.41244E+006	Variance 5.49443E+013

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 8.08365E+007	10% of values less than 8.47281E+007	25% of values less than 9.21746E+007
50% of values less than 1.00935E+008	75% of values less than 1.1331E+008	90% of values less than 1.23766E+008
Minimum 7.15342E+0071.29548E+008	Maximum 1.51958E+008	
Mean 1.03033E+008	SD 1.48249E+007	Variance 2.19777E+014

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 2.56477E+008	10% of values less than 2.6893E+008	25% of values less than 2.92759E+008
50% of values less than 3.20792E+008	75% of values less than 3.60391E+008	90% of values less than 3.93853E+008
Minimum 2.2671E+008; 4.12353E+008	Maximum 4.84064E+008	
Mean 3.27507E+008	SD 4.74396E+007	Variance 2.25052E+015

Boiler House Aromatics - Naphthalene

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 4.09183E+007	10% of values less than 4.28641E+007	25% of values less than 4.65873E+007
50% of values less than 5.09675E+007	75% of values less than 5.71548E+007	90% of values less than 6.23832E+007
Minimum 3.62671E+0076.52739E+007	Maximum 7.64788E+007	
Mean 5.20167E+007	SD 7.41244E+006	Variance 5.49443E+013

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 4.09183E+007	10% of values less than 4.28641E+007	25% of values less than 4.65873E+007
50% of values less than 5.09675E+007	75% of values less than 5.71548E+007	90% of values less than 6.23832E+007
Minimum 3.62671E+0076.52739E+007	Maximum 7.64788E+007	
Mean 5.20167E+007	SD 7.41244E+006	Variance 5.49443E+013

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 8.08365E+007	10% of values less than 8.47281E+007	25% of values less than 9.21746E+007
50% of values less than 1.00935E+008	75% of values less than 1.1331E+008	90% of values less than 1.23766E+008
Minimum 7.15342E+0071.29548E+008	Maximum 1.51958E+008	
Mean 1.03033E+008	SD 1.48249E+007	Variance 2.19777E+014

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 2.56477E+008	10% of values less than 2.6893E+008	25% of values less than 2.92759E+008
50% of values less than 3.20792E+008	75% of values less than 3.60391E+008	90% of values less than 3.93853E+008
Minimum 2.2671E+008\ 4.12353E+008	Maximum 4.84064E+008	
Mean 3.27507E+008	SD 4.74396E+007	Variance 2.25052E+015

Boiler House Aromatics - Naphthalene

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 4.09183E+007	10% of values less than 4.28641E+007	25% of values less than 4.65873E+007
50% of values less than 5.09675E+007	75% of values less than 5.71548E+007	90% of values less than 6.23832E+007
Minimum 3.62671E+0076.52739E+007	Maximum 7.64788E+007	
Mean 5.20167E+007	SD 7.41244E+006	Variance 5.49443E+013

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 4.09183E+007	10% of values less than 4.28641E+007	25% of values less than 4.65873E+007
50% of values less than 5.09675E+007	75% of values less than 5.71548E+007	90% of values less than 6.23832E+007
Minimum 3.62671E+0076.52739E+007	Maximum 7.64788E+007	
Mean 5.20167E+007	SD 7.41244E+006	Variance 5.49443E+013

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 8.08365E+007	10% of values less than 8.47281E+007	25% of values less than 9.21746E+007
50% of values less than 1.00935E+008	75% of values less than 1.1331E+008	90% of values less than 1.23766E+008
Minimum 7.15342E+0071.29548E+008	Maximum 1.51958E+008	
Mean 1.03033E+008	SD 1.48249E+007	Variance 2.19777E+014

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 2.56477E+008	10% of values less than 2.6893E+008	25% of values less than 2.92759E+008
50% of values less than 3.20792E+008	75% of values less than 3.60391E+008	90% of values less than 3.93853E+008
Minimum 2.2671E+008\ 4.12353E+008	Maximum 4.84064E+008	
Mean 3.27507E+008	SD 4.74396E+007	Variance 2.25052E+015

Boiler House Aromatics - Naphthalene

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.90951	10% of values less than 1.95014	25% of values less than 2.04541
50% of values less than 2.21027	75% of values less than 2.51383	90% of values less than 2.82204
Minimum 1.83696s than 3.03083	Maximum 3.55676	
Mean 2.31403	SD 0.349189	Variance 0.121933

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 91.6842	10% of values less than 94.7267	25% of values less than 101.885
50% of values less than 113.376	75% of values less than 129.586	90% of values less than 159.176
Minimum 77.3737s than 176.949	Maximum 260.389	
Mean 120.529	SD 27.2415	Variance 742.097

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.90951	10% of values less than 1.95014	25% of values less than 2.04541
50% of values less than 2.21027	75% of values less than 2.51383	90% of values less than 2.82204
Minimum 1.83696s than 3.03083	Maximum 3.55676	
Mean 2.31403	SD 0.349189	Variance 0.121933

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 91.6842	10% of values less than 94.7267	25% of values less than 101.885
50% of values less than 113.376	75% of values less than 129.586	90% of values less than 159.176
Minimum 77.3737s than 176.949	Maximum 260.389	
Mean 120.529	SD 27.2415	Variance 742.097

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.90951	10% of values less than 1.95014	25% of values less than 2.04541
50% of values less than 2.21027	75% of values less than 2.51383	90% of values less than 2.82204
Minimum 1.83696s than 3.03083	Maximum 3.55676	
Mean 2.31403	SD 0.349189	Variance 0.121933

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 181.459	10% of values less than 187.24	25% of values less than 201.583
50% of values less than 224.617	75% of values less than 256.8	90% of values less than 315.879
Minimum 152.906s than 350.839	Maximum 517.365	
Mean 238.743	SD 54.2302	Variance 2940.91

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.90951	10% of values less than 1.95014	25% of values less than 2.04541
50% of values less than 2.21027	75% of values less than 2.51383	90% of values less than 2.82204
Minimum 1.83696s than 3.03083	Maximum 3.55676	
Mean 2.31403	SD 0.349189	Variance 0.121933

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 576.205	10% of values less than 594.817	25% of values less than 639.964
50% of values less than 713.95	75% of values less than 817.199	90% of values less than 1004.89
Minimum 485.248s than 1115.98	Maximum 1648.06	
Mean 758.887	SD 172.983	Variance 29923

Boiler House Aromatics - Naphthalene

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 9.10211E-013	10% of values less than 6.72846E-012	25% of values less than 1.32614E-010
50% of values less than 3.65138E-009	75% of values less than 3.59255E-008	90% of values less than 1.90676E-007
Minimum 3.12701E-017 2.95181E-007	Maximum 1.29901E-006	
Mean 5.5396E-008	SD 1.30652E-007	Variance 1.70698E-014

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 1.36744E-012	10% of values less than 5.67868E-012	25% of values less than 1.10502E-010
50% of values less than 2.94248E-009	75% of values less than 3.79223E-008	90% of values less than 1.55192E-007
Minimum 3.4536E-018n 3.35678E-007	Maximum 2.81091E-006	
Mean 5.58894E-008	SD 1.54719E-007	Variance 2.39379E-014

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 4.02579E-005	10% of values less than 6.13549E-005	25% of values less than 0.000121259
50% of values less than 0.000240785	75% of values less than 0.000446755	90% of values less than 0.000690728
Minimum 2.56788E-006 0.000830903	Maximum 0.00150114	
Mean 0.000318536	SD 0.000261093	Variance 6.81696E-008

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 7.79952E-008
50% of values less than 4.02123E-007	75% of values less than 1.51089E-006	90% of values less than 3.66071E-006
Minimum 0.es less than 5.33198E-006	Maximum 1.48907E-005	
Mean 1.21533E-006	SD 1.89707E-006	Variance 3.59888E-012

Boiler House Aromatics - Naphthalene

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.90402	10% of values less than 1.94472	25% of values less than 2.0401
50% of values less than 2.20445	75% of values less than 2.50689	90% of values less than 2.81468
Minimum 1.83168s than 3.02281	Maximum 3.54807	
Mean 2.30793	SD 0.34838	Variance 0.121369

Retarded Travel Time to DCE Receptor years

05% of values less than 91.4208	10% of values less than 94.4538	25% of values less than 101.604
50% of values less than 113.097	75% of values less than 129.245	90% of values less than 158.742
Minimum 77.1518s than 176.481	Maximum 259.722	
Mean 120.211	SD 27.1736	Variance 738.402

Boiler House Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.90402	10% of values less than 1.94472	25% of values less than 2.0401
50% of values less than 2.20445	75% of values less than 2.50689	90% of values less than 2.81468
Minimum 1.83168s than 3.02281	Maximum 3.54807	
Mean 2.30793	SD 0.34838	Variance 0.121369

Retarded Travel Time to DCE Receptor years

05% of values less than 91.4208	10% of values less than 94.4538	25% of values less than 101.604
50% of values less than 113.097	75% of values less than 129.245	90% of values less than 158.742
Minimum 77.1518s than 176.481	Maximum 259.722	
Mean 120.211	SD 27.1736	Variance 738.402

Boiler House Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.90402	10% of values less than 1.94472	25% of values less than 2.0401
50% of values less than 2.20445	75% of values less than 2.50689	90% of values less than 2.81468
Minimum 1.83168s than 3.02281	Maximum 3.54807	
Mean 2.30793	SD 0.34838	Variance 0.121369

Retarded Travel Time to DCE Receptor years

05% of values less than 180.937	10% of values less than 186.714	25% of values less than 201.039
50% of values less than 224.045	75% of values less than 256.171	90% of values less than 315.032
Minimum 152.467s than 349.91	Maximum 516.04	
Mean 238.114	SD 54.095	Variance 2926.26

Boiler House Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.90402	10% of values less than 1.94472	25% of values less than 2.0401
50% of values less than 2.20445	75% of values less than 2.50689	90% of values less than 2.81468
Minimum 1.83168s than 3.02281	Maximum 3.54807	
Mean 2.30793	SD 0.34838	Variance 0.121369

Retarded Travel Time to DCE Receptor years

05% of values less than 574.587	10% of values less than 593.138	25% of values less than 638.409
50% of values less than 712.206	75% of values less than 814.873	90% of values less than 1002.2
Minimum 483.856s than 1113	Maximum 1643.84	
Mean 756.888	SD 172.551	Variance 29773.9

Boiler House Aromatics - Naphthalene

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 4.18659E-013	10% of values less than 2.63259E-012	25% of values less than 4.81302E-011
50% of values less than 1.36659E-009	75% of values less than 1.38766E-008	90% of values less than 6.57006E-008
Minimum 1.37245E-017 1.27661E-007	Maximum 5.90733E-007	
Mean 2.16385E-008	SD 5.27963E-008	Variance 2.78745E-015

Boiler House Aromatics - EC10-EC12 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 5.60111E-013	10% of values less than 2.24284E-012	25% of values less than 4.26174E-011
50% of values less than 1.14547E-009	75% of values less than 1.42677E-008	90% of values less than 5.60596E-008
Minimum 1.52396E-018 1.17549E-007	Maximum 1.16381E-006	
Mean 2.18659E-008	SD 6.43272E-008	Variance 4.13799E-015

Boiler House Aromatics - EC12-EC16 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.43851E-005	10% of values less than 2.17736E-005	25% of values less than 4.42834E-005
50% of values less than 9.00729E-005	75% of values less than 0.000169966	90% of values less than 0.000272716
Minimum 9.66626E-007 0.000366638	Maximum 0.000811815	
Mean 0.000124406	SD 0.000112611	Variance 1.26811E-008

Boiler House Aromatics - EC16-EC21 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 3.04319E-008
50% of values less than 1.51041E-007	75% of values less than 5.48164E-007	90% of values less than 1.38843E-006
Minimum 0.es less than 1.97315E-006	Maximum 6.86284E-006	
Mean 4.7238E-007	SD 7.65394E-007	Variance 5.85827E-013

ETP Aromatics - EC10-EC12 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 2.26218	10% of values less than 2.28433	25% of values less than 2.35264
50% of values less than 2.4683	75% of values less than 2.60688	90% of values less than 2.68835
Minimum 2.22705s than 2.71408	Maximum 2.76392	
Mean 2.48075	SD 0.146256	Variance 0.0213909

ETP Aromatics - EC12-EC16 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 3.47061	10% of values less than 3.50281	25% of values less than 3.61498
50% of values less than 3.79161	75% of values less than 4.00653	90% of values less than 4.13664
Minimum 3.42742s than 4.17879	Maximum 4.23973	
Mean 3.8116	SD 0.22849	Variance 0.0522075

ETP Aromatics - EC16-EC21 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 0.65	10% of values less than 0.65	25% of values less than 0.65
50% of values less than 0.65	75% of values less than 0.65	90% of values less than 0.65
Minimum 0.65 less than 0.65	Maximum 0.65	
Mean 0.65	SD 1.58678E-007	Variance 2.51787E-014

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000	Maximum 0.00109959	
Mean 1.96838E-006	SD 4.13193E-005	Variance 1.70728E-009

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000	Maximum 0.0518039	
Mean 0.000103865	SD 0.00209592	Variance 4.39288E-006

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000	Maximum 0.00109959	
Mean 1.96838E-006	SD 4.13193E-005	Variance 1.70728E-009

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000	Maximum 0.102508	
Mean 0.000205762	SD 0.00415075	Variance 1.72288E-005

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000	Maximum 0.00109959	
Mean 1.96838E-006	SD 4.13193E-005	Variance 1.70728E-009

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000	Maximum 0.325607	
Mean 0.000654109	SD 0.013192	Variance 0.00017403

ETP Aromatics - EC10-EC12 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 2.22654	10% of values less than 2.24988	25% of values less than 2.31876
50% of values less than 2.42969	75% of values less than 2.56547	90% of values less than 2.64178
Minimum 2.13994s than 2.67316	Maximum 2.73171	
Mean 2.44097	SD 0.144105	Variance 0.0207661

ETP Aromatics - EC12-EC16 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 3.45577	10% of values less than 3.48762	25% of values less than 3.59838
50% of values less than 3.77709	75% of values less than 3.9885	90% of values less than 4.11696
Minimum 3.40641s than 4.16102	Maximum 4.226	
Mean 3.79586	SD 0.227633	Variance 0.0518166

Project: Ford Bridgend CWRA Soil Source Assessment

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ETP Aromatics - EC16-EC21 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 0.639898	10% of values less than 0.641031	25% of values less than 0.642539
50% of values less than 0.643911	75% of values less than 0.644859	90% of values less than 0.645455
Minimum 0.6345ss than 0.6457	Maximum 0.646589	
Mean 0.643501	SD 0.00185848	Variance 3.45395E-006

ETP Aromatics - EC10-EC12 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0566266	10% of values less than 0.0582246	25% of values less than 0.0619466
50% of values less than 0.0682139	75% of values less than 0.0778703	90% of values less than 0.0987501
Minimum 0.0489572	Maximum 0.157339	
Mean 0.0735282	SD 0.0177813	Variance 0.000316176

ETP Aromatics - EC12-EC16 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0879554	10% of values less than 0.090246	25% of values less than 0.096135
50% of values less than 0.106158	75% of values less than 0.121367	90% of values less than 0.15415
Minimum 0.07708571an 0.174602	Maximum 0.243958	
Mean 0.11434	SD 0.0276732	Variance 0.000765805

ETP Aromatics - EC16-EC21 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0152917	10% of values less than 0.015757	25% of values less than 0.0165605
50% of values less than 0.0178556	75% of values less than 0.0202254	90% of values less than 0.026283
Minimum 0.01446211	Maximum 0.0385877	
Mean 0.0193721	SD 0.00445377	Variance 1.98361E-005

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.425659	10% of values less than 0.451094	25% of values less than 0.517316
50% of values less than 0.602238	75% of values less than 0.692002	90% of values less than 0.798485
Minimum 0.386516 than 0.870265	Maximum 1.08693	
Mean 0.617347	SD 0.134159	Variance 0.0179987

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 21.353	10% of values less than 22.4599	25% of values less than 25.6298
50% of values less than 30.4629	75% of values less than 35.8672	90% of values less than 44.4416
Minimum 17.3536s than 49.8879	Maximum 73.8117	
Mean 32.2058	SD 9.16111	Variance 83.9259

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.425659	10% of values less than 0.451094	25% of values less than 0.517316
50% of values less than 0.602238	75% of values less than 0.692002	90% of values less than 0.798485
Minimum 0.386516 than 0.870265	Maximum 1.08693	
Mean 0.617347	SD 0.134159	Variance 0.0179987

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 42.2749	10% of values less than 44.4766	25% of values less than 50.7068
50% of values less than 60.3436	75% of values less than 71.0135	90% of values less than 88.2188
Minimum 34.2816s than 98.9907	Maximum 146.553	
Mean 63.7943	SD 18.2106	Variance 331.625

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.425659	10% of values less than 0.451094	25% of values less than 0.517316
50% of values less than 0.602238	75% of values less than 0.692002	90% of values less than 0.798485
Minimum 0.386516	Maximum 1.08693	
Mean 0.617347	SD 0.134159	Variance 0.0179987

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 134.361	10% of values less than 141.35	25% of values less than 161.023
50% of values less than 191.787	75% of values less than 225.657	90% of values less than 280.839
Minimum 108.765	Maximum 466.614	
Mean 202.784	SD 58.0288	Variance 3367.34

ETP Aromatics - EC10-EC12 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 3.48071E-006	10% of values less than 6.6835E-006	25% of values less than 2.21293E-005
50% of values less than 6.48531E-005	75% of values less than 0.000146016	90% of values less than 0.000279213
Minimum 4.11444E-008 0.000378907	Maximum 0.000705999	
Mean 0.000108928	SD 0.000125494	Variance 1.57489E-008

ETP Aromatics - EC12-EC16 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00226708	10% of values less than 0.00272759	25% of values less than 0.00354323
50% of values less than 0.0047772	75% of values less than 0.00622477	90% of values less than 0.00806009
Minimum 0.00121529an 0.00885327	Maximum 0.0127179	
Mean 0.00508444	SD 0.00206648	Variance 4.27033E-006

ETP Aromatics - EC16-EC21 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 2.53433E-005	10% of values less than 3.59695E-005	25% of values less than 6.35521E-005
50% of values less than 0.000106439	75% of values less than 0.000171155	90% of values less than 0.000263867
Minimum 5.37267E-006 0.000332426	Maximum 0.000539481	
Mean 0.000129941	SD 9.26353E-005	Variance 8.58129E-009

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0229033	90% of values less than 0.0682325
Minimum 0.0797897	Maximum 0.128886	
Mean 0.0163185	SD 0.0286871	Variance 0.000822949

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.18774	90% of values less than 3.45475
Minimum 0.11796	Maximum 8.24639	
Mean 0.851517	SD 1.53443	Variance 2.35447

Project: Ford Bridgend CWRA Soil Source Assessment

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ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0229033	90% of values less than 0.0682325
Minimum 0.0797897	Maximum 0.128886	
Mean 0.0163185	SD 0.0286871	Variance 0.000822949

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 2.35347	90% of values less than 6.83722
Minimum 0.15586	Maximum 16.3639	
Mean 1.68672	SD 3.0406	Variance 9.24527

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0229033	90% of values less than 0.0682325
Minimum 0.es less than 0.0797897	Maximum 0.128886	
Mean 0.0163185	SD 0.0286871	Variance 0.000822949

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 7.48269	90% of values less than 21.7057
Minimum 0.es less than 25.9226	Maximum 52.0809	
Mean 5.36159	SD 9.66779	Variance 93.4662

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ETP Aromatics - EC10-EC12 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00206653	10% of values less than 0.00271148	25% of values less than 0.00453567
50% of values less than 0.00809754	75% of values less than 0.0153489	90% of values less than 0.028138
Minimum 0.00056573an 0.0373242	Maximum 0.0832114	
Mean 0.0121912	SD 0.0117914	Variance 0.000139038

ETP Aromatics - EC12-EC16 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0133305	10% of values less than 0.0155343	25% of values less than 0.0225001
50% of values less than 0.0338762	75% of values less than 0.0481459	90% of values less than 0.0671509
Minimum 0.00401617an 0.0820979	Maximum 0.16133	
Mean 0.0382549	SD 0.0217387	Variance 0.000472572

ETP Aromatics - EC16-EC21 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00124522	10% of values less than 0.00149174	25% of values less than 0.00213587
50% of values less than 0.00330879	75% of values less than 0.00554544	90% of values less than 0.0091468
Minimum 0.0006942061 0.0117523	Maximum 0.0236083	
Mean 0.0044143	SD 0.00334898	Variance 1.12156E-005

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 797203	SD 402284	Variance 1.61832E+011

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 4.11638E+007
50% of values less than 4.89867E+007	75% of values less than 5.54062E+007	90% of values less than 6.10854E+007
Minimum 0.es less than 6.42216E+007	Maximum 7.64788E+007	
Mean 4.14894E+007	SD 2.19564E+007	Variance 4.82083E+014

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 797203	SD 402284	Variance 1.61832E+011

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 8.13277E+007
50% of values less than 9.69733E+007	75% of values less than 1.09812E+008	90% of values less than 1.21171E+008
Minimum 0.es less than 1.27443E+008	Maximum 1.51958E+008	
Mean 8.21816E+007	SD 4.35293E+007	Variance 1.8948E+015

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 797203	SD 402284	Variance 1.61832E+011

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 2.58049E+008
50% of values less than 3.08115E+008	75% of values less than 3.49199E+008	90% of values less than 3.85546E+008
Minimum 0.es less than 4.05618E+008	Maximum 4.84064E+008	
Mean 2.61227E+008	SD 1.38451E+008	Variance 1.91687E+016

ETP Aromatics - EC10-EC12 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 1.20496E-013	
Mean 2.91482E-016	SD 5.39004E-015	Variance 2.90525E-029

ETP Aromatics - EC12-EC16 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 2.63006E-013	
Mean 5.99323E-016	SD 1.12053E-014	Variance 1.25559E-028

ETP Aromatics - EC16-EC21 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 3.65252E-014	
Mean 8.73535E-017	SD 1.63613E-015	Variance 2.67692E-030

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 858142	SD 349079	Variance 1.21856E+011

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 4.36964E+007
50% of values less than 4.96674E+007	75% of values less than 5.57796E+007	90% of values less than 6.1271E+007
Minimum 0.es less than 6.44683E+007	Maximum 7.64788E+007	
Mean 4.45902E+007	SD 1.939E+007	Variance 3.75971E+014

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 858142	SD 349079	Variance 1.21856E+011

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 8.63928E+007
50% of values less than 9.83348E+007	75% of values less than 1.10559E+008	90% of values less than 1.21542E+008
Minimum 0.es less than 1.27937E+008	Maximum 1.51958E+008	
Mean 8.83224E+007	SD 3.84536E+007	Variance 1.47868E+015

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ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 858142	SD 349079	Variance 1.21856E+011

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 2.74257E+008
50% of values less than 3.12471E+008	75% of values less than 3.51589E+008	90% of values less than 3.86734E+008
Minimum 0.es less than 4.07197E+008	Maximum 4.84064E+008	
Mean 2.80744E+008	SD 1.22334E+008	Variance 1.49657E+016

ETP Aromatics - EC10-EC12 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 9.79203E-015	
Mean 1.66033E-017	SD 3.4524E-016	Variance 1.19191E-031

ETP Aromatics - EC12-EC16 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 1.77056E-014	
Mean 3.04775E-017	SD 6.30764E-016	Variance 3.97863E-031

ETP Aromatics - EC16-EC21 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 2.84989E-015	
Mean 4.73669E-018	SD 9.97814E-017	Variance 9.95632E-033

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 855145	SD 352131	Variance 1.23996E+011

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 4.36024E+007
50% of values less than 4.96639E+007	75% of values less than 5.57756E+007	90% of values less than 6.12708E+007
Minimum 0.es less than 6.42423E+007	Maximum 7.64788E+007	
Mean 4.44308E+007	SD 1.95221E+007	Variance 3.81113E+014

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 855145	SD 352131	Variance 1.23996E+011

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 8.62048E+007
50% of values less than 9.83278E+007	75% of values less than 1.10551E+008	90% of values less than 1.21542E+008
Minimum 0.es less than 1.27485E+008	Maximum 1.51958E+008	
Mean 8.80064E+007	SD 3.87144E+007	Variance 1.49881E+015

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 855145	SD 352131	Variance 1.23996E+011

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 2.73655E+008
50% of values less than 3.12449E+008	75% of values less than 3.51564E+008	90% of values less than 3.86733E+008
Minimum 0.es less than 4.05751E+008	Maximum 4.84064E+008	
Mean 2.79739E+008	SD 1.23161E+008	Variance 1.51687E+016

ETP Aromatics - EC10-EC12 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC12-EC16 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC16-EC21 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 712288	SD 452923	Variance 2.05139E+011

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 4.75572E+007	75% of values less than 5.44685E+007	90% of values less than 6.08454E+007
Minimum 0.es less than 6.40722E+007	Maximum 7.64788E+007	
Mean 3.70674E+007	SD 2.44094E+007	Variance 5.95819E+014

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 712288	SD 452923	Variance 2.05139E+011

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 9.41144E+007	75% of values less than 1.07937E+008	90% of values less than 1.20691E+008
Minimum 0.es less than 1.27144E+008	Maximum 1.51958E+008	
Mean 7.34225E+007	SD 4.83816E+007	Variance 2.34078E+015

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 712288	SD 452923	Variance 2.05139E+011

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.98966E+008	75% of values less than 3.43199E+008	90% of values less than 3.8401E+008
Minimum 0.es less than 4.04662E+008	Maximum 4.84064E+008	
Mean 2.33385E+008	SD 1.5386E+008	Variance 2.36728E+016

ETP Aromatics - EC10-EC12 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC12-EC16 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

ETP Aromatics - EC16-EC21 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.60923	10% of values less than 2.65036	25% of values less than 2.74356
50% of values less than 2.90405	75% of values less than 3.40024	90% of values less than 3.88099
Minimum 2.51575s than 4.07235	Maximum 4.92795	
Mean 3.10837	SD 0.489783	Variance 0.239888

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 123.146	10% of values less than 128.803	25% of values less than 137.294
50% of values less than 149.547	75% of values less than 172.885	90% of values less than 218.5
Minimum 111.765s than 245.738	Maximum 351.806	
Mean 162.144	SD 39.0537	Variance 1525.19

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.60923	10% of values less than 2.65036	25% of values less than 2.74356
50% of values less than 2.90405	75% of values less than 3.40024	90% of values less than 3.88099
Minimum 2.51575s than 4.07235	Maximum 4.92795	
Mean 3.10837	SD 0.489783	Variance 0.239888

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 243.591	10% of values less than 254.806	25% of values less than 271.797
50% of values less than 295.77	75% of values less than 342.649	90% of values less than 433.217
Minimum 220.614s than 487.588	Maximum 699.001	
Mean 321.18	SD 77.7341	Variance 6042.58

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.60923	10% of values less than 2.65036	25% of values less than 2.74356
50% of values less than 2.90405	75% of values less than 3.40024	90% of values less than 3.88099
Minimum 2.51575s than 4.07235	Maximum 4.92795	
Mean 3.10837	SD 0.489783	Variance 0.239888

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 773.551	10% of values less than 809.636	25% of values less than 863.545
50% of values less than 939.517	75% of values less than 1088.79	90% of values less than 1377.97
Minimum 699.549s than 1551.73	Maximum 2226.66	
Mean 1020.94	SD 247.93	Variance 61469.3

ETP Aromatics - EC10-EC12 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 3.17533E-016	10% of values less than 3.86744E-015	25% of values less than 1.05963E-013
50% of values less than 6.76291E-012	75% of values less than 1.86943E-010	90% of values less than 1.29646E-009
Minimum 3.72934E-023 2.78261E-009	Maximum 1.73533E-008	
Mean 4.67021E-010	SD 1.44874E-009	Variance 2.09885E-018

ETP Aromatics - EC12-EC16 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 3.13753E-006	10% of values less than 6.63134E-006	25% of values less than 1.56749E-005
50% of values less than 3.8544E-005	75% of values less than 8.42325E-005	90% of values less than 0.000135911
Minimum 9.59469E-008 0.000184836	Maximum 0.000364906	
Mean 5.76779E-005	SD 5.69515E-005	Variance 3.24348E-009

ETP Aromatics - EC16-EC21 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 9.46228E-010	75% of values less than 1.15984E-008	90% of values less than 3.84664E-008
Minimum 0.es less than 6.15318E-008	Maximum 2.02678E-007	
Mean 1.19049E-008	SD 2.4455E-008	Variance 5.98048E-016

ETP Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.60345	10% of values less than 2.6446	25% of values less than 2.73791
50% of values less than 2.89822	75% of values less than 3.39326	90% of values less than 3.87269
Minimum 2.51018s than 4.06393	Maximum 4.91783	
Mean 3.10183	SD 0.488791	Variance 0.238916

Retarded Travel Time to DCE Receptor years

05% of values less than 122.887	10% of values less than 128.539	25% of values less than 137.008
50% of values less than 149.215	75% of values less than 172.538	90% of values less than 218.039
Minimum 111.523s than 245.24	Maximum 351.065	
Mean 161.803	SD 38.9729	Variance 1518.89

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

ETP Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.60345	10% of values less than 2.6446	25% of values less than 2.73791
50% of values less than 2.89822	75% of values less than 3.39326	90% of values less than 3.87269
Minimum 2.51018s than 4.06393	Maximum 4.91783	
Mean 3.10183	SD 0.488791	Variance 0.238916

Retarded Travel Time to DCE Receptor years

05% of values less than 243.079	10% of values less than 254.259	25% of values less than 271.232
50% of values less than 295.157	75% of values less than 341.897	90% of values less than 432.302
Minimum 220.136s than 486.601	Maximum 697.528	
Mean 320.504	SD 77.5731	Variance 6017.59

ETP Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.60345	10% of values less than 2.6446	25% of values less than 2.73791
50% of values less than 2.89822	75% of values less than 3.39326	90% of values less than 3.87269
Minimum 2.51018s than 4.06393	Maximum 4.91783	
Mean 3.10183	SD 0.488791	Variance 0.238916

Retarded Travel Time to DCE Receptor years

05% of values less than 771.924	10% of values less than 807.849	25% of values less than 861.746
50% of values less than 937.602	75% of values less than 1086.4	90% of values less than 1375.06
Minimum 698.035s than 1548.59	Maximum 2221.97	
Mean 1018.79	SD 247.417	Variance 61215

ETP Aromatics - EC10-EC12 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.39996E-016	10% of values less than 1.6224E-015	25% of values less than 4.41638E-014
50% of values less than 2.76124E-012	75% of values less than 7.16212E-011	90% of values less than 4.92573E-010
Minimum 1.42094E-023 1.04945E-009	Maximum 7.67394E-009	
Mean 1.85174E-010	SD 5.88319E-010	Variance 3.4612E-019

ETP Aromatics - EC12-EC16 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.18197E-006	10% of values less than 2.46904E-006	25% of values less than 5.99248E-006
50% of values less than 1.42546E-005	75% of values less than 3.15095E-005	90% of values less than 5.11685E-005
Minimum 3.25059E-008 6.95302E-005	Maximum 0.000155323	
Mean 2.23024E-005	SD 2.26462E-005	Variance 5.12853E-010

ETP Aromatics - EC16-EC21 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 3.65187E-010	75% of values less than 4.47138E-009	90% of values less than 1.48251E-008
Minimum 0.es less than 2.56861E-008	Maximum 8.86828E-008	
Mean 4.69303E-009	SD 9.78095E-009	Variance 9.5667E-017

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 1.72346	10% of values less than 1.73731	25% of values less than 1.79116
50% of values less than 1.88788	75% of values less than 1.98424	90% of values less than 2.05159
Minimum 1.69963s than 2.07195	Maximum 2.10511	
Mean 1.88916	SD 0.11276	Variance 0.0127149

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 2.92685	10% of values less than 2.95423	25% of values less than 3.0464
50% of values less than 3.20964	75% of values less than 3.37379	90% of values less than 3.49556
Minimum 2.89605s than 3.53377	Maximum 3.57892	
Mean 3.21418	SD 0.195096	Variance 0.0380625

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at Source [mg/l] - 1000 years

05% of values less than 0.65	10% of values less than 0.65	25% of values less than 0.65
50% of values less than 0.65	75% of values less than 0.65	90% of values less than 0.65
Minimum 0.65 less than 0.65	Maximum 0.65	
Mean 0.65	SD 1.58678E-007	Variance 2.51787E-014

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.00133465	
Mean 5.32725E-006	SD 7.03742E-005	Variance 4.95253E-009

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.0903221	
Mean 0.000291305	SD 0.00399735	Variance 1.59788E-005

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000	Maximum 0.00133465	
Mean 5.32725E-006	SD 7.03742E-005	Variance 4.95253E-009

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.000000	Maximum 0.17931	
Mean 0.000577283	SD 0.00792557	Variance 6.28147E-005

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.00133465	
Mean 5.32725E-006	SD 7.03742E-005	Variance 4.95253E-009

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.0000000000000000	Maximum 0.570854	
Mean 0.00183559	SD 0.0252098	Variance 0.000635534

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 1.69435	10% of values less than 1.70956	25% of values less than 1.76279
50% of values less than 1.8577	75% of values less than 1.95056	90% of values less than 2.01616
Minimum 1.66007s than 2.03974	Maximum 2.08105	
Mean 1.85961	SD 0.111174	Variance 0.0123598

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 2.9128	10% of values less than 2.94035	25% of values less than 3.03237
50% of values less than 3.1981	75% of values less than 3.36128	90% of values less than 3.481
Minimum 2.88512s than 3.51865	Maximum 3.56454	
Mean 3.20092	SD 0.194211	Variance 0.0377178

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 0.639509	10% of values less than 0.640899	25% of values less than 0.642562
50% of values less than 0.644028	75% of values less than 0.644928	90% of values less than 0.645572
Minimum 0.634098 than 0.645809	Maximum 0.646395	
Mean 0.643527	SD 0.00198389	Variance 3.9358E-006

Tank Farm Aromatics - EC10-EC12 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0421412	10% of values less than 0.0435698	25% of values less than 0.0462983
50% of values less than 0.0507989	75% of values less than 0.058441	90% of values less than 0.0730599
Minimum 0.03747241an 0.0836811	Maximum 0.117162	
Mean 0.0547655	SD 0.0128975	Variance 0.000166345

Tank Farm Aromatics - EC12-EC16 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.072378	10% of values less than 0.0750119	25% of values less than 0.0796277
50% of values less than 0.0875165	75% of values less than 0.100572	90% of values less than 0.12589
Minimum 0.06519121an 0.144161	Maximum 0.204306	
Mean 0.0942604	SD 0.0221874	Variance 0.000492281

Tank Farm Aromatics - EC16-EC21 Aromatics

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.015002	10% of values less than 0.0153024	25% of values less than 0.0162651
50% of values less than 0.0173312	75% of values less than 0.0197935	90% of values less than 0.0253549
Minimum 0.01419941an 0.0292859	Maximum 0.0374675	
Mean 0.0189649	SD 0.00439165	Variance 1.92866E-005

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.686142	10% of values less than 0.718585	25% of values less than 0.783459
50% of values less than 0.874429	75% of values less than 0.984064	90% of values less than 1.10982
Minimum 0.643964	Maximum 1.49044	
Mean 0.900893	SD 0.162143	Variance 0.0262905

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 33.6832	10% of values less than 35.0972	25% of values less than 39.4681
50% of values less than 43.7653	75% of values less than 51.1571	90% of values less than 63.3032
Minimum 27.2934	Maximum 113.702	
Mean 47.0093	SD 12.1201	Variance 146.897

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.686142	10% of values less than 0.718585	25% of values less than 0.783459
50% of values less than 0.874429	75% of values less than 0.984064	90% of values less than 1.10982
Minimum 0.643964 than 1.22835	Maximum 1.49044	
Mean 0.900893	SD 0.162143	Variance 0.0262905

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 66.6473	10% of values less than 69.4505	25% of values less than 78.0801
50% of values less than 86.5232	75% of values less than 101.471	90% of values less than 125.313
Minimum 53.9189s than 145.621	Maximum 225.913	
Mean 93.1177	SD 24.1113	Variance 581.357

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.686142	10% of values less than 0.718585	25% of values less than 0.783459
50% of values less than 0.874429	75% of values less than 0.984064	90% of values less than 1.10982
Minimum 0.643964 than 1.22835	Maximum 1.49044	
Mean 0.900893	SD 0.162143	Variance 0.0262905

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 211.69	10% of values less than 220.565	25% of values less than 248.132
50% of values less than 275.101	75% of values less than 322.424	90% of values less than 398.474
Minimum 171.071s than 463.105	Maximum 719.644	
Mean 295.995	SD 76.8734	Variance 5909.53

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 6.14836E-007	10% of values less than 1.37668E-006	25% of values less than 4.4074E-006
50% of values less than 1.90702E-005	75% of values less than 5.4526E-005	90% of values less than 0.000111865
Minimum 4.98294E-010 0.000159298	Maximum 0.000386302	
Mean 4.17606E-005	SD 5.71421E-005	Variance 3.26521E-009

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00241578	10% of values less than 0.00295288	25% of values less than 0.00400506
50% of values less than 0.00561481	75% of values less than 0.00756355	90% of values less than 0.0096742
Minimum 0.0009539161 0.0107808	Maximum 0.0168715	
Mean 0.00601205	SD 0.00263159	Variance 6.92529E-006

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 1.30398E-005	10% of values less than 2.07795E-005	25% of values less than 4.00037E-005
50% of values less than 7.73351E-005	75% of values less than 0.000142127	90% of values less than 0.000210737
Minimum 1.28745E-006 0.000259423	Maximum 0.000483899	
Mean 0.000100071	SD 7.90332E-005	Variance 6.24624E-009

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.087012	10% of values less than 0.102845	25% of values less than 0.148402
50% of values less than 0.225739	75% of values less than 0.293679	90% of values less than 0.343589
Minimum 0.05849721	Maximum 0.523798	
Mean 0.225936	SD 0.0937774	Variance 0.00879421

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 4.25242	10% of values less than 5.15671	25% of values less than 7.55513
50% of values less than 11.5566	75% of values less than 15.0938	90% of values less than 18.7035
Minimum 2.823675	Maximum 37.305	
Mean 11.8014	SD 5.42203	Variance 29.3984

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.087012	10% of values less than 0.102845	25% of values less than 0.148402
50% of values less than 0.225739	75% of values less than 0.293679	90% of values less than 0.343589
Minimum 0.05849721	Maximum 0.523798	
Mean 0.225936	SD 0.0937774	Variance 0.00879421

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 8.42091	10% of values less than 10.2032	25% of values less than 14.9459
50% of values less than 22.8917	75% of values less than 29.8749	90% of values less than 37.065
Minimum 5.57824s	Maximum 74.121	
Mean 23.3769	SD 10.7567	Variance 115.707

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.087012	10% of values less than 0.102845	25% of values less than 0.148402
50% of values less than 0.225739	75% of values less than 0.293679	90% of values less than 0.343589
Minimum 0.05849721	Maximum 0.523798	
Mean 0.225936	SD 0.0937774	Variance 0.00879421

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 26.7626	10% of values less than 32.4	25% of values less than 47.4781
50% of values less than 72.7388	75% of values less than 94.9363	90% of values less than 117.855
Minimum 17.6983	Maximum 236.111	
Mean 74.3091	SD 34.2295	Variance 1171.66

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00011914	10% of values less than 0.000188181	25% of values less than 0.000430598
50% of values less than 0.000994321	75% of values less than 0.00180727	90% of values less than 0.0034131
Minimum 2.48662E-006 0.00453733	Maximum 0.00835366	
Mean 0.00142729	SD 0.00145124	Variance 2.10611E-006

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00339169	10% of values less than 0.00449141	25% of values less than 0.00825045
50% of values less than 0.0164815	75% of values less than 0.0252243	90% of values less than 0.0335208
Minimum 0.00188258an 0.0376139	Maximum 0.0550597	
Mean 0.0177832	SD 0.0110364	Variance 0.000121803

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000207665	10% of values less than 0.000281471	25% of values less than 0.000465203
50% of values less than 0.000960712	75% of values less than 0.00168461	90% of values less than 0.00277385
Minimum 6.94536E-005 0.00322853	Maximum 0.00490578	
Mean 0.0012381	SD 0.000962946	Variance 9.27266E-007

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0061886	90% of values less than 0.0439274
Minimum 0.0593241	Maximum 0.107178	
Mean 0.010117	SD 0.0202027	Variance 0.00040815

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.30568	90% of values less than 2.31803
Minimum 0.10666	Maximum 6.60214	
Mean 0.528858	SD 1.07704	Variance 1.16002

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0061886	90% of values less than 0.0439274
Minimum 0.0593241	Maximum 0.107178	
Mean 0.010117	SD 0.0202027	Variance 0.00040815

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.604694	90% of values less than 4.59195
Minimum 0.15567	Maximum 13.0971	
Mean 1.0476	SD 2.13418	Variance 4.55472

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0061886	90% of values less than 0.0439274
Minimum 0.0593241	Maximum 0.107178	
Mean 0.010117	SD 0.0202027	Variance 0.00040815

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.92035	90% of values less than 14.5972
Minimum 0.195713	Maximum 41.6749	
Mean 3.33006	SD 6.78559	Variance 46.0442

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000258112	10% of values less than 0.000450869	25% of values less than 0.00170261
50% of values less than 0.00594486	75% of values less than 0.0137835	90% of values less than 0.0237113
Minimum 9.26544E-007 0.0334601	Maximum 0.0689182	
Mean 0.00964725	SD 0.0108871	Variance 0.000118529

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000919479	10% of values less than 0.00201327	25% of values less than 0.00829141
50% of values less than 0.0305131	75% of values less than 0.0532505	90% of values less than 0.0697241
Minimum 1.9922E-006n 0.0803957	Maximum 0.162561	
Mean 0.0337444	SD 0.0271446	Variance 0.000736828

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000139603	10% of values less than 0.000255459	25% of values less than 0.000942135
50% of values less than 0.00354298	75% of values less than 0.00666676	90% of values less than 0.0106873
Minimum 3.35573E-007 0.0134439	Maximum 0.0280673	
Mean 0.00458794	SD 0.00435767	Variance 1.89893E-005

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0236575
Minimum 0.0391539	Maximum 0.0768178	
Mean 0.00511757	SD 0.0126176	Variance 0.000159205

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 1.22672
Minimum 0.192393	Maximum 4.73194	
Mean 0.267527	SD 0.671908	Variance 0.45146

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0236575
Minimum 0.es less than 0.0391539	Maximum 0.0768178	
Mean 0.00511757	SD 0.0126176	Variance 0.000159205

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 2.43255
Minimum 0.es less than 3.8089	Maximum 9.38707	
Mean 0.529936	SD 1.33136	Variance 1.77253

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0236575
Minimum 0.es less than 0.0391539	Maximum 0.0768178	
Mean 0.00511757	SD 0.0126176	Variance 0.000159205

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 7.72645
Minimum 0.es less than 12.0985	Maximum 29.8696	
Mean 1.68454	SD 4.23297	Variance 17.918

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.000977607	10% of values less than 0.00155202	25% of values less than 0.00442891
50% of values less than 0.00968853	75% of values less than 0.0197145	90% of values less than 0.0332106
Minimum 2.71599E-006 0.0421765	Maximum 0.0883757	
Mean 0.0141193	SD 0.0133866	Variance 0.000179202

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.00418564	10% of values less than 0.00645562	25% of values less than 0.0204266
50% of values less than 0.04524	75% of values less than 0.0641575	90% of values less than 0.0792928
Minimum 5.12905E-006 0.0896513	Maximum 0.173924	
Mean 0.0447799	SD 0.028445	Variance 0.000809118

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.000559991	10% of values less than 0.000853578	25% of values less than 0.00247298
50% of values less than 0.00550554	75% of values less than 0.00912793	90% of values less than 0.0131583
Minimum 9.34706E-007 0.0158973	Maximum 0.0318134	
Mean 0.00641226	SD 0.00498381	Variance 2.48383E-005

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0250289
Minimum 0.es less than 0.0405675	Maximum 0.0789336	
Mean 0.00541771	SD 0.0131137	Variance 0.000171968

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 1.29927
Minimum 0.es less than 1.99242	Maximum 4.86228	
Mean 0.28323	SD 0.698343	Variance 0.487682

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0250289
Minimum 0.0405675	Maximum 0.0789336	
Mean 0.00541771	SD 0.0131137	Variance 0.000171968

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 2.5731
Minimum 0.395445	Maximum 9.64562	
Mean 0.561043	SD 1.38374	Variance 1.91475

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0250289
Minimum 0.es less than 0.0405675	Maximum 0.0789336	
Mean 0.00541771	SD 0.0131137	Variance 0.000171968

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 8.17794
Minimum 0.es less than 12.5887	Maximum 30.6923	
Mean 1.78342	SD 4.39952	Variance 19.3558

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 3.07218E-008	10% of values less than 3.44119E-006	25% of values less than 7.85897E-005
50% of values less than 0.00162351	75% of values less than 0.00695604	90% of values less than 0.0158975
Minimum 0.es less than 0.0254473	Maximum 0.065702	
Mean 0.00555407	SD 0.00937655	Variance 8.79197E-005

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 5.99845E-008	10% of values less than 9.47166E-006	25% of values less than 0.00036433
50% of values less than 0.00705383	75% of values less than 0.0304337	90% of values less than 0.048488
Minimum 0.es less than 0.0640068	Maximum 0.144434	
Mean 0.0177187	SD 0.0223276	Variance 0.000498521

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 1.04894E-008	10% of values less than 1.42725E-006	25% of values less than 4.62472E-005
50% of values less than 0.000892451	75% of values less than 0.00365927	90% of values less than 0.00693982
Minimum 0.es less than 0.00980682	Maximum 0.026055	
Mean 0.00252606	SD 0.00368057	Variance 1.35466E-005

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0300229	90% of values less than 0.0704934
Minimum 0.es less than 0.0856018	Maximum 0.143047	
Mean 0.0182504	SD 0.0299848	Variance 0.00089909

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.55905	90% of values less than 3.63072
Minimum 0.es less than 4.40588	Maximum 8.95164	
Mean 0.952186	SD 1.60025	Variance 2.56079

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0300229	90% of values less than 0.0704934
Minimum 0.es less than 0.0856018	Maximum 0.143047	
Mean 0.0182504	SD 0.0299848	Variance 0.00089909

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 3.08632	90% of values less than 7.18847
Minimum 0.es less than 8.72329	Maximum 17.7672	
Mean 1.88612	SD 3.17099	Variance 10.0552

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0300229	90% of values less than 0.0704934
Minimum 0.0856018	Maximum 0.143047	
Mean 0.0182504	SD 0.0299848	Variance 0.00089909

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 9.80629	90% of values less than 22.8426
Minimum 0.27.7342	Maximum 56.5557	
Mean 5.99544	SD 10.0823	Variance 101.653

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 5.57384E-017	75% of values less than 5.27787E-013	90% of values less than 1.53264E-010
Minimum 0.es less than 1.00912E-009	Maximum 4.6619E-008	
Mean 3.8406E-010	SD 2.55611E-009	Variance 6.53368E-018

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.45148E-016	75% of values less than 2.86622E-012	90% of values less than 1.02984E-009
Minimum 0.es less than 7.81351E-009	Maximum 2.04652E-007	
Mean 2.58711E-009	SD 1.45524E-008	Variance 2.11773E-016

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 3.06299E-017	75% of values less than 3.43093E-013	90% of values less than 8.89381E-011
Minimum 0.es less than 7.96252E-010	Maximum 2.25494E-008	
Mean 2.5558E-010	SD 1.47202E-009	Variance 2.16683E-018

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.86483	10% of values less than 2.90681	25% of values less than 2.99472
50% of values less than 3.17329	75% of values less than 3.70077	90% of values less than 4.19485
Minimum 2.77673s than 4.42801	Maximum 5.32147	
Mean 3.39316	SD 0.529411	Variance 0.280276

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 134.971	10% of values less than 140.021	25% of values less than 150.015
50% of values less than 163.236	75% of values less than 188.409	90% of values less than 239.125
Minimum 117.648s than 272.405	Maximum 395.796	
Mean 177.014	SD 42.549	Variance 1810.41

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.86483	10% of values less than 2.90681	25% of values less than 2.99472
50% of values less than 3.17329	75% of values less than 3.70077	90% of values less than 4.19485
Minimum 2.77673s than 4.42801	Maximum 5.32147	
Mean 3.39316	SD 0.529411	Variance 0.280276

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 267.04	10% of values less than 276.98	25% of values less than 296.895
50% of values less than 323.116	75% of values less than 373.327	90% of values less than 474.247
Minimum 232.416s than 540.37	Maximum 786.404	
Mean 350.634	SD 84.6947	Variance 7173.2

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 2.86483	10% of values less than 2.90681	25% of values less than 2.99472
50% of values less than 3.17329	75% of values less than 3.70077	90% of values less than 4.19485
Minimum 2.77673s than 4.42801	Maximum 5.32147	
Mean 3.39316	SD 0.529411	Variance 0.280276

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 847.906	10% of values less than 879.08	25% of values less than 942.863
50% of values less than 1026.82	75% of values less than 1187.84	90% of values less than 1509.2
Minimum 737.398s than 1718.48	Maximum 2505.08	
Mean 1114.57	SD 270.139	Variance 72974.9

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 4.41647E-017	10% of values less than 5.31812E-016	25% of values less than 2.22883E-014
50% of values less than 2.04545E-012	75% of values less than 6.02963E-011	90% of values less than 4.90643E-010
Minimum 1.6631E-025n 1.22818E-009	Maximum 7.34047E-009	
Mean 1.9434E-010	SD 6.32086E-010	Variance 3.99533E-019

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 2.29352E-006	10% of values less than 5.67169E-006	25% of values less than 1.44188E-005
50% of values less than 3.75507E-005	75% of values less than 8.66775E-005	90% of values less than 0.000158207
Minimum 2.94947E-008 0.000202343	Maximum 0.000603135	
Mean 6.35588E-005	SD 7.08829E-005	Variance 5.02439E-009

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 4.74379E-009	90% of values less than 2.76962E-008
Minimum 0.es less than 4.48726E-008	Maximum 2.14243E-007	
Mean 7.73956E-009	SD 1.8963E-008	Variance 3.59596E-016

Tank Farm Aromatics - EC10-EC12 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.85923	10% of values less than 2.90098	25% of values less than 2.98903
50% of values less than 3.16713	75% of values less than 3.69353	90% of values less than 4.18649
Minimum 2.77116s than 4.41971	Maximum 5.31137	
Mean 3.38662	SD 0.528412	Variance 0.27922

Retarded Travel Time to DCE Receptor years

05% of values less than 134.705	10% of values less than 139.755	25% of values less than 149.736
50% of values less than 162.924	75% of values less than 188.056	90% of values less than 238.652
Minimum 117.411s than 271.894	Maximum 395.056	
Mean 176.673	SD 42.4678	Variance 1803.52

Tank Farm Aromatics - EC12-EC16 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.85923	10% of values less than 2.90098	25% of values less than 2.98903
50% of values less than 3.16713	75% of values less than 3.69353	90% of values less than 4.18649
Minimum 2.77116s than 4.41971	Maximum 5.31137	
Mean 3.38662	SD 0.528412	Variance 0.27922

Retarded Travel Time to DCE Receptor years

05% of values less than 266.523	10% of values less than 276.462	25% of values less than 296.332
50% of values less than 322.501	75% of values less than 372.612	90% of values less than 473.348
Minimum 231.948s than 539.334	Maximum 784.934	
Mean 349.959	SD 84.5333	Variance 7145.87

Tank Farm Aromatics - EC16-EC21 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 2.85923	10% of values less than 2.90098	25% of values less than 2.98903
50% of values less than 3.16713	75% of values less than 3.69353	90% of values less than 4.18649
Minimum 2.77116s than 4.41971	Maximum 5.31137	
Mean 3.38662	SD 0.528412	Variance 0.27922

Retarded Travel Time to DCE Receptor years

05% of values less than 846.265	10% of values less than 877.313	25% of values less than 941.064
50% of values less than 1024.89	75% of values less than 1185.53	90% of values less than 1506.34
Minimum 735.912s than 1715.19	Maximum 2500.39	
Mean 1112.42	SD 269.624	Variance 72696.9

Tank Farm Aromatics - EC10-EC12 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 3.65203E-017	10% of values less than 4.45359E-016	25% of values less than 2.27448E-014
50% of values less than 1.67029E-012	75% of values less than 5.48902E-011	90% of values less than 4.57813E-010
Minimum 2.36732E-025 1.14318E-009	Maximum 7.04937E-009	
Mean 1.7796E-010	SD 5.78554E-010	Variance 3.34725E-019

Tank Farm Aromatics - EC12-EC16 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 2.25684E-006	10% of values less than 4.81455E-006	25% of values less than 1.28354E-005
50% of values less than 3.26937E-005	75% of values less than 7.64853E-005	90% of values less than 0.000144
Minimum 3.14908E-008 0.000183591	Maximum 0.000419067	
Mean 5.61831E-005	SD 6.24569E-005	Variance 3.90086E-009

Tank Farm Aromatics - EC16-EC21 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 4.28805E-009	90% of values less than 2.52759E-008
Minimum 0.es less than 3.83001E-008	Maximum 2.19889E-007	
Mean 6.97833E-009	SD 1.71301E-008	Variance 2.93439E-016

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at Source [mg/l] - 1000 years

05% of values less than 4.25043	10% of values less than 4.30342	25% of values less than 4.42047
50% of values less than 4.5462	75% of values less than 4.67825	90% of values less than 4.8293
Minimum 4.13483s than 4.89864	Maximum 5.04725	
Mean 4.55662	SD 0.192618	Variance 0.0371017

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0.139787	25% of values less than 0.711735
50% of values less than 1.71107	75% of values less than 2.73261	90% of values less than 3.40658
Minimum 0.05 less than 3.74613	Maximum 5.0933	
Mean 1.77579	SD 1.19285	Variance 1.42289

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0.256525	25% of values less than 1.27886
50% of values less than 3.15847	75% of values less than 4.96047	90% of values less than 6.15942
Minimum 0.05 less than 6.62401	Maximum 8.07526	
Mean 3.205	SD 2.12859	Variance 4.53089

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 4.25043	10% of values less than 4.30342	25% of values less than 4.42047
50% of values less than 4.5462	75% of values less than 4.67825	90% of values less than 4.8293
Minimum 4.13483s than 4.89864	Maximum 5.04725	
Mean 4.55662	SD 0.192618	Variance 0.0371017

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 0.0888977	10% of values less than 0.091737	25% of values less than 0.0974115
50% of values less than 0.106292	75% of values less than 0.122354	90% of values less than 0.15028
Minimum 0.08119671an 0.180242	Maximum 0.234435	
Mean 0.11473	SD 0.0270612	Variance 0.000732307

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.900459	10% of values less than 1.05233	25% of values less than 1.61226
50% of values less than 2.65827	75% of values less than 3.6195	90% of values less than 4.30783
Minimum 0.671465 than 4.61505	Maximum 5.97133	
Mean 2.6796	SD 1.19921	Variance 1.4381

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 1.61756	10% of values less than 1.94344	25% of values less than 2.96
50% of values less than 4.78	75% of values less than 6.59679	90% of values less than 7.76454
Minimum 1.14981s than 8.31188	Maximum 9.65287	
Mean 4.84904	SD 2.14781	Variance 4.61311

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000297718	10% of values less than 0.00038285	25% of values less than 0.000556506
50% of values less than 0.000848054	75% of values less than 0.00122268	90% of values less than 0.00164539
Minimum 0.0001651261 0.00195222	Maximum 0.00293562	
Mean 0.000936971	SD 0.000498685	Variance 2.48687E-007

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.256736	10% of values less than 0.360581	25% of values less than 0.931193
50% of values less than 1.94863	75% of values less than 2.94024	90% of values less than 3.61706
Minimum 0.08309161an 3.91448	Maximum 5.22152	
Mean 2.00241	SD 1.19268	Variance 1.4225

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0.467949	10% of values less than 0.646884	25% of values less than 1.70006
50% of values less than 3.54802	75% of values less than 5.32205	90% of values less than 6.5478
Minimum 0.147395 than 7.00936	Maximum 8.30441	
Mean 3.61745	SD 2.12969	Variance 4.53558

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 3.96247E-005	10% of values less than 6.02618E-005	25% of values less than 0.000127999
50% of values less than 0.000287405	75% of values less than 0.000618152	90% of values less than 0.000930277
Minimum 1.50314E-005 0.00114514	Maximum 0.00188379	
Mean 0.000411644	SD 0.000363571	Variance 1.32184E-007

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.00962953	10% of values less than 0.139787	25% of values less than 0.726273
50% of values less than 1.71936	75% of values less than 2.73585	90% of values less than 3.40658
Minimum 0.00962953	Maximum 5.0933	
Mean 1.78359	SD 1.19231	Variance 1.42161

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0.0182116	10% of values less than 0.265331	25% of values less than 1.31045
50% of values less than 3.16352	75% of values less than 4.96144	90% of values less than 6.17659
Minimum 0.0182116	Maximum 8.07526	
Mean 3.21928	SD 2.12774	Variance 4.52729

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0243692	10% of values less than 0.0273309	25% of values less than 0.0335902
50% of values less than 0.0433182	75% of values less than 0.0572635	90% of values less than 0.0736318
Minimum 0.018982	Maximum 0.150465	
Mean 0.0473564	SD 0.0189633	Variance 0.000359605

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.00446094	10% of values less than 0.139787	25% of values less than 0.715274
50% of values less than 1.71107	75% of values less than 2.73414	90% of values less than 3.40658
Minimum 0.00000000	Maximum 5.0933	
Mean 1.77942	SD 1.19255	Variance 1.42218

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0.00756857	10% of values less than 0.265331	25% of values less than 1.2981
50% of values less than 3.15847	75% of values less than 4.96144	90% of values less than 6.17659
Minimum 0.00000000	Maximum 8.07526	
Mean 3.21165	SD 2.12813	Variance 4.52892

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.0153924	10% of values less than 0.0184911	25% of values less than 0.0259492
50% of values less than 0.035972	75% of values less than 0.0506227	90% of values less than 0.0685701
Minimum 0.00463382an 0.0781534	Maximum 0.190511	
Mean 0.0405787	SD 0.0208967	Variance 0.000436672

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.00446094	10% of values less than 0.139787	25% of values less than 0.717271
50% of values less than 1.71107	75% of values less than 2.73585	90% of values less than 3.40658
Minimum 0.00446094	Maximum 5.0933	
Mean 1.77965	SD 1.19254	Variance 1.42214

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0.00756857	10% of values less than 0.265331	25% of values less than 1.2981
50% of values less than 3.15847	75% of values less than 4.96144	90% of values less than 6.17659
Minimum 0.00756857	Maximum 8.07526	
Mean 3.21208	SD 2.1281	Variance 4.5288

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.0124051	10% of values less than 0.0142566	25% of values less than 0.0202507
50% of values less than 0.0308063	75% of values less than 0.0468936	90% of values less than 0.0682897
Minimum 0.00320904an 0.0823247	Maximum 0.164043	
Mean 0.0367706	SD 0.0228927	Variance 0.000524076

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.0249552	10% of values less than 0.148144	25% of values less than 0.742306
50% of values less than 1.72672	75% of values less than 2.73668	90% of values less than 3.40692
Minimum 0.05 less than 3.76245	Maximum 5.0933	
Mean 1.79083	SD 1.19173	Variance 1.42022

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0.0436214	10% of values less than 0.270604	25% of values less than 1.34486
50% of values less than 3.17221	75% of values less than 4.96144	90% of values less than 6.20298
Minimum 0.05 less than 6.64584	Maximum 8.07526	
Mean 3.23248	SD 2.12674	Variance 4.52303

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 6.98929E-017
50% of values less than 7.66984E-013	75% of values less than 2.1221E-010	90% of values less than 2.67894E-009
Minimum 0.es less than 1.17008E-008	Maximum 8.07673E-008	
Mean 1.82754E-009	SD 6.92288E-009	Variance 4.79262E-017

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.15486	10% of values less than 3.43416	25% of values less than 4.12907
50% of values less than 5.14434	75% of values less than 6.18717	90% of values less than 6.84754
Minimum 2.83045s than 7.30093	Maximum 8.73997	
Mean 5.18011	SD 1.29927	Variance 1.6881

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 5.62649	10% of values less than 6.20513	25% of values less than 7.44149
50% of values less than 9.34077	75% of values less than 11.2208	90% of values less than 12.5089
Minimum 4.84682s than 13.2828	Maximum 16.4359	
Mean 9.39666	SD 2.40351	Variance 5.77684

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 1.29389E-007	10% of values less than 2.48875E-007	25% of values less than 8.15794E-007
50% of values less than 3.09815E-006	75% of values less than 9.22045E-006	90% of values less than 1.78565E-005
Minimum 3.38838E-009 2.3284E-005	Maximum 4.38829E-005	
Mean 6.28245E-006	SD 7.66964E-006	Variance 5.88234E-011

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 3.14907	10% of values less than 3.42847	25% of values less than 4.1224
50% of values less than 5.13857	75% of values less than 6.18139	90% of values less than 6.84034
Minimum 2.82478s than 7.29517	Maximum 8.7327	
Mean 5.17355	SD 1.29886	Variance 1.68705

Retarded Travel Time to DCE Receptor years

05% of values less than 5.61613	10% of values less than 6.19399	25% of values less than 7.43119
50% of values less than 9.32238	75% of values less than 11.2084	90% of values less than 12.494
Minimum 4.83712s than 13.2689	Maximum 16.4181	
Mean 9.38473	SD 2.4025	Variance 5.77198

DCE Tank Farm Lagoon - 1,2-Dichloroethene (1,2-DCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.8931E-007	10% of values less than 3.92373E-007	25% of values less than 1.19962E-006
50% of values less than 4.59448E-006	75% of values less than 1.33349E-005	90% of values less than 2.58992E-005
Minimum 4.17041E-009 3.47904E-005	Maximum 6.22666E-005	
Mean 9.30818E-006	SD 1.14266E-005	Variance 1.30567E-010

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at Source [mg/l] - 1000 years

05% of values less than 0.592931	10% of values less than 0.619807	25% of values less than 0.692729
50% of values less than 0.848582	75% of values less than 1.10067	90% of values less than 1.30813
Minimum 0.525513 than 1.41913	Maximum 1.65918	
Mean 0.915745	SD 0.26419	Variance 0.0697965

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0.195154	25% of values less than 0.815845
50% of values less than 1.73871	75% of values less than 2.72542	90% of values less than 3.43576
Minimum 0.05 less than 3.76505	Maximum 4.66283	
Mean 1.81061	SD 1.1788	Variance 1.38957

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0	10% of values less than 0.445099	25% of values less than 1.95681
50% of values less than 4.4677	75% of values less than 7.05015	90% of values less than 9.6987
Minimum 0.05 less than 11.8323	Maximum 15.5676	
Mean 4.8464	SD 3.52833	Variance 12.4491

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 0.000511439	10% of values less than 0.00328945	25% of values less than 0.0240796
50% of values less than 0.132013	75% of values less than 0.345571	90% of values less than 0.644505
Minimum 4.57914E-011 0.845249	Maximum 1.4882	
Mean 0.236018	SD 0.279886	Variance 0.0783365

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 1.34015E-005	10% of values less than 8.26881E-005	25% of values less than 0.000560891
50% of values less than 0.0030603	75% of values less than 0.00874033	90% of values less than 0.0157604
Minimum 1.13466E-012 0.020227	Maximum 0.0543848	
Mean 0.00585296	SD 0.00720155	Variance 5.18623E-005

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.917275	10% of values less than 1.0862	25% of values less than 1.69537
50% of values less than 2.69196	75% of values less than 3.65796	90% of values less than 4.36087
Minimum 0.701144 than 4.67469	Maximum 5.54896	
Mean 2.71245	SD 1.19219	Variance 1.42132

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 2.19519	10% of values less than 2.68718	25% of values less than 4.20177
50% of values less than 6.80317	75% of values less than 9.61821	90% of values less than 12.946
Minimum 1.17091s than 15.1332	Maximum 21.3339	
Mean 7.29336	SD 3.90271	Variance 15.2311

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 2.11293E-007	10% of values less than 1.61927E-006	25% of values less than 1.30899E-005
50% of values less than 8.39494E-005	75% of values less than 0.000258194	90% of values less than 0.000641878
Minimum 1.36772E-014 0.000961705	Maximum 0.00513301	
Mean 0.000227486	SD 0.000398013	Variance 1.58414E-007

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.263407	10% of values less than 0.419495	25% of values less than 1.02319
50% of values less than 1.98204	75% of values less than 2.94512	90% of values less than 3.65722
Minimum 0.09844221	Maximum 4.90681	
Mean 2.03516	SD 1.18212	Variance 1.3974

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0.666083	10% of values less than 1.04289	25% of values less than 2.57731
50% of values less than 5.05546	75% of values less than 7.65034	90% of values less than 10.4808
Minimum 0.22633s	Maximum 16.8702	
Mean 5.453	SD 3.60611	Variance 13.004

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 3.55739E-008	10% of values less than 1.93667E-007	25% of values less than 1.82854E-006
50% of values less than 1.059E-005	75% of values less than 3.8965E-005	90% of values less than 0.000115783
Minimum 2.82384E-015 0.000198126	Maximum 0.00112511	
Mean 4.04439E-005	SD 8.79352E-005	Variance 7.7326E-009

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.0342697	10% of values less than 0.205886	25% of values less than 0.821705
50% of values less than 1.74709	75% of values less than 2.72703	90% of values less than 3.44374
Minimum 0.0342697	Maximum 4.66283	
Mean 1.81771	SD 1.17912	Variance 1.39031

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0.0736016	10% of values less than 0.479734	25% of values less than 2.00265
50% of values less than 4.47012	75% of values less than 7.06239	90% of values less than 9.6987
Minimum 0.0736016	Maximum 15.7198	
Mean 4.8657	SD 3.53056	Variance 12.4648

Project: Ford Bridgend CWRA Soil Source Assessment

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TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 6.83781E-006	10% of values less than 3.75826E-005	25% of values less than 0.000280805
50% of values less than 0.00147941	75% of values less than 0.00436513	90% of values less than 0.00796342
Minimum 5.34637E-013 0.0108888	Maximum 0.0313288	
Mean 0.00297631	SD 0.00380232	Variance 1.44576E-005

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0250437	10% of values less than 0.2006	25% of values less than 0.816059
50% of values less than 1.73871	75% of values less than 2.72693	90% of values less than 3.44122
Minimum 0.05 less than 3.76505	Maximum 4.66283	
Mean 1.81362	SD 1.17885	Variance 1.38968

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0.0687419	10% of values less than 0.469906	25% of values less than 1.97789
50% of values less than 4.47012	75% of values less than 7.05015	90% of values less than 9.6987
Minimum 0.05 less than 11.8323	Maximum 15.6426	
Mean 4.85481	SD 3.52889	Variance 12.4531

Project: Ford Bridgend CWRA Soil Source Assessment

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TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 4.45875E-006	10% of values less than 2.98189E-005	25% of values less than 0.000208449
50% of values less than 0.0011555	75% of values less than 0.003479	90% of values less than 0.00674016
Minimum 4.14693E-013 0.00967694	Maximum 0.039797	
Mean 0.00248151	SD 0.00352178	Variance 1.24029E-005

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0250437	10% of values less than 0.2006	25% of values less than 0.816059
50% of values less than 1.73871	75% of values less than 2.72693	90% of values less than 3.44122
Minimum 0.05 less than 3.76505	Maximum 4.66283	
Mean 1.81385	SD 1.17886	Variance 1.38972

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0.0710839	10% of values less than 0.469906	25% of values less than 1.97789
50% of values less than 4.47012	75% of values less than 7.05015	90% of values less than 9.6987
Minimum 0.05 less than 11.8323	Maximum 15.648	
Mean 4.85542	SD 3.52899	Variance 12.4538

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 3.16186E-006	10% of values less than 2.27838E-005	25% of values less than 0.000196233
50% of values less than 0.00100691	75% of values less than 0.00306214	90% of values less than 0.00681624
Minimum 4.55401E-013 0.00942887	Maximum 0.0255203	
Mean 0.00235388	SD 0.00335088	Variance 1.12284E-005

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.0461423	10% of values less than 0.219158	25% of values less than 0.834025
50% of values less than 1.74789	75% of values less than 2.7342	90% of values less than 3.44837
Minimum 0.05 less than 3.78027	Maximum 4.66283	
Mean 1.82471	SD 1.17956	Variance 1.39137

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0.10295	10% of values less than 0.510361	25% of values less than 2.01192
50% of values less than 4.47012	75% of values less than 7.09638	90% of values less than 9.72209
Minimum 0.05 less than 11.8323	Maximum 15.8109	
Mean 4.88417	SD 3.53357	Variance 12.4861

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 8.11851E-019
50% of values less than 7.94959E-015	75% of values less than 4.07306E-012	90% of values less than 1.06246E-010
Minimum 0.es less than 5.17148E-010	Maximum 1.14912E-008	
Mean 1.33586E-010	SD 7.34801E-010	Variance 5.39933E-019

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.20063	10% of values less than 3.45471	25% of values less than 4.14581
50% of values less than 5.13795	75% of values less than 6.21012	90% of values less than 6.9113
Minimum 2.86804s than 7.36115	Maximum 8.73937	
Mean 5.21333	SD 1.30463	Variance 1.70206

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 6.59093	10% of values less than 7.63277	25% of values less than 9.87042
50% of values less than 13.3405	75% of values less than 17.3379	90% of values less than 22.0304
Minimum 4.23075s than 25.1863	Maximum 37.8162	
Mean 14.0888	SD 5.59046	Variance 31.2532

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 1.0227E-009	10% of values less than 1.19902E-008	25% of values less than 3.79034E-007
50% of values less than 4.62735E-006	75% of values less than 3.31339E-005	90% of values less than 0.000138175
Minimum 4.92538E-018 0.000225136	Maximum 0.00113943	
Mean 4.43512E-005	SD 0.000105082	Variance 1.10422E-008

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 3.19489	10% of values less than 3.44831	25% of values less than 4.13994
50% of values less than 5.13228	75% of values less than 6.20361	90% of values less than 6.9056
Minimum 2.86238s than 7.35277	Maximum 8.73096	
Mean 5.20677	SD 1.3042	Variance 1.70093

Retarded Travel Time to DCE Receptor years

05% of values less than 6.5794	10% of values less than 7.61941	25% of values less than 9.85589
50% of values less than 13.3258	75% of values less than 17.3209	90% of values less than 22.009
Minimum 4.22272s than 25.1621	Maximum 37.7729	
Mean 14.071	SD 5.58526	Variance 31.1951

TCE Tank Farm Lagoon - Trichloroethene (TCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.29123E-009	10% of values less than 1.86918E-008	25% of values less than 5.66778E-007
50% of values less than 6.83439E-006	75% of values less than 5.02663E-005	90% of values less than 0.000212303
Minimum 6.65155E-018 0.000321285	Maximum 0.00139742	
Mean 6.44204E-005	SD 0.000146607	Variance 2.14937E-008

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at Source [mg/l] - 1000 years

05% of values less than 0.600022	10% of values less than 0.625406	25% of values less than 0.694547
50% of values less than 0.862425	75% of values less than 1.11489	90% of values less than 1.31118
Minimum 0.538715 than 1.4144	Maximum 1.70183	
Mean 0.921404	SD 0.265494	Variance 0.0704872

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0.00381287	10% of values less than 0.18377	25% of values less than 0.740844
50% of values less than 1.7178	75% of values less than 2.62358	90% of values less than 3.31401
Minimum 0.05 less than 3.66035	Maximum 4.908	
Mean 1.74989	SD 1.15055	Variance 1.32377

Retarded Travel Time to Base of Unsaturated Zone Superficial [years]

05% of values less than 0.00779719	10% of values less than 0.433316	25% of values less than 1.94263
50% of values less than 4.25376	75% of values less than 6.86685	90% of values less than 9.82831
Minimum 0.05 less than 11.1253	Maximum 15.8486	
Mean 4.68525	SD 3.40853	Variance 11.6181

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at Base of Unsaturated Zone Superficial [mg/l] - 1000 years

05% of values less than 0.000716301	10% of values less than 0.00441213	25% of values less than 0.0339969
50% of values less than 0.131237	75% of values less than 0.368938	90% of values less than 0.659821
Minimum 1.06204E-010 0.860481	Maximum 1.37945	
Mean 0.243017	SD 0.277957	Variance 0.07726

TCE Waste Chip Plant - Trichloroethene (TCE)

Diluted Concentration [mg/l] Superficial - 1000 years

05% of values less than 1.17365E-005	10% of values less than 8.12714E-005	25% of values less than 0.000573374
50% of values less than 0.00234591	75% of values less than 0.00659318	90% of values less than 0.0122215
Minimum 1.74357E-012 0.015362	Maximum 0.0298144	
Mean 0.00450731	SD 0.00534455	Variance 2.85642E-005

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.847909	10% of values less than 1.01273	25% of values less than 1.57511
50% of values less than 2.55016	75% of values less than 3.47053	90% of values less than 4.07149
Minimum 0.628206	Maximum 5.61314	
Mean 2.56966	SD 1.15482	Variance 1.33362

Retarded Travel Time to Boiler House Aromatics Receptor years

05% of values less than 1.90812	10% of values less than 2.47982	25% of values less than 4.00361
50% of values less than 6.27098	75% of values less than 9.29799	90% of values less than 12.4707
Minimum 1.04926s	Maximum 19.1737	
Mean 6.91401	SD 3.73886	Variance 13.9791

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 8.57082E-013	10% of values less than 5.25218E-012	25% of values less than 4.04432E-011
50% of values less than 2.73414E-010	75% of values less than 1.39038E-009	90% of values less than 4.13166E-009
Minimum 2.58966E-019 8.88676E-009	Maximum 5.20343E-008	
Mean 1.80855E-009	SD 4.7949E-009	Variance 2.2991E-017

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.18249	10% of values less than 0.316807	25% of values less than 0.867352
50% of values less than 1.86518	75% of values less than 2.77057	90% of values less than 3.4318
Minimum 0.04151391an 3.80625	Maximum 4.98765	
Mean 1.88898	SD 1.15055	Variance 1.32377

Retarded Travel Time to ETP Aromatics Receptor years

05% of values less than 0.451555	10% of values less than 0.843708	25% of values less than 2.2496
50% of values less than 4.62182	75% of values less than 7.21899	90% of values less than 10.1843
Minimum 0.076845 than 11.5332	Maximum 16.418	
Mean 5.06429	SD 3.45523	Variance 11.9386

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.66028E-021	90% of values less than 1.12353E-018
Minimum 0.es less than 4.70185E-018	Maximum 2.78366E-016	
Mean 1.65418E-018	SD 1.28191E-017	Variance 1.64329E-034

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.00381287	10% of values less than 0.18377	25% of values less than 0.740844
50% of values less than 1.7178	75% of values less than 2.62358	90% of values less than 3.31401
Minimum 0.00381287	Maximum 4.908	
Mean 1.74989	SD 1.15055	Variance 1.32377

Retarded Travel Time to Tank Farm Aromatics Receptor years

05% of values less than 0.00779719	10% of values less than 0.433316	25% of values less than 1.94263
50% of values less than 4.25376	75% of values less than 6.86685	90% of values less than 9.82831
Minimum 0.00779719	Maximum 15.8486	
Mean 4.68525	SD 3.40853	Variance 11.6181

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 2.62188E-019	Maximum 6.28028E-016	
Mean 2.12155E-018	SD 2.75103E-017	Variance 7.56819E-034

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.027304	10% of values less than 0.230047	25% of values less than 0.874553
50% of values less than 1.87713	75% of values less than 2.93873	90% of values less than 4.00674
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 81919.8	SD 274377	Variance 7.52827E+010

Retarded Travel Time to DCE Tank Farm Lagoon Receptor years

05% of values less than 0.06776	10% of values less than 0.543981	25% of values less than 2.20753
50% of values less than 4.65518	75% of values less than 7.89383	90% of values less than 12.3462
Minimum 0.es less than 2.41821E+006	Maximum 4.63931E+006	
Mean 219972	SD 769898	Variance 5.92743E+011

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0243701	10% of values less than 0.221607	25% of values less than 0.867626
50% of values less than 1.8545	75% of values less than 2.91068	90% of values less than 3.86529
Minimum 0.es less than 1E+006	Maximum 1E+006	
Mean 71929.8	SD 258498	Variance 6.68212E+010

Retarded Travel Time to TCE Tank Farm Lagoon Receptor years

05% of values less than 0.0600695	10% of values less than 0.526098	25% of values less than 2.19213
50% of values less than 4.60633	75% of values less than 7.75682	90% of values less than 11.7299
Minimum 0.es less than 2.17801E+006	Maximum 4.63931E+006	
Mean 192053	SD 721625	Variance 5.20743E+011

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 1.40312E-017
Minimum 0.es less than 1.24176E-016	Maximum 2.10562E-013	
Mean 7.44002E-016	SD 9.25327E-015	Variance 8.5623E-029

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.00381287	10% of values less than 0.18377	25% of values less than 0.740844
50% of values less than 1.7178	75% of values less than 2.62358	90% of values less than 3.31401
Minimum 0.00381287	Maximum 4.908	
Mean 1.74989	SD 1.15055	Variance 1.32377

Retarded Travel Time to TCE Waste Chip Plant Receptor years

05% of values less than 0.00779719	10% of values less than 0.433316	25% of values less than 1.94263
50% of values less than 4.25376	75% of values less than 6.86685	90% of values less than 9.82831
Minimum 0.00779719	Maximum 15.8486	
Mean 4.68525	SD 3.40853	Variance 11.6181

Project: Ford Bridgend CWRA Soil Source Assessment

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TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 3.28326E-006	10% of values less than 1.74205E-005	25% of values less than 0.000174193
50% of values less than 0.000844138	75% of values less than 0.00230931	90% of values less than 0.00512102
Minimum 3.96573E-013 0.00786422	Maximum 0.0272231	
Mean 0.00186573	SD 0.00282808	Variance 7.99801E-006

TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.13979	10% of values less than 3.40768	25% of values less than 4.11156
50% of values less than 5.01482	75% of values less than 6.0294	90% of values less than 6.75279
Minimum 2.79456s than 7.20137	Maximum 9.01133	
Mean 5.08304	SD 1.25187	Variance 1.56718

Retarded Travel Time to Naphthalene Receptor years

05% of values less than 6.38749	10% of values less than 7.49459	25% of values less than 9.63407
50% of values less than 12.8792	75% of values less than 17.1212	90% of values less than 21.1955
Minimum 4.14437s than 23.7576	Maximum 33.2171	
Mean 13.7441	SD 5.42534	Variance 29.4344

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 3.6852E-011	10% of values less than 3.26472E-010	25% of values less than 6.10256E-009
50% of values less than 8.22618E-008	75% of values less than 6.13228E-007	90% of values less than 2.0438E-006
Minimum 1.13139E-016 4.25945E-006	Maximum 1.78855E-005	
Mean 8.1313E-007	SD 2.03752E-006	Variance 4.15147E-012

Project: Ford Bridgend CWRA Soil Source Assessment

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TCE Waste Chip Plant - Trichloroethene (TCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 3.13406	10% of values less than 3.40202	25% of values less than 4.10424
50% of values less than 5.0092	75% of values less than 6.02282	90% of values less than 6.74675
Minimum 2.78887s than 7.1928	Maximum 9.00109	
Mean 5.07644	SD 1.25146	Variance 1.56616

Retarded Travel Time to DCE Receptor years

05% of values less than 6.37813	10% of values less than 7.48439	25% of values less than 9.61924
50% of values less than 12.8636	75% of values less than 17.1025	90% of values less than 21.1555
Minimum 4.13625s than 23.7348	Maximum 33.1803	
Mean 13.7261	SD 5.4201	Variance 29.3775

TCE Waste Chip Plant - Trichloroethene (TCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 4.12555E-010	10% of values less than 3.26898E-009	25% of values less than 7.09774E-008
50% of values less than 9.58076E-007	75% of values less than 6.93481E-006	90% of values less than 2.21305E-005
Minimum 1.34638E-015 4.44178E-005	Maximum 0.000162459	
Mean 8.6123E-006	SD 2.05729E-005	Variance 4.23244E-010

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.900459	10% of values less than 1.05233	25% of values less than 1.61226
50% of values less than 2.65827	75% of values less than 3.6195	90% of values less than 4.30783
Minimum 0.671465	Maximum 5.97133	
Mean 2.6796	SD 1.19921	Variance 1.4381

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 1.61756	10% of values less than 1.94344	25% of values less than 2.96
50% of values less than 4.78	75% of values less than 6.59679	90% of values less than 7.76454
Minimum 1.14981	Maximum 9.65287	
Mean 4.84904	SD 2.14781	Variance 4.61311

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Naphthalene

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0918784	90% of values less than 0.157604
Minimum 0.175126	Maximum 0.264025	
Mean 0.0474054	SD 0.0649904	Variance 0.00422375

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 4.76723	90% of values less than 7.80804
Minimum 9.22053	Maximum 17.6414	
Mean 2.46599	SD 3.45561	Variance 11.9413

Trichloroethene (TCE)

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.799811	10% of values less than 0.876629	25% of values less than 1.20233
50% of values less than 1.82555	75% of values less than 2.61865	90% of values less than 3.2999
Minimum 0.628206	Maximum 4.76654	
Mean 1.9723	SD 0.916232	Variance 0.83948

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 1.68439	10% of values less than 2.09611	25% of values less than 3.0489
50% of values less than 4.67645	75% of values less than 6.89595	90% of values less than 9.45997
Minimum 1.04926	Maximum 17.0909	
Mean 5.32995	SD 2.98407	Variance 8.90469

EC10-EC12 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.0163761	10% of values less than 0.0373567	25% of values less than 0.100393
50% of values less than 0.418112	75% of values less than 0.603648	90% of values less than 0.720926
Minimum 0.000100508	Maximum 1.08693	
Mean 0.367755	SD 0.28074	Variance 0.0788151

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.815367	10% of values less than 1.92816	25% of values less than 5.27844
50% of values less than 21.0987	75% of values less than 30.8932	90% of values less than 39.1669
Minimum 0.0056094	Maximum 73.8117	
Mean 19.256	SD 15.3785	Variance 236.497

EC12-EC16 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.0163761	10% of values less than 0.0373567	25% of values less than 0.100393
50% of values less than 0.418112	75% of values less than 0.603648	90% of values less than 0.720926
Minimum 0.000100508	Maximum 1.08693	
Mean 0.367755	SD 0.28074	Variance 0.0788151

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 1.61382	10% of values less than 3.82176	25% of values less than 10.4259
50% of values less than 41.6659	75% of values less than 61.1366	90% of values less than 77.6241
Minimum 0.0111183	Maximum 146.553	
Mean 38.1442	SD 30.4847	Variance 929.319

EC16-EC21 Aromatics

Unretarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 0.0163761	10% of values less than 0.0373567	25% of values less than 0.100393
50% of values less than 0.418112	75% of values less than 0.603648	90% of values less than 0.720926
Minimum 0.000100508	Maximum 1.08693	
Mean 0.367755	SD 0.28074	Variance 0.0788151

Retarded Travel Time to Boiler House Aromatics Receptor [years]

05% of values less than 5.12702	10% of values less than 12.1536	25% of values less than 33.1306
50% of values less than 132.135	75% of values less than 194.276	90% of values less than 247.072
Minimum 0.0353574	Maximum 466.614	
Mean 121.252	SD 96.9526	Variance 9399.81

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

1,2-Dichloroethene (1,2-DCE)

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000297718	10% of values less than 0.00038285	25% of values less than 0.000556506
50% of values less than 0.000848054	75% of values less than 0.00122268	90% of values less than 0.00164539
Minimum 0.000165126	Maximum 0.00293562	
Mean 0.000936971	SD 0.000498685	Variance 2.48687E-007

Naphthalene

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00146972	10% of values less than 0.00225289	25% of values less than 0.00422377
50% of values less than 0.0106166	75% of values less than 0.0277593	90% of values less than 0.0572193
Minimum 7.46063E-005 0.078323	Maximum 0.150589	
Mean 0.0210376	SD 0.0252761	Variance 0.00063888

Trichloroethene (TCE)

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 2.20834E-007	10% of values less than 1.61931E-006	25% of values less than 1.30905E-005
50% of values less than 8.39494E-005	75% of values less than 0.000258194	90% of values less than 0.000641878
Minimum 1.00969E-012 0.000961709	Maximum 0.00513303	
Mean 0.000227488	SD 0.000398013	Variance 1.58415E-007

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC10-EC12 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00173268	10% of values less than 0.00268924	25% of values less than 0.00473907
50% of values less than 0.0119616	75% of values less than 0.0299432	90% of values less than 0.0622141
Minimum 0.000114699	Maximum 0.176443	
Mean 0.0233511	SD 0.0278902	Variance 0.000777863

EC12-EC16 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0132382	10% of values less than 0.0162234	25% of values less than 0.0239935
50% of values less than 0.0398241	75% of values less than 0.0578777	90% of values less than 0.0797474
Minimum 0.00629802an 0.0913586	Maximum 0.138944	
Mean 0.0440556	SD 0.0248592	Variance 0.000617982

EC16-EC21 Aromatics

Concentration at Boiler House Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00194847	10% of values less than 0.00270049	25% of values less than 0.00506285
50% of values less than 0.0106657	75% of values less than 0.022152	90% of values less than 0.0406048
Minimum 0.0001725121 0.051585	Maximum 0.0963758	
Mean 0.0164359	SD 0.0156832	Variance 0.000245963

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.256736	10% of values less than 0.360581	25% of values less than 0.931193
50% of values less than 1.94863	75% of values less than 2.94024	90% of values less than 3.61706
Minimum 0.08309161an 3.91448	Maximum 5.22152	
Mean 2.00241	SD 1.19268	Variance 1.4225

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.467949	10% of values less than 0.646884	25% of values less than 1.70006
50% of values less than 3.54802	75% of values less than 5.32205	90% of values less than 6.5478
Minimum 0.147395 than 7.00936	Maximum 8.30441	
Mean 3.61745	SD 2.12969	Variance 4.53558

Naphthalene

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 4.09183E+007	10% of values less than 4.28641E+007	25% of values less than 4.65873E+007
50% of values less than 5.09675E+007	75% of values less than 5.71548E+007	90% of values less than 6.23832E+007
Minimum 3.62671E+0076.52739E+007	Maximum 7.64788E+007	
Mean 5.20167E+007	SD 7.41244E+006	Variance 5.49443E+013

Trichloroethene (TCE)

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.150145	10% of values less than 0.228071	25% of values less than 0.509156
50% of values less than 1.15248	75% of values less than 1.90013	90% of values less than 2.59419
Minimum 0.04151391	Maximum 4.14379	
Mean 1.29321	SD 0.906725	Variance 0.82215

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.385912	10% of values less than 0.533279	25% of values less than 1.19178
50% of values less than 2.91033	75% of values less than 4.99998	90% of values less than 7.19485
Minimum 0.076845	Maximum 14.3852	
Mean 3.48456	SD 2.70922	Variance 7.3399

EC10-EC12 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.017222	10% of values less than 0.0312429	25% of values less than 0.0704244
50% of values less than 0.15615	75% of values less than 0.266154	90% of values less than 0.328093
Minimum 0.000187437	Maximum 0.52313	
Mean 0.171327	SD 0.114702	Variance 0.0131564

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.849562	10% of values less than 1.59875	25% of values less than 3.60402
50% of values less than 7.95363	75% of values less than 13.6325	90% of values less than 17.3241
Minimum 0.0126769	Maximum 37.305	
Mean 8.96824	SD 6.34539	Variance 40.264

EC12-EC16 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.017222	10% of values less than 0.0312429	25% of values less than 0.0704244
50% of values less than 0.15615	75% of values less than 0.266154	90% of values less than 0.328093
Minimum 0.000187437	Maximum 0.52313	
Mean 0.171327	SD 0.114702	Variance 0.0131564

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 1.67731	10% of values less than 3.16981	25% of values less than 7.13923
50% of values less than 15.7597	75% of values less than 26.9766	90% of values less than 34.3004
Minimum 0.0251663	Maximum 74.121	
Mean 17.7652	SD 12.5802	Variance 158.262

EC16-EC21 Aromatics

Unretarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 0.017222	10% of values less than 0.0312429	25% of values less than 0.0704244
50% of values less than 0.15615	75% of values less than 0.266154	90% of values less than 0.328093
Minimum 0.000187437	Maximum 0.52313	
Mean 0.171327	SD 0.114702	Variance 0.0131564

Retarded Travel Time to ETP Aromatics Receptor [years]

05% of values less than 5.31939	10% of values less than 10.0779	25% of values less than 22.7114
50% of values less than 50.1066	75% of values less than 85.6988	90% of values less than 108.955
Minimum 0.0801199	Maximum 236.111	
Mean 56.4716	SD 40.0137	Variance 1601.09

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

1,2-Dichloroethene (1,2-DCE)

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 3.96247E-005	10% of values less than 6.02618E-005	25% of values less than 0.000127999
50% of values less than 0.000287405	75% of values less than 0.000618152	90% of values less than 0.000930277
Minimum 1.50314E-005 0.00114514	Maximum 0.00188379	
Mean 0.000411644	SD 0.000363571	Variance 1.32184E-007

Naphthalene

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 3.55739E-008	10% of values less than 1.93667E-007	25% of values less than 1.82854E-006
50% of values less than 1.059E-005	75% of values less than 3.8965E-005	90% of values less than 0.000115783
Minimum 2.82384E-015 0.000198126	Maximum 0.00112511	
Mean 4.04439E-005	SD 8.79352E-005	Variance 7.7326E-009

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC10-EC12 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0026345	10% of values less than 0.00347944	25% of values less than 0.00555534
50% of values less than 0.00991647	75% of values less than 0.0167041	90% of values less than 0.0303343
Minimum 0.000889915	Maximum 0.0854221	
Mean 0.0136185	SD 0.0119687	Variance 0.000143251

EC12-EC16 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.022243	10% of values less than 0.0280572	25% of values less than 0.0389239
50% of values less than 0.0516581	75% of values less than 0.0685509	90% of values less than 0.0880795
Minimum 0.00909087an 0.104478	Maximum 0.183813	
Mean 0.0560381	SD 0.0249609	Variance 0.000623045

EC16-EC21 Aromatics

Concentration at ETP Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.00187118	10% of values less than 0.00227685	25% of values less than 0.00322468
50% of values less than 0.00473665	75% of values less than 0.00699803	90% of values less than 0.0105579
Minimum 0.0009934691 0.0131206	Maximum 0.0250448	
Mean 0.0056524	SD 0.00351296	Variance 1.23409E-005

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.00962953	10% of values less than 0.139787	25% of values less than 0.726273
50% of values less than 1.71936	75% of values less than 2.73585	90% of values less than 3.40658
Minimum 0.05 less than 3.75101	Maximum 5.0933	
Mean 1.78359	SD 1.19231	Variance 1.42161

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.0182116	10% of values less than 0.265331	25% of values less than 1.31045
50% of values less than 3.16352	75% of values less than 4.96144	90% of values less than 6.17659
Minimum 0.05 less than 6.63698	Maximum 8.07526	
Mean 3.21928	SD 2.12774	Variance 4.52729

Naphthalene

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 4.09183E+007	10% of values less than 4.28641E+007	25% of values less than 4.65873E+007
50% of values less than 5.09675E+007	75% of values less than 5.71548E+007	90% of values less than 6.23832E+007
Minimum 3.62671E+0076.52739E+007	Maximum 7.64788E+007	
Mean 5.20167E+007	SD 7.41244E+006	Variance 5.49443E+013

Trichloroethene (TCE)

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.00381287	10% of values less than 0.0950618	25% of values less than 0.408254
50% of values less than 1.0526	75% of values less than 1.77491	90% of values less than 2.45408
Minimum 0.05 less than 2.89309	Maximum 3.89581	
Mean 1.17983	SD 0.898754	Variance 0.807758

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0.00779719	10% of values less than 0.225882	25% of values less than 0.936916
50% of values less than 2.68238	75% of values less than 4.66127	90% of values less than 6.94274
Minimum 0.05 less than 8.44538	Maximum 14.0768	
Mean 3.19412	SD 2.67822	Variance 7.17285

EC10-EC12 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0061886	90% of values less than 0.0439274
Minimum 0.0593241	Maximum 0.107178	
Mean 0.010117	SD 0.0202027	Variance 0.00040815

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.30568	90% of values less than 2.31803
Minimum 0.10666	Maximum 6.60214	
Mean 0.528858	SD 1.07704	Variance 1.16002

EC12-EC16 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0061886	90% of values less than 0.0439274
Minimum 0.0593241	Maximum 0.107178	
Mean 0.010117	SD 0.0202027	Variance 0.00040815

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.604694	90% of values less than 4.59195
Minimum 0.15567	Maximum 13.0971	
Mean 1.0476	SD 2.13418	Variance 4.55472

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC16-EC21 Aromatics

Unretarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0061886	90% of values less than 0.0439274
Minimum 0.0593241	Maximum 0.107178	
Mean 0.010117	SD 0.0202027	Variance 0.00040815

Retarded Travel Time to Tank Farm Aromatics Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.92035	90% of values less than 14.5972
Minimum 0.195713	Maximum 41.6749	
Mean 3.33006	SD 6.78559	Variance 46.0442

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

1,2-Dichloroethene (1,2-DCE)

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.0243692	10% of values less than 0.0273309	25% of values less than 0.0335902
50% of values less than 0.0433182	75% of values less than 0.0572635	90% of values less than 0.0736318
Minimum 0.018982	Maximum 0.150465	
Mean 0.0473564	SD 0.0189633	Variance 0.000359605

Naphthalene

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 6.83781E-006	10% of values less than 3.75826E-005	25% of values less than 0.000280805
50% of values less than 0.00147941	75% of values less than 0.00436513	90% of values less than 0.00796342
Minimum 5.34637E-013 0.0108888	Maximum 0.0313288	
Mean 0.00297631	SD 0.00380232	Variance 1.44576E-005

EC10-EC12 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000258112	10% of values less than 0.000450869	25% of values less than 0.00170261
50% of values less than 0.00594486	75% of values less than 0.0137835	90% of values less than 0.0237113
Minimum 9.26544E-007 0.0334601	Maximum 0.0689182	
Mean 0.00964725	SD 0.0108871	Variance 0.000118529

EC12-EC16 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000919479	10% of values less than 0.00201327	25% of values less than 0.00829141
50% of values less than 0.0305131	75% of values less than 0.0532505	90% of values less than 0.0697241
Minimum 1.9922E-006n 0.0803957	Maximum 0.162561	
Mean 0.0337444	SD 0.0271446	Variance 0.000736828

EC16-EC21 Aromatics

Concentration at Tank Farm Aromatics Receptor [mg/l] - 1000 years

05% of values less than 0.000139603	10% of values less than 0.000255459	25% of values less than 0.000942135
50% of values less than 0.00354298	75% of values less than 0.00666676	90% of values less than 0.0106873
Minimum 3.35573E-007 0.0134439	Maximum 0.0280673	
Mean 0.00458794	SD 0.00435767	Variance 1.89893E-005

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.00446094	10% of values less than 0.139787	25% of values less than 0.715274
50% of values less than 1.71107	75% of values less than 2.73414	90% of values less than 3.40658
Minimum 0.00000000	Maximum 5.0933	
Mean 1.77942	SD 1.19255	Variance 1.42218

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.00756857	10% of values less than 0.265331	25% of values less than 1.2981
50% of values less than 3.15847	75% of values less than 4.96144	90% of values less than 6.17659
Minimum 0.00000000	Maximum 8.07526	
Mean 3.21165	SD 2.12813	Variance 4.52892

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Naphthalene

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 4.09183E+007	10% of values less than 4.28641E+007	25% of values less than 4.65873E+007
50% of values less than 5.09675E+007	75% of values less than 5.71548E+007	90% of values less than 6.23832E+007
Minimum 3.62671E+0076.52739E+007	Maximum 7.64788E+007	
Mean 5.20167E+007	SD 7.41244E+006	Variance 5.49443E+013

Trichloroethene (TCE)

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.016895	10% of values less than 0.109889	25% of values less than 0.445282
50% of values less than 1.13903	75% of values less than 1.91033	90% of values less than 2.62783
Minimum 0.000000	Maximum 1E+006	
Mean 1999.26	SD 44676.7	Variance 1.996E+009

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.0399169	10% of values less than 0.264719	25% of values less than 1.11323
50% of values less than 2.8771	75% of values less than 4.95676	90% of values less than 7.38062
Minimum 0.000000	Maximum 1.85107E+006	
Mean 3406.35	SD 76379.4	Variance 5.83381E+009

EC10-EC12 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0236575
Minimum 0.0391539	Maximum 0.0768178	
Mean 0.00511757	SD 0.0126176	Variance 0.000159205

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 1.22672
Minimum 0.192393	Maximum 4.73194	
Mean 0.267527	SD 0.671908	Variance 0.45146

EC12-EC16 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0236575
Minimum 0.es less than 0.0391539	Maximum 0.0768178	
Mean 0.00511757	SD 0.0126176	Variance 0.000159205

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 2.43255
Minimum 0.es less than 3.8089	Maximum 9.38707	
Mean 0.529936	SD 1.33136	Variance 1.77253

EC16-EC21 Aromatics

Unretarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0236575
Minimum 0.es less than 0.0391539	Maximum 0.0768178	
Mean 0.00511757	SD 0.0126176	Variance 0.000159205

Retarded Travel Time to DCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 7.72645
Minimum 0.es less than 12.0985	Maximum 29.8696	
Mean 1.68454	SD 4.23297	Variance 17.918

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

1,2-Dichloroethene (1,2-DCE)

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.0153924	10% of values less than 0.0184911	25% of values less than 0.0259492
50% of values less than 0.035972	75% of values less than 0.0506227	90% of values less than 0.0685701
Minimum 0.00463382an 0.0781534	Maximum 0.190511	
Mean 0.0405787	SD 0.0208967	Variance 0.000436672

Naphthalene

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 4.45875E-006	10% of values less than 2.98189E-005	25% of values less than 0.000208449
50% of values less than 0.0011555	75% of values less than 0.003479	90% of values less than 0.00674016
Minimum 4.14693E-013 0.00967694	Maximum 0.039797	
Mean 0.00248151	SD 0.00352178	Variance 1.24029E-005

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC10-EC12 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.000977607	10% of values less than 0.00155202	25% of values less than 0.00442891
50% of values less than 0.00968853	75% of values less than 0.0197145	90% of values less than 0.0332106
Minimum 2.71599E-006 0.0421765	Maximum 0.0883757	
Mean 0.0141193	SD 0.0133866	Variance 0.000179202

EC12-EC16 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.00418564	10% of values less than 0.00645562	25% of values less than 0.0204266
50% of values less than 0.04524	75% of values less than 0.0641575	90% of values less than 0.0792928
Minimum 5.12905E-006 0.0896513	Maximum 0.173924	
Mean 0.0447799	SD 0.028445	Variance 0.000809118

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC16-EC21 Aromatics

Concentration at DCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.000559991	10% of values less than 0.000853578	25% of values less than 0.00247298
50% of values less than 0.00550554	75% of values less than 0.00912793	90% of values less than 0.0131583
Minimum 9.34706E-007 0.0158973	Maximum 0.0318134	
Mean 0.00641226	SD 0.00498381	Variance 2.48383E-005

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.00446094	10% of values less than 0.139787	25% of values less than 0.717271
50% of values less than 1.71107	75% of values less than 2.73585	90% of values less than 3.40658
Minimum 0.05 less than 3.74905	Maximum 5.0933	
Mean 1.77965	SD 1.19254	Variance 1.42214

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.00756857	10% of values less than 0.265331	25% of values less than 1.2981
50% of values less than 3.15847	75% of values less than 4.96144	90% of values less than 6.17659
Minimum 0.05 less than 6.62401	Maximum 8.07526	
Mean 3.21208	SD 2.1281	Variance 4.5288

Naphthalene

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 4.09183E+007	10% of values less than 4.28641E+007	25% of values less than 4.65873E+007
50% of values less than 5.09675E+007	75% of values less than 5.71548E+007	90% of values less than 6.23832E+007
Minimum 3.62671E+0076.52739E+007	Maximum 7.64788E+007	
Mean 5.20167E+007	SD 7.41244E+006	Variance 5.49443E+013

Trichloroethene (TCE)

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.016895	10% of values less than 0.109886	25% of values less than 0.443809
50% of values less than 1.13903	75% of values less than 1.90801	90% of values less than 2.60902
Minimum 0.000000	Maximum 1E+006	
Mean 1999.25	SD 44676.7	Variance 1.996E+009

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0.034378	10% of values less than 0.263468	25% of values less than 1.09551
50% of values less than 2.8771	75% of values less than 4.94881	90% of values less than 7.34744
Minimum 0.000000	Maximum 1.85107E+006	
Mean 3406.33	SD 76379.4	Variance 5.83381E+009

EC10-EC12 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0250289
Minimum 0.es less than 0.0405675	Maximum 0.0789336	
Mean 0.00541771	SD 0.0131137	Variance 0.000171968

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 1.29927
Minimum 0.es less than 1.99242	Maximum 4.86228	
Mean 0.28323	SD 0.698343	Variance 0.487682

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC12-EC16 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0250289
Minimum 0.es less than 0.0405675	Maximum 0.0789336	
Mean 0.00541771	SD 0.0131137	Variance 0.000171968

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 2.5731
Minimum 0.es less than 3.95445	Maximum 9.64562	
Mean 0.561043	SD 1.38374	Variance 1.91475

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC16-EC21 Aromatics

Unretarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0.0250289
Minimum 0.es less than 0.0405675	Maximum 0.0789336	
Mean 0.00541771	SD 0.0131137	Variance 0.000171968

Retarded Travel Time to TCE Tank Farm Lagoon Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 8.17794
Minimum 0.es less than 12.5887	Maximum 30.6923	
Mean 1.78342	SD 4.39952	Variance 19.3558

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

1,2-Dichloroethene (1,2-DCE)

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0.0124051	10% of values less than 0.0142566	25% of values less than 0.0202507
50% of values less than 0.0308063	75% of values less than 0.0468936	90% of values less than 0.0682897
Minimum 0.00320904an 0.0823247	Maximum 0.164043	
Mean 0.0367706	SD 0.0228927	Variance 0.000524076

Naphthalene

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Trichloroethene (TCE)

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 3.16186E-006	10% of values less than 2.27838E-005	25% of values less than 0.000196233
50% of values less than 0.00100691	75% of values less than 0.00306214	90% of values less than 0.00681624
Minimum 4.55401E-013 0.00942887	Maximum 0.0255203	
Mean 0.00235388	SD 0.00335088	Variance 1.12284E-005

EC10-EC12 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 3.07218E-008	10% of values less than 3.44119E-006	25% of values less than 7.85897E-005
50% of values less than 0.00162351	75% of values less than 0.00695604	90% of values less than 0.0158975
Minimum 0.es less than 0.0254473	Maximum 0.065702	
Mean 0.00555407	SD 0.00937655	Variance 8.79197E-005

EC12-EC16 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 5.99845E-008	10% of values less than 9.47166E-006	25% of values less than 0.00036433
50% of values less than 0.00705383	75% of values less than 0.0304337	90% of values less than 0.048488
Minimum 0.es less than 0.0640068	Maximum 0.144434	
Mean 0.0177187	SD 0.0223276	Variance 0.000498521

EC16-EC21 Aromatics

Concentration at TCE Tank Farm Lagoon Receptor [mg/l] - 1000 years

05% of values less than 1.04894E-008	10% of values less than 1.42725E-006	25% of values less than 4.62472E-005
50% of values less than 0.000892451	75% of values less than 0.00365927	90% of values less than 0.00693982
Minimum 0.es less than 0.00980682	Maximum 0.026055	
Mean 0.00252606	SD 0.00368057	Variance 1.35466E-005

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.0249552	10% of values less than 0.148144	25% of values less than 0.742306
50% of values less than 1.72672	75% of values less than 2.73668	90% of values less than 3.40692
Minimum 0.05 less than 3.76245	Maximum 5.0933	
Mean 1.79083	SD 1.19173	Variance 1.42022

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.0436214	10% of values less than 0.270604	25% of values less than 1.34486
50% of values less than 3.17221	75% of values less than 4.96144	90% of values less than 6.20298
Minimum 0.05 less than 6.64584	Maximum 8.07526	
Mean 3.23248	SD 2.12674	Variance 4.52303

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Naphthalene

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 1E+006	10% of values less than 1E+006	25% of values less than 1E+006
50% of values less than 1E+006	75% of values less than 1E+006	90% of values less than 1E+006
Minimum 1E+006s than 1E+006	Maximum 1E+006	
Mean 1E+006	SD 0	Variance 0

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 4.09183E+007	10% of values less than 4.28641E+007	25% of values less than 4.65873E+007
50% of values less than 5.09675E+007	75% of values less than 5.71548E+007	90% of values less than 6.23832E+007
Minimum 3.62671E+0076.52739E+007	Maximum 7.64788E+007	
Mean 5.20167E+007	SD 7.41244E+006	Variance 5.49443E+013

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Trichloroethene (TCE)

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.000941955	10% of values less than 0.091374	25% of values less than 0.393548
50% of values less than 1.04992	75% of values less than 1.77808	90% of values less than 2.45408
Minimum 0.000941955	Maximum 3.89581	
Mean 1.176	SD 0.898807	Variance 0.807854

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0.00184294	10% of values less than 0.211765	25% of values less than 0.918028
50% of values less than 2.64435	75% of values less than 4.65518	90% of values less than 6.94274
Minimum 0.00184294	Maximum 14.0768	
Mean 3.182	SD 2.67371	Variance 7.14872

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC10-EC12 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0300229	90% of values less than 0.0704934
Minimum 0.0856018	Maximum 0.143047	
Mean 0.0182504	SD 0.0299848	Variance 0.00089909

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 1.55905	90% of values less than 3.63072
Minimum 0.40588	Maximum 8.95164	
Mean 0.952186	SD 1.60025	Variance 2.56079

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

EC12-EC16 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0300229	90% of values less than 0.0704934
Minimum 0.0856018	Maximum 0.143047	
Mean 0.0182504	SD 0.0299848	Variance 0.00089909

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 3.08632	90% of values less than 7.18847
Minimum 0.72329	Maximum 17.7672	
Mean 1.88612	SD 3.17099	Variance 10.0552

EC16-EC21 Aromatics

Unretarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0.0300229	90% of values less than 0.0704934
Minimum 0.0856018	Maximum 0.143047	
Mean 0.0182504	SD 0.0299848	Variance 0.00089909

Retarded Travel Time to TCE Waste Chip Plant Receptor [years]

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 9.80629	90% of values less than 22.8426
Minimum 0.27.7342	Maximum 56.5557	
Mean 5.99544	SD 10.0823	Variance 101.653

1,2-Dichloroethene (1,2-DCE)

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 6.98929E-017
50% of values less than 7.66984E-013	75% of values less than 2.1221E-010	90% of values less than 2.67894E-009
Minimum 0.es less than 1.17008E-008	Maximum 8.07673E-008	
Mean 1.82754E-009	SD 6.92288E-009	Variance 4.79262E-017

Naphthalene

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 0	75% of values less than 0	90% of values less than 0
Minimum 0.es less than 0	Maximum 0	
Mean 0	SD 0	Variance 0

Project: Ford Bridgend CWRA Soil Source Assessment

Project Number: 21476577

Trichloroethene (TCE)

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 3.28326E-006	10% of values less than 1.74207E-005	25% of values less than 0.000174193
50% of values less than 0.000844138	75% of values less than 0.00230931	90% of values less than 0.00512102
Minimum 3.96573E-013 0.00786422	Maximum 0.0272231	
Mean 0.00186573	SD 0.00282808	Variance 7.99801E-006

EC10-EC12 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 5.57384E-017	75% of values less than 5.27787E-013	90% of values less than 1.53264E-010
Minimum 0.es less than 1.00912E-009	Maximum 4.6619E-008	
Mean 3.8406E-010	SD 2.55611E-009	Variance 6.53368E-018

EC12-EC16 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 2.45148E-016	75% of values less than 2.86622E-012	90% of values less than 1.02984E-009
Minimum 0.es less than 7.81351E-009	Maximum 2.04652E-007	
Mean 2.58711E-009	SD 1.45524E-008	Variance 2.11773E-016

EC16-EC21 Aromatics

Concentration at TCE Waste Chip Plant Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 0
50% of values less than 3.06299E-017	75% of values less than 3.43093E-013	90% of values less than 8.89381E-011
Minimum 0.es less than 7.96252E-010	Maximum 2.25494E-008	
Mean 2.5558E-010	SD 1.47202E-009	Variance 2.16683E-018

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.15486	10% of values less than 3.43416	25% of values less than 4.12907
50% of values less than 5.14434	75% of values less than 6.18717	90% of values less than 6.84754
Minimum 2.83045s than 7.30093	Maximum 8.73997	
Mean 5.18011	SD 1.29927	Variance 1.6881

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 5.62649	10% of values less than 6.20513	25% of values less than 7.44149
50% of values less than 9.34077	75% of values less than 11.2208	90% of values less than 12.5089
Minimum 4.84682s than 13.2828	Maximum 16.4359	
Mean 9.39666	SD 2.40351	Variance 5.77684

Naphthalene

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.90951	10% of values less than 1.95014	25% of values less than 2.04541
50% of values less than 2.21027	75% of values less than 2.51383	90% of values less than 2.82204
Minimum 1.83696s than 3.03083	Maximum 3.55676	
Mean 2.31403	SD 0.349189	Variance 0.121933

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 91.6842	10% of values less than 94.7267	25% of values less than 101.885
50% of values less than 113.376	75% of values less than 129.586	90% of values less than 159.176
Minimum 77.3737s than 176.949	Maximum 260.389	
Mean 120.529	SD 27.2415	Variance 742.097

Trichloroethene (TCE)

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 3.02941	10% of values less than 3.20207	25% of values less than 3.65407
50% of values less than 4.36518	75% of values less than 5.16012	90% of values less than 5.95209
Minimum 2.79456s than 6.40649	Maximum 8.50778	
Mean 4.47983	SD 1.04834	Variance 1.09902

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 5.71255	10% of values less than 6.66261	25% of values less than 8.52419
50% of values less than 11.2563	75% of values less than 14.9229	90% of values less than 18.5847
Minimum 4.14437s than 20.9562	Maximum 30.2135	
Mean 12.144	SD 4.74882	Variance 22.5513

EC10-EC12 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.90951	10% of values less than 1.95014	25% of values less than 2.04541
50% of values less than 2.21027	75% of values less than 2.51383	90% of values less than 2.82204
Minimum 1.83696s than 3.03083	Maximum 3.55676	
Mean 2.31403	SD 0.349189	Variance 0.121933

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 91.6842	10% of values less than 94.7267	25% of values less than 101.885
50% of values less than 113.376	75% of values less than 129.586	90% of values less than 159.176
Minimum 77.3737s than 176.949	Maximum 260.389	
Mean 120.529	SD 27.2415	Variance 742.097

EC12-EC16 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.90951	10% of values less than 1.95014	25% of values less than 2.04541
50% of values less than 2.21027	75% of values less than 2.51383	90% of values less than 2.82204
Minimum 1.83696s than 3.03083	Maximum 3.55676	
Mean 2.31403	SD 0.349189	Variance 0.121933

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 181.459	10% of values less than 187.24	25% of values less than 201.583
50% of values less than 224.617	75% of values less than 256.8	90% of values less than 315.879
Minimum 152.906s than 350.839	Maximum 517.365	
Mean 238.743	SD 54.2302	Variance 2940.91

EC16-EC21 Aromatics

Unretarded Travel Time to Naphthalene Receptor [years]

05% of values less than 1.90951	10% of values less than 1.95014	25% of values less than 2.04541
50% of values less than 2.21027	75% of values less than 2.51383	90% of values less than 2.82204
Minimum 1.83696s than 3.03083	Maximum 3.55676	
Mean 2.31403	SD 0.349189	Variance 0.121933

Retarded Travel Time to Naphthalene Receptor [years]

05% of values less than 576.205	10% of values less than 594.817	25% of values less than 639.964
50% of values less than 713.95	75% of values less than 817.199	90% of values less than 1004.89
Minimum 485.248s than 1115.98	Maximum 1648.06	
Mean 758.887	SD 172.983	Variance 29923

1,2-Dichloroethene (1,2-DCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 1.29389E-007	10% of values less than 2.48875E-007	25% of values less than 8.15794E-007
50% of values less than 3.09815E-006	75% of values less than 9.22045E-006	90% of values less than 1.78565E-005
Minimum 3.38838E-009 2.3284E-005	Maximum 4.38829E-005	
Mean 6.28245E-006	SD 7.66964E-006	Variance 5.88234E-011

Naphthalene

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 9.10211E-013	10% of values less than 6.72846E-012	25% of values less than 1.32614E-010
50% of values less than 3.65138E-009	75% of values less than 3.59255E-008	90% of values less than 1.90676E-007
Minimum 3.12701E-017 2.95181E-007	Maximum 1.29901E-006	
Mean 5.5396E-008	SD 1.30652E-007	Variance 1.70698E-014

Trichloroethene (TCE)

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 5.59306E-009	10% of values less than 3.42145E-008	25% of values less than 5.19611E-007
50% of values less than 4.95518E-006	75% of values less than 3.47667E-005	90% of values less than 0.000141844
Minimum 4.56921E-014 0.000227894	Maximum 0.00115307	
Mean 4.51643E-005	SD 0.000106008	Variance 1.12376E-008

EC10-EC12 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 1.36754E-012	10% of values less than 5.67927E-012	25% of values less than 1.10517E-010
50% of values less than 2.95634E-009	75% of values less than 3.82124E-008	90% of values less than 1.55666E-007
Minimum 3.45364E-018 3.38994E-007	Maximum 2.83345E-006	
Mean 5.65508E-008	SD 1.56302E-007	Variance 2.44303E-014

EC12-EC16 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 4.86053E-005	10% of values less than 7.8688E-005	25% of values less than 0.000154535
50% of values less than 0.000326386	75% of values less than 0.000609402	90% of values less than 0.000964476
Minimum 2.83587E-006 0.00120493	Maximum 0.00213286	
Mean 0.000439773	SD 0.00037824	Variance 1.43066E-007

EC16-EC21 Aromatics

Concentration at Naphthalene Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 7.80336E-008
50% of values less than 4.03706E-007	75% of values less than 1.53482E-006	90% of values less than 3.72727E-006
Minimum 0.es less than 5.41259E-006	Maximum 1.50514E-005	
Mean 1.23497E-006	SD 1.93114E-006	Variance 3.72931E-012

1,2-Dichloroethene (1,2-DCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 3.14907	10% of values less than 3.42847	25% of values less than 4.1224
50% of values less than 5.13857	75% of values less than 6.18139	90% of values less than 6.84034
Minimum 2.82478s than 7.29517	Maximum 8.7327	
Mean 5.17355	SD 1.29886	Variance 1.68705

Retarded Travel Time to DCE Receptor [years]

05% of values less than 5.61613	10% of values less than 6.19399	25% of values less than 7.43119
50% of values less than 9.32238	75% of values less than 11.2084	90% of values less than 12.494
Minimum 4.83712s than 13.2689	Maximum 16.4181	
Mean 9.38473	SD 2.4025	Variance 5.77198

Naphthalene

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.90402	10% of values less than 1.94472	25% of values less than 2.0401
50% of values less than 2.20445	75% of values less than 2.50689	90% of values less than 2.81468
Minimum 1.83168s than 3.02281	Maximum 3.54807	
Mean 2.30793	SD 0.34838	Variance 0.121369

Retarded Travel Time to DCE Receptor [years]

05% of values less than 91.4208	10% of values less than 94.4538	25% of values less than 101.604
50% of values less than 113.097	75% of values less than 129.245	90% of values less than 158.742
Minimum 77.1518s than 176.481	Maximum 259.722	
Mean 120.211	SD 27.1736	Variance 738.402

Trichloroethene (TCE)

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 3.02338	10% of values less than 3.19609	25% of values less than 3.64786
50% of values less than 4.35807	75% of values less than 5.15342	90% of values less than 5.94587
Minimum 2.78887s than 6.39775	Maximum 8.49765	
Mean 4.47325	SD 1.04782	Variance 1.09793

Retarded Travel Time to DCE Receptor [years]

05% of values less than 5.70297	10% of values less than 6.6523	25% of values less than 8.51204
50% of values less than 11.2375	75% of values less than 14.9033	90% of values less than 18.5669
Minimum 4.13625s than 20.9166	Maximum 30.179	
Mean 12.1261	SD 4.74334	Variance 22.4993

EC10-EC12 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.90402	10% of values less than 1.94472	25% of values less than 2.0401
50% of values less than 2.20445	75% of values less than 2.50689	90% of values less than 2.81468
Minimum 1.83168s than 3.02281	Maximum 3.54807	
Mean 2.30793	SD 0.34838	Variance 0.121369

Retarded Travel Time to DCE Receptor [years]

05% of values less than 91.4208	10% of values less than 94.4538	25% of values less than 101.604
50% of values less than 113.097	75% of values less than 129.245	90% of values less than 158.742
Minimum 77.1518s than 176.481	Maximum 259.722	
Mean 120.211	SD 27.1736	Variance 738.402

EC12-EC16 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.90402	10% of values less than 1.94472	25% of values less than 2.0401
50% of values less than 2.20445	75% of values less than 2.50689	90% of values less than 2.81468
Minimum 1.83168s than 3.02281	Maximum 3.54807	
Mean 2.30793	SD 0.34838	Variance 0.121369

Retarded Travel Time to DCE Receptor [years]

05% of values less than 180.937	10% of values less than 186.714	25% of values less than 201.039
50% of values less than 224.045	75% of values less than 256.171	90% of values less than 315.032
Minimum 152.467s than 349.91	Maximum 516.04	
Mean 238.114	SD 54.095	Variance 2926.26

EC16-EC21 Aromatics

Unretarded Travel Time to DCE Receptor [years]

05% of values less than 1.90402	10% of values less than 1.94472	25% of values less than 2.0401
50% of values less than 2.20445	75% of values less than 2.50689	90% of values less than 2.81468
Minimum 1.83168s than 3.02281	Maximum 3.54807	
Mean 2.30793	SD 0.34838	Variance 0.121369

Retarded Travel Time to DCE Receptor [years]

05% of values less than 574.587	10% of values less than 593.138	25% of values less than 638.409
50% of values less than 712.206	75% of values less than 814.873	90% of values less than 1002.2
Minimum 483.856s than 1113	Maximum 1643.84	
Mean 756.888	SD 172.551	Variance 29773.9

1,2-Dichloroethene (1,2-DCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.8931E-007	10% of values less than 3.92373E-007	25% of values less than 1.19962E-006
50% of values less than 4.59448E-006	75% of values less than 1.33349E-005	90% of values less than 2.58992E-005
Minimum 4.17041E-009 3.47904E-005	Maximum 6.22666E-005	
Mean 9.30818E-006	SD 1.14266E-005	Variance 1.30567E-010

Naphthalene

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 4.18659E-013	10% of values less than 2.63259E-012	25% of values less than 4.81302E-011
50% of values less than 1.36659E-009	75% of values less than 1.38766E-008	90% of values less than 6.57006E-008
Minimum 1.37245E-017 1.27661E-007	Maximum 5.90733E-007	
Mean 2.16385E-008	SD 5.27963E-008	Variance 2.78745E-015

Trichloroethene (TCE)

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 1.52174E-008	10% of values less than 8.7872E-008	25% of values less than 1.30322E-006
50% of values less than 1.03776E-005	75% of values less than 6.27182E-005	90% of values less than 0.000238743
Minimum 4.92807E-013 0.000354322	Maximum 0.0015369	
Mean 7.30327E-005	SD 0.000157461	Variance 2.47938E-008

EC10-EC12 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 5.60615E-013	10% of values less than 2.24531E-012	25% of values less than 4.28522E-011
50% of values less than 1.16037E-009	75% of values less than 1.44703E-008	90% of values less than 5.84399E-008
Minimum 1.52398E-018 1.18549E-007	Maximum 1.17853E-006	
Mean 2.2229E-008	SD 6.52262E-008	Variance 4.25446E-015

EC12-EC16 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 2.00744E-005	10% of values less than 3.05369E-005	25% of values less than 6.63266E-005
50% of values less than 0.000144362	75% of values less than 0.000279857	90% of values less than 0.000453503
Minimum 1.03062E-006 0.000583992	Maximum 0.00117706	
Mean 0.000202892	SD 0.000186388	Variance 3.47406E-008

EC16-EC21 Aromatics

Concentration at DCE Receptor [mg/l] - 1000 years

05% of values less than 0	10% of values less than 0	25% of values less than 3.07756E-008
50% of values less than 1.55867E-007	75% of values less than 5.72166E-007	90% of values less than 1.43136E-006
Minimum 0.es less than 2.05462E-006	Maximum 6.99765E-006	
Mean 4.84051E-007	SD 7.85229E-007	Variance 6.16585E-013

Aquifer Flow [m³/yr]

Boiler House Aromatics

05% of values less than 11929.6	10% of values less than 13622.9	25% of values less than 17704.3
50% of values less than 20239.7	75% of values less than 21733.6	90% of values less than 22079.2
Minimum 9507.04s than 22339.1	Maximum 22516.7	
Mean 19197.1	SD 3261.96	Variance 1.06404E+007

ETP Aromatics

05% of values less than 7137.2	10% of values less than 8150.21	25% of values less than 10592
50% of values less than 12108.9	75% of values less than 13002.7	90% of values less than 13209.4
Minimum 5687.82s than 13364.9	Maximum 13471.2	
Mean 11485.1	SD 1951.54	Variance 3.80853E+006

Tank Farm Aromatics

05% of values less than 15498.9	10% of values less than 17698.7	25% of values less than 23001.2
50% of values less than 26295.2	75% of values less than 28236.2	90% of values less than 28685.1
Minimum 12351.5s than 29022.8	Maximum 29253.5	
Mean 24940.7	SD 4237.9	Variance 1.79598E+007

DCE Tank Farm Lagoon

05% of values less than 6643.93	10% of values less than 7586.93	25% of values less than 9859.98
50% of values less than 11272	75% of values less than 12104	90% of values less than 12296.5
Minimum 5294.73s than 12441.2	Maximum 12540.1	
Mean 10691.4	SD 1816.67	Variance 3.30029E+006

TCE Tank Farm Lagoon

05% of values less than 6708.94	10% of values less than 7661.17	25% of values less than 9956.45
50% of values less than 11382.3	75% of values less than 12222.5	90% of values less than 12416.8
Minimum 5346.53s than 12563	Maximum 12662.8	
Mean 10796	SD 1834.45	Variance 3.36519E+006

Aquifer Flow [m³/yr]

TCE Waste Chip Plant

05% of values less than 6653.32	10% of values less than 7597.65	25% of values less than 9873.91
50% of values less than 11288	75% of values less than 12121.1	90% of values less than 12313.9
Minimum 5302.2ss than 12458.8	Maximum 12557.9	
Mean 10706.5	SD 1819.24	Variance 3.30962E+006



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