

## **APPENDIX B MULTIPLE PATHWAY RESULTS**

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total	
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Acenaphthene	Baseline	ABOR	Infant	1.46E-11	1.22E-15	6.44E-10	2.68E-10	8.46E-10	1.06E-10	3.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-08	3.50E-12	1.60E-12	2.86E-10	5.16E-08	6.30E-09	2.96E-14	1.05E-10	1.05E-10
Acenaphthene	Baseline	ABOR	Toddler	5.83E-11	4.60E-15	5.99E-10	1.70E-09	1.16E-09	1.06E-10	3.58E-10	6.14E-10	3.48E-10	1.76E-09	6.10E-12	2.61E-12	9.12E-08	4.70E-12	2.82E-12	0.00E+00	9.80E-08	5.94E-09	5.89E-14	9.89E-11	9.90E-11	
Acenaphthene	Baseline	ABOR	Adolescent	1.46E-11	8.65E-15	1.07E-09	3.57E-09	2.43E-09	1.06E-10	3.58E-10	1.23E-09	6.10E-10	3.60E-09	6.10E-12	7.82E-12	2.14E-07	8.75E-12	7.88E-12	0.00E+00	2.27E-07	3.80E-09	4.07E-15	6.34E-11	6.34E-11	
Acenaphthene	Baseline	ABOR	Child	1.46E-11	8.04E-15	8.76E-10	3.21E-09	1.69E-09	1.06E-10	3.58E-10	1.04E-09	5.23E-10	2.59E-09	6.10E-12	5.21E-12	1.46E-07	6.45E-12	4.98E-12	0.00E+00	1.56E-07	4.74E-09	7.39E-15	7.91E-11	7.91E-11	
Acenaphthene	Baseline	ABOR	Adult	1.46E-11	9.20E-15	1.22E-09	3.93E-09	2.01E-09	1.06E-10	3.58E-10	1.23E-09	6.97E-10	5.58E-09	1.22E-11	1.04E-11	2.43E-07	9.74E-12	8.99E-12	0.00E+00	2.59E-07	3.66E-09	3.44E-15	6.10E-11	6.10E-11	
Acenaphthene	Baseline	URBN	Infant	1.89E-11	1.58E-15	8.32E-10	1.15E-11	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-08	4.53E-12	2.07E-12	2.75E-10	5.14E-08	6.26E-09	3.83E-14	1.04E-10	1.04E-10	
Acenaphthene	Baseline	URBN	Toddler	7.55E-11	5.95E-15	7.75E-10	4.62E-10	1.51E-09	0.00E+00	0.00E+00	5.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-08	6.08E-12	3.65E-12	0.00E+00	9.46E-08	5.73E-09	7.62E-14	9.55E-11	9.55E-11	
Acenaphthene	Baseline	URBN	Adolescent	1.89E-11	1.12E-14	1.39E-09	6.46E-10	3.15E-09	0.00E+00	0.00E+00	5.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	1.13E-11	1.02E-11	0.00E+00	2.20E-07	3.68E-09	5.27E-15	6.13E-11	6.13E-11	
Acenaphthene	Baseline	URBN	Child	1.89E-11	1.04E-14	1.13E-09	7.96E-10	2.19E-09	0.00E+00	0.00E+00	5.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-07	8.35E-12	6.44E-12	0.00E+00	1.50E-07	4.57E-09	9.56E-15	7.61E-11	7.62E-11	
Acenaphthene	Baseline	URBN	Adult	1.89E-11	1.19E-14	1.58E-09	5.31E-10	2.60E-09	0.00E+00	0.00E+00	5.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-07	1.26E-11	1.16E-11	0.00E+00	2.49E-07	3.52E-09	4.45E-15	5.86E-11	5.86E-11	
Acenaphthene	Application	ABOR	Infant	6.46E-11	5.40E-15	2.85E-09	1.19E-09	3.75E-09	4.69E-10	1.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	1.55E-11	7.08E-12	8.38E-10	1.50E-07	1.83E-08	1.31E-13	3.04E-10	3.04E-10	
Acenaphthene	Application	ABOR	Toddler	2.59E-10	2.04E-14	2.65E-09	7.52E-09	5.16E-09	4.69E-10	1.58E-09	3.44E-09	1.54E-09	8.27E-09	3.08E-11	1.27E-11	2.58E-07	2.08E-11	1.25E-11	0.00E+00	2.89E-07	1.75E-08	2.61E-13	2.92E-10	2.92E-10	
Acenaphthene	Application	ABOR	Adolescent	6.46E-11	3.83E-14	4.75E-09	1.58E-08	1.08E-08	4.69E-10	1.58E-09	6.87E-09	2.70E-09	1.69E-08	3.08E-11	3.80E-11	6.05E-07	3.88E-11	3.49E-11	0.00E+00	6.66E-07	1.11E-08	1.89E-14	1.86E-10	1.86E-10	
Acenaphthene	Application	ABOR	Child	6.46E-11	3.56E-14	3.88E-09	1.42E-08	7.50E-09	4.69E-10	1.58E-09	5.81E-09	2.32E-09	1.22E-08	3.08E-11	2.54E-11	4.12E-07	2.86E-11	2.21E-11	0.00E+00	4.60E-07	1.40E-08	3.28E-14	2.33E-10	2.33E-10	
Acenaphthene	Application	ABOR	Adult	6.46E-11	4.08E-14	5.43E-09	1.74E-08	8.91E-09	4.69E-10	1.58E-09	6.87E-09	3.09E-09	2.62E-08	6.15E-11	5.07E-11	6.89E-07	4.32E-11	3.99E-11	0.00E+00	7.59E-07	1.07E-08	1.52E-14	1.79E-10	1.79E-10	
Acenaphthene	Application	URBN	Infant	1.08E-10	9.06E-15	4.78E-09	6.63E-11	6.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	2.60E-11	1.19E-11	7.94E-10	1.51E-07	1.84E-08	2.20E-13	3.07E-10	3.07E-10	
Acenaphthene	Application	URBN	Toddler	4.33E-10	3.42E-14	4.45E-09	2.65E-09	8.65E-09	0.00E+00	0.00E+00	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-07	3.49E-11	2.10E-11	0.00E+00	2.77E-07	1.68E-08	4.38E-13	2.80E-10	2.80E-10	
Acenaphthene	Application	URBN	Adolescent	1.08E-10	6.42E-14	7.97E-09	3.71E-09	1.81E-08	0.00E+00	0.00E+00	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-07	6.50E-11	5.85E-11	0.00E+00	6.38E-07	1.07E-08	3.03E-14	1.78E-10	1.78E-10	
Acenaphthene	Application	URBN	Child	1.08E-10	5.97E-14	6.51E-09	4.57E-09	1.26E-08	0.00E+00	0.00E+00	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-07	4.79E-11	3.70E-11	0.00E+00	4.39E-07	1.33E-08	5.49E-14	2.22E-10	2.22E-10	
Acenaphthene	Application	URBN	Adult	1.08E-10	6.84E-14	9.10E-09	3.05E-09	1.49E-08	0.00E+00	0.00E+00	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-07	7.23E-11	6.68E-11	0.00E+00	7.19E-07	1.02E-08	2.55E-14	1.69E-10	1.70E-10	
Acenaphthene	Cumulative	ABOR	Infant	6.06E-11	5.07E-15	2.68E-09	1.11E-09	3.52E-09	4.40E-10	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	1.46E-11	6.64E-12	6.75E-10	1.20E-07	1.46E-08	1.23E-13	2.44E-10	2.44E-10	
Acenaphthene	Cumulative	ABOR	Toddler	2.43E-10	1.91E-14	2.49E-09	7.05E-09	4.84E-09	4.40E-10	1.49E-09	3.26E-09	1.45E-09	7.91E-09	2.99E-11	1.22E-11	2.04E-07	1.96E-11	1.17E-11	0.00E+00	2.34E-07	1.42E-08	2.45E-13	2.36E-10	2.36E-10	
Acenaphthene	Cumulative	ABOR	Adolescent	6.06E-11	3.59E-14	4.46E-09	1.48E-08	1.01E-08	4.40E-10	1.49E-09	6.52E-09	2.53E-09	1.61E-08	2.99E-11	3.67E-11	4.79E-07	3.64E-11	3.27E-11	0.00E+00	5.36E-07	8.97E-09	1.69E-14	1.50E-10	1.50E-10	
Acenaphthene	Cumulative	ABOR	Child	6.06E-11	3.34E-14	3.64E-09	1.34E-08	7.04E-09	4.40E-10	1.49E-09	5.52E-09	2.17E-09	1.16E-08	2.99E-11	2.45E-11	3.26E-07	2.68E-11	2.07E-11	0.00E+00	3.72E-07	1.13E-08	3.07E-14	1.88E-10	1.88E-10	
Acenaphthene	Cumulative	ABOR	Adult	6.06E-11	3.82E-14	5.09E-09	1.63E-08	8.36E-09	4.40E-10	1.49E-09	6.52E-09	2.90E-09	2.50E-08	5.99E-11	4.89E-11	5.45E-07	4.05E-11	3.74E-11	0.00E+00	6.11E-07	8.65E-09	1.43E-14	1.44E-10	1.44E-10	
Acenaphthene	Cumulative	URBN	Infant	1.03E-10	8.59E-15	4.53E-09	6.28E-11	5.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	2.47E-11	1.12E-11	6.34E-10	1.21E-07	1.48E-08	2.09E-13	2.46E-10	2.47E-10	
Acenaphthene	Cumulative	URBN	Toddler	4.11E-10	3.24E-14	4.22E-09	2.51E-09	8.20E-09	0.00E+00	0.00E+00	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-07	3.31E-11	1.99E-11	0.00E+00	2.22E-07	1.35E-08	4.15E-13	2.24E-10	2.25E-10	
Acenaphthene	Cumulative	URBN	Adolescent	1.03E-10	6.09E-14	7.55E-09	3.52E-09	1.71E-08	0.00E+00	0.00E+00	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-07	6.16E-11	5.55E-11	0.00E+00	5.10E-07	8.55E-09	2.87E-14	1.42E-10	1.42E-10	
Acenaphthene	Cumulative	URBN	Child	1.03E-10	5.66E-14	6.17E-09	4.34E-09	1.19E-08	0.00E+00	0.00E+00	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-07	4.55E-11	3.51E-11	0.00E+00	3.52E-07	1.07E-08	5.20E-14	1.78E-10	1.78E-10	
Acenaphthene	Cumulative	URBN	Adult	1.03E-10	6.48E-14	8.62E-09	2.89E-09	1.42E-08	0.00E+00	0.00E+00	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-07	6.86E-11	6.33E-11	0.00E+00	5.74E-07	8.11E-09	2.42E-14	1.35E-10	1.35E-10	
Acenaphthene	Project	ABOR	Infant	5.25E-11	4.39E-15	2.32E-09	9.63E-10	3.04E-09	3.81E-10	1.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-08	1.26E-11	5.75E-12	5.59E-10	9.89E-08	1.21E-08	1.07E-13	2.01E-10	2.01E-10	
Acenaphthene	Project	ABOR	Toddler	2.10E-10	1.65E-14	2.15E-09	6.10E-09	4.19E-09	3.81E-10	1.29E-09	2.82E-09	1.25E-09	7.28E-09	2.78E-11	1.13E-11	1.68E-07	1.69E-11	1.02E-11	0.00E+00	1.93E-07	1.17E-08	2.12E-13	1.95E-10	1.95E-10	
Acenaphthene	Project	ABOR	Adolescent	5.25E-11	3.11E-14	3.86E-09	1.28E-08	8.75E-09	3.81E-10	1.29E-09	5.64E-09	2.19E-09	1.49E-08	2.78E-11	3.40E-11	3.93E-07	3.15E-11	2.83E-11	0.00E+00	4.43E-07	7.42E-09	1.46E-14	1.24E-10	1.24E-10	
Acenaphthene	Project	ABOR	Child	5.25E-11	2.89E-14	3.15E-09	1.16E-08	6.09E-09	3.81E-10	1.29E-09	4.77E-09	1.88E-09	1.07E-08	2.78E-11	2.26E-11	2.68E-07	2.32E-11	1.79E-11	0.00E+00	3.08E-07	9.35E-09	2.66E-14	1.56E-10	1.56E-10	
Acenaphthene	Project	ABOR	Adult	5.25E-11	3.31E-14	4.41E-09	1.41E-08	7.23E-09	3.81E-10	1.29E-09	5.64E-09	2.51E-09	2.30E-08	5.56E-11	4.53E-11	4.47E-07	3.50E-11	3.23E-11	0.00E+00	5.06E-07	7.16E-09	1.24E-14	1.19E-10	1.19E-10	
Acenaphthene	Project	URBN	Infant	8.92E-11	7.46E-15	3.94E-09	5.46E-11	5.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-08	2.14E-11	9.77E-12	5.21E-10	1.00E-07	1.22E-08	1.81E-13	2.03E-10	2.03E-10	
Acenaphthene	Project	URBN	Toddler	3.57E-10	2.81E-14	3.66E-09	2.18E-09	7.12E-09	0.00E+00	0.00E+00	2.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-07	2.88E-11	1.73E-11	0.00E+00	1.83E-07	1.11E-08	3.60E-13	1.85E-10	1.85E-10	
Acenaphthene	Project	URBN	Adolescent	8.92E-11	5.29E-14	6.56E-09	3.06E-09	1.49E-08	0.00E+00	0.00E+00	2.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00										

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil Unitless	RQ Oral Unitless	RQ Total Unitless	
				Soil SIR ug/day	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR ug/day	Plant ug/day	Berries ug/day	Root ug/day	WildRoot ug/day	WildPlant ug/day	Shellfish ug/day	Seaweed ug/day	Deer ug/day	Ruffed_grouse ug/day	Snowshoe_hare ug/day	Surface Water ug/day	Hands ug/day	Other ug/day	Breast Milk ug/day	EDI ug/day	EDI ug/kg/day				
Acenaphthene	Future	URBN	Toddler	3.35E-10	2.64E-14	3.44E-09	2.05E-09	6.69E-09	0.00E+00	0.00E+00	2.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	2.70E-11	1.62E-11	0.00E+00	1.28E-07	7.75E-09	3.39E-13	1.29E-10	1.29E-10
Acenaphthene	Future	URBN	Adolescent	8.39E-11	4.97E-14	6.17E-09	2.87E-09	1.40E-08	0.00E+00	0.00E+00	2.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-07	5.03E-11	4.53E-11	0.00E+00	2.91E-07	4.87E-09	2.34E-14	8.11E-11	8.11E-11
Acenaphthene	Future	URBN	Child	8.39E-11	4.62E-14	5.04E-09	3.54E-09	9.73E-09	0.00E+00	0.00E+00	2.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-07	3.71E-11	2.86E-11	0.00E+00	2.01E-07	6.12E-09	4.25E-14	1.02E-10	1.02E-10
Acenaphthene	Future	URBN	Adult	8.39E-11	5.29E-14	7.04E-09	2.36E-09	1.16E-08	0.00E+00	0.00E+00	2.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-07	5.60E-11	5.17E-11	0.00E+00	3.25E-07	4.60E-09	1.98E-14	7.66E-11	7.66E-11
Acrolein	Baseline	ABOR	Infant	2.61E-13	2.18E-17	1.98E-11	7.91E-12	2.05E-09	2.56E-10	1.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-08	4.17E-13	1.90E-13	4.27E-14	2.54E-08	3.09E-09	6.36E-14	6.19E-09	6.19E-09
Acrolein	Baseline	ABOR	Toddler	1.04E-12	8.22E-17	1.84E-11	5.01E-11	2.81E-09	2.56E-10	1.10E-11	1.53E-11	4.40E-12	4.40E-10	8.78E-13	5.96E-13	4.59E-07	5.61E-13	3.36E-13	0.00E+00	4.63E-07	2.80E-08	1.26E-13	5.61E-08	5.61E-08	
Acrolein	Baseline	ABOR	Adolescent	2.61E-13	1.55E-16	3.30E-11	1.05E-10	5.88E-09	2.56E-10	1.10E-11	3.07E-11	7.69E-12	8.97E-10	8.78E-13	1.79E-12	3.08E-07	1.04E-12	9.39E-13	0.00E+00	3.16E-07	5.29E-09	8.74E-15	1.06E-08	1.06E-08	
Acrolein	Baseline	ABOR	Child	2.61E-13	1.44E-16	2.69E-11	9.49E-11	4.09E-09	2.56E-10	1.10E-11	2.59E-11	6.59E-12	6.46E-10	8.78E-13	1.19E-12	4.85E-07	7.69E-13	5.93E-13	0.00E+00	4.90E-07	1.49E-08	1.59E-14	2.98E-08	2.98E-08	
Acrolein	Baseline	ABOR	Adult	2.61E-13	1.64E-16	3.76E-11	1.16E-10	4.86E-09	2.56E-10	1.10E-11	3.07E-11	8.79E-12	1.39E-09	1.76E-12	2.38E-12	3.22E-07	1.16E-12	1.07E-12	0.00E+00	3.29E-07	4.65E-09	7.38E-15	9.31E-09	9.31E-09	
Acrolein	Baseline	URBN	Infant	3.43E-13	2.87E-17	2.60E-11	3.47E-13	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-08	5.49E-13	2.50E-13	4.27E-14	2.58E-08	3.14E-09	8.36E-14	6.28E-09	6.28E-09	
Acrolein	Baseline	URBN	Toddler	1.37E-12	1.08E-16	2.42E-11	1.39E-11	3.70E-09	0.00E+00	0.00E+00	1.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-07	7.37E-13	4.42E-13	0.00E+00	4.63E-07	2.80E-08	1.66E-13	5.61E-08	5.61E-08	
Acrolein	Baseline	URBN	Adolescent	3.43E-13	2.03E-16	4.33E-11	1.94E-11	7.73E-09	0.00E+00	0.00E+00	1.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-07	1.37E-12	1.23E-12	0.00E+00	3.16E-07	5.30E-09	1.15E-14	1.06E-08	1.06E-08	
Acrolein	Baseline	URBN	Child	3.43E-13	1.89E-16	3.54E-11	2.39E-11	5.38E-09	0.00E+00	0.00E+00	1.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-07	1.01E-12	7.80E-13	0.00E+00	4.90E-07	1.49E-08	2.08E-14	2.98E-08	2.98E-08	
Acrolein	Baseline	URBN	Adult	3.43E-13	2.16E-16	4.95E-11	1.59E-11	6.39E-09	0.00E+00	0.00E+00	1.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-07	1.53E-12	1.41E-12	0.00E+00	3.29E-07	4.65E-09	9.70E-15	9.30E-09	9.30E-09	
Acrolein	Application	ABOR	Infant	1.73E-12	1.45E-16	1.31E-10	5.24E-11	1.36E-08	1.69E-09	7.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	2.77E-12	1.26E-12	2.06E-13	1.26E-07	1.53E-08	4.22E-13	3.07E-08	3.07E-08	
Acrolein	Application	ABOR	Toddler	6.91E-12	5.45E-16	1.22E-10	3.32E-10	1.86E-08	1.69E-09	7.28E-11	1.12E-10	2.91E-11	2.40E-09	4.83E-12	3.27E-12	2.20E-06	3.72E-12	2.23E-12	0.00E+00	2.22E-06	1.35E-07	8.38E-13	2.69E-07	2.69E-07	
Acrolein	Application	ABOR	Adolescent	1.73E-12	1.02E-15	2.18E-10	6.99E-10	3.90E-08	1.69E-09	7.28E-11	2.23E-10	5.10E-11	4.91E-09	4.83E-12	9.81E-12	1.48E-06	6.91E-12	6.22E-12	0.00E+00	1.52E-06	2.55E-08	5.79E-14	5.10E-08	5.10E-08	
Acrolein	Application	ABOR	Child	1.73E-12	9.52E-16	1.78E-10	6.29E-10	2.71E-08	1.69E-09	7.28E-11	1.89E-10	4.37E-11	3.53E-09	4.83E-12	6.54E-12	2.32E-06	5.10E-12	3.93E-12	0.00E+00	2.35E-06	7.15E-08	1.05E-13	1.43E-07	1.43E-07	
Acrolein	Application	ABOR	Adult	1.73E-12	1.09E-15	2.49E-10	7.69E-10	3.22E-08	1.69E-09	7.28E-11	2.23E-10	5.83E-11	7.60E-09	9.65E-12	1.31E-11	1.54E-06	7.69E-12	7.10E-12	0.00E+00	1.59E-06	2.24E-08	4.89E-14	4.49E-08	4.49E-08	
Acrolein	Application	URBN	Infant	2.55E-12	2.13E-16	1.93E-10	2.58E-12	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	4.08E-12	1.86E-12	2.06E-13	1.30E-07	1.59E-08	6.21E-13	3.18E-08	3.18E-08	
Acrolein	Application	URBN	Toddler	1.02E-11	8.04E-16	1.80E-10	1.03E-10	2.75E-08	0.00E+00	0.00E+00	9.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-06	5.48E-12	3.29E-12	0.00E+00	2.23E-06	1.35E-07	1.24E-12	2.70E-07	2.70E-07	
Acrolein	Application	URBN	Adolescent	2.55E-12	1.51E-15	3.22E-10	1.44E-10	5.75E-08	0.00E+00	0.00E+00	9.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06	1.02E-11	9.17E-12	0.00E+00	1.53E-06	2.57E-08	8.54E-14	5.14E-08	5.14E-08	
Acrolein	Application	URBN	Child	2.55E-12	1.40E-15	2.63E-10	1.78E-10	4.00E-08	0.00E+00	0.00E+00	9.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-06	7.52E-12	5.80E-12	0.00E+00	2.36E-06	7.17E-08	1.55E-13	1.43E-07	1.43E-07	
Acrolein	Application	URBN	Adult	2.55E-12	1.61E-15	3.68E-10	1.19E-10	4.75E-08	0.00E+00	0.00E+00	9.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-06	1.13E-11	1.05E-11	0.00E+00	1.59E-06	2.25E-08	7.21E-14	4.50E-08	4.50E-08	
Acrolein	Cumulative	ABOR	Infant	1.74E-12	1.46E-16	1.32E-10	5.28E-11	1.37E-08	1.71E-09	7.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	2.79E-12	1.27E-12	2.10E-13	1.28E-07	1.56E-08	4.25E-13	3.13E-08	3.13E-08	
Acrolein	Cumulative	ABOR	Toddler	6.97E-12	5.50E-16	1.23E-10	3.35E-10	1.88E-08	1.71E-09	7.34E-11	1.12E-10	2.94E-11	2.41E-09	4.84E-12	3.28E-12	2.24E-06	3.75E-12	2.25E-12	0.00E+00	2.27E-06	1.37E-07	8.45E-13	2.75E-07	2.75E-07	
Acrolein	Cumulative	ABOR	Adolescent	1.74E-12	1.03E-15	2.20E-10	7.05E-10	3.93E-08	1.71E-09	7.34E-11	2.24E-10	5.14E-11	4.92E-09	4.84E-12	9.84E-12	1.51E-06	6.97E-12	6.27E-12	0.00E+00	1.56E-06	2.61E-08	5.84E-14	5.21E-08	5.21E-08	
Acrolein	Cumulative	ABOR	Child	1.74E-12	9.60E-16	1.80E-10	6.34E-10	2.73E-08	1.71E-09	7.34E-11	1.90E-10	4.41E-11	3.55E-09	4.84E-12	6.56E-12	2.37E-06	5.14E-12	3.96E-12	0.00E+00	2.40E-06	7.31E-08	1.06E-13	1.46E-07	1.46E-07	
Acrolein	Cumulative	ABOR	Adult	1.74E-12	1.10E-15	2.51E-10	7.75E-10	3.25E-08	1.71E-09	7.34E-11	2.24E-10	5.87E-11	7.63E-09	9.68E-12	1.31E-11	1.58E-06	7.75E-12	7.16E-12	0.00E+00	1.62E-06	2.29E-08	4.93E-14	4.58E-08	4.58E-08	
Acrolein	Cumulative	URBN	Infant	2.56E-12	2.14E-16	1.94E-10	2.59E-12	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	4.10E-12	1.87E-12	2.11E-13	1.33E-07	1.62E-08	6.25E-13	3.24E-08	3.24E-08	
Acrolein	Cumulative	URBN	Toddler	1.03E-11	8.08E-16	1.81E-10	1.04E-10	2.76E-08	0.00E+00	0.00E+00	9.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-06	5.51E-12	3.31E-12	0.00E+00	2.27E-06	1.38E-07	1.24E-12	2.76E-07	2.76E-07	
Acrolein	Cumulative	URBN	Adolescent	2.56E-12	1.52E-15	3.24E-10	1.45E-10	5.78E-08	0.00E+00	0.00E+00	9.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-06	1.03E-11	9.23E-12	0.00E+00	1.57E-06	2.62E-08	8.59E-14	5.25E-08	5.25E-08	
Acrolein	Cumulative	URBN	Child	2.56E-12	1.41E-15	2.65E-10	1.79E-10	4.02E-08	0.00E+00	0.00E+00	9.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-06	7.56E-12	5.83E-12	0.00E+00	2.41E-06	7.33E-08	1.56E-13	1.47E-07	1.47E-07	
Acrolein	Cumulative	URBN	Adult	2.56E-12	1.62E-15	3.70E-10	1.19E-10	4.77E-08	0.00E+00	0.00E+00	9.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-06	1.14E-11	1.05E-11	0.00E+00	1.62E-06	2.30E-08	7.25E-14	4.60E-08	4.60E-08	
Acrolein	Project	ABOR	Infant	1.47E-12	1.23E-16	1.12E-10	4.47E-11	1.15E-08	1.44E-09	6.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-08	2.36E-12	1.07E-12	1.63E-13	1.00E-07	1.23E-08	3.59E-13	2.45E-08	2.45E-08	
Acrolein	Project	ABOR	Toddler	5.89E-12	4.64E-16	1.04E-10	2.83E-10	1.59E-08	1.44E-09	6.20E-11	9.66E-11	2.48E-11	2.21E-09	4.46E-12	3.02E-12	1.76E-06	1.74E-06	1.90E-12	0.00E+00	1.76E-06	1.07E-07	7.14E-13	2.13E-07	2.13E-07	
Acrolein	Project	ABOR	Adolescent	1.47E-12	8.73E-16	1.86E-10	5.95E-10	3.32E-08	1.44E-09	6.20E-11	1.93E-10	4.34E-11	4.51E-09	4.46E-12	9.05E-12	1.17E-06	5.89E-12	5.30E-12	0.00E+00	1.21E-06	2.02E-08	4.93E-14	4.05E-08	4.05E-08	
Acrolein	Project	ABOR	Child	1.47E-12	8.11E-16	1.52E-10	5.36E-10	2.31E-08	1.44E-09	6.20E-11	1.63E-10	3.72E-11	3.25E-09	4.46E-12	6.04E-12	1.84E-06	4.34E-12	3.35E-12	0.00E+00	1.86E-06	5.67E-08	8.95E-14	1.13E-07		

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		Total EDI	Total EDI	RQ Soil	RQ Oral	RQ Total			
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total						RQ	RQ	RQ
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI						Soil	Oral	Total
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless								
Acrolein	Future	ABOR	Adolescent	1.48E-12	8.78E-16	1.87E-10	5.99E-10	3.34E-08	1.45E-09	6.24E-11	1.94E-10	4.37E-11	4.03E-09	3.96E-12	8.06E-12	1.20E-06	5.93E-12	5.33E-12	0.00E+00	1.24E-06	2.08E-08	4.96E-14	4.15E-08	4.15E-08					
Acrolein	Future	ABOR	Child	1.48E-12	8.16E-16	1.53E-10	5.39E-10	2.32E-08	1.45E-09	6.24E-11	1.64E-10	3.75E-11	2.90E-09	3.96E-12	5.37E-12	1.89E-06	4.37E-12	3.37E-12	0.00E+00	1.91E-06	5.82E-08	9.01E-14	1.16E-07	1.16E-07					
Acrolein	Future	ABOR	Adult	1.48E-12	9.35E-16	2.14E-10	6.59E-10	2.76E-08	1.45E-09	6.24E-11	1.94E-10	4.99E-11	6.24E-09	7.93E-12	1.07E-11	1.25E-06	6.59E-12	6.09E-12	0.00E+00	1.29E-06	1.82E-08	4.19E-14	3.65E-08	3.65E-08					
Acrolein	Future	URBN	Infant	2.22E-12	1.86E-16	1.68E-10	2.24E-12	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-08	3.55E-12	1.62E-12	1.68E-13	1.07E-07	1.31E-08	5.41E-13	2.61E-08	2.61E-08					
Acrolein	Future	URBN	Toddler	8.88E-12	7.00E-16	1.57E-10	8.98E-11	2.39E-08	0.00E+00	0.00E+00	8.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-06	4.77E-12	2.86E-12	0.00E+00	1.81E-06	1.10E-07	1.08E-12	2.19E-07	2.19E-07					
Acrolein	Future	URBN	Adolescent	2.22E-12	1.32E-15	2.81E-10	1.26E-10	5.01E-08	0.00E+00	0.00E+00	8.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-06	8.88E-12	7.99E-12	0.00E+00	1.25E-06	2.09E-08	7.44E-14	4.19E-08	4.19E-08					
Acrolein	Future	URBN	Child	2.22E-12	1.22E-15	2.29E-10	1.55E-10	3.48E-08	0.00E+00	0.00E+00	8.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	6.55E-12	5.05E-12	0.00E+00	1.92E-06	5.84E-08	1.35E-13	1.17E-07	1.17E-07					
Acrolein	Future	URBN	Adult	2.22E-12	1.40E-15	3.20E-10	1.03E-10	4.13E-08	0.00E+00	0.00E+00	8.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06	9.88E-12	9.12E-12	0.00E+00	1.30E-06	1.83E-08	6.28E-14	3.67E-08	3.67E-08					
Aliphatic C9-C16	Baseline	ABOR	Infant	4.51E-07	3.77E-11	2.09E-06	8.68E-07	1.96E-06	2.45E-07	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00	1.44E-07	6.59E-08	4.44E-01	1.68E+00	2.05E-01	5.51E-10	2.05E-03	2.05E-03					
Aliphatic C9-C16	Baseline	ABOR	Toddler	1.81E-06	1.42E-10	1.94E-06	5.50E-06	2.69E-06	2.45E-07	1.16E-06	1.84E-05	1.13E-06	1.52E-04	5.42E-07	2.15E-07	2.11E+00	1.94E-07	1.16E-07	0.00E+00	2.11E+00	1.28E-01	1.09E-09	1.28E-03	1.28E-03					
Aliphatic C9-C16	Baseline	ABOR	Adolescent	4.51E-07	2.68E-10	3.48E-06	1.16E-05	5.63E-06	2.45E-07	1.16E-06	3.67E-05	1.98E-06	3.10E-04	5.42E-07	6.45E-07	5.29E+00	3.61E-07	3.25E-07	0.00E+00	5.29E+00	8.86E-02	7.56E-11	8.86E-04	8.86E-04					
Aliphatic C9-C16	Baseline	ABOR	Child	4.51E-07	2.49E-10	2.84E-06	1.04E-05	3.92E-06	2.45E-07	1.16E-06	3.11E-05	1.70E-06	2.23E-04	5.42E-07	4.30E-07	3.48E+00	2.66E-07	2.05E-07	0.00E+00	3.48E+00	1.06E-01	1.37E-10	1.06E-03	1.06E-03					
Aliphatic C9-C16	Baseline	ABOR	Adult	4.51E-07	2.85E-10	3.97E-06	1.27E-05	4.65E-06	2.45E-07	1.16E-06	3.67E-05	2.27E-06	4.81E-04	8.60E-06	8.60E-07	6.03E+00	4.02E-07	3.71E-07	0.00E+00	6.03E+00	8.53E-02	6.39E-11	8.53E-04	8.53E-04					
Aliphatic C9-C16	Baseline	URBN	Infant	7.58E-07	6.34E-11	3.50E-06	4.86E-08	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00	2.43E-07	1.11E-07	4.44E-01	1.68E+00	2.05E-01	9.25E-10	2.05E-03	2.05E-03					
Aliphatic C9-C16	Baseline	URBN	Toddler	3.03E-06	2.39E-10	3.26E-06	1.94E-06	4.53E-06	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E+00	3.26E-07	1.96E-07	0.00E+00	2.11E+00	1.28E-01	1.84E-09	1.28E-03	1.28E-03					
Aliphatic C9-C16	Baseline	URBN	Adolescent	7.58E-07	4.49E-10	5.84E-06	2.72E-06	9.46E-06	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E+00	6.07E-07	5.46E-07	0.00E+00	5.29E+00	8.86E-02	1.27E-10	8.86E-04	8.86E-04					
Aliphatic C9-C16	Baseline	URBN	Child	7.58E-07	4.18E-10	4.77E-06	3.35E-06	6.58E-06	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E+00	4.47E-07	3.45E-07	0.00E+00	3.48E+00	1.06E-01	2.30E-10	1.06E-03	1.06E-03					
Aliphatic C9-C16	Baseline	URBN	Adult	7.58E-07	4.78E-10	6.67E-06	2.24E-06	7.82E-06	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E+00	6.75E-07	6.23E-07	0.00E+00	6.03E+00	8.53E-02	1.07E-10	8.53E-04	8.53E-04					
Aliphatic C9-C16	Application	ABOR	Infant	4.77E-07	3.99E-11	2.21E-06	9.18E-07	2.07E-06	2.59E-07	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00	1.53E-07	6.97E-08	4.44E-01	1.68E+00	2.05E-01	5.82E-10	2.05E-03	2.05E-03					
Aliphatic C9-C16	Application	ABOR	Toddler	1.91E-06	1.51E-10	2.05E-06	5.81E-06	2.85E-06	2.59E-07	1.23E-06	2.01E-05	1.20E-06	1.55E-04	5.52E-07	2.19E-07	2.11E+00	2.05E-07	1.23E-07	0.00E+00	2.11E+00	1.28E-01	1.16E-09	1.28E-03	1.28E-03					
Aliphatic C9-C16	Application	ABOR	Adolescent	4.77E-07	2.83E-10	3.68E-06	1.22E-05	5.96E-06	2.59E-07	1.23E-06	4.03E-05	2.10E-06	3.15E-04	5.52E-07	6.56E-07	5.29E+00	3.82E-07	3.44E-07	0.00E+00	5.29E+00	8.87E-02	8.00E-11	8.87E-04	8.87E-04					
Aliphatic C9-C16	Application	ABOR	Child	4.77E-07	2.63E-10	3.00E-06	1.10E-05	4.15E-06	2.59E-07	1.23E-06	3.41E-05	1.80E-06	2.27E-04	5.52E-07	4.37E-07	3.48E+00	2.82E-07	2.17E-07	0.00E+00	3.48E+00	1.06E-01	1.45E-10	1.06E-03	1.06E-03					
Aliphatic C9-C16	Application	ABOR	Adult	4.77E-07	3.01E-10	4.20E-06	1.35E-05	4.92E-06	2.59E-07	1.23E-06	4.03E-05	2.40E-06	4.89E-04	1.10E-06	8.75E-07	6.04E+00	4.25E-07	3.92E-07	0.00E+00	6.04E+00	8.54E-02	6.75E-11	8.54E-04	8.54E-04					
Aliphatic C9-C16	Application	URBN	Infant	7.92E-07	6.62E-11	3.66E-06	5.08E-08	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00	2.54E-07	1.16E-07	4.44E-01	1.68E+00	2.05E-01	9.66E-10	2.05E-03	2.05E-03					
Aliphatic C9-C16	Application	URBN	Toddler	3.17E-06	2.50E-10	3.41E-06	2.03E-06	4.73E-06	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E+00	3.41E-07	2.04E-07	0.00E+00	2.11E+00	1.28E-01	1.92E-09	1.28E-03	1.28E-03					
Aliphatic C9-C16	Application	URBN	Adolescent	7.92E-07	4.70E-10	6.10E-06	2.84E-06	9.89E-06	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E+00	6.34E-07	5.71E-07	0.00E+00	5.29E+00	8.87E-02	1.33E-10	8.87E-04	8.87E-04					
Aliphatic C9-C16	Application	URBN	Child	7.92E-07	4.37E-10	4.99E-06	3.51E-06	6.88E-06	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E+00	4.68E-07	3.61E-07	0.00E+00	3.48E+00	1.06E-01	2.41E-10	1.06E-03	1.06E-03					
Aliphatic C9-C16	Application	URBN	Adult	7.92E-07	5.00E-10	6.97E-06	2.34E-06	8.17E-06	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E+00	7.05E-07	6.51E-07	0.00E+00	6.04E+00	8.54E-02	1.12E-10	1.06E-03	8.54E-04					
Aliphatic C9-C16	Cumulative	ABOR	Infant	4.79E-07	4.00E-11	2.21E-06	9.20E-07	2.08E-06	2.60E-07	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00	1.53E-07	6.99E-08	4.44E-01	1.68E+00	2.05E-01	5.84E-10	2.05E-03	2.05E-03					
Aliphatic C9-C16	Cumulative	ABOR	Toddler	1.91E-06	1.51E-10	2.06E-06	5.83E-06	2.86E-06	2.60E-07	1.23E-06	2.01E-05	1.20E-06	1.55E-04	5.52E-07	2.19E-07	2.11E+00	2.06E-07	1.23E-07	0.00E+00	2.11E+00	1.28E-01	1.16E-09	1.28E-03	1.28E-03					
Aliphatic C9-C16	Cumulative	ABOR	Adolescent	4.79E-07	2.84E-10	3.69E-06	1.23E-05	5.97E-06	2.60E-07	1.23E-06	4.02E-05	2.10E-06	3.15E-04	5.52E-07	6.56E-07	5.29E+00	3.83E-07	3.45E-07	0.00E+00	5.29E+00	8.86E-02	8.02E-11	8.86E-04	8.86E-04					
Aliphatic C9-C16	Cumulative	ABOR	Child	4.79E-07	2.64E-10	3.01E-06	1.10E-05	4.16E-06	2.60E-07	1.23E-06	3.40E-05	1.80E-06	2.27E-04	5.52E-07	4.37E-07	3.48E+00	2.82E-07	2.18E-07	0.00E+00	3.48E+00	1.06E-01	1.45E-10	1.06E-03	1.06E-03					
Aliphatic C9-C16	Cumulative	ABOR	Adult	4.79E-07	3.02E-10	4.21E-06	1.35E-05	4.93E-06	2.60E-07	1.23E-06	4.02E-05	2.40E-06	4.89E-04	1.10E-06	8.75E-07	6.03E+00	4.26E-07	3.93E-07	0.00E+00	6.03E+00	8.53E-02	6.77E-11	8.53E-04	8.53E-04					
Aliphatic C9-C16	Cumulative	URBN	Infant	7.93E-07	6.63E-11	3.66E-06	5.08E-08	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00	2.54E-07	1.16E-07	4.44E-01	1.68E+00	2.05E-01	9.67E-10	2.05E-03	2.05E-03					
Aliphatic C9-C16	Cumulative	URBN	Toddler																										

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		Total ug/day	Total ug/kg/day	RQ Soil Unitless	RQ Oral Unitless	RQ Total Unitless
				Soil SIR ug/day	Dust AIR ug/day	Plant Plant ug/day	Berries Berries ug/day	Root Root ug/day	WildRoot WildRoot ug/day	WildPlant WildPlant ug/day	Shellfish Shellfish ug/day	Seaweed Seaweed ug/day	Deer Deer ug/day	Ruffed_grouse Ruffed_grouse ug/day	Snowshoe_hare Snowshoe_hare ug/day	Swim: Derm+Ing Surface Water ug/day	Dermal Hands ug/day	Dermal Other ug/day	Breast Milk Breast Milk ug/day							
Aliphatic C9-C16	Project	URBN	Child	4.37E-08	2.41E-11	2.75E-07	1.93E-07	3.79E-07	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-08	1.99E-08	0.00E+00	2.52E-06	7.65E-08	1.33E-11	7.51E-10	7.65E-10
Aliphatic C9-C16	Project	URBN	Adult	4.37E-08	2.76E-11	3.84E-07	1.29E-07	4.51E-07	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-08	3.59E-08	0.00E+00	2.66E-06	3.76E-08	6.18E-12	3.70E-10	3.76E-10
Aliphatic C9-C16	Future	ABOR	Infant	2.71E-08	2.27E-12	1.25E-07	5.22E-08	1.18E-07	1.47E-08	6.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-09	3.96E-09	9.51E-07	1.37E-06	1.67E-07	3.31E-11	1.64E-09	1.67E-09
Aliphatic C9-C16	Future	ABOR	Toddler	1.09E-07	8.56E-12	1.17E-07	3.31E-07	1.62E-07	1.47E-08	6.97E-08	1.73E-06	6.82E-08	2.48E-06	9.29E-09	3.59E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-08	7.00E-09	0.00E+00	5.12E-06	3.10E-07	6.58E-11	3.04E-09	3.10E-09
Aliphatic C9-C16	Future	ABOR	Adolescent	2.71E-08	1.61E-11	2.09E-07	6.96E-07	3.39E-07	1.47E-08	6.97E-08	3.47E-06	1.19E-07	5.06E-06	9.29E-09	1.08E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	1.95E-08	0.00E+00	1.01E-05	1.69E-07	4.55E-12	1.68E-09	1.69E-09
Aliphatic C9-C16	Future	ABOR	Child	2.71E-08	1.50E-11	1.71E-07	6.26E-07	2.36E-07	1.47E-08	6.97E-08	2.94E-06	1.02E-07	3.64E-06	9.29E-09	7.18E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-08	1.24E-08	0.00E+00	7.87E-06	2.39E-07	8.25E-12	2.38E-09	2.39E-09
Aliphatic C9-C16	Future	ABOR	Adult	2.71E-08	1.71E-11	2.39E-07	7.66E-07	2.80E-07	1.47E-08	6.97E-08	3.47E-06	1.36E-07	7.85E-06	1.86E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08	2.23E-08	0.00E+00	1.29E-05	1.83E-07	3.84E-12	1.82E-09	1.83E-09
Aliphatic C9-C16	Future	URBN	Infant	4.04E-08	3.38E-12	1.87E-07	2.59E-09	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-08	5.90E-09	1.82E-07	6.05E-07	7.38E-08	4.93E-11	6.89E-10	7.38E-10	
Aliphatic C9-C16	Future	URBN	Toddler	1.62E-07	1.27E-11	1.74E-07	1.04E-07	2.41E-07	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-08	1.04E-08	0.00E+00	2.18E-06	1.32E-07	9.79E-11	1.22E-09	1.32E-09	
Aliphatic C9-C16	Future	URBN	Adolescent	4.04E-08	2.39E-11	3.11E-07	1.45E-07	5.04E-07	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-08	2.91E-08	0.00E+00	2.53E-06	4.24E-08	6.77E-12	4.17E-10	4.24E-10	
Aliphatic C9-C16	Future	URBN	Child	4.04E-08	2.23E-11	2.54E-07	1.79E-07	3.51E-07	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-08	1.84E-08	0.00E+00	2.33E-06	7.09E-08	1.23E-11	6.97E-10	7.09E-10	
Aliphatic C9-C16	Future	URBN	Adult	4.04E-08	2.55E-11	3.55E-07	1.19E-07	4.16E-07	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-08	3.32E-08	0.00E+00	2.47E-06	3.49E-08	5.71E-12	3.43E-10	3.49E-10	
Anthracene	Baseline	ABOR	Infant	3.36E-10	2.81E-14	3.05E-10	1.22E-10	1.58E-08	1.97E-09	1.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-07	8.07E-11	3.23E-09	1.83E-07	2.23E-08	1.37E-13	7.43E-11	7.45E-11	
Anthracene	Baseline	ABOR	Toddler	1.34E-09	1.06E-13	2.84E-10	7.72E-10	2.17E-08	1.97E-09	1.70E-10	1.34E-08	6.49E-11	8.33E-11	2.82E-13	1.91E-13	2.89E-07	1.08E-10	6.50E-11	0.00E+00	3.29E-07	1.99E-08	2.72E-13	6.62E-11	6.65E-11		
Anthracene	Baseline	ABOR	Adolescent	3.36E-10	1.99E-13	5.09E-10	1.63E-09	4.54E-08	1.97E-09	1.70E-10	2.68E-08	1.14E-10	1.70E-10	2.82E-13	5.74E-13	6.97E-07	2.02E-10	1.82E-10	0.00E+00	7.74E-07	1.30E-08	1.88E-14	4.32E-11	4.32E-11		
Anthracene	Baseline	ABOR	Child	3.36E-10	1.85E-13	4.15E-10	1.46E-09	3.16E-08	1.97E-09	1.70E-10	2.26E-08	9.74E-11	1.22E-10	2.82E-13	3.83E-13	4.67E-07	1.49E-10	1.15E-10	0.00E+00	5.27E-07	1.60E-08	3.41E-14	5.33E-11	5.33E-11		
Anthracene	Baseline	ABOR	Adult	3.36E-10	2.12E-13	5.81E-10	1.79E-09	3.75E-08	1.97E-09	1.70E-10	2.68E-08	1.30E-10	2.64E-10	5.64E-13	7.66E-13	2.68E-07	2.24E-10	2.07E-10	0.00E+00	8.63E-07	1.22E-08	1.58E-14	4.07E-11	4.07E-11		
Anthracene	Baseline	URBN	Infant	4.34E-10	3.63E-14	3.94E-10	5.25E-12	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-07	1.04E-10	4.75E-11	3.20E-09	1.86E-07	2.26E-08	1.76E-13	7.53E-11	7.55E-11	
Anthracene	Baseline	URBN	Toddler	1.74E-09	1.37E-13	3.67E-10	2.10E-10	2.80E-08	0.00E+00	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-07	1.40E-10	8.40E-11	0.00E+00	3.31E-07	2.01E-08	3.51E-13	6.65E-11	6.68E-11		
Anthracene	Baseline	URBN	Adolescent	4.34E-10	2.57E-13	6.57E-10	2.94E-10	5.86E-08	0.00E+00	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-07	2.60E-10	2.34E-10	0.00E+00	7.68E-07	1.29E-08	2.42E-14	4.29E-11	4.29E-11		
Anthracene	Baseline	URBN	Child	4.34E-10	2.39E-13	5.36E-10	3.62E-10	4.08E-08	0.00E+00	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-07	1.92E-10	1.48E-10	0.00E+00	5.21E-07	1.58E-08	4.40E-14	5.28E-11	5.28E-11		
Anthracene	Baseline	URBN	Adult	4.34E-10	2.74E-13	7.50E-10	2.41E-10	4.84E-08	0.00E+00	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-07	2.90E-10	2.68E-10	0.00E+00	8.55E-07	1.21E-08	2.05E-14	4.03E-11	4.03E-11		
Anthracene	Application	ABOR	Infant	1.49E-09	1.24E-13	1.35E-09	5.40E-10	6.99E-08	8.74E-09	7.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-07	3.57E-10	1.63E-10	9.68E-09	5.50E-07	6.71E-08	6.05E-13	2.23E-10	2.24E-10		
Anthracene	Application	ABOR	Toddler	5.96E-09	4.70E-13	1.26E-09	3.42E-09	9.61E-08	8.74E-09	7.51E-10	7.35E-08	2.88E-10	4.00E-10	1.40E-12	9.49E-13	8.19E-07	4.80E-10	2.88E-10	0.00E+00	1.01E-06	6.12E-08	1.20E-12	2.03E-10	2.04E-10		
Anthracene	Application	ABOR	Adolescent	1.49E-09	8.83E-13	2.25E-09	7.20E-09	2.01E-07	8.74E-09	7.51E-10	1.47E-07	5.03E-10	8.15E-10	1.40E-12	2.85E-12	1.98E-06	8.93E-10	8.04E-10	0.00E+00	2.35E-06	3.93E-08	8.31E-14	1.31E-10	1.31E-10		
Anthracene	Application	ABOR	Child	1.49E-09	8.20E-13	1.84E-09	6.48E-09	1.40E-07	8.74E-09	7.51E-10	1.24E-07	4.31E-10	5.87E-10	1.40E-12	1.90E-12	1.33E-06	6.59E-10	5.08E-10	0.00E+00	1.61E-06	4.90E-08	1.51E-13	1.63E-10	1.63E-10		
Anthracene	Application	ABOR	Adult	1.49E-09	9.39E-13	2.57E-09	7.92E-09	1.66E-07	8.74E-09	7.51E-10	1.47E-07	5.75E-10	1.26E-09	2.81E-12	3.79E-12	2.25E-06	9.94E-10	9.18E-10	0.00E+00	2.59E-06	3.66E-08	7.02E-14	1.22E-10	1.22E-10		
Anthracene	Application	URBN	Infant	2.47E-09	2.06E-13	2.24E-09	2.98E-11	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-07	5.92E-10	2.70E-10	9.72E-09	5.88E-07	7.17E-08	1.00E-12	2.38E-10	2.39E-10		
Anthracene	Application	URBN	Toddler	9.87E-09	7.78E-13	2.08E-09	1.19E-09	1.59E-07	0.00E+00	0.00E+00	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-07	7.96E-10	4.77E-10	0.00E+00	1.06E-06	6.39E-08	1.99E-12	2.11E-10	2.13E-10		
Anthracene	Application	URBN	Adolescent	2.47E-09	1.46E-12	3.73E-09	1.67E-09	3.33E-07	0.00E+00	0.00E+00	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-06	1.48E-09	1.33E-09	0.00E+00	2.38E-06	3.99E-08	1.38E-13	1.33E-10	1.33E-10		
Anthracene	Application	URBN	Child	2.47E-09	1.36E-12	3.05E-09	2.06E-09	2.32E-07	0.00E+00	0.00E+00	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-06	1.09E-09	8.42E-10	0.00E+00	1.63E-06	4.95E-08	2.50E-13	1.65E-10	1.65E-10		
Anthracene	Application	URBN	Adult	2.47E-09	1.56E-12	4.26E-09	1.37E-09	2.75E-07	0.00E+00	0.00E+00	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-06	1.65E-09	1.52E-09	0.00E+00	2.60E-06	3.67E-08	1.16E-13	1.22E-10	1.22E-10		
Anthracene	Cumulative	ABOR	Infant	1.37E-09	1.15E-13	1.25E-09	4.97E-10	6.44E-08	8.05E-09	6.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-07	3.29E-10	1.50E-10	7.84E-09	4.46E-07	5.44E-08	5.58E-13	1.81E-10	1.81E-10		
Anthracene	Cumulative	ABOR	Toddler	5.49E-09	4.33E-13	1.16E-09	3.15E-09	8.86E-08	8.05E-09	6.92E-10	6.99E-08	2.65E-10	3.87E-10	1.37E-12	9.26E-13	6.48E-07	4.42E-10	2.65E-10	0.00E+00	8.26E-07	5.01E-08	1.11E-12	1.66E-10	1.67E-10		
Anthracene	Cumulative	ABOR	Adolescent	1.37E-09	8.13E-13	2.08E-09	6.63E-09	1.85E-07	8.05E-09	6.92E-10	1.40E-07	4.64E-10	7.89E-10	1.37E-12	2.78E-12	1.56E-06	8.23E-10	7.41E-10	0.00E+00	1.91E-06	3.20E-08	7.66E-14	1.07E-10	1.07E-10		
Anthracene	Cumulative	ABOR	Child	1.37E-09	7.56E-13	1.69E-09	5.97E-09	1.29E-07	8.05E-09	6.92E-10	1.18E-07	3.97E-10	5.68E-10	1.37E-12	1.85E-12	1.05E-06	6.07E-10	4.68E-10	0.00E+00	1.32E-06	4.00E-08	1.39E-13	1.33E-10	1.33E-10		
Anthracene	Cumulative	ABOR	Adult	1.37E-09	8.65E-13	2.37E-09	7.30E-09	1.53E-07	8.05E-09	6.92E-10	1.40E-07	5.30E-10	1.22E-09	2.74E-12	3.70E-12	1.78E-06	9.16E-10	8.46E-10	0.00E+00	2.10E-06	2.96E-08	6.47E-14	9.87E-11	9.88E-11		
Anthracene	Cumulative	UR																								

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																			RQ Soil	RQ Oral	RQ Total
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Anthracene	Project	ABOR	Adult	1.19E-09	7.48E-13	2.05E-09	6.31E-09	1.32E-07	6.96E-09	5.98E-10	1.21E-07	4.58E-10	1.13E-09	2.55E-12	3.44E-12	1.46E-06	7.91E-10	7.31E-10	0.00E+00	1.73E-06	2.45E-08	5.59E-14	8.17E-11	8.17E-11	
Anthracene	Project	URBN	Infant	2.04E-09	1.70E-13	1.85E-09	2.47E-11	9.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-07	4.89E-10	2.23E-10	6.54E-09	4.04E-07	4.92E-08	8.29E-13	1.63E-10	1.64E-10	
Anthracene	Project	URBN	Toddler	8.16E-09	6.43E-13	1.72E-09	9.86E-10	1.32E-07	0.00E+00	0.00E+00	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-07	6.58E-10	3.95E-10	0.00E+00	7.27E-07	4.40E-08	1.65E-12	1.45E-10	1.47E-10	
Anthracene	Project	URBN	Adolescent	2.04E-09	1.21E-12	3.09E-09	1.38E-09	2.75E-07	0.00E+00	0.00E+00	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-06	1.22E-09	1.10E-09	0.00E+00	1.62E-06	2.71E-08	1.14E-13	9.02E-11	9.03E-11	
Anthracene	Project	URBN	Child	2.04E-09	1.12E-12	2.52E-09	1.70E-09	1.92E-07	0.00E+00	0.00E+00	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-07	9.02E-10	6.96E-10	0.00E+00	1.11E-06	3.38E-08	2.07E-13	1.12E-10	1.13E-10	
Anthracene	Project	URBN	Adult	2.04E-09	1.29E-12	3.52E-09	1.13E-09	2.27E-07	0.00E+00	0.00E+00	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-06	1.36E-09	1.26E-09	0.00E+00	1.75E-06	2.47E-08	9.61E-14	8.23E-11	8.24E-11	
Anthracene	Future	ABOR	Infant	1.10E-09	9.18E-14	9.97E-10	3.98E-10	5.16E-08	6.45E-09	5.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-07	2.64E-10	1.20E-10	4.64E-09	2.66E-07	3.25E-08	4.47E-13	1.08E-10	1.08E-10	
Anthracene	Future	ABOR	Toddler	4.39E-09	3.46E-13	9.28E-10	2.52E-09	7.09E-08	6.45E-09	5.54E-10	5.65E-08	2.12E-10	3.03E-10	1.09E-12	7.35E-13	3.59E-07	3.54E-10	2.13E-10	0.00E+00	5.03E-07	3.05E-08	8.88E-13	1.01E-10	1.02E-10	
Anthracene	Future	ABOR	Adolescent	1.10E-09	6.51E-13	1.66E-09	5.31E-09	1.48E-07	6.45E-09	5.54E-10	1.13E-07	3.71E-10	6.19E-10	1.09E-12	2.20E-12	8.66E-07	6.59E-10	5.93E-10	0.00E+00	1.14E-06	1.92E-08	6.13E-14	6.38E-11	6.39E-11	
Anthracene	Future	ABOR	Child	1.10E-09	6.05E-13	1.36E-09	4.78E-09	1.03E-07	6.45E-09	5.54E-10	9.57E-08	3.18E-10	4.46E-10	1.09E-12	1.47E-12	5.81E-07	4.86E-10	3.75E-10	0.00E+00	7.96E-07	2.42E-08	1.11E-13	8.05E-11	8.06E-11	
Anthracene	Future	ABOR	Adult	1.10E-09	6.93E-13	1.90E-09	5.84E-09	1.23E-07	6.45E-09	5.54E-10	1.13E-07	4.24E-10	9.60E-10	2.18E-12	2.94E-12	9.86E-07	7.33E-10	6.77E-10	0.00E+00	1.24E-06	1.75E-08	5.18E-14	5.84E-11	5.85E-11	
Anthracene	Future	URBN	Infant	1.92E-09	1.60E-13	1.74E-09	2.32E-11	8.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-07	4.60E-10	2.10E-10	4.70E-09	2.99E-07	3.65E-08	7.78E-13	1.21E-10	1.22E-10	
Anthracene	Future	URBN	Toddler	7.66E-09	6.04E-13	1.62E-09	9.26E-10	1.24E-07	0.00E+00	0.00E+00	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-07	6.18E-10	3.71E-10	0.00E+00	5.42E-07	3.28E-08	1.55E-12	1.08E-10	1.09E-10	
Anthracene	Future	URBN	Adolescent	1.92E-09	1.14E-12	2.90E-09	1.30E-09	2.59E-07	0.00E+00	0.00E+00	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-07	1.15E-09	1.03E-09	0.00E+00	1.18E-06	1.98E-08	1.07E-13	6.58E-11	6.59E-11	
Anthracene	Future	URBN	Child	1.92E-09	1.06E-12	2.37E-09	1.60E-09	1.80E-07	0.00E+00	0.00E+00	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-07	8.47E-10	6.54E-10	0.00E+00	8.16E-07	2.48E-08	1.94E-13	8.25E-11	8.27E-11	
Anthracene	Future	URBN	Adult	1.92E-09	1.21E-12	3.31E-09	1.07E-09	2.14E-07	0.00E+00	0.00E+00	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-07	1.28E-09	1.18E-09	0.00E+00	1.26E-06	1.78E-08	9.03E-14	5.91E-11	5.92E-11	
aromatic C17-C34	Baseline	ABOR	Infant	1.47E-07	1.23E-11	5.61E-04	2.19E-04	9.40E-07	1.17E-07	3.11E-04	8.73E-06	3.11E-04	0.00E+00	0.00E+00	0.00E+00	1.87E-05	4.70E-08	2.14E-08	1.37E-05	1.12E-03	1.37E-04	5.97E-10	4.57E-06	4.57E-06	
aromatic C17-C34	Baseline	ABOR	Toddler	5.88E-07	4.63E-11	5.22E-04	1.39E-03	1.29E-06	1.17E-07	3.11E-04	8.73E-06	3.11E-04	2.30E-03	8.04E-06	6.10E-06	3.90E-05	6.32E-08	3.79E-08	0.00E+00	4.90E-03	2.97E-04	1.19E-09	9.89E-06	9.90E-06	
aromatic C17-C34	Baseline	ABOR	Adolescent	1.47E-07	8.71E-11	9.34E-04	2.92E-03	2.70E-06	1.17E-07	3.11E-04	1.75E-05	5.45E-04	4.70E-03	8.04E-06	1.83E-05	8.35E-05	1.18E-07	1.06E-07	0.00E+00	9.54E-03	1.60E-04	8.20E-11	5.33E-06	5.33E-06	
aromatic C17-C34	Baseline	ABOR	Child	1.47E-07	8.09E-11	7.63E-04	2.63E-03	1.88E-06	1.17E-07	3.11E-04	1.48E-05	4.67E-04	3.38E-03	8.04E-06	1.22E-05	5.97E-05	8.67E-08	6.68E-08	0.00E+00	7.65E-03	2.33E-04	1.49E-10	7.75E-06	7.75E-06	
aromatic C17-C34	Baseline	ABOR	Adult	1.47E-07	9.27E-11	1.07E-03	3.21E-03	2.23E-06	1.17E-07	3.11E-04	1.75E-05	6.23E-04	7.29E-03	1.61E-05	2.44E-05	9.48E-05	1.31E-07	1.21E-07	0.00E+00	1.27E-02	1.79E-04	6.93E-11	5.97E-06	5.97E-06	
aromatic C17-C34	Baseline	URBN	Infant	1.14E-06	9.52E-11	4.34E-03	5.66E-05	7.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	3.64E-07	1.66E-07	1.19E-05	4.44E-03	5.42E-04	4.63E-09	1.80E-05	1.81E-05	
aromatic C17-C34	Baseline	URBN	Toddler	4.55E-06	3.59E-10	4.04E-03	2.26E-03	1.00E-05	0.00E+00	0.00E+00	7.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05	4.90E-07	2.94E-07	0.00E+00	6.37E-03	3.86E-04	9.20E-09	1.29E-05	1.29E-05	
aromatic C17-C34	Baseline	URBN	Adolescent	1.14E-06	6.75E-10	7.24E-03	3.17E-03	2.09E-05	0.00E+00	0.00E+00	7.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-05	9.11E-07	8.20E-07	0.00E+00	1.05E-02	1.76E-04	6.36E-10	5.87E-06	5.88E-06	
aromatic C17-C34	Baseline	URBN	Child	1.14E-06	6.27E-10	5.91E-03	3.90E-03	1.46E-05	0.00E+00	0.00E+00	7.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-05	6.72E-07	5.18E-07	0.00E+00	9.90E-03	3.01E-04	1.15E-09	1.00E-05	1.00E-05	
aromatic C17-C34	Baseline	URBN	Adult	1.14E-06	7.18E-10	8.27E-03	2.60E-03	1.73E-05	0.00E+00	0.00E+00	7.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-05	1.01E-06	9.36E-07	0.00E+00	1.10E-02	1.55E-04	5.37E-10	5.18E-06	5.18E-06	
aromatic C17-C34	Application	ABOR	Infant	1.48E-07	1.24E-11	5.66E-04	2.21E-04	9.50E-07	1.19E-07	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	4.75E-08	2.17E-08	1.37E-05	1.14E-03	1.39E-04	6.03E-10	4.62E-06	4.62E-06	
aromatic C17-C34	Application	ABOR	Toddler	5.94E-07	4.68E-11	5.27E-04	1.40E-03	1.31E-06	1.19E-07	3.15E-04	8.81E-06	3.15E-04	2.30E-03	8.04E-06	6.10E-06	4.05E-05	6.38E-08	3.83E-08	0.00E+00	4.93E-03	2.99E-04	1.20E-09	9.95E-06	9.95E-06	
aromatic C17-C34	Application	ABOR	Adolescent	1.48E-07	8.80E-11	9.44E-04	2.95E-03	2.73E-06	1.19E-07	3.15E-04	1.76E-05	5.51E-04	4.70E-03	8.04E-06	1.83E-05	8.68E-05	1.19E-07	1.07E-07	0.00E+00	9.59E-03	1.61E-04	8.29E-11	5.36E-06	5.36E-06	
aromatic C17-C34	Application	ABOR	Child	1.48E-07	8.18E-11	7.71E-04	2.65E-03	1.90E-06	1.19E-07	3.15E-04	1.49E-05	4.72E-04	3.38E-03	8.04E-06	1.22E-05	6.20E-05	8.76E-08	6.75E-08	0.00E+00	7.70E-03	2.34E-04	1.50E-10	7.80E-06	7.80E-06	
aromatic C17-C34	Application	ABOR	Adult	1.48E-07	9.36E-11	1.08E-03	3.24E-03	2.26E-06	1.19E-07	3.15E-04	1.76E-05	6.29E-04	7.29E-03	1.61E-05	2.44E-05	9.85E-05	1.32E-07	1.22E-07	0.00E+00	1.27E-02	1.80E-04	7.00E-11	5.99E-06	5.99E-06	
aromatic C17-C34	Application	URBN	Infant	1.14E-06	9.55E-11	4.36E-03	5.67E-05	7.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	3.66E-07	1.67E-07	1.19E-05	4.46E-03	5.43E-04	4.64E-09	1.81E-05	1.81E-05	
aromatic C17-C34	Application	URBN	Toddler	4.57E-06	3.60E-10	4.06E-03	2.27E-03	1.00E-05	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05	4.91E-07	2.95E-07	0.00E+00	6.39E-03	3.87E-04	9.23E-09	1.29E-05	1.29E-05	
aromatic C17-C34	Application	URBN	Adolescent	1.14E-06	6.77E-10	7.26E-03	3.18E-03	2.10E-05	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05	9.14E-07	8.22E-07	0.00E+00	1.06E-02	1.77E-04	6.38E-10	5.90E-06	5.90E-06	
aromatic C17-C34	Application	URBN	Child	1.14E-06	6.29E-10	5.93E-03	3.91E-03	1.46E-05	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05	6.74E-07	5.20E-07	0.00E+00	9.93E-03	3.02E-04	1.16E-09	1.01E-05	1.01E-05	
aromatic C17-C34	Application	URBN	Adult	1.14E-06	7.21E-10	8.29E-03	2.61E-03	1.74E-05	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-05	1.02E-06	9.39E-07	0.00E+00	1.10E-02	1.56E-04	5.39E-10	5.20E-06	5.20E-06	
aromatic C17-C34	Cumulative	ABOR	Infant	1.48E-07	1.24E-11	5.66E-04	2.21E-04	9.49E-07	1.19E-07	3.14E-04	8.80E-06	3.14E-04	2.30E-03	8.04E-06	6.10E-06	4.00E-05	6.38E-08	3.83E-08	0.00E+00	4.92E-03	2.98E-04	1.20E-09	9.94E-06	9.95E-06	
aromatic C17-C34	Cumulative	ABOR	Adolescent	1.48E-07	8.79E-11	9.43E-04	2.95E-03	1.73E-06	1.19E-07	3.14E-04	1.76E-05														

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total		
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total					
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI					
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless					
aromatic C17-C34	Project	ABOR	Infant	1.50E-09	1.25E-13	5.71E-06	2.23E-06	9.57E-09	1.20E-09	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-07	4.79E-10	2.18E-10	6.34E-08	1.19E-05	1.46E-06	6.08E-12	4.85E-08	4.85E-08
aromatic C17-C34	Project	ABOR	Toddler	5.98E-09	4.72E-13	5.31E-06	1.41E-05	1.32E-08	1.20E-09	3.17E-06	7.98E-08	3.17E-06	5.27E-07	1.84E-09	1.40E-09	1.57E-06	6.43E-10	3.86E-10	0.00E+00	2.80E-05	1.70E-06	1.21E-11	5.65E-08	5.65E-08	5.65E-08	
aromatic C17-C34	Project	ABOR	Adolescent	1.50E-09	8.87E-13	9.51E-06	2.97E-05	2.75E-08	1.20E-09	3.17E-06	1.60E-07	5.55E-06	1.08E-06	1.84E-09	4.19E-09	3.36E-06	1.20E-09	1.08E-09	0.00E+00	5.26E-05	8.81E-07	8.35E-13	2.94E-08	2.94E-08	2.94E-08	
aromatic C17-C34	Project	ABOR	Child	1.50E-09	8.24E-13	7.77E-06	2.68E-05	1.91E-08	1.20E-09	3.17E-06	1.35E-07	4.76E-06	7.75E-07	1.84E-09	2.79E-09	2.40E-06	8.83E-10	6.81E-10	0.00E+00	4.58E-05	1.39E-06	1.52E-12	4.64E-08	4.64E-08	4.64E-08	
aromatic C17-C34	Project	ABOR	Adult	1.50E-09	9.44E-13	1.09E-05	3.27E-05	2.27E-08	1.20E-09	3.17E-06	1.60E-07	6.34E-06	1.67E-06	3.68E-09	5.59E-09	3.81E-06	1.33E-09	1.23E-09	0.00E+00	5.87E-05	8.31E-07	7.05E-13	2.77E-08	2.77E-08	2.77E-08	
aromatic C17-C34	Project	URBN	Infant	2.57E-09	2.15E-13	9.82E-06	1.28E-07	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-07	8.23E-10	3.76E-10	3.07E-08	1.07E-05	1.31E-06	1.05E-11	4.37E-08	4.37E-08	
aromatic C17-C34	Project	URBN	Toddler	1.03E-08	8.12E-13	9.14E-06	5.11E-06	2.26E-08	0.00E+00	0.00E+00	6.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-06	1.11E-09	6.64E-10	0.00E+00	1.59E-05	9.65E-07	2.08E-11	3.21E-08	3.22E-08	
aromatic C17-C34	Project	URBN	Adolescent	2.57E-09	1.53E-12	1.64E-05	7.16E-06	4.73E-08	0.00E+00	0.00E+00	6.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-06	2.06E-09	1.85E-09	0.00E+00	2.70E-05	4.52E-07	1.44E-12	1.51E-08	1.51E-08	
aromatic C17-C34	Project	URBN	Child	2.57E-09	1.42E-12	1.34E-05	8.82E-06	3.29E-08	0.00E+00	0.00E+00	6.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-06	1.52E-09	1.17E-09	0.00E+00	2.47E-05	7.50E-07	2.61E-12	2.50E-08	2.50E-08	
aromatic C17-C34	Project	URBN	Adult	2.57E-09	1.62E-12	1.87E-05	5.88E-06	3.91E-08	0.00E+00	0.00E+00	6.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-06	2.29E-09	2.11E-09	0.00E+00	2.85E-05	4.03E-07	1.21E-12	1.34E-08	1.34E-08	
aromatic C17-C34	Future	ABOR	Infant	1.39E-09	1.16E-13	5.29E-06	2.07E-06	8.87E-09	1.11E-09	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-07	4.44E-10	2.02E-10	5.64E-08	1.09E-05	1.33E-06	5.63E-12	4.42E-08	4.42E-08	
aromatic C17-C34	Future	ABOR	Toddler	5.54E-09	4.37E-13	4.92E-06	1.31E-05	1.22E-08	1.11E-09	2.94E-06	7.48E-08	2.94E-06	9.87E-08	3.44E-10	2.61E-10	1.06E-06	5.96E-10	3.58E-10	0.00E+00	2.51E-05	1.52E-06	1.12E-11	5.08E-08	5.08E-08	5.08E-08	
aromatic C17-C34	Future	ABOR	Adolescent	1.39E-09	8.22E-13	8.81E-06	2.75E-05	2.55E-08	1.11E-09	2.94E-06	1.50E-07	5.14E-06	2.01E-07	3.44E-10	7.84E-10	2.26E-06	1.11E-09	9.98E-10	0.00E+00	4.71E-05	7.89E-07	7.74E-13	2.63E-08	2.63E-08	2.63E-08	
aromatic C17-C34	Future	ABOR	Child	1.39E-09	7.64E-13	7.20E-06	2.48E-05	1.77E-08	1.11E-09	2.94E-06	1.27E-07	4.41E-06	1.45E-07	3.44E-10	5.23E-10	1.62E-06	8.18E-10	6.31E-10	0.00E+00	4.12E-05	1.25E-06	1.40E-12	4.18E-08	4.18E-08	4.18E-08	
aromatic C17-C34	Future	ABOR	Adult	1.39E-09	8.74E-13	1.01E-05	3.03E-05	2.11E-08	1.11E-09	2.94E-06	1.50E-07	5.87E-06	3.12E-07	6.88E-10	1.05E-09	2.57E-06	1.23E-09	1.14E-09	0.00E+00	5.22E-05	7.39E-07	6.54E-13	2.46E-08	2.46E-08	2.46E-08	
aromatic C17-C34	Future	URBN	Infant	2.42E-09	2.02E-13	9.22E-06	1.20E-07	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-07	7.73E-10	3.53E-10	2.78E-08	9.89E-06	1.21E-06	9.82E-12	4.02E-08	4.02E-08	
aromatic C17-C34	Future	URBN	Toddler	9.67E-09	7.62E-13	8.58E-06	4.80E-06	2.13E-08	0.00E+00	0.00E+00	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-06	1.04E-09	6.23E-10	0.00E+00	1.45E-05	8.81E-07	1.95E-11	2.93E-08	2.94E-08	
aromatic C17-C34	Future	URBN	Adolescent	2.42E-09	1.43E-12	1.54E-05	6.72E-06	4.44E-08	0.00E+00	0.00E+00	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-06	1.93E-09	1.74E-09	0.00E+00	2.45E-05	4.10E-07	1.35E-12	1.37E-08	1.37E-08	
aromatic C17-C34	Future	URBN	Child	2.42E-09	1.33E-12	1.26E-05	8.28E-06	3.09E-08	0.00E+00	0.00E+00	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-06	1.43E-09	1.10E-09	0.00E+00	2.25E-05	6.85E-07	2.45E-12	2.28E-08	2.28E-08	
aromatic C17-C34	Future	URBN	Adult	2.42E-09	1.52E-12	1.75E-05	5.52E-06	3.67E-08	0.00E+00	0.00E+00	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-06	2.15E-09	1.99E-09	0.00E+00	2.57E-05	3.64E-07	1.14E-12	1.21E-08	1.21E-08	
Arsenic	Baseline	ABOR	Infant	1.77E-02	1.48E-06	2.99E-03	1.16E-03	6.64E-04	8.30E-05	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	8.52E-04	3.89E-04	0.00E+00	2.58E-02	3.14E-03	7.21E-03	3.27E-03	1.05E-02	
Arsenic	Baseline	ABOR	Toddler	7.10E-02	5.60E-06	2.78E-03	7.37E-03	9.13E-04	8.30E-05	1.66E-03	7.61E-03	1.09E-03	4.77E-04	8.39E-07	1.65E-06	3.60E-03	1.14E-03	6.87E-04	0.00E+00	9.84E-02	5.96E-03	1.43E-02	5.54E-03	1.99E-02	1.99E-02	
Arsenic	Baseline	ABOR	Adolescent	1.77E-02	1.05E-05	4.99E-03	1.55E-02	1.91E-03	8.30E-05	1.66E-03	1.52E-02	1.91E-03	9.73E-04	8.39E-07	4.95E-06	2.59E-03	2.13E-03	1.92E-03	0.00E+00	6.67E-02	1.12E-03	9.91E-04	2.73E-03	3.72E-03	3.72E-03	
Arsenic	Baseline	ABOR	Child	1.77E-02	9.78E-06	4.07E-03	1.40E-02	1.33E-03	8.30E-05	1.66E-03	1.29E-02	1.64E-03	7.00E-04	8.39E-07	3.30E-06	3.86E-03	1.57E-03	1.21E-03	0.00E+00	6.07E-02	1.85E-03	1.80E-03	4.35E-03	6.15E-03	6.15E-03	
Arsenic	Baseline	ABOR	Adult	1.77E-02	1.12E-05	5.69E-03	1.71E-02	1.58E-03	8.30E-05	1.66E-03	1.52E-02	2.18E-03	1.51E-03	1.68E-06	6.60E-06	2.73E-03	2.37E-03	2.19E-03	0.00E+00	7.00E-02	9.91E-04	8.36E-04	2.47E-03	3.30E-03	3.30E-03	
Arsenic	Baseline	URBN	Infant	1.77E-02	1.48E-06	2.99E-03	3.88E-05	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	8.52E-04	3.89E-04	0.00E+00	2.29E-02	2.80E-03	7.22E-03	2.10E-03	9.32E-03	
Arsenic	Baseline	URBN	Toddler	7.10E-02	5.60E-06	2.78E-03	1.55E-03	9.14E-04	0.00E+00	0.00E+00	6.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03	1.14E-03	6.87E-04	0.00E+00	8.81E-02	5.34E-03	1.43E-02	3.46E-03	1.78E-02	
Arsenic	Baseline	URBN	Adolescent	1.77E-02	1.05E-05	4.99E-03	2.17E-03	1.91E-03	0.00E+00	0.00E+00	6.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03	2.13E-03	1.92E-03	0.00E+00	3.99E-02	6.69E-04	9.91E-04	1.24E-03	2.23E-03	
Arsenic	Baseline	URBN	Child	1.77E-02	9.78E-06	4.07E-03	2.68E-03	1.33E-03	0.00E+00	0.00E+00	6.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03	1.57E-03	1.21E-03	0.00E+00	3.89E-02	1.18E-03	1.80E-03	2.14E-03	3.94E-03	
Arsenic	Baseline	URBN	Adult	1.77E-02	1.12E-05	5.69E-03	1.78E-03	1.58E-03	0.00E+00	0.00E+00	6.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	2.37E-03	2.19E-03	0.00E+00	4.05E-02	5.74E-04	8.37E-04	1.07E-03	1.91E-03	
Arsenic	Application	ABOR	Infant	1.78E-02	1.49E-06	3.01E-03	1.17E-03	6.68E-04	8.35E-05	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	8.56E-04	3.91E-04	0.00E+00	2.59E-02	3.16E-03	7.25E-03	3.28E-03	1.05E-02	
Arsenic	Application	ABOR	Toddler	7.13E-02	5.63E-06	2.80E-03	7.41E-03	9.18E-04	8.35E-05	1.67E-03	7.65E-03	1.10E-03	4.84E-04	8.54E-07	1.68E-06	3.62E-03	1.15E-03	6.90E-04	0.00E+00	9.89E-02	5.99E-03	1.44E-02	5.57E-03	2.00E-02	2.00E-02	
Arsenic	Application	ABOR	Adolescent	1.78E-02	1.06E-05	5.01E-03	1.56E-02	1.92E-03	8.35E-05	1.67E-03	1.53E-02	1.92E-03	9.87E-04	8.54E-07	5.03E-06	2.61E-03	2.14E-03	1.93E-03	0.00E+00	6.70E-02	1.12E-03	9.96E-04	2.75E-03	3.74E-03	3.74E-03	
Arsenic	Application	ABOR	Child	1.78E-02	9.83E-06	4.09E-03	1.40E-02	1.34E-03	8.35E-05	1.67E-03	1.29E-02	1.65E-03	7.11E-04	8.54E-07	3.36E-06	3.88E-03	1.58E-03	1.22E-03	0.00E+00	6.10E-02	1.86E-03	1.81E-03	4.38E-03	6.18E-03	6.18E-03	
Arsenic	Application	ABOR	Adult	1.78E-02	1.13E-05	5.72E-03	1.72E-02	1.59E-03	8.35E-05	1.67E-03	1.53E-02	2.19E-03	1.53E-03	1.71E-06	6.71E-06	2.75E-03	2.38E-03	2.20E-03	0.00E+00	7.04E-02	9.96E-04	8.41E-04	2.48E-03	3.32E-03	3.32E-03	
Arsenic	Application	URBN	Infant	1.79E-02	1.50E-06	3.02E-03	3.91E-05	6.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	8.59E-04	3.92E-04	0.00E+00	2.31E-02	2.82E-03	7.27E-03	1.22E-03	9.39E-03	9.39E-03	
Arsenic	Application	URBN	Toddler																							

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total	
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Arsenic	Cumulative	URBN	Toddler	7.16E-02	5.64E-06	2.81E-03	1.56E-03	9.21E-04	0.00E+00	0.00E+00	6.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	1.15E-03	6.92E-04	0.00E+00	8.88E-02	5.38E-03	1.45E-02	3.48E-03	1.79E-02
Arsenic	Cumulative	URBN	Adolescent	1.79E-02	1.06E-05	5.03E-03	2.19E-03	1.93E-03	0.00E+00	0.00E+00	6.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	2.15E-03	1.93E-03	0.00E+00	4.02E-02	6.74E-04	9.99E-04	1.25E-03	2.25E-03
Arsenic	Cumulative	URBN	Child	1.79E-02	9.86E-06	4.11E-03	2.70E-03	1.34E-03	0.00E+00	0.00E+00	6.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03	1.58E-03	1.22E-03	0.00E+00	3.92E-02	1.19E-03	1.81E-03	2.16E-03	3.97E-03
Arsenic	Cumulative	URBN	Adult	1.79E-02	1.13E-05	5.74E-03	1.80E-03	1.59E-03	0.00E+00	0.00E+00	6.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	2.39E-03	2.21E-03	0.00E+00	4.09E-02	5.78E-04	8.44E-04	1.08E-03	1.93E-03
Arsenic	Project	ABOR	Infant	8.90E-05	7.44E-09	1.50E-05	5.84E-06	3.33E-06	4.17E-07	8.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-07	4.27E-06	1.95E-06	0.00E+00	1.29E-04	1.57E-05	3.62E-05	1.63E-05	5.24E-05
Arsenic	Project	ABOR	Toddler	3.56E-04	2.81E-08	1.40E-05	3.70E-05	4.58E-06	4.17E-07	8.34E-06	4.41E-05	5.47E-06	2.75E-05	3.50E-08	7.70E-08	1.30E-05	5.74E-06	3.44E-06	0.00E+00	5.20E-04	3.15E-05	7.19E-05	3.31E-05	1.05E-04	
Arsenic	Project	ABOR	Adolescent	8.90E-05	5.28E-08	2.50E-05	7.78E-05	9.58E-06	4.17E-07	8.34E-06	8.82E-05	9.58E-06	5.62E-05	3.50E-08	2.31E-07	9.37E-06	1.07E-05	9.61E-06	0.00E+00	3.94E-04	6.60E-06	4.97E-06	1.70E-05	2.20E-05	
Arsenic	Project	ABOR	Child	8.90E-05	4.90E-08	2.04E-05	7.00E-05	6.66E-06	4.17E-07	8.34E-06	7.47E-05	8.21E-06	4.04E-05	3.50E-08	1.54E-07	1.39E-05	7.88E-06	6.07E-06	0.00E+00	3.46E-04	1.05E-05	9.02E-06	2.61E-05	3.51E-05	
Arsenic	Project	ABOR	Adult	8.90E-05	5.61E-08	2.86E-05	8.56E-05	7.91E-06	4.17E-07	8.34E-06	8.82E-05	1.09E-05	8.71E-05	6.99E-08	3.08E-07	9.87E-06	1.19E-05	1.10E-05	0.00E+00	4.39E-04	6.21E-06	4.20E-06	1.65E-05	2.07E-05	
Arsenic	Project	URBN	Infant	1.53E-04	1.28E-08	2.58E-05	3.35E-07	5.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-07	7.35E-06	3.35E-06	0.00E+00	1.96E-04	2.40E-05	6.22E-05	1.77E-05	7.99E-05	
Arsenic	Project	URBN	Toddler	6.12E-04	4.83E-08	2.40E-05	1.34E-05	7.88E-06	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	9.87E-06	5.92E-06	0.00E+00	7.24E-04	4.39E-05	1.24E-04	2.25E-05	1.46E-04	
Arsenic	Project	URBN	Adolescent	1.53E-04	9.07E-08	4.30E-05	1.87E-05	1.65E-05	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-06	1.84E-05	1.65E-05	0.00E+00	3.13E-04	5.24E-06	8.55E-06	8.93E-06	1.75E-05	
Arsenic	Project	URBN	Child	1.53E-04	8.43E-08	3.51E-05	2.31E-05	1.15E-05	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-06	1.35E-05	1.04E-05	0.00E+00	2.98E-04	9.06E-06	1.55E-05	1.47E-05	3.02E-05	
Arsenic	Project	URBN	Adult	1.53E-04	9.65E-08	4.91E-05	1.54E-05	1.36E-05	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-06	2.04E-05	1.89E-05	0.00E+00	3.18E-04	4.49E-06	7.22E-06	7.77E-06	1.50E-05	
Arsenic	Future	ABOR	Infant	8.25E-05	6.89E-09	1.39E-05	5.41E-06	3.09E-06	3.86E-07	7.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-07	3.96E-06	1.81E-06	0.00E+00	1.19E-04	1.45E-05	3.35E-05	1.50E-05	4.85E-05	
Arsenic	Future	ABOR	Toddler	3.30E-04	2.60E-08	1.29E-05	3.42E-05	4.24E-06	3.86E-07	7.72E-06	4.13E-05	5.07E-06	2.56E-05	3.22E-08	7.12E-08	8.76E-06	5.32E-06	3.19E-06	0.00E+00	4.79E-04	2.90E-05	6.66E-05	3.01E-05	9.67E-05	
Arsenic	Future	ABOR	Adolescent	8.25E-05	4.89E-08	2.32E-05	7.21E-05	8.88E-06	3.86E-07	7.72E-06	8.27E-05	8.88E-06	5.22E-05	3.22E-08	2.13E-07	6.31E-06	9.89E-06	8.90E-06	0.00E+00	3.64E-04	6.09E-06	4.60E-06	1.57E-05	2.03E-05	
Arsenic	Future	ABOR	Child	8.25E-05	4.54E-08	1.89E-05	6.49E-05	6.17E-06	3.86E-07	7.72E-06	7.00E-05	7.61E-06	3.76E-05	3.22E-08	1.42E-07	9.38E-06	7.30E-06	5.63E-06	0.00E+00	3.18E-04	9.67E-06	8.35E-06	2.39E-05	3.22E-05	
Arsenic	Future	ABOR	Adult	8.25E-05	5.20E-08	2.65E-05	7.93E-05	7.33E-06	3.86E-07	7.72E-06	8.27E-05	1.01E-05	8.09E-05	6.44E-08	2.85E-07	6.65E-06	1.10E-05	1.02E-05	0.00E+00	4.06E-04	5.74E-06	3.89E-06	1.52E-05	1.91E-05	
Arsenic	Future	URBN	Infant	1.44E-04	1.20E-08	2.42E-05	3.14E-07	5.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-07	6.90E-06	3.15E-06	0.00E+00	1.84E-04	2.25E-05	5.84E-05	1.65E-05	7.49E-05	
Arsenic	Future	URBN	Toddler	5.75E-04	4.53E-08	2.26E-05	1.26E-05	7.40E-06	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-06	9.27E-06	5.56E-06	0.00E+00	6.76E-04	4.10E-05	1.16E-04	2.04E-05	1.37E-04	
Arsenic	Future	URBN	Adolescent	1.44E-04	8.52E-08	4.04E-05	1.76E-05	1.55E-05	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-06	1.72E-05	1.55E-05	0.00E+00	2.91E-04	4.88E-06	8.03E-06	8.24E-06	1.63E-05	
Arsenic	Future	URBN	Child	1.44E-04	7.92E-08	3.30E-05	2.17E-05	1.08E-05	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-06	1.27E-05	9.81E-06	0.00E+00	2.76E-04	8.39E-06	1.46E-05	1.34E-05	2.80E-05	
Arsenic	Future	URBN	Adult	1.44E-04	9.07E-08	4.61E-05	1.45E-05	1.28E-05	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-06	1.92E-05	1.77E-05	0.00E+00	2.96E-04	4.18E-06	6.78E-06	7.17E-06	1.39E-05	
Barium	Baseline	ABOR	Infant	5.91E-02	4.94E-06	1.40E-02	5.43E-03	5.32E-03	6.65E-04	7.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	9.46E-03	4.32E-03	0.00E+00	1.08E-01	1.31E-02	3.61E-05	2.95E-05	6.56E-05	
Barium	Baseline	ABOR	Toddler	2.37E-01	1.86E-05	1.30E-02	3.44E-02	7.32E-03	6.65E-04	7.75E-03	3.46E+00	5.98E-03	1.96E-03	3.69E-06	7.21E-06	2.36E-02	1.27E-02	7.63E-03	0.00E+00	3.81E+00	2.31E-01	7.17E-05	1.08E-03	1.15E-03	
Barium	Baseline	ABOR	Adolescent	5.91E-02	3.50E-05	2.33E-02	7.23E-02	1.53E-02	6.65E-04	7.75E-03	6.92E+00	1.05E-02	4.00E-03	3.69E-06	2.16E-05	1.70E-02	2.37E-02	2.13E-02	0.00E+00	7.17E+00	1.20E-01	4.95E-06	5.96E-04	6.01E-04	
Barium	Baseline	ABOR	Child	5.91E-02	3.26E-05	1.90E-02	6.51E-02	1.06E-02	6.65E-04	7.75E-03	5.85E+00	8.97E-03	3.69E-06	1.44E-05	2.53E-02	1.74E-02	1.35E-02	0.00E+00	6.08E+00	1.85E-01	8.99E-06	9.16E-04	9.24E-04		
Barium	Baseline	ABOR	Adult	5.91E-02	3.73E-05	2.65E-02	7.96E-02	1.26E-02	6.65E-04	7.75E-03	6.92E+00	1.20E-02	6.21E-03	7.39E-06	2.88E-05	1.79E-02	2.63E-02	2.43E-02	0.00E+00	7.19E+00	1.02E-01	4.18E-06	5.04E-04	5.08E-04	
Barium	Baseline	URBN	Infant	5.91E-02	4.94E-06	1.40E-02	1.81E-04	5.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	9.46E-03	4.32E-03	0.00E+00	9.39E-02	1.15E-02	3.61E-05	2.12E-05	5.73E-05	
Barium	Baseline	URBN	Toddler	2.37E-01	1.87E-05	1.30E-02	7.24E-03	7.32E-03	0.00E+00	0.00E+00	2.93E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-02	1.27E-02	7.63E-03	0.00E+00	3.23E+00	1.96E-01	7.17E-05	9.08E-04	9.80E-04	
Barium	Baseline	URBN	Adolescent	5.91E-02	3.51E-05	2.33E-02	1.01E-02	1.53E-02	0.00E+00	0.00E+00	2.93E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02	2.37E-02	2.13E-02	0.00E+00	3.10E+00	5.19E-02	4.95E-06	2.54E-04	2.59E-04	
Barium	Baseline	URBN	Child	5.91E-02	3.26E-05	1.90E-02	1.25E-02	1.06E-02	0.00E+00	0.00E+00	2.93E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-02	1.74E-02	1.35E-02	0.00E+00	3.08E+00	9.37E-02	8.99E-06	4.60E-04	4.69E-04	
Barium	Baseline	URBN	Adult	5.91E-02	3.73E-05	2.66E-02	8.32E-03	1.26E-02	0.00E+00	0.00E+00	2.93E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-02	2.63E-02	2.43E-02	0.00E+00	3.10E+00	4.39E-02	4.18E-06	2.15E-04	2.19E-04	
Barium	Application	ABOR	Infant	5.96E-02	4.99E-06	1.41E-02	5.47E-03	5.37E-03	6.71E-04	7.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	9.54E-03	4.35E-03	0.00E+00	1.08E-01	1.32E-02	3.64E-05	2.98E-05	6.62E-05	
Barium	Application	ABOR	Toddler	2.39E-01	1.88E-05	1.31E-02	3.47E-02	7.38E-03	6.71E-04	7.82E-03	3.49E+00	6.03E-03	1.99E-03	3.75E-06	7.33E-06	2.38E-02	1.28E-02	7.69E-03	0.00E+00	3.84E+00	2.33E-01	7.23E-05	1.09E-03	1.16E-03	
Barium	Application	ABOR	Adolescent	5.96E-02	3.54E-05	2.35E-02	7.30E-02	1.54E-02	6.71E-04	7.82E-03	6.98E+00	1.06E-02	4.07E-03	3.75E-06	2.20E-05	1.72E-02	2.39E-02	2.15E-02	0.00E+00	7.24E+00	1.21E-01	5.00E-06	6.01E-04	6.06E-04	
Barium	Application	ABOR	Child	5.96E-02	3.29E-05	1.92E-02	6.57E-02	1.07E-02	6.71E-04	7.82E-03	5.91E+00	9.05E-03	2.93E-03	3.75E-06	1.47E-05	2.55E-02	1.76E-02	1.36E-02	0.00E+00	6.14E+00	1.87E-01	9			



Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil Unitless	RQ Oral Unitless	RQ Total Unitless
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total			
				ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day			
Barium	Cumulative	ABOR	Adolescent	5.93E-02	3.52E-05	2.33E-02	7.26E-02	1.54E-02	6.68E-04	7.78E-03	6.95E+00	1.05E-02	4.06E-03	3.75E-06	2.20E-05	1.72E-02	2.37E-02	2.14E-02	0.00E+00	7.20E+00	1.21E-01	4.97E-06	5.98E-04	6.03E-04
Barium	Cumulative	ABOR	Child	5.93E-02	3.27E-05	1.91E-02	6.53E-02	1.07E-02	6.68E-04	7.78E-03	5.88E+00	9.00E-03	2.93E-03	3.75E-06	1.46E-05	2.55E-02	1.75E-02	1.35E-02	0.00E+00	6.11E+00	1.86E-01	9.02E-06	9.20E-04	9.29E-04
Barium	Cumulative	ABOR	Adult	5.93E-02	3.74E-05	2.66E-02	7.99E-02	1.27E-02	6.68E-04	7.78E-03	6.95E+00	1.20E-02	6.30E-03	7.50E-06	2.93E-05	1.81E-02	2.64E-02	2.44E-02	0.00E+00	7.22E+00	1.02E-01	4.20E-06	5.07E-04	5.11E-04
Barium	Cumulative	URBN	Infant	5.95E-02	4.98E-06	1.41E-02	1.82E-04	5.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	9.53E-03	4.35E-03	0.00E+00	9.45E-02	1.15E-02	3.63E-05	2.13E-05	5.77E-05
Barium	Cumulative	URBN	Toddler	2.38E-01	1.88E-05	1.31E-02	7.29E-03	7.37E-03	0.00E+00	0.00E+00	2.94E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-02	1.28E-02	7.68E-03	0.00E+00	3.25E+00	1.97E-01	7.22E-05	9.13E-04	9.85E-04
Barium	Cumulative	URBN	Adolescent	5.95E-02	3.53E-05	2.34E-02	1.02E-02	1.54E-02	0.00E+00	0.00E+00	2.94E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-02	2.38E-02	2.14E-02	0.00E+00	3.11E+00	5.21E-02	4.99E-06	2.56E-04	2.61E-04
Barium	Cumulative	URBN	Child	5.95E-02	3.28E-05	1.91E-02	1.26E-02	1.07E-02	0.00E+00	0.00E+00	2.94E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-02	1.76E-02	1.35E-02	0.00E+00	3.10E+00	9.42E-02	9.05E-06	4.62E-04	4.71E-04
Barium	Cumulative	URBN	Adult	5.95E-02	3.76E-05	2.67E-02	8.38E-03	1.27E-02	0.00E+00	0.00E+00	2.94E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-02	2.65E-02	2.45E-02	0.00E+00	3.12E+00	4.41E-02	4.21E-06	2.16E-04	2.20E-04
Barium	Project	ABOR	Infant	2.45E-04	2.05E-08	5.78E-05	2.25E-05	2.20E-05	2.76E-06	3.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-06	3.92E-05	1.79E-05	0.00E+00	4.42E-04	5.39E-05	1.49E-07	1.20E-07	2.69E-07
Barium	Project	ABOR	Toddler	9.80E-04	7.73E-08	5.38E-05	1.42E-04	3.03E-05	2.76E-06	3.21E-05	1.66E-02	2.48E-05	3.34E-05	6.38E-08	1.24E-07	3.58E-05	5.27E-05	3.16E-05	0.00E+00	1.80E-02	1.09E-03	2.97E-07	5.15E-06	5.45E-06
Barium	Project	ABOR	Adolescent	2.45E-04	1.45E-07	9.63E-05	3.00E-04	6.34E-05	2.76E-06	3.21E-05	3.31E-02	4.33E-05	6.81E-05	6.38E-08	3.73E-07	2.58E-05	9.80E-05	8.82E-05	0.00E+00	3.42E-02	5.73E-04	2.05E-08	2.84E-06	2.86E-06
Barium	Project	ABOR	Child	2.45E-04	1.35E-07	7.87E-05	2.70E-04	4.41E-05	2.76E-06	3.21E-05	2.80E-02	3.71E-05	4.90E-05	6.38E-08	2.48E-07	3.83E-05	7.23E-05	5.57E-05	0.00E+00	2.90E-02	8.80E-04	3.72E-08	4.36E-06	4.40E-06
Barium	Project	ABOR	Adult	2.45E-04	1.55E-07	1.10E-04	3.30E-04	5.24E-05	2.76E-06	3.21E-05	3.31E-02	4.95E-05	1.06E-04	1.28E-07	4.97E-07	2.72E-05	1.09E-04	1.01E-04	0.00E+00	3.43E-02	4.85E-04	1.73E-08	2.41E-06	2.42E-06
Barium	Project	URBN	Infant	4.21E-04	3.52E-08	9.94E-05	1.29E-06	3.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-06	6.74E-05	3.08E-05	0.00E+00	6.60E-04	8.05E-05	2.57E-07	1.46E-07	4.03E-07
Barium	Project	URBN	Toddler	1.69E-03	1.33E-07	9.25E-05	5.15E-05	5.21E-05	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-05	9.06E-05	5.43E-05	0.00E+00	1.61E-02	9.74E-04	5.11E-07	4.36E-06	4.87E-06
Barium	Project	URBN	Adolescent	4.21E-04	2.50E-07	1.66E-04	7.22E-05	1.09E-04	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05	1.69E-04	1.52E-04	0.00E+00	1.51E-02	2.53E-04	3.53E-08	1.23E-06	1.27E-06
Barium	Project	URBN	Child	4.21E-04	2.32E-07	1.35E-04	8.89E-05	7.58E-05	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-05	1.24E-04	9.58E-05	0.00E+00	1.50E-02	4.56E-04	6.40E-08	2.21E-06	2.28E-06
Barium	Project	URBN	Adult	4.21E-04	2.66E-07	1.89E-04	5.93E-05	9.00E-05	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-05	1.87E-04	1.73E-04	0.00E+00	1.52E-02	2.14E-04	2.98E-08	1.04E-06	1.07E-06
Barium	Future	ABOR	Infant	2.27E-04	1.90E-08	5.36E-05	2.08E-05	2.04E-05	2.55E-06	2.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-06	3.63E-05	1.66E-05	0.00E+00	4.09E-04	4.98E-05	1.38E-07	1.11E-07	2.49E-07
Barium	Future	ABOR	Toddler	9.08E-04	7.16E-08	4.98E-05	1.32E-04	2.81E-05	2.55E-06	2.98E-05	1.55E-02	2.29E-05	2.93E-05	5.60E-08	1.09E-07	2.41E-05	4.88E-05	2.93E-05	0.00E+00	1.68E-02	1.02E-03	2.75E-07	4.82E-06	5.10E-06
Barium	Future	ABOR	Adolescent	2.27E-04	1.35E-07	8.93E-05	2.78E-04	5.87E-05	2.55E-06	2.98E-05	3.10E-02	4.02E-05	5.98E-05	5.60E-08	3.27E-07	1.74E-05	9.08E-05	8.17E-05	0.00E+00	3.20E-02	5.36E-04	1.90E-08	2.66E-06	2.68E-06
Barium	Future	ABOR	Child	2.27E-04	1.25E-07	7.29E-05	2.50E-04	4.09E-05	2.55E-06	2.98E-05	2.63E-02	3.44E-05	4.31E-05	5.60E-08	2.18E-07	2.58E-05	6.70E-05	5.16E-05	0.00E+00	2.71E-02	8.24E-04	3.45E-08	4.08E-06	4.12E-06
Barium	Future	ABOR	Adult	2.27E-04	1.43E-07	1.02E-04	3.05E-04	4.85E-05	2.55E-06	2.98E-05	3.10E-02	4.59E-05	9.27E-05	1.12E-07	4.36E-07	1.83E-05	1.01E-04	9.33E-05	0.00E+00	3.21E-02	4.54E-04	1.61E-08	2.25E-06	2.27E-06
Barium	Future	URBN	Infant	3.96E-04	3.31E-08	9.34E-05	1.21E-06	3.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.33E-05	2.89E-05	0.00E+00	6.20E-04	7.56E-05	2.41E-07	1.37E-07	3.78E-07
Barium	Future	URBN	Toddler	1.58E-03	1.25E-07	8.69E-05	4.84E-05	4.90E-05	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	8.51E-05	5.10E-05	0.00E+00	1.51E-02	9.12E-04	4.80E-07	4.08E-06	4.56E-06
Barium	Future	URBN	Adolescent	3.96E-04	2.35E-07	1.56E-04	6.78E-05	1.02E-04	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	1.58E-04	1.42E-04	0.00E+00	1.42E-02	2.37E-04	3.31E-08	1.15E-06	1.19E-06
Barium	Future	URBN	Child	3.96E-04	2.18E-07	1.27E-04	8.35E-05	7.12E-05	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05	1.17E-04	9.00E-05	0.00E+00	1.40E-02	4.27E-04	6.01E-08	2.07E-06	2.13E-06
Barium	Future	URBN	Adult	3.96E-04	2.50E-07	1.78E-04	5.57E-05	8.46E-05	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	1.76E-04	1.63E-04	0.00E+00	1.42E-02	2.01E-04	2.80E-08	9.76E-07	1.00E-06
Benzo(a)anthracene	Baseline	ABOR	Infant	2.60E-08	2.18E-12	3.90E-07	1.52E-07	1.25E-06	1.56E-07	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	6.25E-09	2.85E-09	1.52E-06	5.99E-06	7.31E-07	2.27E-06	5.20E-04	5.22E-04
Benzo(a)anthracene	Baseline	ABOR	Toddler	1.04E-07	8.21E-12	3.63E-07	9.63E-07	1.71E-06	1.56E-07	2.17E-07	9.24E-07	2.16E-07	4.94E-08	1.76E-10	1.33E-10	3.91E-06	8.39E-09	5.04E-09	0.00E+00	8.63E-06	5.23E-07	4.51E-06	3.69E-04	3.73E-04
Benzo(a)anthracene	Baseline	ABOR	Adolescent	2.60E-08	1.54E-11	6.51E-07	2.03E-06	3.59E-06	1.56E-07	2.17E-07	1.85E-06	3.77E-07	1.01E-07	1.76E-10	3.98E-10	9.74E-06	1.56E-08	1.41E-08	0.00E+00	1.88E-05	3.14E-07	3.11E-07	2.24E-04	2.24E-04
Benzo(a)anthracene	Baseline	ABOR	Child	2.60E-08	1.43E-11	5.32E-07	1.82E-06	2.49E-06	1.56E-07	2.17E-07	1.56E-06	3.23E-07	7.26E-08	1.76E-10	2.65E-10	6.42E-06	1.15E-08	8.88E-09	0.00E+00	1.37E-05	1.15E-07	5.65E-07	2.96E-04	2.96E-04
Benzo(a)anthracene	Baseline	ABOR	Adult	2.60E-08	1.64E-11	7.43E-07	2.23E-06	2.96E-06	1.56E-07	2.17E-07	1.85E-06	4.31E-07	1.56E-07	3.53E-10	5.30E-10	1.11E-05	1.74E-08	1.60E-08	0.00E+00	1.99E-05	2.82E-07	2.63E-07	2.01E-04	2.01E-04
Benzo(a)anthracene	Baseline	URBN	Infant	3.36E-08	2.81E-12	5.04E-07	6.55E-09	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	8.07E-09	3.68E-09	1.30E-06	5.74E-06	7.00E-07	2.93E-06	4.97E-04	5.00E-04
Benzo(a)anthracene	Baseline	URBN	Toddler	1.34E-07	1.06E-11	4.69E-07	2.62E-07	2.21E-06	0.00E+00	0.00E+00	7.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-06	1.08E-08	6.50E-09	0.00E+00	7.79E-06	4.72E-07	5.82E-06	3.31E-04	3.37E-04
Benzo(a)anthracene	Baseline	URBN	Adolescent	3.36E-08	1.99E-11	8.41E-07	3.67E-0																	

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Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total	
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Benzo(a)anthracene	Application	URBN	Child	1.91E-07	1.05E-10	3.90E-06	2.57E-06	1.83E-05	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05	8.45E-08	6.52E-08	0.00E+00	4.83E-05	1.47E-06	4.15E-06	1.04E-03	1.05E-03
Benzo(a)anthracene	Application	URBN	Adult	1.91E-07	1.20E-10	5.45E-06	1.71E-06	2.17E-05	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-05	1.28E-07	1.18E-07	0.00E+00	6.62E-05	9.37E-07	1.93E-06	6.67E-04	6.69E-04
Benzo(a)anthracene	Cumulative	ABOR	Infant	1.06E-07	8.88E-12	1.59E-06	6.20E-07	5.09E-06	6.36E-07	8.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-06	2.55E-08	1.16E-08	4.92E-06	1.93E-05	2.35E-06	9.25E-06	1.67E-03	1.68E-03
Benzo(a)anthracene	Cumulative	ABOR	Toddler	4.25E-07	3.35E-11	1.48E-06	3.93E-06	7.00E-06	6.36E-07	8.85E-07	4.83E-06	8.79E-07	2.46E-07	8.79E-10	6.60E-10	9.24E-06	3.42E-08	2.05E-08	0.00E+00	2.96E-05	1.79E-06	1.84E-05	1.26E-03	1.28E-03	
Benzo(a)anthracene	Cumulative	ABOR	Adolescent	1.06E-07	6.30E-11	2.66E-06	8.27E-06	1.46E-05	6.36E-07	8.85E-07	9.65E-06	1.54E-06	5.02E-07	8.79E-10	1.98E-09	2.30E-05	6.37E-08	5.73E-08	0.00E+00	6.20E-05	1.04E-06	1.27E-06	7.41E-04	7.42E-04	
Benzo(a)anthracene	Cumulative	ABOR	Child	1.06E-07	5.85E-11	2.17E-06	7.45E-06	1.02E-05	6.36E-07	8.85E-07	8.17E-06	1.32E-06	3.62E-07	8.79E-10	1.32E-09	1.52E-05	4.70E-08	3.62E-08	0.00E+00	4.65E-05	1.41E-06	2.31E-06	1.01E-03	1.01E-03	
Benzo(a)anthracene	Cumulative	ABOR	Adult	1.06E-07	6.70E-11	3.03E-06	9.10E-06	1.21E-05	6.36E-07	8.85E-07	9.65E-06	1.76E-06	7.78E-07	1.76E-09	2.64E-09	2.62E-05	7.09E-08	6.55E-08	0.00E+00	6.44E-05	9.11E-07	1.07E-06	6.50E-04	6.51E-04	
Benzo(a)anthracene	Cumulative	URBN	Infant	1.82E-07	1.52E-11	2.73E-06	3.54E-08	8.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-06	4.37E-08	1.99E-08	4.45E-06	2.15E-05	2.63E-06	1.58E-05	1.86E-03	1.88E-03	
Benzo(a)anthracene	Cumulative	URBN	Toddler	7.28E-07	5.74E-11	2.54E-06	1.42E-06	1.20E-05	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-06	5.87E-08	3.52E-08	0.00E+00	3.01E-05	1.82E-06	3.15E-05	1.27E-03	1.30E-03	
Benzo(a)anthracene	Cumulative	URBN	Adolescent	1.82E-07	1.08E-10	4.55E-06	1.98E-06	2.51E-05	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05	1.09E-07	9.82E-08	0.00E+00	5.91E-05	9.90E-07	2.18E-06	7.05E-04	7.07E-04	
Benzo(a)anthracene	Cumulative	URBN	Child	1.82E-07	1.00E-10	3.71E-06	2.44E-06	1.74E-05	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	8.05E-08	6.21E-08	0.00E+00	4.32E-05	1.31E-06	3.95E-06	9.34E-04	9.38E-04	
Benzo(a)anthracene	Cumulative	URBN	Adult	1.82E-07	1.15E-10	5.19E-06	1.63E-06	2.07E-05	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-05	1.21E-07	1.12E-07	0.00E+00	5.83E-05	8.24E-07	1.84E-06	5.87E-04	5.89E-04	
Benzo(a)anthracene	Project	ABOR	Infant	9.18E-08	7.68E-12	1.38E-06	5.36E-07	4.40E-06	5.50E-07	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-06	1.01E-08	4.19E-06	1.64E-05	2.00E-06	8.00E-06	1.42E-03	1.43E-03		
Benzo(a)anthracene	Project	ABOR	Toddler	3.67E-07	2.90E-11	1.28E-06	3.40E-06	6.05E-06	5.50E-07	7.65E-07	4.17E-06	7.60E-07	2.29E-07	8.19E-10	6.15E-10	7.68E-06	2.96E-08	1.78E-08	0.00E+00	2.53E-05	1.53E-06	1.59E-05	1.08E-03	1.09E-03	
Benzo(a)anthracene	Project	ABOR	Adolescent	9.18E-08	5.44E-11	2.30E-06	7.15E-06	1.26E-05	5.50E-07	7.65E-07	8.33E-06	1.33E-06	4.68E-07	8.19E-10	1.85E-09	1.91E-05	5.51E-08	4.96E-08	0.00E+00	5.29E-05	8.86E-07	1.10E-06	6.32E-04	6.33E-04	
Benzo(a)anthracene	Project	ABOR	Child	9.18E-08	5.06E-11	1.87E-06	6.44E-06	8.80E-06	5.50E-07	7.65E-07	7.05E-06	1.14E-06	3.37E-07	8.19E-10	1.23E-09	1.26E-05	4.06E-08	3.13E-08	0.00E+00	3.97E-05	1.21E-06	1.99E-06	8.61E-04	8.63E-04	
Benzo(a)anthracene	Project	ABOR	Adult	9.18E-08	5.79E-11	2.62E-06	7.87E-06	1.04E-05	5.50E-07	7.65E-07	8.33E-06	1.52E-06	7.25E-07	1.64E-09	2.46E-09	2.18E-05	6.13E-08	5.66E-08	0.00E+00	5.49E-05	7.76E-07	9.28E-07	5.53E-04	5.54E-04	
Benzo(a)anthracene	Project	URBN	Infant	1.58E-07	1.32E-11	2.37E-06	3.07E-08	7.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-06	3.79E-08	1.73E-08	3.79E-06	1.84E-05	2.25E-06	1.38E-05	1.59E-03	1.61E-03	
Benzo(a)anthracene	Project	URBN	Toddler	6.32E-07	4.98E-11	2.20E-06	1.23E-06	1.04E-05	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-06	5.09E-08	3.05E-08	0.00E+00	2.58E-05	1.56E-06	2.73E-05	1.09E-03	1.11E-03	
Benzo(a)anthracene	Project	URBN	Adolescent	1.58E-07	9.36E-11	3.95E-06	1.72E-06	2.17E-05	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05	9.47E-08	8.53E-08	0.00E+00	5.04E-05	8.45E-07	1.89E-06	6.01E-04	6.03E-04	
Benzo(a)anthracene	Project	URBN	Child	1.58E-07	8.70E-11	3.22E-06	2.12E-06	1.51E-05	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-05	6.99E-08	5.39E-08	0.00E+00	3.69E-05	1.12E-06	3.43E-06	7.98E-04	8.01E-04	
Benzo(a)anthracene	Project	URBN	Adult	1.58E-07	9.96E-11	4.51E-06	1.41E-06	1.80E-05	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-05	1.05E-07	9.73E-08	0.00E+00	4.96E-05	7.01E-07	1.60E-06	4.99E-04	5.01E-04	
Benzo(a)anthracene	Future	ABOR	Infant	8.51E-08	7.11E-12	1.28E-06	4.97E-07	4.08E-06	5.09E-07	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-06	2.04E-08	9.31E-09	3.50E-06	1.38E-05	1.68E-06	7.41E-06	1.19E-03	1.20E-03	
Benzo(a)anthracene	Future	ABOR	Toddler	3.40E-07	2.68E-11	1.19E-06	3.15E-06	5.60E-06	5.09E-07	7.09E-07	3.90E-06	7.04E-07	1.97E-07	7.02E-10	5.27E-10	5.33E-06	2.74E-08	1.65E-08	0.00E+00	5.00E-05	1.31E-06	1.47E-05	9.24E-04	9.38E-04	
Benzo(a)anthracene	Future	ABOR	Adolescent	8.51E-08	5.04E-11	2.13E-06	6.63E-06	1.17E-05	5.09E-07	7.09E-07	7.81E-06	1.23E-06	4.01E-07	7.02E-10	1.58E-09	1.33E-05	5.10E-08	4.59E-08	0.00E+00	4.46E-05	7.47E-07	1.02E-06	5.33E-04	5.34E-04	
Benzo(a)anthracene	Future	ABOR	Child	8.51E-08	4.69E-11	1.74E-06	5.96E-06	8.15E-06	5.09E-07	7.09E-07	6.61E-06	1.06E-06	2.89E-07	7.02E-10	1.05E-09	8.76E-06	3.76E-08	2.90E-08	0.00E+00	3.39E-05	1.03E-06	1.85E-06	7.35E-04	7.37E-04	
Benzo(a)anthracene	Future	ABOR	Adult	8.51E-08	5.37E-11	2.43E-06	7.29E-06	9.68E-06	5.09E-07	7.09E-07	7.81E-06	1.41E-06	6.22E-07	1.40E-09	2.11E-09	1.51E-05	5.68E-08	5.24E-08	0.00E+00	4.58E-05	6.48E-07	8.59E-07	4.62E-04	4.63E-04	
Benzo(a)anthracene	Future	URBN	Infant	1.48E-07	1.24E-11	2.22E-06	2.89E-08	7.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-06	1.58E-05	1.62E-08	3.15E-06	1.58E-05	1.93E-06	1.29E-05	1.36E-03	1.38E-03	
Benzo(a)anthracene	Future	URBN	Toddler	5.93E-07	4.68E-11	2.07E-06	1.16E-06	9.77E-06	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-06	4.78E-08	2.87E-08	0.00E+00	2.23E-05	1.35E-06	2.57E-05	9.39E-04	9.65E-04	
Benzo(a)anthracene	Future	URBN	Adolescent	1.48E-07	8.79E-11	3.71E-06	1.62E-06	2.04E-05	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05	8.90E-08	8.01E-08	0.00E+00	4.27E-05	7.15E-07	1.77E-06	5.09E-04	5.10E-04	
Benzo(a)anthracene	Future	URBN	Child	1.48E-07	8.17E-11	3.03E-06	1.99E-06	1.42E-05	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-06	6.56E-08	5.06E-08	0.00E+00	3.16E-05	9.59E-07	3.22E-06	6.82E-04	6.85E-04	
Benzo(a)anthracene	Future	URBN	Adult	1.48E-07	9.35E-11	4.23E-06	1.33E-06	1.69E-05	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05	9.90E-08	9.14E-08	0.00E+00	4.12E-05	5.83E-07	1.50E-06	4.15E-04	4.16E-04	
Benzo(a)pyrene	Baseline	ABOR	Infant	2.99E-08	2.50E-12	1.99E-07	7.88E-08	6.92E-07	8.66E-08	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-07	7.17E-09	3.27E-09	1.77E-06	3.80E-06	4.64E-07	2.60E-06	3.29E-04	3.31E-04	
Benzo(a)pyrene	Baseline	ABOR	Toddler	1.19E-07	9.42E-12	1.85E-07	4.99E-07	9.52E-07	8.66E-08	1.10E-07	1.03E-06	1.09E-07	3.89E-08	1.40E-10	1.05E-10	1.42E-06	9.63E-09	5.78E-09	0.00E+00	4.56E-06	2.76E-07	5.17E-06	1.92E-04	1.97E-04	
Benzo(a)pyrene	Baseline	ABOR	Adolescent	2.99E-08	1.77E-11	3.31E-07	1.05E-06	1.99E-06	8.66E-08	1.10E-07	2.05E-06	1.91E-07	7.94E-08	1.40E-10	3.15E-10	3.54E-06	1.79E-08	1.61E-08	0.00E+00	9.50E-06	1.59E-07	3.57E-07	1.13E-04	1.14E-04	
Benzo(a)pyrene	Baseline	ABOR	Child	2.99E-08	1.65E-11	2.70E-07	9.46E-07	1.38E-06	8.66E-08	1.10E-07	1.74E-06	1.64E-07	5.72E-08	1.40E-10	2.10E-10	2.33E-06	1.32E-08	1.02E-08	0.00E+00	7.14E-06	2.17E-07	6.48E-07	1.54E-04	1.55E-04	
Benzo(a)pyrene	Baseline	ABOR	Adult	2.99E-08	1.88E-11	3.78E-07	1.16E-06	1.64E-06	8.66E-08	1.10E-07	2.05E-06	2.19E-07	1.23E-07	2.81E-10	4.19E-10	4.04E-06	1.99E-08	1.84E-08	0.00E+00	9.87E-06	1.40E-07	3.02E-07	9.95E-05	9.98E-05	
Benzo(a)pyrene	Baseline	URBN	Infant	3.86E-08	3.22E-12	2.57E-07	3.39E-09	8.94E-07	0.00E+00																

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Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total			
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI			
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless			
Benzo(a)pyrene	Application	ABOR	Adult	1.32E-07	8.34E-11	1.67E-06	5.12E-06	7.28E-06	3.83E-07	4.89E-07	1.13E-05	9.68E-07	6.25E-07	1.42E-09	2.13E-09	1.29E-05	8.82E-08	8.15E-08	0.00E+00	4.11E-05	5.81E-07	1.34E-06	4.14E-04	4.15E-04
Benzo(a)pyrene	Application	URBN	Infant	2.20E-07	1.84E-11	1.46E-06	1.93E-08	5.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-06	5.27E-08	2.41E-08	6.09E-06	1.56E-05	1.90E-06	1.91E-05	1.34E-03	1.36E-03
Benzo(a)pyrene	Application	URBN	Toddler	8.79E-07	6.93E-11	1.36E-06	7.73E-07	7.01E-06	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-06	7.08E-08	4.25E-08	0.00E+00	1.95E-05	1.18E-06	3.80E-05	8.04E-04	8.42E-04
Benzo(a)pyrene	Application	URBN	Adolescent	2.20E-07	1.30E-10	2.44E-06	1.08E-06	1.46E-05	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-05	1.32E-07	1.19E-07	0.00E+00	3.48E-05	5.82E-07	2.63E-06	4.13E-04	4.16E-04
Benzo(a)pyrene	Application	URBN	Child	2.20E-07	1.21E-10	1.99E-06	1.33E-06	1.02E-05	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-06	9.72E-08	7.50E-08	0.00E+00	2.62E-05	7.95E-07	4.77E-06	5.63E-04	5.68E-04
Benzo(a)pyrene	Application	URBN	Adult	2.20E-07	1.39E-10	2.78E-06	8.89E-07	1.21E-05	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05	1.47E-07	1.35E-07	0.00E+00	3.40E-05	4.81E-07	2.22E-06	3.41E-04	3.44E-04
Benzo(a)pyrene	Cumulative	ABOR	Infant	1.22E-07	1.02E-11	8.11E-07	3.22E-07	2.83E-06	3.53E-07	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06	2.92E-08	1.33E-08	6.66E-06	1.38E-05	1.68E-06	1.06E-05	1.19E-03	1.20E-03
Benzo(a)pyrene	Cumulative	ABOR	Toddler	4.87E-07	3.84E-11	7.54E-07	2.04E-06	3.88E-06	3.53E-07	4.50E-07	5.36E-06	4.46E-07	1.94E-07	6.99E-10	5.22E-10	3.81E-06	3.93E-08	2.36E-08	0.00E+00	1.78E-05	1.08E-06	2.11E-05	7.51E-04	7.73E-04
Benzo(a)pyrene	Cumulative	ABOR	Adolescent	1.22E-07	7.22E-11	1.35E-06	4.29E-06	8.12E-06	3.53E-07	4.50E-07	1.07E-05	7.81E-07	3.95E-07	6.99E-10	1.57E-09	9.53E-06	7.31E-08	6.58E-08	0.00E+00	3.63E-05	6.07E-07	1.46E-06	4.32E-04	4.34E-04
Benzo(a)pyrene	Cumulative	ABOR	Child	1.22E-07	6.71E-11	1.10E-06	3.86E-06	5.65E-06	3.53E-07	4.50E-07	9.07E-06	6.69E-07	2.85E-07	6.99E-10	1.04E-09	6.28E-06	5.39E-08	4.16E-08	0.00E+00	2.79E-05	8.49E-07	2.64E-06	6.04E-04	6.07E-04
Benzo(a)pyrene	Cumulative	ABOR	Adult	1.22E-07	7.68E-11	1.54E-06	4.72E-06	6.71E-06	3.53E-07	4.50E-07	1.07E-05	8.93E-07	6.13E-07	1.40E-09	2.09E-09	1.09E-05	8.13E-08	7.51E-08	0.00E+00	3.72E-05	5.25E-07	1.23E-06	3.74E-04	3.75E-04
Benzo(a)pyrene	Cumulative	URBN	Infant	2.09E-07	1.74E-11	1.39E-06	1.84E-08	4.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06	5.01E-08	2.28E-08	5.53E-06	1.43E-05	1.74E-06	1.82E-05	1.23E-03	1.24E-03
Benzo(a)pyrene	Cumulative	URBN	Toddler	8.35E-07	6.58E-11	1.29E-06	7.35E-07	6.65E-06	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-06	6.73E-08	4.04E-08	0.00E+00	1.80E-05	1.09E-06	3.61E-05	7.42E-04	7.78E-04
Benzo(a)pyrene	Cumulative	URBN	Adolescent	2.09E-07	1.24E-10	2.31E-06	1.03E-06	1.39E-05	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-06	1.25E-07	1.13E-07	0.00E+00	3.18E-05	5.32E-07	2.50E-06	3.78E-04	3.80E-04
Benzo(a)pyrene	Cumulative	URBN	Child	2.09E-07	1.15E-10	1.89E-06	1.27E-06	9.68E-06	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-06	9.23E-08	7.12E-08	0.00E+00	2.40E-05	7.30E-07	4.53E-06	5.17E-04	5.22E-04
Benzo(a)pyrene	Cumulative	URBN	Adult	2.09E-07	1.32E-10	2.64E-06	8.45E-07	1.15E-05	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	1.39E-07	1.29E-07	0.00E+00	3.09E-05	4.36E-07	2.11E-06	3.10E-04	3.12E-04
Benzo(a)pyrene	Project	ABOR	Infant	1.05E-07	8.80E-12	7.01E-07	2.78E-07	2.44E-06	3.05E-07	3.89E-07	9.25E-06	6.75E-07	3.69E-07	6.51E-10	1.46E-09	8.15E-06	6.32E-08	5.69E-08	0.00E+00	3.13E-05	5.24E-07	1.26E-06	3.73E-04	3.74E-04
Benzo(a)pyrene	Project	ABOR	Adolescent	1.05E-07	6.24E-11	1.17E-06	3.71E-06	7.02E-06	3.05E-07	3.89E-07	9.25E-06	6.75E-07	3.69E-07	6.51E-10	1.46E-09	8.15E-06	6.32E-08	5.69E-08	0.00E+00	3.13E-05	5.24E-07	1.26E-06	3.73E-04	3.74E-04
Benzo(a)pyrene	Project	ABOR	Child	1.05E-07	5.80E-11	9.54E-07	3.34E-06	4.88E-06	3.05E-07	3.89E-07	7.83E-06	5.79E-07	2.65E-07	6.51E-10	9.73E-10	5.37E-06	4.66E-08	3.59E-08	0.00E+00	2.41E-05	7.33E-07	2.29E-06	5.21E-04	5.23E-04
Benzo(a)pyrene	Project	ABOR	Adult	1.05E-07	6.64E-11	1.33E-06	4.08E-06	5.80E-06	3.05E-07	3.89E-07	9.25E-06	7.72E-07	5.71E-07	1.30E-09	1.95E-09	9.29E-06	7.03E-08	6.49E-08	0.00E+00	3.20E-05	4.53E-07	1.06E-06	3.23E-04	3.24E-04
Benzo(a)pyrene	Project	URBN	Infant	1.81E-07	1.51E-11	1.21E-06	1.59E-08	4.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-06	4.35E-08	1.98E-08	4.77E-06	1.23E-05	1.50E-06	1.58E-05	1.06E-03	1.07E-03
Benzo(a)pyrene	Project	URBN	Toddler	7.24E-07	5.71E-11	1.12E-06	6.38E-07	5.78E-06	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-06	5.84E-08	3.50E-08	0.00E+00	1.55E-05	9.41E-07	3.14E-05	6.41E-04	6.72E-04
Benzo(a)pyrene	Project	URBN	Adolescent	1.81E-07	1.07E-10	2.01E-06	8.93E-07	1.21E-05	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-06	1.09E-07	9.78E-08	0.00E+00	2.74E-05	4.59E-07	2.17E-06	3.26E-04	3.28E-04
Benzo(a)pyrene	Project	URBN	Child	1.81E-07	9.98E-11	1.64E-06	1.10E-06	8.40E-06	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-06	8.01E-08	6.18E-08	0.00E+00	2.07E-05	6.31E-07	3.93E-06	4.46E-04	4.50E-04
Benzo(a)pyrene	Project	URBN	Adult	1.81E-07	1.14E-10	2.29E-06	7.33E-07	9.98E-06	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-06	1.21E-07	1.12E-07	0.00E+00	2.66E-05	3.77E-07	1.83E-06	2.67E-04	2.69E-04
Benzo(a)pyrene	Future	ABOR	Infant	9.76E-08	8.16E-12	6.49E-07	2.58E-07	2.26E-06	2.83E-07	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-06	2.34E-08	1.07E-08	5.01E-06	1.04E-05	1.26E-06	8.50E-06	8.93E-04	9.02E-04
Benzo(a)pyrene	Future	ABOR	Toddler	3.90E-07	3.08E-11	6.04E-07	1.63E-06	3.11E-06	2.83E-07	3.61E-07	4.33E-06	3.57E-07	1.55E-07	5.59E-10	4.17E-10	2.40E-06	3.15E-08	1.89E-08	0.00E+00	1.37E-05	8.29E-07	1.69E-05	5.75E-04	5.92E-04
Benzo(a)pyrene	Future	ABOR	Adolescent	9.76E-08	5.78E-11	1.08E-06	3.44E-06	6.51E-06	2.83E-07	3.61E-07	8.67E-06	6.25E-07	3.16E-07	5.59E-10	1.25E-09	5.99E-06	5.85E-08	5.27E-08	0.00E+00	2.75E-05	4.60E-07	1.17E-06	3.28E-04	3.29E-04
Benzo(a)pyrene	Future	ABOR	Child	9.76E-08	5.38E-11	8.84E-07	3.09E-06	4.53E-06	2.83E-07	3.61E-07	7.34E-06	5.36E-07	2.28E-07	5.59E-10	8.35E-10	3.95E-06	4.32E-08	3.33E-08	0.00E+00	2.14E-05	6.49E-07	2.12E-06	4.62E-04	4.64E-04
Benzo(a)pyrene	Future	ABOR	Adult	9.76E-08	6.15E-11	1.24E-06	3.78E-06	5.37E-06	2.83E-07	3.61E-07	8.67E-06	7.15E-07	4.90E-07	1.12E-09	1.67E-09	6.83E-06	6.51E-08	6.01E-08	0.00E+00	2.80E-05	3.96E-07	9.86E-07	2.82E-04	2.83E-04
Benzo(a)pyrene	Future	URBN	Infant	1.70E-07	1.42E-11	1.13E-06	1.50E-08	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-06	4.08E-08	1.86E-08	4.14E-06	1.09E-05	1.32E-06	1.48E-05	9.31E-04	9.46E-04
Benzo(a)pyrene	Future	URBN	Toddler	6.80E-07	5.36E-11	1.05E-06	5.99E-07	5.42E-06	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-06	5.49E-08	3.29E-08	0.00E+00	1.39E-05	8.43E-07	2.95E-05	5.73E-04	6.02E-04
Benzo(a)pyrene	Future	URBN	Adolescent	1.70E-07	1.01E-10	1.89E-06	8.38E-07	1.13E-05	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-06	1.02E-07	9.19E-08	0.00E+00	2.41E-05	4.04E-07	2.04E-06	2.86E-04	2.88E-04
Benzo(a)pyrene	Future	URBN	Child	1.70E-07	9.37E-11	1.54E-06	1.03E-06	7.89E-06	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-06	7.53E-08	5.80E-08	0.00E+00	1.84E-05	5.59E-07	3.69E-06	3.95E-04	3.99E-04
Benzo(a)pyrene	Future	URBN	Adult	1.70E-07	1.07E-10	2.15E-06	6.89E-07	9.37E-06	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-06	1.14E-07	1.05E-07	0.00E+00	2.31E-05	3.27E-07	1.72E-06	2.32E-04	2.33E-04
Benzo(b)fluoranthene	Baseline	ABOR	Infant	3.81E-09	3.18E-13	1.12E-07	4.67E-08	4.75E-08	5.93E-09	6.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-07	9.14E-10	4.17E-10	2.53E-07	8.45E-07	1.03E-07	3.32E-07	7.32E-05	7.36E-05
Benzo(b)fluoranthene	Baseline	ABOR	Toddler	1.52E-08	1.20E-12	1.04E-07	2.96E-07	6.53E-08	5.93E-09	6.23E-08	1.35E-07	6.21E-08	4.98E-08	1.74E-10	1.32E-10	5.38E-07	1.23E-09	7.37E-10	0.00E+00	1.34E-06	8.10E-08	6.59E-07	5.72E-05	5.79E-05
Benzo(b)fluoranthene	Baseline	ABOR	Adolescent	3.81E-09	2.26E-12	1.87E-07	6.23E-07	1.87E-07	5.93E-09	6.23E-08	2.70E-07	1.09E-07	1.02E-											

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total	
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Benzo(b)fluoranthene	Application	ABOR	Infant	1.68E-08	1.41E-12	4.96E-07	2.07E-07	2.10E-07	2.62E-08	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-07	4.04E-09	1.84E-09	9.61E-07	3.09E-06	3.77E-07	1.47E-06	2.68E-04	2.69E-04
Benzo(b)fluoranthene	Application	ABOR	Toddler	6.73E-08	5.31E-12	4.61E-07	1.31E-06	2.89E-07	2.62E-08	2.75E-07	7.43E-07	2.75E-07	2.53E-07	8.86E-10	6.72E-10	1.54E-06	5.43E-09	3.26E-09	0.00E+00	5.25E-06	3.18E-07	2.24E-04	2.27E-04	2.27E-04	2.27E-04
Benzo(b)fluoranthene	Application	ABOR	Adolescent	1.68E-08	9.98E-12	8.26E-07	2.75E-06	6.03E-07	2.62E-08	2.75E-07	1.49E-06	4.80E-07	5.17E-07	8.86E-10	2.02E-09	3.83E-06	1.01E-08	9.09E-09	0.00E+00	1.08E-05	1.82E-07	2.01E-07	1.29E-04	1.30E-04	1.30E-04
Benzo(b)fluoranthene	Application	ABOR	Child	1.68E-08	9.27E-12	6.75E-07	2.48E-06	4.20E-07	2.62E-08	2.75E-07	1.26E-06	4.12E-07	3.72E-07	8.86E-10	1.34E-09	2.53E-06	7.45E-09	5.74E-09	0.00E+00	8.48E-06	2.58E-07	3.65E-07	1.84E-04	1.84E-04	1.84E-04
Benzo(b)fluoranthene	Application	ABOR	Adult	1.68E-08	1.06E-11	9.43E-07	3.03E-06	4.98E-07	2.62E-08	2.75E-07	1.49E-06	5.49E-07	8.02E-07	1.77E-09	2.69E-09	4.36E-06	1.12E-08	1.04E-08	0.00E+00	1.20E-05	1.70E-07	1.70E-07	1.21E-04	1.21E-04	1.21E-04
Benzo(b)fluoranthene	Application	URBN	Infant	2.80E-08	2.34E-12	8.25E-07	1.15E-08	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-07	3.07E-09	6.39E-07	2.75E-06	3.36E-07	2.44E-06	2.37E-04	2.40E-04	2.40E-04	
Benzo(b)fluoranthene	Application	URBN	Toddler	1.12E-07	8.83E-12	7.68E-07	4.58E-07	4.80E-07	0.00E+00	0.00E+00	6.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-06	9.03E-09	5.42E-09	0.00E+00	4.00E-06	2.43E-07	4.85E-06	1.68E-04	1.73E-04	1.73E-04
Benzo(b)fluoranthene	Application	URBN	Adolescent	2.80E-08	1.66E-11	1.37E-06	6.41E-07	1.00E-06	0.00E+00	0.00E+00	6.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-06	1.68E-08	1.51E-08	0.00E+00	7.54E-06	1.26E-07	3.35E-07	8.98E-05	9.02E-05	9.02E-05
Benzo(b)fluoranthene	Application	URBN	Child	2.80E-08	1.54E-11	1.12E-06	7.90E-07	6.98E-07	0.00E+00	0.00E+00	6.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-06	1.24E-08	9.56E-09	0.00E+00	5.82E-06	1.77E-07	6.08E-07	1.26E-04	1.26E-04	1.26E-04
Benzo(b)fluoranthene	Application	URBN	Adult	2.80E-08	1.77E-11	1.57E-06	5.27E-07	8.29E-07	0.00E+00	0.00E+00	6.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-06	1.87E-08	1.73E-08	0.00E+00	7.98E-06	1.13E-07	2.83E-07	8.04E-05	8.06E-05	8.06E-05
Benzo(b)fluoranthene	Cumulative	ABOR	Infant	1.55E-08	1.30E-12	4.58E-07	1.91E-07	1.94E-07	2.42E-08	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-07	3.73E-09	1.70E-09	8.49E-07	2.70E-06	3.29E-07	1.35E-06	2.34E-04	2.35E-04	2.35E-04
Benzo(b)fluoranthene	Cumulative	ABOR	Toddler	6.21E-08	4.90E-12	4.26E-07	1.21E-06	2.66E-07	2.42E-08	2.54E-07	7.05E-07	2.53E-07	2.47E-07	8.65E-10	6.57E-10	1.22E-06	5.01E-09	3.01E-09	0.00E+00	4.68E-06	2.84E-07	2.69E-06	2.00E-04	2.03E-04	2.03E-04
Benzo(b)fluoranthene	Cumulative	ABOR	Adolescent	1.55E-08	9.21E-12	7.63E-07	2.54E-06	5.57E-07	2.42E-08	2.54E-07	1.41E-06	4.43E-07	5.05E-07	8.65E-10	1.97E-09	3.04E-06	9.32E-09	8.39E-09	0.00E+00	9.57E-06	1.60E-07	1.86E-07	1.14E-04	1.15E-04	1.15E-04
Benzo(b)fluoranthene	Cumulative	ABOR	Child	1.55E-08	8.56E-12	6.23E-07	2.29E-06	3.87E-07	2.42E-08	2.54E-07	1.19E-06	3.80E-07	3.64E-07	8.65E-10	1.31E-09	2.01E-06	6.87E-09	5.30E-09	0.00E+00	7.55E-06	2.29E-07	3.37E-07	1.64E-04	1.64E-04	1.64E-04
Benzo(b)fluoranthene	Cumulative	ABOR	Adult	1.55E-08	9.80E-12	8.71E-07	2.80E-06	4.60E-07	2.42E-08	2.54E-07	1.41E-06	5.07E-07	7.83E-07	1.73E-09	2.63E-09	3.46E-06	1.04E-08	9.58E-09	0.00E+00	1.06E-05	1.50E-07	1.57E-07	1.07E-04	1.07E-04	1.07E-04
Benzo(b)fluoranthene	Cumulative	URBN	Infant	2.66E-08	2.22E-12	7.84E-07	1.09E-08	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-07	6.38E-09	2.91E-09	5.52E-07	2.42E-06	2.95E-07	2.32E-06	2.09E-04	2.11E-04	2.11E-04
Benzo(b)fluoranthene	Cumulative	URBN	Toddler	1.06E-07	8.39E-12	7.29E-07	4.35E-07	4.56E-07	0.00E+00	0.00E+00	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-06	8.58E-09	5.15E-09	0.00E+00	3.56E-06	2.16E-07	4.61E-06	1.50E-04	1.54E-04	1.54E-04
Benzo(b)fluoranthene	Cumulative	URBN	Adolescent	2.66E-08	1.58E-11	1.31E-06	6.09E-07	9.54E-07	0.00E+00	0.00E+00	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-06	1.60E-08	1.44E-08	0.00E+00	6.56E-06	1.10E-07	3.18E-07	7.82E-05	7.85E-05	7.85E-05
Benzo(b)fluoranthene	Cumulative	URBN	Child	2.66E-08	1.47E-11	1.07E-06	7.51E-07	6.63E-07	0.00E+00	0.00E+00	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-06	1.18E-08	9.08E-09	0.00E+00	5.13E-06	1.56E-07	5.78E-07	1.11E-04	1.11E-04	1.11E-04
Benzo(b)fluoranthene	Cumulative	URBN	Adult	2.66E-08	1.68E-11	1.49E-06	5.01E-07	7.88E-07	0.00E+00	0.00E+00	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-06	1.78E-08	1.64E-08	0.00E+00	6.90E-06	9.76E-08	2.69E-07	6.94E-05	6.97E-05	6.97E-05
Benzo(b)fluoranthene	Project	ABOR	Infant	1.34E-08	1.12E-12	3.96E-07	1.65E-07	1.67E-07	2.09E-08	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-07	3.22E-09	1.47E-09	7.26E-07	2.30E-06	2.80E-07	1.17E-06	1.99E-04	2.00E-04	2.00E-04
Benzo(b)fluoranthene	Project	ABOR	Toddler	5.37E-08	4.23E-12	3.68E-07	1.04E-06	2.30E-07	2.09E-08	2.20E-07	6.08E-07	2.19E-07	2.31E-07	8.09E-10	6.14E-10	1.01E-06	4.33E-09	2.60E-09	0.00E+00	4.01E-06	2.43E-07	2.33E-06	1.71E-04	1.74E-04	1.74E-04
Benzo(b)fluoranthene	Project	ABOR	Adolescent	1.34E-08	7.96E-12	6.59E-07	2.20E-06	4.81E-07	2.09E-08	2.20E-07	1.22E-06	3.83E-07	4.72E-07	8.09E-10	1.84E-09	2.50E-06	8.06E-09	7.25E-09	0.00E+00	8.18E-06	1.37E-07	1.61E-07	9.77E-05	9.79E-05	9.79E-05
Benzo(b)fluoranthene	Project	ABOR	Child	1.34E-08	7.40E-12	5.38E-07	1.98E-06	3.35E-07	2.09E-08	2.20E-07	1.03E-06	3.29E-07	3.40E-07	8.09E-10	1.23E-09	1.65E-06	5.94E-09	4.58E-09	0.00E+00	6.47E-06	1.97E-07	2.92E-07	1.40E-04	1.40E-04	1.40E-04
Benzo(b)fluoranthene	Project	ABOR	Adult	1.34E-08	8.47E-12	7.53E-07	2.42E-06	3.98E-07	2.09E-08	2.20E-07	1.22E-06	4.38E-07	7.31E-07	1.62E-09	2.45E-09	2.85E-06	8.96E-09	8.28E-09	0.00E+00	9.08E-06	1.28E-07	1.36E-07	9.16E-05	9.17E-05	9.17E-05
Benzo(b)fluoranthene	Project	URBN	Infant	2.31E-08	1.93E-12	6.80E-07	9.44E-09	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-07	5.54E-09	2.53E-09	4.67E-07	2.06E-06	2.51E-07	2.01E-06	1.77E-04	1.79E-04	1.79E-04
Benzo(b)fluoranthene	Project	URBN	Toddler	9.24E-08	7.28E-12	6.33E-07	3.78E-07	3.96E-07	0.00E+00	0.00E+00	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-06	7.45E-09	4.47E-09	0.00E+00	3.03E-06	1.84E-07	4.00E-06	1.27E-04	1.31E-04	1.31E-04
Benzo(b)fluoranthene	Project	URBN	Adolescent	2.31E-08	1.37E-11	1.13E-06	5.29E-07	8.28E-07	0.00E+00	0.00E+00	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-06	1.39E-08	1.25E-08	0.00E+00	5.56E-06	9.31E-08	2.76E-07	6.62E-05	6.65E-05	6.65E-05
Benzo(b)fluoranthene	Project	URBN	Child	2.31E-08	1.27E-11	9.26E-07	6.52E-07	5.76E-07	0.00E+00	0.00E+00	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-06	1.02E-08	7.88E-09	0.00E+00	4.36E-06	1.33E-07	5.01E-07	9.42E-05	9.47E-05	9.47E-05
Benzo(b)fluoranthene	Project	URBN	Adult	2.31E-08	1.46E-11	1.29E-06	4.34E-07	6.84E-07	0.00E+00	0.00E+00	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-06	1.54E-08	1.42E-08	0.00E+00	5.83E-06	8.25E-08	2.33E-07	5.87E-05	5.89E-05	5.89E-05
Benzo(b)fluoranthene	Future	ABOR	Infant	1.24E-08	1.04E-12	3.66E-07	1.53E-07	1.55E-07	1.94E-08	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-07	2.99E-09	1.36E-09	6.14E-07	1.92E-06	2.35E-07	1.08E-06	1.66E-04	1.68E-04	1.68E-04
Benzo(b)fluoranthene	Future	ABOR	Toddler	4.98E-08	3.92E-12	3.41E-07	9.67E-07	2.13E-07	1.94E-08	2.04E-07	5.70E-07	2.03E-07	1.98E-07	6.91E-10	5.25E-10	6.85E-07	4.01E-09	2.41E-09	0.00E+00	3.46E-06	2.09E-07	2.15E-06	1.47E-04	1.50E-04	1.50E-04
Benzo(b)fluoranthene	Future	ABOR	Adolescent	1.24E-08	7.37E-12	6.11E-07	2.04E-06	4.46E-07	1.94E-08	2.04E-07	1.14E-06	3.55E-07	4.03E-07	6.91E-10	1.57E-09	1.70E-06	7.46E-09	6.72E-09	0.00E+00	6.94E-06	1.16E-07	1.49E-07	8.29E-05	8.31E-05	8.31E-05
Benzo(b)fluoranthene	Future	ABOR	Child	1.24E-08	6.85E-12	4.99E-07	1.83E-06	3.10E-07	1.94E-08	2.04E-07	9.64E-07	3.04E-07	2.90E-07	6.91E-10	1.05E-09	1.12E-06	5.50E-09	4.25E-09	0.00E+00	5.57E-06	1.69E-07	2.70E-07	1.21E-04	1.21E-04	1.21E-04
Benzo(b)fluoranthene	Future	ABOR	Adult	1.24E-08	7.85E-12	6.97E-07	2.24E-06	3.68E-07	1.94E-08	2.04E-07	1.14E-06	4.06E-07	6.25E-07	1.38E-09	2.10E-09	1.94E-06	8.30E-09	7.67E-09	0.00E+00	7.67E-06	1.08E-07	1.26E-07	7.73E-05	7.75E-05	7.75E-05
Benzo(b)fluoranthene	Future	URBN	Infant	2.17E-08	1.81E-12	6.39E-07	8.87E-09	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-07	5.20E-09	2.37E-09	3.79E-07	1.72E-06	2.10E-07				

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																			RQ Soil	RQ Oral	RQ Total
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Benzo(g,h,i)perylene	Baseline	URBN	Toddler	2.02E-07	1.59E-11	5.65E-07	3.29E-07	1.24E-05	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-06	1.63E-08	9.79E-09	0.00E+00	1.73E-05	1.05E-06	8.76E-06	7.40E-04	7.49E-04
Benzo(g,h,i)perylene	Baseline	URBN	Adolescent	5.06E-08	3.00E-11	1.01E-06	4.61E-07	2.59E-05	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-06	3.03E-08	2.73E-08	0.00E+00	3.53E-05	5.92E-07	4.22E-04	4.23E-04	
Benzo(g,h,i)perylene	Baseline	URBN	Child	5.06E-08	2.79E-11	8.26E-07	5.68E-07	1.80E-05	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-06	2.24E-08	1.73E-08	0.00E+00	2.50E-05	7.61E-07	1.10E-06	5.43E-04	5.44E-04
Benzo(g,h,i)perylene	Baseline	URBN	Adult	5.06E-08	3.19E-11	1.16E-06	3.79E-07	2.14E-05	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-06	3.38E-08	3.12E-08	0.00E+00	3.19E-05	4.51E-07	5.11E-07	3.21E-04	3.22E-04
Benzo(g,h,i)perylene	Application	ABOR	Infant	1.73E-07	1.45E-11	2.08E-06	8.46E-07	3.08E-05	3.85E-06	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-06	4.16E-08	1.90E-08	7.86E-05	1.23E-04	1.50E-05	1.51E-05	1.07E-02	1.07E-02
Benzo(g,h,i)perylene	Application	ABOR	Toddler	6.93E-07	5.46E-11	1.94E-06	5.36E-06	4.24E-05	3.85E-06	1.16E-06	7.09E-06	1.15E-06	5.75E-07	2.03E-09	1.53E-09	8.87E-06	5.59E-08	3.35E-08	0.00E+00	7.32E-05	4.43E-06	3.00E-05	3.14E-03	3.17E-03	
Benzo(g,h,i)perylene	Application	ABOR	Adolescent	1.73E-07	1.03E-10	3.47E-06	1.13E-05	8.86E-05	3.85E-06	1.16E-06	1.42E-05	2.02E-06	1.17E-06	2.03E-09	4.60E-09	2.23E-05	1.04E-07	9.35E-08	0.00E+00	1.48E-04	2.49E-06	2.07E-06	1.77E-03	1.78E-03	
Benzo(g,h,i)perylene	Application	ABOR	Child	1.73E-07	9.54E-11	2.83E-06	1.01E-05	6.17E-05	3.85E-06	1.16E-06	1.20E-05	1.73E-06	8.45E-07	2.03E-09	3.07E-09	1.46E-05	7.66E-08	5.91E-08	0.00E+00	1.09E-04	3.32E-06	3.76E-06	2.37E-03	2.37E-03	
Benzo(g,h,i)perylene	Application	ABOR	Adult	1.73E-07	1.09E-10	3.96E-06	1.24E-05	7.32E-05	3.85E-06	1.16E-06	1.42E-05	2.30E-06	1.82E-06	4.06E-09	6.13E-09	2.54E-05	1.16E-07	1.07E-07	0.00E+00	1.39E-04	1.96E-06	1.75E-06	1.40E-03	1.40E-03	
Benzo(g,h,i)perylene	Application	URBN	Infant	2.88E-07	2.41E-11	3.46E-06	4.68E-08	5.12E-05	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-06	6.91E-08	3.15E-08	9.20E-05	1.52E-04	1.86E-05	2.51E-05	1.32E-02	1.33E-02
Benzo(g,h,i)perylene	Application	URBN	Toddler	1.15E-06	9.08E-11	3.22E-06	1.87E-06	7.04E-05	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-06	9.28E-08	5.57E-08	0.00E+00	9.17E-05	5.56E-06	4.98E-05	3.92E-03	3.97E-03
Benzo(g,h,i)perylene	Application	URBN	Adolescent	2.88E-07	1.71E-10	5.76E-06	2.62E-06	1.47E-04	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05	1.73E-07	1.55E-07	0.00E+00	1.85E-04	3.09E-06	3.44E-06	2.20E-03	2.21E-03
Benzo(g,h,i)perylene	Application	URBN	Child	2.88E-07	1.59E-10	4.70E-06	3.23E-06	1.02E-04	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05	1.27E-07	9.82E-08	0.00E+00	1.32E-04	4.00E-06	6.25E-06	2.85E-03	2.86E-03
Benzo(g,h,i)perylene	Application	URBN	Adult	2.88E-07	1.82E-10	6.58E-06	2.15E-06	1.22E-04	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	1.92E-07	1.77E-07	0.00E+00	1.62E-04	2.30E-06	2.91E-06	1.64E-03	1.64E-03
Benzo(g,h,i)perylene	Cumulative	ABOR	Infant	1.60E-07	1.34E-11	1.92E-06	7.80E-07	2.84E-05	3.55E-06	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-06	3.83E-08	1.75E-08	7.16E-05	1.12E-04	1.37E-05	1.39E-05	9.74E-03	9.76E-03
Benzo(g,h,i)perylene	Cumulative	ABOR	Toddler	6.39E-07	5.04E-11	1.78E-06	4.94E-06	3.91E-05	3.55E-06	1.07E-06	6.73E-06	1.06E-06	5.64E-07	1.99E-09	1.50E-09	7.52E-06	5.15E-08	3.09E-08	0.00E+00	6.70E-05	4.06E-06	2.77E-05	2.87E-03	2.90E-03	
Benzo(g,h,i)perylene	Cumulative	ABOR	Adolescent	1.60E-07	9.47E-11	3.20E-06	1.04E-05	8.17E-05	3.55E-06	1.07E-06	1.35E-05	1.86E-06	1.15E-06	1.99E-09	4.51E-09	1.89E-05	9.59E-08	8.63E-08	0.00E+00	1.36E-04	2.27E-06	1.91E-06	1.62E-03	1.62E-03	
Benzo(g,h,i)perylene	Cumulative	ABOR	Child	1.60E-07	8.80E-11	2.61E-06	9.36E-06	5.69E-05	3.55E-06	1.07E-06	1.14E-05	1.59E-06	8.29E-07	1.99E-09	3.01E-09	1.24E-05	7.07E-08	5.45E-08	0.00E+00	1.00E-04	3.04E-06	3.47E-06	2.17E-03	2.17E-03	
Benzo(g,h,i)perylene	Cumulative	ABOR	Adult	1.60E-07	1.01E-10	3.65E-06	1.14E-05	6.75E-05	3.55E-06	1.07E-06	1.35E-05	2.13E-06	1.79E-06	3.98E-09	6.02E-09	2.15E-05	1.07E-07	9.85E-08	0.00E+00	1.26E-04	1.79E-06	1.61E-06	1.28E-03	1.28E-03	
Benzo(g,h,i)perylene	Cumulative	URBN	Infant	2.74E-07	2.29E-11	3.29E-06	4.45E-08	4.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-06	6.57E-08	3.00E-08	8.60E-05	1.43E-04	1.74E-05	2.38E-05	1.24E-02	1.24E-02
Benzo(g,h,i)perylene	Cumulative	URBN	Toddler	1.09E-06	8.63E-11	3.06E-06	1.78E-06	6.70E-05	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-06	8.82E-08	5.29E-08	0.00E+00	8.62E-05	5.23E-06	4.74E-05	3.69E-03	3.73E-03
Benzo(g,h,i)perylene	Cumulative	URBN	Adolescent	2.74E-07	1.62E-10	5.48E-06	2.49E-06	1.40E-04	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05	1.64E-07	1.48E-07	0.00E+00	1.73E-04	2.90E-06	3.27E-06	2.07E-03	2.07E-03
Benzo(g,h,i)perylene	Cumulative	URBN	Child	2.74E-07	1.51E-10	4.47E-06	3.07E-06	9.74E-05	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05	1.21E-07	9.34E-08	0.00E+00	1.24E-04	3.75E-06	5.94E-06	2.68E-03	2.68E-03
Benzo(g,h,i)perylene	Cumulative	URBN	Adult	2.74E-07	1.73E-10	6.25E-06	2.05E-06	1.16E-04	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05	1.83E-07	1.69E-07	0.00E+00	1.52E-04	2.15E-06	2.76E-06	1.53E-03	1.53E-03
Benzo(g,h,i)perylene	Project	ABOR	Infant	1.38E-07	1.15E-11	1.66E-06	6.74E-07	2.46E-05	3.07E-06	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-06	3.31E-08	1.51E-08	6.19E-05	9.68E-05	1.18E-05	4.82E-03	8.43E-03	
Benzo(g,h,i)perylene	Project	ABOR	Toddler	5.52E-07	4.36E-11	1.54E-06	4.27E-06	3.38E-05	3.07E-06	9.21E-07	5.81E-06	9.19E-07	5.26E-07	1.86E-09	1.40E-09	6.46E-06	4.45E-08	2.67E-08	0.00E+00	5.79E-05	3.51E-06	2.39E-05	2.48E-03	2.51E-03	
Benzo(g,h,i)perylene	Project	ABOR	Adolescent	1.38E-07	8.19E-11	2.76E-06	8.99E-06	7.07E-05	3.07E-06	9.21E-07	1.16E-05	1.61E-06	1.07E-06	1.86E-09	4.21E-09	1.62E-05	8.29E-08	7.46E-08	0.00E+00	1.17E-04	1.96E-06	1.65E-06	1.40E-03	1.40E-03	
Benzo(g,h,i)perylene	Project	ABOR	Child	1.38E-07	7.61E-11	2.26E-06	8.09E-06	4.92E-05	3.07E-06	9.21E-07	9.83E-06	1.38E-06	7.73E-07	1.86E-09	2.81E-09	1.07E-05	6.11E-08	4.71E-08	0.00E+00	8.64E-05	2.63E-06	3.00E-06	1.87E-03	1.88E-03	
Benzo(g,h,i)perylene	Project	ABOR	Adult	1.38E-07	8.71E-11	3.16E-06	9.89E-06	5.84E-05	3.07E-06	9.21E-07	1.16E-05	1.84E-06	1.66E-06	3.71E-09	5.61E-09	1.85E-05	9.22E-08	8.51E-08	0.00E+00	1.09E-04	1.55E-06	1.40E-06	1.10E-03	1.10E-03	
Benzo(g,h,i)perylene	Project	URBN	Infant	2.38E-07	1.99E-11	2.85E-06	3.87E-08	4.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-06	5.70E-08	2.60E-08	7.45E-05	1.24E-04	1.51E-05	2.07E-05	1.08E-02	1.08E-02
Benzo(g,h,i)perylene	Project	URBN	Toddler	9.50E-07	7.49E-11	2.65E-06	1.55E-06	5.81E-05	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-06	7.66E-08	4.60E-08	0.00E+00	7.48E-05	4.53E-06	4.11E-05	3.20E-03	3.24E-03
Benzo(g,h,i)perylene	Project	URBN	Adolescent	2.38E-07	1.41E-10	4.75E-06	2.16E-06	1.22E-04	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05	1.43E-07	1.28E-07	0.00E+00	1.50E-04	2.51E-06	2.84E-06	1.79E-03	1.80E-03
Benzo(g,h,i)perylene	Project	URBN	Child	2.38E-07	1.31E-10	3.88E-06	2.67E-06	8.45E-05	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05	1.05E-07	8.10E-08	0.00E+00	1.07E-04	3.25E-06	5.16E-06	2.32E-03	2.32E-03
Benzo(g,h,i)perylene	Project	URBN	Adult	2.38E-07	1.50E-10	5.43E-06	1.78E-06	1.00E-04	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05	1.59E-07	1.46E-07	0.00E+00	1.32E-04	1.86E-06	2.40E-06	1.33E-03	1.33E-03
Benzo(g,h,i)perylene	Future	ABOR	Infant	1.28E-07	1.07E-11	1.54E-06	6.25E-07	2.28E-05	2.85E-06	8.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-06	3.07E-08	1.40E-08	5.55E-05	8.71E-05	1.06E-05	1.11E-05	7.57E-03	7.59E-03
Benzo(g,h,i)perylene	Future	ABOR	Toddler	5.12E-07	4.04E-11	1.43E-06	3.96E-06	3.13E-05	2.85E-06	8.53E-07	5.44E-06	8.51E-07	4.51E-07	1.59E-09	1.20E-09	4.80E-06	4.13E-08	2.48E-08	0.00E+00	5.25E-05	3.18E-06	2.22E-05	2.25E-03	2.27E-03	
Benzo(g,h,i)perylene	Future	ABOR	Adolescent	1.28E-07	7.58E-11	2.56E-06	8.33E-06	6.55E-05	2.85E-06	8.53E-07															

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																			RQ Soil	RQ Oral	RQ Total
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Benzo(k)fluoranthene	Baseline	ABOR	Adolescent	9.08E-08	5.38E-11	2.58E-07	8.17E-07	5.84E-06	2.54E-07	8.59E-08	6.25E-06	1.45E-07	6.16E-08	1.20E-10	2.56E-10	1.42E-06	5.45E-08	4.90E-08	0.00E+00	1.53E-05	2.57E-07	1.09E-06	1.82E-04	1.83E-04	
Benzo(k)fluoranthene	Baseline	ABOR	Child	9.08E-08	5.00E-11	2.10E-07	7.35E-07	4.06E-06	2.54E-07	8.59E-08	5.29E-06	1.24E-07	4.44E-08	1.20E-10	1.71E-10	9.33E-07	4.02E-08	3.10E-08	0.00E+00	1.19E-05	3.62E-07	1.97E-06	2.56E-04	2.58E-04	
Benzo(k)fluoranthene	Baseline	ABOR	Adult	9.08E-08	5.73E-11	2.94E-07	8.99E-07	4.83E-06	2.54E-07	8.59E-08	6.25E-06	1.66E-07	9.55E-08	2.40E-10	3.42E-10	1.62E-06	6.06E-08	5.60E-08	0.00E+00	1.47E-05	2.08E-07	9.17E-07	1.48E-04	1.48E-04	
Benzo(k)fluoranthene	Baseline	URBN	Infant	1.17E-07	9.80E-12	2.00E-07	2.64E-09	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-07	2.81E-08	1.28E-08	1.93E-06	5.24E-06	6.39E-07	1.02E-05	4.47E-04	4.57E-04	
Benzo(k)fluoranthene	Baseline	URBN	Toddler	4.69E-07	3.70E-11	1.86E-07	1.06E-07	3.61E-06	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-07	3.78E-08	2.27E-08	0.00E+00	7.64E-06	4.63E-07	2.03E-05	3.11E-04	3.31E-04	
Benzo(k)fluoranthene	Baseline	URBN	Adolescent	1.17E-07	6.95E-11	3.33E-07	1.48E-07	7.55E-06	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-06	7.04E-08	6.33E-08	0.00E+00	1.23E-05	2.07E-07	1.40E-06	1.46E-04	1.48E-04	
Benzo(k)fluoranthene	Baseline	URBN	Child	1.17E-07	6.46E-11	2.72E-07	1.82E-07	5.25E-06	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-07	5.19E-08	4.00E-08	0.00E+00	9.49E-06	2.88E-07	2.55E-06	2.04E-04	2.06E-04	
Benzo(k)fluoranthene	Baseline	URBN	Adult	1.17E-07	7.40E-11	3.80E-07	1.21E-07	6.23E-06	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-06	7.83E-08	7.23E-08	0.00E+00	1.13E-05	1.59E-07	1.18E-06	1.13E-04	1.14E-04	
Benzo(k)fluoranthene	Application	ABOR	Infant	4.02E-07	3.36E-11	6.84E-07	2.71E-07	9.00E-06	1.12E-06	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+00	1.26E-06	9.65E-08	4.40E-08	1.21E-05	2.54E-05	3.09E-06	3.50E-05	2.17E-03	2.21E-03
Benzo(k)fluoranthene	Application	ABOR	Toddler	1.61E-06	1.27E-10	6.37E-07	1.72E-06	1.24E-05	1.12E-06	3.80E-07	1.72E-05	3.66E-07	1.53E-07	6.10E-10	4.34E-10	2.15E-06	1.30E-07	7.78E-08	0.00E+00	3.79E-05	2.30E-06	6.96E-05	1.57E-03	1.64E-03	
Benzo(k)fluoranthene	Application	ABOR	Adolescent	4.02E-07	2.38E-10	1.14E-06	3.62E-06	2.59E-05	1.12E-06	3.80E-07	3.44E-05	6.41E-07	3.13E-07	6.10E-10	1.30E-09	5.38E-06	2.41E-07	2.17E-07	0.00E+00	7.37E-05	1.23E-06	4.81E-06	8.77E-04	8.82E-04	
Benzo(k)fluoranthene	Application	ABOR	Child	4.02E-07	2.21E-10	9.31E-07	3.26E-06	1.80E-05	1.12E-06	3.80E-07	2.91E-05	5.50E-07	2.25E-07	6.10E-10	8.68E-10	3.54E-06	1.78E-07	1.37E-07	0.00E+00	5.78E-05	1.76E-06	8.73E-06	1.25E-03	1.26E-03	
Benzo(k)fluoranthene	Application	ABOR	Adult	4.02E-07	2.54E-10	1.30E-06	3.98E-06	2.14E-05	1.12E-06	3.80E-07	3.44E-05	7.33E-07	4.85E-07	1.22E-09	1.74E-09	6.13E-06	2.68E-07	2.48E-07	0.00E+00	7.08E-05	1.00E-06	4.06E-06	7.11E-04	7.16E-04	
Benzo(k)fluoranthene	Application	URBN	Infant	6.68E-07	5.59E-11	1.14E-06	1.50E-08	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-06	1.60E-07	7.32E-08	1.04E-05	2.86E-05	3.49E-06	5.82E-05	2.44E-03	2.49E-03	
Benzo(k)fluoranthene	Application	URBN	Toddler	2.67E-06	2.11E-10	1.06E-06	6.01E-07	2.06E-05	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-06	2.15E-07	1.29E-07	0.00E+00	4.19E-05	2.54E-06	1.16E-04	1.70E-03	1.82E-03	
Benzo(k)fluoranthene	Application	URBN	Adolescent	6.68E-07	3.96E-10	1.90E-06	8.42E-07	4.30E-05	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-06	4.01E-07	3.61E-07	0.00E+00	6.71E-05	1.12E-06	7.99E-06	7.95E-04	8.03E-04	
Benzo(k)fluoranthene	Application	URBN	Child	6.68E-07	3.68E-10	1.55E-06	1.04E-06	2.99E-05	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-06	2.96E-07	2.28E-07	0.00E+00	5.18E-05	1.57E-06	1.45E-05	1.11E-03	1.12E-03	
Benzo(k)fluoranthene	Application	URBN	Adult	6.68E-07	4.21E-10	2.16E-06	6.92E-07	3.55E-05	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-06	4.46E-07	4.12E-07	0.00E+00	6.06E-05	8.57E-07	6.75E-06	6.05E-04	6.12E-04	
Benzo(k)fluoranthene	Cumulative	ABOR	Infant	3.70E-07	3.10E-11	6.31E-07	2.50E-07	8.29E-06	1.04E-06	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-06	8.89E-08	4.06E-08	1.13E-05	2.35E-05	2.87E-06	3.23E-05	2.01E-03	2.05E-03	
Benzo(k)fluoranthene	Cumulative	ABOR	Toddler	1.48E-06	1.17E-10	5.87E-07	1.58E-06	1.14E-05	1.04E-06	3.50E-07	1.63E-05	3.38E-07	1.50E-07	5.98E-10	4.26E-10	1.93E-06	1.19E-07	7.17E-08	0.00E+00	3.54E-05	2.14E-06	6.42E-05	1.47E-03	1.53E-03	
Benzo(k)fluoranthene	Cumulative	ABOR	Adolescent	3.70E-07	2.20E-10	1.05E-06	3.33E-06	2.38E-05	1.04E-06	3.50E-07	3.27E-05	5.91E-07	3.07E-07	5.98E-10	1.28E-09	4.83E-06	2.22E-07	2.00E-07	0.00E+00	6.88E-05	1.15E-06	4.43E-06	8.19E-04	8.23E-04	
Benzo(k)fluoranthene	Cumulative	ABOR	Child	3.70E-07	2.04E-10	8.58E-07	3.00E-06	1.66E-05	1.04E-06	3.50E-07	2.76E-05	5.07E-07	2.21E-07	5.98E-10	8.52E-10	3.18E-06	1.64E-07	1.26E-07	0.00E+00	5.40E-05	1.64E-06	8.04E-06	1.17E-03	1.17E-03	
Benzo(k)fluoranthene	Cumulative	ABOR	Adult	3.70E-07	2.34E-10	1.20E-06	3.67E-06	1.97E-05	1.04E-06	3.50E-07	3.27E-05	6.75E-07	4.76E-07	1.20E-09	1.70E-09	5.51E-06	2.47E-07	2.28E-07	0.00E+00	6.61E-05	9.35E-07	3.74E-06	6.64E-04	6.68E-04	
Benzo(k)fluoranthene	Cumulative	URBN	Infant	6.35E-07	5.30E-11	1.08E-06	1.43E-08	1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-06	1.52E-07	6.95E-08	9.79E-06	2.71E-05	3.30E-06	5.53E-05	2.30E-03	2.36E-03	
Benzo(k)fluoranthene	Cumulative	URBN	Toddler	2.54E-06	2.00E-10	1.01E-06	5.71E-07	1.95E-05	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-06	2.05E-07	1.23E-07	0.00E+00	3.97E-05	2.41E-06	1.10E-04	1.61E-03	1.72E-03	
Benzo(k)fluoranthene	Cumulative	URBN	Adolescent	6.35E-07	3.76E-10	1.80E-06	8.00E-07	4.08E-05	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-06	3.81E-07	3.43E-07	0.00E+00	6.34E-05	1.06E-06	7.59E-06	7.52E-04	7.59E-04	
Benzo(k)fluoranthene	Cumulative	URBN	Child	6.35E-07	3.50E-10	1.47E-06	9.85E-07	2.84E-05	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-06	2.81E-07	2.17E-07	0.00E+00	4.90E-05	1.49E-06	1.38E-05	1.05E-03	1.06E-03	
Benzo(k)fluoranthene	Cumulative	URBN	Adult	6.35E-07	4.00E-10	2.06E-06	6.57E-07	3.37E-05	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-06	4.24E-07	3.91E-07	0.00E+00	5.72E-05	8.09E-07	6.41E-06	5.72E-04	5.78E-04	
Benzo(k)fluoranthene	Project	ABOR	Infant	3.20E-07	2.68E-11	5.45E-07	2.16E-07	7.17E-06	8.96E-07	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-06	7.69E-08	3.51E-08	9.80E-06	2.04E-05	2.48E-06	2.79E-05	1.75E-03	1.77E-03	
Benzo(k)fluoranthene	Project	ABOR	Toddler	1.28E-06	1.01E-10	5.07E-07	1.37E-06	9.86E-06	8.96E-07	3.03E-07	1.41E-05	2.92E-07	1.40E-07	5.58E-10	3.97E-10	1.72E-06	1.03E-07	6.20E-08	0.00E+00	3.06E-05	1.86E-06	5.55E-05	1.27E-03	1.33E-03	
Benzo(k)fluoranthene	Project	ABOR	Adolescent	3.20E-07	1.90E-10	9.09E-07	2.88E-06	2.06E-05	8.96E-07	3.03E-07	2.82E-05	5.11E-07	2.86E-07	5.58E-10	1.19E-09	4.30E-06	1.92E-07	1.73E-07	0.00E+00	5.96E-05	9.98E-07	3.83E-06	7.09E-04	7.13E-04	
Benzo(k)fluoranthene	Project	ABOR	Child	3.20E-07	1.76E-10	7.42E-07	2.59E-06	1.43E-05	8.96E-07	3.03E-07	2.39E-05	4.38E-07	2.06E-07	5.58E-10	7.94E-10	4.83E-06	1.42E-07	1.09E-07	0.00E+00	4.68E-05	1.42E-06	6.95E-06	1.01E-03	1.02E-03	
Benzo(k)fluoranthene	Project	ABOR	Adult	3.20E-07	2.02E-10	1.04E-06	3.17E-06	1.70E-05	8.96E-07	3.03E-07	2.82E-05	5.84E-07	4.43E-07	1.12E-09	1.59E-09	4.90E-06	2.14E-07	1.97E-07	0.00E+00	5.73E-05	8.10E-07	3.24E-06	5.76E-04	5.79E-04	
Benzo(k)fluoranthene	Project	URBN	Infant	5.51E-07	4.60E-11	9.38E-07	1.24E-08	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-06	1.32E-07	6.03E-08	8.51E-06	2.35E-05	2.87E-06	4.80E-05	2.00E-03	2.05E-03	
Benzo(k)fluoranthene	Project	URBN	Toddler	2.20E-06	1.74E-10	8.73E-07	4.96E-07	1.70E-05	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06	1.78E-07	1.07E-07	0.00E+00	3.45E-05	2.09E-06	9.54E-05	1.40E-03	1.49E-03	
Benzo(k)fluoranthene	Project	URBN	Adolescent	5.51E-07	3.26E-10	1.56E-06	6.94E-07	3.54E-05	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-06	3.30E-07	2.97E-07	0.00E+00	5.51E-05	2.93E-07	6.59E-06	6.53E-04	6.59E-04	
Benzo(k)fluoranthene	Project	URBN	Child	5.51E-07	3.03E-10	1.28E-06	8.55E-07	2.47E-05	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-06	2.44E-07	1.88E-07	0.00E+00	4.25E-05	1.29E-06	1.20E-05	9.11E-04	9.23E-04	
Benzo(k)fluoranthene	Project	URBN	Adult	5.51E-07	3.47E-10	1.78E-06	5.																		

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Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total	
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Benzo(k)fluoranthene	Future	URBN	Child	5.17E-07	2.85E-10	1.20E-06	8.03E-07	2.32E-05	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-06	2.29E-07	1.77E-07	0.00E+00	3.95E-05	1.20E-06	1.12E-05	8.47E-04	8.58E-04
Benzo(k)fluoranthene	Future	URBN	Adult	5.17E-07	3.26E-10	1.68E-06	5.35E-07	2.75E-05	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-06	3.45E-07	3.19E-07	0.00E+00	4.60E-05	6.50E-07	5.23E-06	4.59E-04	4.64E-04
Beryllium	Baseline	ABOR	Infant	3.41E-07	2.85E-11	6.68E-08	2.60E-08	3.07E-09	3.83E-10	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-09	5.45E-08	2.49E-08	0.00E+00	5.60E-07	6.83E-08	2.08E-08	1.33E-08	3.41E-08
Beryllium	Baseline	ABOR	Toddler	1.36E-06	1.08E-10	6.21E-08	1.64E-07	4.22E-09	3.83E-10	3.71E-08	1.80E-05	3.45E-08	1.73E-07	3.97E-10	7.25E-10	9.56E-08	7.33E-08	4.40E-08	0.00E+00	2.01E-05	1.22E-06	4.13E-08	5.67E-07	6.08E-07	
Beryllium	Baseline	ABOR	Adolescent	3.41E-07	2.02E-10	1.11E-07	3.46E-07	8.82E-09	3.83E-10	3.71E-08	3.61E-05	6.03E-08	3.54E-07	3.97E-10	2.18E-09	6.89E-08	1.36E-07	1.23E-07	0.00E+00	3.76E-05	6.31E-07	2.85E-09	3.12E-07	3.15E-07	
Beryllium	Baseline	ABOR	Child	3.41E-07	1.88E-10	9.09E-08	3.12E-07	6.14E-09	3.83E-10	3.71E-08	3.05E-05	5.17E-08	2.55E-07	3.97E-10	1.45E-09	1.02E-07	1.01E-07	7.75E-08	0.00E+00	3.19E-05	9.69E-07	5.18E-09	4.79E-07	4.85E-07	
Beryllium	Baseline	ABOR	Adult	3.41E-07	2.15E-10	1.27E-07	3.81E-07	7.29E-09	3.83E-10	3.71E-08	3.61E-05	6.89E-08	5.49E-07	7.93E-10	2.90E-09	7.26E-08	1.52E-07	1.40E-07	0.00E+00	3.79E-05	5.37E-07	2.41E-09	2.66E-07	2.68E-07	
Beryllium	Baseline	URBN	Infant	4.40E-07	3.68E-11	8.63E-08	1.12E-09	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-09	7.04E-08	3.21E-08	0.00E+00	6.40E-07	7.81E-08	2.68E-08	1.22E-08	3.90E-08	
Beryllium	Baseline	URBN	Toddler	1.76E-06	1.39E-10	8.03E-08	4.47E-08	5.45E-09	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-08	9.47E-08	5.68E-08	0.00E+00	1.74E-05	1.05E-06	5.34E-08	4.74E-07	5.27E-07	
Beryllium	Baseline	URBN	Adolescent	4.40E-07	2.61E-10	1.44E-07	6.26E-08	1.14E-08	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-08	1.76E-07	3.69E-09	0.00E+00	1.63E-05	2.73E-07	3.69E-09	1.33E-07	1.37E-07	
Beryllium	Baseline	URBN	Child	4.40E-07	2.43E-10	1.17E-07	7.72E-08	7.92E-09	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-07	1.30E-07	1.00E-07	0.00E+00	1.62E-05	4.93E-07	6.69E-09	2.40E-07	2.47E-07	
Beryllium	Baseline	URBN	Adult	4.40E-07	2.78E-10	1.64E-07	5.14E-08	9.41E-09	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-08	1.96E-07	1.81E-07	0.00E+00	1.64E-05	2.32E-07	3.11E-09	1.13E-07	1.16E-07	
Beryllium	Application	ABOR	Infant	1.51E-06	1.26E-10	2.95E-07	1.15E-07	1.36E-08	1.69E-09	1.64E-07	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-08	2.41E-07	1.10E-07	0.00E+00	2.46E-06	3.00E-07	9.18E-08	5.84E-08	1.50E-07	
Beryllium	Application	ABOR	Toddler	6.02E-06	4.75E-10	2.75E-07	7.27E-07	1.86E-08	1.69E-09	1.64E-07	9.92E-05	1.52E-07	8.78E-07	2.01E-09	3.68E-09	2.71E-07	3.24E-07	1.94E-07	0.00E+00	1.08E-04	6.56E-06	1.83E-07	3.10E-06	3.28E-06	
Beryllium	Application	ABOR	Adolescent	1.51E-06	8.93E-10	4.92E-07	1.53E-06	3.90E-08	1.69E-09	1.64E-07	1.98E-04	2.66E-07	1.79E-06	2.01E-09	1.10E-08	1.95E-07	6.02E-07	5.42E-07	0.00E+00	2.05E-04	3.44E-06	1.26E-08	1.71E-06	1.72E-06	
Beryllium	Application	ABOR	Child	1.51E-06	8.30E-10	4.02E-07	1.38E-06	2.71E-08	1.69E-09	1.64E-07	1.68E-04	2.28E-07	1.29E-06	2.01E-09	7.36E-09	2.90E-07	4.44E-07	3.43E-07	0.00E+00	1.74E-04	5.29E-06	2.29E-08	2.62E-06	2.64E-06	
Beryllium	Application	ABOR	Adult	1.51E-06	9.50E-10	5.61E-07	1.68E-06	3.22E-08	1.69E-09	1.64E-07	1.98E-04	3.04E-07	2.78E-06	4.02E-09	1.47E-08	2.06E-07	6.70E-07	6.19E-07	0.00E+00	2.07E-04	2.93E-06	1.07E-08	1.45E-06	1.46E-06	
Beryllium	Application	URBN	Infant	2.51E-06	2.10E-10	4.92E-07	6.37E-09	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-08	4.02E-07	1.83E-07	0.00E+00	3.63E-06	4.43E-07	1.53E-07	6.85E-08	2.22E-07	
Beryllium	Application	URBN	Toddler	1.00E-05	7.92E-10	4.58E-07	2.55E-07	3.11E-08	0.00E+00	0.00E+00	8.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-07	5.40E-07	3.24E-07	0.00E+00	9.58E-05	5.81E-06	3.04E-07	2.60E-06	2.90E-06	
Beryllium	Application	URBN	Adolescent	2.51E-06	1.49E-09	8.20E-07	3.57E-07	6.49E-08	0.00E+00	0.00E+00	8.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-07	1.00E-06	9.04E-07	0.00E+00	8.98E-05	1.50E-06	2.10E-08	7.31E-07	7.52E-07	
Beryllium	Application	URBN	Child	2.51E-06	1.38E-09	6.69E-07	4.40E-07	4.52E-08	0.00E+00	0.00E+00	8.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-07	7.40E-07	5.71E-07	0.00E+00	8.92E-05	2.71E-06	3.81E-08	1.32E-06	1.36E-06	
Beryllium	Application	URBN	Adult	2.51E-06	1.58E-09	9.36E-07	2.93E-07	5.36E-08	0.00E+00	0.00E+00	8.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-07	1.12E-06	1.03E-06	0.00E+00	9.00E-05	1.27E-06	1.78E-08	6.19E-07	6.37E-07	
Beryllium	Cumulative	ABOR	Infant	1.39E-06	1.16E-10	2.72E-07	1.06E-07	1.25E-08	1.56E-09	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.23E-07	1.02E-07	0.00E+00	2.27E-06	2.77E-07	8.48E-08	5.38E-08	1.39E-07	
Beryllium	Cumulative	ABOR	Toddler	5.56E-06	4.39E-10	2.54E-07	6.71E-07	1.72E-08	1.56E-09	1.51E-07	9.42E-05	1.41E-07	8.61E-07	1.98E-09	3.61E-09	2.14E-07	2.99E-07	1.79E-07	0.00E+00	1.03E-04	6.21E-06	1.69E-07	2.94E-06	3.11E-06	
Beryllium	Cumulative	ABOR	Adolescent	1.39E-06	8.25E-10	4.54E-07	1.41E-06	3.60E-08	1.56E-09	1.51E-07	1.88E-04	2.46E-07	1.76E-06	1.98E-09	1.08E-08	1.54E-07	5.56E-07	5.01E-07	0.00E+00	1.95E-04	3.27E-06	1.16E-08	1.62E-06	1.63E-06	
Beryllium	Cumulative	ABOR	Child	1.39E-06	7.66E-10	3.71E-07	1.27E-06	2.50E-08	1.56E-09	1.51E-07	1.59E-04	2.11E-07	1.27E-06	1.98E-09	7.22E-09	2.29E-07	4.10E-07	3.16E-07	0.00E+00	1.65E-04	5.02E-06	2.11E-08	2.49E-06	2.51E-06	
Beryllium	Cumulative	ABOR	Adult	1.39E-06	8.77E-10	5.18E-07	1.55E-06	2.97E-08	1.56E-09	1.51E-07	1.88E-04	2.81E-07	2.72E-06	3.95E-09	1.44E-08	1.63E-07	6.19E-07	5.72E-07	0.00E+00	1.96E-04	2.78E-06	9.84E-09	1.38E-06	1.39E-06	
Beryllium	Cumulative	URBN	Infant	2.38E-06	1.99E-10	4.67E-07	6.05E-09	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-08	3.81E-07	1.74E-07	0.00E+00	3.45E-06	4.20E-07	1.45E-07	6.48E-08	2.10E-07	
Beryllium	Cumulative	URBN	Toddler	9.53E-06	7.51E-10	4.34E-07	2.42E-07	2.95E-08	0.00E+00	0.00E+00	7.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	5.12E-07	3.07E-07	0.00E+00	9.10E-05	5.51E-06	2.89E-07	2.47E-06	2.76E-06	
Beryllium	Cumulative	URBN	Adolescent	2.38E-06	1.41E-09	7.78E-07	3.39E-07	6.16E-08	0.00E+00	0.00E+00	7.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-07	9.53E-07	8.58E-07	0.00E+00	8.52E-05	1.43E-06	2.00E-08	6.94E-07	7.14E-07	
Beryllium	Cumulative	URBN	Child	2.38E-06	1.31E-09	6.35E-07	4.17E-07	4.29E-08	0.00E+00	0.00E+00	7.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-07	7.03E-07	5.42E-07	0.00E+00	8.46E-05	2.57E-06	3.62E-08	1.25E-06	1.29E-06	
Beryllium	Cumulative	URBN	Adult	2.38E-06	1.50E-09	8.88E-07	2.78E-07	5.09E-08	0.00E+00	0.00E+00	7.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-07	1.06E-06	9.79E-07	0.00E+00	8.55E-05	1.21E-06	1.68E-08	5.88E-07	6.05E-07	
Beryllium	Project	ABOR	Infant	1.20E-06	1.01E-10	2.36E-07	9.16E-08	1.08E-08	1.35E-09	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-08	1.92E-07	8.78E-08	0.00E+00	1.96E-06	2.40E-07	7.33E-08	4.65E-08	1.20E-07	
Beryllium	Project	ABOR	Toddler	4.81E-06	3.79E-10	2.19E-07	5.80E-07	1.49E-08	1.35E-09	1.31E-07	8.13E-05	1.22E-07	8.02E-07	1.84E-09	3.37E-09	1.76E-07	2.59E-07	1.55E-07	0.00E+00	8.86E-05	5.37E-06	1.46E-07	2.54E-06	2.68E-06	
Beryllium	Project	ABOR	Adolescent	1.20E-06	7.13E-10	3.93E-07	1.22E-06	3.11E-08	1.35E-09	1.31E-07	1.63E-04	2.13E-07	1.64E-06	1.84E-09	1.01E-08	1.27E-07	4.81								

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil Unitless	RQ Oral Unitless	RQ Total Unitless
				Soil SIR ug/day	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total			
					AIR ug/day	Plant ug/day	Berries ug/day	Root ug/day	WildRoot ug/day	WildPlant ug/day	Shellfish ug/day	Seaweed ug/day	Deer ug/day	Ruffed_grouse ug/day	Snowshoe_hare ug/day	Surface Water ug/day	Hands ug/day	Other ug/day	Breast Milk ug/day	EDI ug/day	EDI ug/kg/day			
Beryllium	Future	ABOR	Adult	1.11E-06	7.03E-10	4.15E-07	1.24E-06	2.38E-08	1.25E-09	1.21E-07	1.52E-04	2.25E-07	2.18E-06	3.16E-09	1.15E-08	8.99E-08	4.96E-07	4.58E-07	0.00E+00	1.59E-04	2.24E-06	7.88E-09	1.11E-06	1.12E-06
Beryllium	Future	URBN	Infant	1.94E-06	1.62E-10	3.80E-07	4.93E-09	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-09	3.11E-07	1.42E-07	0.00E+00	2.81E-06	3.42E-07	1.18E-07	5.26E-08	1.71E-07
Beryllium	Future	URBN	Toddler	7.77E-06	6.13E-10	3.54E-07	1.97E-07	2.40E-08	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	4.18E-07	2.51E-07	0.00E+00	7.36E-05	4.46E-06	2.35E-07	1.99E-06	2.23E-06
Beryllium	Future	URBN	Adolescent	1.94E-06	1.15E-09	6.34E-07	2.76E-07	5.03E-08	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-08	7.77E-07	6.99E-07	0.00E+00	6.89E-05	1.15E-06	1.63E-08	5.61E-07	5.77E-07
Beryllium	Future	URBN	Child	1.94E-06	1.07E-09	5.18E-07	3.40E-07	3.50E-08	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-07	5.73E-07	4.42E-07	0.00E+00	6.84E-05	2.08E-06	2.95E-08	1.01E-06	1.04E-06
Beryllium	Future	URBN	Adult	1.94E-06	1.23E-09	7.24E-07	2.27E-07	4.15E-08	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-08	8.64E-07	7.98E-07	0.00E+00	6.91E-05	9.78E-07	1.37E-08	4.75E-07	4.89E-07
Biphenyl	Baseline	ABOR	Infant	1.58E-11	1.32E-15	7.73E-07	3.01E-07	7.48E-10	9.35E-11	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-08	3.79E-12	1.73E-12	0.00E+00	1.52E-06	1.86E-07	3.85E-15	3.72E-10	3.72E-10
Biphenyl	Baseline	ABOR	Toddler	6.32E-11	4.98E-15	7.19E-07	1.90E-06	1.03E-09	9.35E-11	4.29E-07	1.10E-09	4.29E-07	8.28E-08	2.88E-10	2.19E-10	3.75E-08	5.10E-12	3.06E-12	0.00E+00	3.60E-06	2.18E-07	7.66E-15	4.37E-10	4.37E-10
Biphenyl	Baseline	ABOR	Adolescent	1.58E-11	9.37E-15	1.29E-06	4.01E-06	2.15E-09	9.35E-11	4.29E-07	2.20E-09	7.51E-07	1.69E-07	2.88E-10	6.58E-10	8.89E-08	9.48E-12	8.53E-12	0.00E+00	6.74E-06	1.13E-07	5.29E-16	2.26E-10	2.26E-10
Biphenyl	Baseline	ABOR	Child	1.58E-11	8.71E-15	1.05E-06	3.61E-06	1.50E-09	9.35E-11	4.29E-07	1.86E-09	6.44E-07	1.22E-07	2.88E-10	4.39E-10	6.02E-08	6.99E-12	5.39E-12	0.00E+00	5.92E-06	1.80E-07	9.61E-16	3.60E-10	3.60E-10
Biphenyl	Baseline	ABOR	Adult	1.58E-11	9.97E-15	1.47E-06	4.41E-06	1.78E-09	9.35E-11	4.29E-07	2.20E-09	8.59E-07	2.62E-07	5.77E-10	8.77E-10	1.01E-07	1.05E-11	9.74E-12	0.00E+00	7.54E-06	1.07E-07	4.47E-16	2.13E-10	2.13E-10
Biphenyl	Baseline	URBN	Infant	2.38E-11	1.99E-15	1.17E-06	1.51E-08	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-08	5.72E-12	2.61E-12	0.00E+00	1.20E-06	1.47E-07	5.81E-15	2.93E-10	2.93E-10
Biphenyl	Baseline	URBN	Toddler	9.54E-11	7.52E-15	1.09E-06	6.05E-07	1.55E-09	0.00E+00	0.00E+00	9.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-08	7.69E-12	4.61E-12	0.00E+00	1.73E-06	1.05E-07	1.16E-14	2.10E-10	2.10E-10
Biphenyl	Baseline	URBN	Adolescent	2.38E-11	1.41E-14	1.94E-06	8.47E-07	3.24E-09	0.00E+00	0.00E+00	9.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-08	1.43E-11	1.29E-11	0.00E+00	2.88E-06	4.83E-08	7.99E-16	9.66E-11	9.66E-11
Biphenyl	Baseline	URBN	Child	2.38E-11	1.31E-14	1.59E-06	1.04E-06	2.26E-09	0.00E+00	0.00E+00	9.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-08	1.05E-11	8.14E-12	0.00E+00	2.69E-06	8.19E-08	1.45E-15	1.64E-10	1.64E-10
Biphenyl	Baseline	URBN	Adult	2.38E-11	1.50E-14	2.22E-06	6.95E-07	2.68E-09	0.00E+00	0.00E+00	9.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	1.59E-11	1.47E-11	0.00E+00	3.02E-06	4.27E-08	6.74E-16	8.54E-11	8.54E-11
Biphenyl	Application	ABOR	Infant	1.98E-10	1.66E-14	9.69E-06	3.77E-06	9.38E-09	1.17E-09	5.38E-06	1.42E-08	5.38E-06	2.14E-06	7.46E-09	5.67E-09	5.39E-08	4.75E-11	2.17E-11	0.00E+00	1.89E-05	2.31E-06	4.83E-14	4.61E-09	4.61E-09
Biphenyl	Application	ABOR	Toddler	7.92E-10	6.25E-14	9.02E-06	2.39E-05	1.29E-08	1.17E-09	5.38E-06	1.42E-08	5.38E-06	2.14E-06	7.46E-09	5.67E-09	9.87E-08	6.39E-11	3.83E-11	0.00E+00	4.59E-05	2.78E-06	9.60E-14	5.57E-09	5.57E-09
Biphenyl	Application	ABOR	Adolescent	1.98E-10	1.17E-13	1.61E-05	5.02E-05	2.70E-08	1.17E-09	5.38E-06	2.84E-08	9.42E-06	4.37E-06	7.46E-09	1.70E-08	2.34E-07	1.19E-10	1.07E-10	0.00E+00	8.59E-05	1.44E-06	6.64E-15	2.88E-09	2.88E-09
Biphenyl	Application	ABOR	Child	1.98E-10	1.09E-13	1.32E-05	4.52E-05	1.88E-08	1.17E-09	5.38E-06	2.40E-08	8.07E-06	3.15E-06	7.46E-09	1.13E-08	1.58E-07	8.77E-11	6.76E-11	0.00E+00	7.52E-05	2.29E-06	1.20E-14	4.57E-09	4.57E-09
Biphenyl	Application	ABOR	Adult	1.98E-10	1.25E-13	1.84E-05	5.53E-05	2.23E-08	1.17E-09	5.38E-06	2.84E-08	1.08E-05	6.78E-06	1.49E-08	2.27E-08	2.66E-07	1.32E-10	1.22E-10	0.00E+00	9.70E-05	1.37E-06	5.60E-15	2.74E-09	2.74E-09
Biphenyl	Application	URBN	Infant	2.99E-10	2.50E-14	1.46E-05	1.90E-07	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-08	7.19E-11	3.28E-11	0.00E+00	1.49E-05	1.82E-06	7.30E-14	3.64E-09	3.64E-09
Biphenyl	Application	URBN	Toddler	1.20E-09	9.44E-14	1.36E-05	7.59E-06	1.95E-08	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-08	9.66E-11	5.79E-11	0.00E+00	2.14E-05	1.29E-06	1.45E-13	2.59E-09	2.59E-09
Biphenyl	Application	URBN	Adolescent	2.99E-10	1.77E-13	2.44E-05	1.06E-05	4.08E-08	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-07	1.80E-10	1.62E-10	0.00E+00	3.53E-05	5.92E-07	1.00E-14	1.18E-09	1.18E-09
Biphenyl	Application	URBN	Child	2.99E-10	1.65E-13	1.99E-05	1.31E-05	2.83E-08	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-07	1.32E-10	1.02E-10	0.00E+00	3.32E-05	1.01E-06	1.82E-14	2.02E-09	2.02E-09
Biphenyl	Application	URBN	Adult	2.99E-10	1.89E-13	2.79E-05	8.73E-06	3.37E-08	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-07	2.00E-10	1.85E-10	0.00E+00	3.69E-05	5.22E-07	8.47E-15	1.04E-09	1.04E-09
Biphenyl	Cumulative	ABOR	Infant	1.98E-10	1.66E-14	9.69E-06	3.77E-06	9.38E-09	1.17E-09	5.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-08	4.76E-11	2.17E-11	0.00E+00	1.89E-05	2.31E-06	4.83E-14	4.61E-09	4.61E-09
Biphenyl	Cumulative	ABOR	Toddler	7.93E-10	6.25E-14	9.02E-06	2.39E-05	1.29E-08	1.17E-09	5.39E-06	1.42E-08	5.39E-06	2.14E-06	7.46E-09	5.67E-09	9.87E-08	6.39E-11	3.83E-11	0.00E+00	4.60E-05	2.78E-06	9.61E-14	5.57E-09	5.57E-09
Biphenyl	Cumulative	ABOR	Adolescent	1.98E-10	1.17E-13	1.62E-05	5.03E-05	2.70E-08	1.17E-09	5.39E-06	2.84E-08	9.42E-06	4.37E-06	7.46E-09	1.70E-08	2.34E-07	1.19E-10	1.07E-10	0.00E+00	8.59E-05	1.44E-06	6.64E-15	2.88E-09	2.88E-09
Biphenyl	Cumulative	ABOR	Child	1.98E-10	1.09E-13	1.32E-05	4.52E-05	1.88E-08	1.17E-09	5.39E-06	2.40E-08	8.08E-06	3.15E-06	7.46E-09	1.13E-08	1.58E-07	8.77E-11	6.76E-11	0.00E+00	7.53E-05	2.29E-06	1.20E-14	4.58E-09	4.58E-09
Biphenyl	Cumulative	ABOR	Adult	1.98E-10	1.25E-13	1.84E-05	5.53E-05	2.23E-08	1.17E-09	5.39E-06	2.84E-08	1.08E-05	6.78E-06	1.49E-08	2.27E-08	2.66E-07	1.32E-10	1.22E-10	0.00E+00	9.70E-05	1.37E-06	5.61E-15	2.74E-09	2.74E-09
Biphenyl	Cumulative	URBN	Infant	3.00E-10	2.51E-14	1.47E-05	1.90E-07	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-08	7.19E-11	3.28E-11	0.00E+00	1.49E-05	1.82E-06	7.31E-14	3.64E-09	3.64E-09
Biphenyl	Cumulative	URBN	Toddler	1.20E-09	9.45E-14	1.36E-05	7.60E-06	1.95E-08	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-08	9.67E-11	5.80E-11	0.00E+00	2.14E-05	1.30E-06	1.45E-13	2.59E-09	2.59E-09
Biphenyl	Cumulative	URBN	Adolescent	3.00E-10	1.78E-13	2.44E-05	1.06E-05	4.08E-08	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-07	1.80E-10	1.62E-10	0.00E+00	3.54E-05	5.92E-07	1.00E-14	1.18E-09	1.18E-09
Biphenyl	Cumulative	URBN	Child	3.00E-10	1.65E-13	2.00E-05	1.31E-05	2.84E-08	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-07	1.33E-10	1.02E-10	0.00E+00	3.33E-05	1.01E-06	1.82E-14	2.02E-09	2.02E-09
Biphenyl	Cumulative	URBN	Adult	3.00E-10	1.89E-13	2.79E-05	8.74E-06	3.37E-08	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-07	2.00E-10	1.85E-10	0.00E+00	3.69E-05	5.23E-07	8.48E-15	1.05E-09	1.05E-09
Biphenyl	Project	ABOR	Infant	1.80E-10	1.51E-14	8.81E-06	3.43E-06	8.52E-09	1.07E-09	4.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-08	4.32E-11	1.97E-11	0.00E+00	1.72E-05	2.10E-06	4.39E-14	4.19E-09	4.19E-09
Biphenyl	Project	ABOR	Toddler	7.20E-10	5.68E-14	8.20E-06	2.17E-05	1.17E-08	1.07E-09	4.89E-06	1.29E-08	4.89E-06	2.12E-06	7.39E-09	5.62E-09	8.48E-08	5.81E-11	3.48E-11	0.00E+00	4.19E-05	2.54E-06	8.73E-14	5.08E-09	5.08E-09
Biphenyl	Project	ABOR	Adolescent	1.80E-10	1.07E-13																			



Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																			RQ Soil	RQ Oral	RQ Total	
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total					
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI					
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless					
Biphenyl	Future	ABOR	Infant	1.82E-10	1.52E-14	8.92E-06	3.47E-06	8.63E-09	1.08E-09	4.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-08	4.38E-11	2.00E-11	0.00E+00	1.74E-05	2.12E-06	4.45E-14	4.24E-09	4.24E-09
Biphenyl	Future	ABOR	Toddler	7.30E-10	5.75E-14	8.30E-06	2.20E-05	1.19E-08	1.08E-09	4.96E-06	1.31E-08	4.96E-06	2.06E-06	7.17E-09	5.45E-09	6.12E-08	5.88E-11	3.53E-11	0.00E+00	4.23E-05	2.57E-06	8.84E-14	5.13E-09	5.13E-09		
Biphenyl	Future	ABOR	Adolescent	1.82E-10	1.08E-13	1.49E-05	4.63E-05	2.48E-08	1.08E-09	4.96E-06	2.62E-08	8.67E-06	4.20E-06	7.17E-09	1.64E-08	1.45E-07	1.09E-10	9.85E-11	0.00E+00	7.92E-05	1.33E-06	6.11E-15	2.65E-09	2.65E-09		
Biphenyl	Future	ABOR	Child	1.82E-10	1.00E-13	1.21E-05	4.16E-05	1.73E-08	1.08E-09	4.96E-06	2.22E-08	7.43E-06	3.03E-06	7.17E-09	1.09E-08	9.82E-08	8.07E-11	6.22E-11	0.00E+00	6.93E-05	2.11E-06	1.11E-14	4.22E-09	4.22E-09		
Biphenyl	Future	ABOR	Adult	1.82E-10	1.15E-13	1.70E-05	5.09E-05	2.05E-08	1.08E-09	4.96E-06	2.62E-08	9.91E-06	6.51E-06	1.43E-08	2.18E-08	1.65E-07	1.22E-10	1.12E-10	0.00E+00	8.95E-05	1.27E-06	5.16E-15	2.53E-09	2.53E-09		
Biphenyl	Future	URBN	Infant	2.76E-10	2.31E-14	1.35E-05	1.75E-07	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-08	6.62E-11	3.02E-11	0.00E+00	1.37E-05	1.67E-06	6.73E-14	3.35E-09	3.35E-09	
Biphenyl	Future	URBN	Toddler	1.10E-09	8.70E-14	1.26E-05	7.00E-06	1.80E-08	0.00E+00	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-08	8.90E-11	5.34E-11	0.00E+00	1.96E-05	1.19E-06	1.34E-13	2.38E-09	2.38E-09	
Biphenyl	Future	URBN	Adolescent	2.76E-10	1.64E-13	2.25E-05	9.80E-06	3.75E-08	0.00E+00	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	1.66E-10	1.49E-10	0.00E+00	3.25E-05	5.44E-07	9.24E-15	1.09E-09	1.09E-09	
Biphenyl	Future	URBN	Child	2.76E-10	1.52E-13	1.84E-05	1.21E-05	2.61E-08	0.00E+00	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-08	1.22E-10	9.41E-11	0.00E+00	3.06E-05	9.29E-07	1.68E-14	1.86E-09	1.86E-09	
Biphenyl	Future	URBN	Adult	2.76E-10	1.74E-13	2.57E-05	8.05E-06	3.10E-08	0.00E+00	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-07	1.84E-10	1.70E-10	0.00E+00	3.39E-05	4.80E-07	7.80E-15	9.60E-10	9.60E-10	
Cadmium	Baseline	ABOR	Infant	5.92E-03	4.95E-07	5.07E-03	1.97E-03	2.27E-03	2.84E-04	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-05	9.46E-05	4.32E-05	0.00E+00	1.86E-02	2.26E-03	7.21E-04	1.54E-03	2.26E-03	
Cadmium	Baseline	ABOR	Toddler	2.37E-02	1.87E-06	4.72E-03	1.25E-02	3.12E-03	2.84E-04	2.82E-03	1.31E+00	5.98E-04	7.13E-04	1.02E-03	1.92E-06	1.37E-03	1.27E-04	7.63E-05	0.00E+00	1.36E+00	8.23E-02	1.43E-03	8.09E-02	8.23E-02		
Cadmium	Baseline	ABOR	Adolescent	5.92E-03	3.51E-06	8.45E-03	2.63E-02	6.53E-03	2.84E-04	2.82E-03	2.61E+00	1.05E-03	1.45E-03	1.02E-03	5.76E-06	9.87E-04	2.37E-04	2.13E-04	0.00E+00	2.67E+00	4.47E-02	9.91E-05	4.46E-02	4.47E-02		
Cadmium	Baseline	ABOR	Child	5.92E-03	3.26E-06	6.90E-03	2.37E-02	4.54E-03	2.84E-04	2.82E-03	2.21E+00	8.97E-04	1.05E-03	1.02E-03	3.84E-06	1.47E-03	1.74E-04	1.35E-04	0.00E+00	2.26E+00	6.87E-02	1.80E-04	6.85E-02	6.87E-02		
Cadmium	Baseline	ABOR	Adult	5.92E-03	3.73E-06	9.65E-03	2.89E-02	5.39E-03	2.84E-04	2.82E-03	2.61E+00	1.20E-03	2.25E-03	2.03E-03	7.68E-06	1.04E-03	2.63E-04	2.43E-04	0.00E+00	2.67E+00	3.78E-02	8.37E-05	3.77E-02	3.78E-02		
Cadmium	Baseline	URBN	Infant	5.92E-03	4.95E-07	5.07E-03	6.57E-05	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-05	9.47E-05	4.32E-05	0.00E+00	1.36E-02	1.65E-03	7.22E-04	9.31E-04	1.65E-03		
Cadmium	Baseline	URBN	Toddler	2.37E-02	1.87E-06	4.72E-03	2.63E-03	3.12E-03	0.00E+00	0.00E+00	1.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	1.27E-04	7.63E-05	0.00E+00	1.14E+00	6.92E-02	1.43E-03	6.78E-02	6.92E-02		
Cadmium	Baseline	URBN	Adolescent	5.92E-03	3.51E-06	8.45E-03	3.68E-03	6.53E-03	0.00E+00	0.00E+00	1.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-04	2.37E-04	2.13E-04	0.00E+00	1.13E+00	1.90E-02	9.91E-05	1.89E-02	1.90E-02		
Cadmium	Baseline	URBN	Child	5.92E-03	3.26E-06	6.90E-03	4.54E-03	4.54E-03	0.00E+00	0.00E+00	1.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	1.75E-04	1.35E-04	0.00E+00	1.13E+00	3.43E-02	1.80E-04	3.42E-02	3.43E-02		
Cadmium	Baseline	URBN	Adult	5.92E-03	3.73E-06	9.65E-03	3.02E-03	5.40E-03	0.00E+00	0.00E+00	1.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	2.63E-04	2.43E-04	0.00E+00	1.13E+00	1.60E-02	8.37E-05	1.59E-02	1.60E-02		
Cadmium	Application	ABOR	Infant	5.96E-03	4.99E-07	5.11E-03	1.99E-03	2.29E-03	2.86E-04	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05	9.54E-05	4.35E-05	0.00E+00	1.87E-02	2.28E-03	7.27E-04	1.55E-03	2.28E-03		
Cadmium	Application	ABOR	Toddler	2.39E-02	1.88E-06	4.76E-03	1.26E-02	3.15E-03	2.86E-04	2.84E-03	1.32E+00	6.03E-04	7.23E-04	1.03E-03	1.95E-06	1.38E-03	1.28E-04	7.69E-05	0.00E+00	1.37E+00	8.30E-02	1.45E-03	8.16E-02	8.30E-02		
Cadmium	Application	ABOR	Adolescent	5.96E-03	3.54E-06	8.52E-03	2.65E-02	6.58E-03	2.86E-04	2.84E-03	2.64E+00	1.06E-03	1.48E-03	1.03E-03	5.85E-06	9.96E-04	2.39E-04	2.15E-04	0.00E+00	2.69E+00	4.51E-02	9.99E-05	4.50E-02	4.51E-02		
Cadmium	Application	ABOR	Child	5.96E-03	3.29E-06	6.96E-03	2.39E-02	4.58E-03	2.86E-04	2.84E-03	2.23E+00	9.05E-04	1.06E-03	1.03E-03	3.90E-06	1.48E-03	1.76E-04	1.36E-04	0.00E+00	2.28E+00	6.93E-02	1.81E-04	6.91E-02	6.93E-02		
Cadmium	Application	ABOR	Adult	5.96E-03	3.76E-06	9.73E-03	2.92E-02	5.44E-03	2.86E-04	2.84E-03	2.64E+00	1.21E-03	2.29E-03	2.07E-03	7.81E-06	1.05E-03	2.65E-04	2.45E-04	0.00E+00	2.70E+00	3.81E-02	8.44E-05	3.81E-02	3.81E-02		
Cadmium	Application	URBN	Infant	5.96E-03	4.99E-07	5.11E-03	6.63E-05	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05	9.54E-05	4.35E-05	0.00E+00	1.37E-02	1.67E-03	7.27E-04	9.39E-04	1.67E-03		
Cadmium	Application	URBN	Toddler	2.39E-02	1.88E-06	4.76E-03	2.65E-03	3.15E-03	0.00E+00	0.00E+00	1.12E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	1.28E-04	7.69E-05	0.00E+00	1.15E+00	6.98E-02	1.45E-03	6.83E-02	6.98E-02		
Cadmium	Application	URBN	Adolescent	5.96E-03	3.54E-06	8.52E-03	3.71E-03	6.58E-03	0.00E+00	0.00E+00	1.12E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-04	2.39E-04	2.15E-04	0.00E+00	1.14E+00	1.91E-02	9.99E-05	1.90E-02	1.91E-02		
Cadmium	Application	URBN	Child	5.96E-03	3.29E-06	6.96E-03	4.57E-03	4.58E-03	0.00E+00	0.00E+00	1.12E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	1.76E-04	1.36E-04	0.00E+00	1.14E+00	3.46E-02	1.81E-04	3.44E-02	3.46E-02		
Cadmium	Application	URBN	Adult	5.96E-03	3.76E-06	9.73E-03	3.05E-03	5.44E-03	0.00E+00	0.00E+00	1.12E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	2.65E-04	2.45E-04	0.00E+00	1.14E+00	1.61E-02	8.44E-05	1.61E-02	1.61E-02		
Cadmium	Cumulative	ABOR	Infant	5.94E-03	4.97E-07	5.09E-03	1.98E-03	2.28E-03	2.85E-04	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-05	9.51E-05	4.34E-05	0.00E+00	1.86E-02	2.27E-03	7.25E-04	1.55E-03	2.27E-03		
Cadmium	Cumulative	ABOR	Toddler	2.38E-02	1.87E-06	4.74E-03	1.25E-02	3.14E-03	2.85E-04	2.83E-03	1.32E+00	6.01E-04	7.23E-04	1.03E-03	1.95E-06	1.38E-03	1.28E-04	7.67E-05	0.00E+00	1.37E+00	8.28E-02	1.44E-03	8.14E-02	8.28E-02		
Cadmium	Cumulative	ABOR	Adolescent	5.94E-03	3.52E-06	8.49E-03	2.64E-02	6.56E-03	2.85E-04	2.83E-03	2.63E+00	1.05E-03	1.48E-03	1.03E-03	5.85E-06	9.97E-04	2.38E-04	2.14E-04	0.00E+00	2.69E+00	4.50E-02	9.96E-05	4.49E-02	4.50E-02		
Cadmium	Cumulative	ABOR	Child	5.94E-03	3.28E-06	6.93E-03	2.38E-02	4.57E-03	2.85E-04	2.83E-03	2.23E+00	9.01E-04	1.06E-03	1.03E-03	3.90E-06	1.48E-03	1.75E-04	1.35E-04	0.00E+00	2.27E+00	6.91E-02	1.81E-04	6.90E-02	6.91E-02		
Cadmium	Cumulative	ABOR	Adult	5.94E-03	3.75E-06	9.69E-03	2.91E-02	5.42E-03	2.85E-04	2.83E-03	2.63E+00	1.20E-03	2.29E-03	2.07E-03	7.81E-06	1.05E-03	2.65E-04	2.44E-04	0.00E+00	2.69E+00	3.81E-02	8.41E-05	3.80E-02	3.81E-02		
Cadmium	Cumulative	URBN	Infant	5.97E-03	4.99E-07	5.12E-03	6.63E-05	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-05	9.56E-05	4.36E-05	0.00E+00	1.37E-02	1.67E-03	7.28E-04	9.40E-04	1.67E-03			
Cadmium	Cumulative	URBN	Toddler	2.39E-02	1.88E-06	4.76E-03	2.65E-03	3.15E-03	0.00E+00	0.00E+00	1.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	1.28E-04	7.70E-05	0.00E+00	1.15E+00	6.96E-02	1.45E-03	6.82E-02	6.96E-02		
Cadmium	Cumulative	URBN	Adolescent	5.97E-03	3.54E-06	8.53E-03	3.72E-03	6.59E-03	0.00E+00	0.00E+00	1.11E+00	0.00E+00	0.00E+00	0.00E+00	0											

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																			RQ Soil	RQ Oral	RQ Total
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Cadmium	Project	URBN	Toddler	2.32E-04	1.83E-08	4.62E-05	2.58E-05	3.06E-05	0.00E+00	0.00E+00	7.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-06	1.25E-06	7.48E-07	0.00E+00	7.63E-03	4.62E-04	1.41E-05	4.48E-04	4.62E-04
Cadmium	Project	URBN	Adolescent	5.80E-05	3.44E-08	8.28E-05	3.61E-05	6.40E-05	0.00E+00	0.00E+00	7.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-06	2.32E-06	2.09E-06	0.00E+00	7.53E-03	1.26E-04	9.71E-07	1.25E-04	1.26E-04
Cadmium	Project	URBN	Child	5.80E-05	3.19E-08	6.76E-05	4.44E-05	4.45E-05	0.00E+00	0.00E+00	7.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-06	1.71E-06	1.32E-06	0.00E+00	7.51E-03	2.28E-04	1.76E-06	2.26E-04	2.28E-04
Cadmium	Project	URBN	Adult	5.80E-05	3.66E-08	9.45E-05	2.96E-05	5.29E-05	0.00E+00	0.00E+00	7.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-06	2.58E-06	2.38E-06	0.00E+00	7.53E-03	1.06E-04	8.20E-07	1.06E-04	1.06E-04
Cadmium	Future	ABOR	Infant	3.12E-05	2.61E-09	2.68E-05	1.04E-05	1.20E-05	1.50E-06	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	5.00E-07	2.28E-07	0.00E+00	9.77E-05	1.19E-05	3.81E-06	8.11E-06	1.19E-05
Cadmium	Future	ABOR	Toddler	1.25E-04	9.85E-09	2.49E-05	6.59E-05	1.65E-05	1.50E-06	1.49E-05	8.07E-03	3.16E-06	8.21E-05	8.63E-05	2.03E-07	3.32E-06	6.71E-07	4.03E-07	0.00E+00	0.00E+00	8.49E-03	5.15E-04	7.57E-06	5.07E-04	5.15E-04
Cadmium	Future	ABOR	Adolescent	3.12E-05	1.85E-08	4.46E-05	1.39E-04	3.45E-05	1.50E-06	1.49E-05	1.61E-02	5.53E-06	1.68E-04	8.63E-05	6.10E-07	2.39E-06	1.25E-06	1.12E-06	0.00E+00	1.67E-02	2.79E-04	5.23E-07	2.79E-04	2.79E-04	
Cadmium	Future	ABOR	Child	3.12E-05	1.72E-08	3.64E-05	1.25E-04	2.40E-05	1.50E-06	1.49E-05	1.37E-02	4.74E-06	1.21E-04	8.63E-05	4.07E-07	3.55E-06	9.21E-07	7.11E-07	0.00E+00	1.41E-02	4.29E-04	9.49E-07	4.28E-04	4.29E-04	
Cadmium	Future	ABOR	Adult	3.12E-05	1.97E-08	5.09E-05	1.53E-04	2.85E-05	1.50E-06	1.49E-05	1.61E-02	6.32E-06	2.60E-04	1.73E-04	8.13E-07	2.52E-06	1.39E-06	1.28E-06	0.00E+00	1.69E-02	2.38E-04	4.42E-07	2.38E-04	2.38E-04	
Cadmium	Future	URBN	Infant	5.45E-05	4.55E-09	4.67E-05	6.05E-07	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	8.71E-07	3.97E-07	0.00E+00	1.24E-04	1.51E-05	6.64E-06	8.50E-06	1.51E-05	
Cadmium	Future	URBN	Toddler	2.18E-04	1.72E-08	4.34E-05	2.42E-05	2.87E-05	0.00E+00	0.00E+00	6.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-06	1.17E-06	7.02E-07	0.00E+00	7.14E-03	4.33E-04	1.32E-05	4.20E-04	4.33E-04	
Cadmium	Future	URBN	Adolescent	5.45E-05	3.23E-08	7.78E-05	3.39E-05	6.01E-05	0.00E+00	0.00E+00	6.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-06	2.18E-06	1.96E-06	0.00E+00	7.06E-03	1.18E-04	9.12E-07	1.17E-04	1.18E-04	
Cadmium	Future	URBN	Child	5.45E-05	3.00E-08	6.35E-05	4.17E-05	4.18E-05	0.00E+00	0.00E+00	6.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.61E-06	1.24E-06	0.00E+00	7.03E-03	2.14E-04	1.66E-06	1.22E-04	2.14E-04	
Cadmium	Future	URBN	Adult	5.45E-05	3.43E-08	8.88E-05	2.78E-05	4.97E-05	0.00E+00	0.00E+00	6.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-06	2.42E-06	2.24E-06	0.00E+00	7.05E-03	9.98E-05	7.70E-07	9.90E-05	9.98E-05	
Chromium (Cr3+)	Baseline	ABOR	Infant	1.48E-02	1.24E-06	3.08E-03	1.20E-03	4.00E-04	4.99E-05	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	2.37E-03	1.08E-03	0.00E+00	2.49E-02	3.03E-03	1.20E-06	8.19E-07	2.02E-06	
Chromium (Cr3+)	Baseline	ABOR	Toddler	5.92E-02	4.67E-06	2.87E-03	7.59E-03	5.49E-04	4.99E-05	1.71E-03	3.75E-01	1.50E-03	1.46E-02	3.32E-05	5.82E-05	2.85E-03	3.18E-03	1.91E-03	0.00E+00	4.71E-01	2.85E-02	2.39E-06	1.66E-05	1.90E-05	
Chromium (Cr3+)	Baseline	ABOR	Adolescent	1.48E-02	8.77E-06	5.14E-03	1.60E-02	1.15E-03	4.99E-05	1.71E-03	7.50E-01	2.62E-03	2.97E-02	3.32E-05	1.74E-04	2.06E-03	5.92E-03	5.33E-03	0.00E+00	8.35E-01	1.40E-02	1.65E-07	9.16E-06	9.32E-06	
Chromium (Cr3+)	Baseline	ABOR	Child	1.48E-02	8.15E-06	4.20E-03	1.44E-02	7.99E-04	4.99E-05	1.71E-03	6.35E-01	2.24E-03	2.14E-02	3.32E-05	1.16E-04	3.06E-03	4.36E-03	3.37E-03	0.00E+00	7.05E-01	2.14E-02	3.00E-07	1.40E-05	1.43E-05	
Chromium (Cr3+)	Baseline	ABOR	Adult	1.48E-02	9.33E-06	5.87E-03	1.76E-02	9.49E-04	4.99E-05	1.71E-03	7.50E-01	2.99E-03	4.61E-02	6.64E-05	2.33E-04	2.17E-03	6.58E-03	6.08E-03	0.00E+00	8.55E-01	1.21E-02	1.40E-07	7.92E-06	8.06E-06	
Chromium (Cr3+)	Baseline	URBN	Infant	1.48E-02	1.24E-06	3.08E-03	4.00E-05	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	2.37E-03	1.08E-03	0.00E+00	2.20E-02	2.68E-03	1.20E-06	5.82E-07	1.79E-06	
Chromium (Cr3+)	Baseline	URBN	Toddler	5.92E-02	4.67E-06	2.87E-03	1.60E-03	5.50E-04	0.00E+00	0.00E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03	3.18E-03	1.91E-03	0.00E+00	3.90E-01	2.36E-02	2.39E-06	1.33E-05	1.57E-05	
Chromium (Cr3+)	Baseline	URBN	Adolescent	1.48E-02	8.78E-06	5.14E-03	2.24E-03	1.15E-03	0.00E+00	0.00E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	5.92E-03	5.33E-03	0.00E+00	3.54E-01	5.93E-03	1.65E-07	3.79E-06	3.95E-06	
Chromium (Cr3+)	Baseline	URBN	Child	1.48E-02	8.16E-06	4.20E-03	2.76E-03	8.00E-04	0.00E+00	0.00E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	4.37E-03	3.37E-03	0.00E+00	3.51E-01	1.07E-02	3.00E-07	6.81E-06	7.11E-06	
Chromium (Cr3+)	Baseline	URBN	Adult	1.48E-02	9.34E-06	5.87E-03	1.84E-03	9.49E-04	0.00E+00	0.00E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	6.59E-03	6.09E-03	0.00E+00	3.56E-01	5.03E-03	1.40E-07	8.21E-06	3.35E-06	
Chromium (Cr3+)	Application	ABOR	Infant	1.49E-02	1.24E-06	3.10E-03	1.21E-03	4.02E-04	5.02E-05	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	2.38E-03	1.09E-03	0.00E+00	2.50E-02	3.05E-03	1.21E-06	8.24E-07	2.03E-06	
Chromium (Cr3+)	Application	ABOR	Toddler	5.95E-02	4.69E-06	2.89E-03	7.64E-03	5.52E-04	5.02E-05	1.72E-03	3.79E-01	1.50E-03	1.50E-02	3.41E-05	5.98E-05	2.88E-03	3.20E-03	1.92E-03	0.00E+00	4.76E-01	2.88E-02	2.41E-06	1.68E-05	1.92E-05	
Chromium (Cr3+)	Application	ABOR	Adolescent	1.49E-02	8.82E-06	5.17E-03	1.61E-02	1.16E-03	5.02E-05	1.72E-03	7.58E-01	2.63E-03	3.06E-02	3.41E-05	1.79E-04	2.08E-03	5.95E-03	5.36E-03	0.00E+00	8.43E-01	1.41E-02	1.66E-07	9.25E-06	9.42E-06	
Chromium (Cr3+)	Application	ABOR	Child	1.49E-02	8.20E-06	4.22E-03	1.45E-02	1.04E-04	5.02E-05	1.72E-03	6.41E-01	2.26E-03	2.20E-02	3.41E-05	1.20E-04	3.09E-03	4.39E-03	3.39E-03	0.00E+00	7.12E-01	2.17E-02	3.02E-07	1.41E-05	1.44E-05	
Chromium (Cr3+)	Application	ABOR	Adult	1.49E-02	9.39E-06	5.90E-03	1.77E-02	9.54E-04	5.02E-05	1.72E-03	7.58E-01	3.01E-03	4.74E-02	6.83E-05	2.39E-04	2.19E-03	6.62E-03	6.12E-03	0.00E+00	8.64E-01	1.22E-02	1.40E-07	8.01E-06	8.15E-06	
Chromium (Cr3+)	Application	URBN	Infant	1.50E-02	1.25E-06	3.13E-03	4.05E-05	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	2.40E-03	1.10E-03	0.00E+00	2.23E-02	2.71E-03	1.22E-06	5.90E-07	1.81E-06	
Chromium (Cr3+)	Application	URBN	Toddler	6.00E-02	4.73E-06	2.91E-03	1.62E-03	5.57E-04	0.00E+00	0.00E+00	3.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03	3.23E-03	1.94E-03	0.00E+00	3.94E-01	2.39E-02	2.42E-06	1.35E-05	1.59E-05	
Chromium (Cr3+)	Application	URBN	Adolescent	1.50E-02	8.89E-06	5.21E-03	2.27E-03	1.16E-03	0.00E+00	0.00E+00	3.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	6.00E-03	5.40E-03	0.00E+00	3.58E-01	5.99E-03	1.68E-07	3.83E-06	3.99E-06	
Chromium (Cr3+)	Application	URBN	Child	1.50E-02	8.27E-06	4.25E-03	2.80E-03	8.10E-04	0.00E+00	0.00E+00	3.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03	4.43E-03	3.41E-03	0.00E+00	3.54E-01	1.08E-02	3.04E-07	6.88E-06	7.18E-06	
Chromium (Cr3+)	Application	URBN	Adult	1.50E-02	9.46E-06	5.95E-03	1.86E-03	9.62E-04	0.00E+00	0.00E+00	3.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	6.68E-03	6.17E-03	0.00E+00	3.59E-01	5.08E-03	1.41E-07	3.25E-06	3.39E-06	
Chromium (Cr3+)	Cumulative	ABOR	Infant	1.49E-02	1.25E-06	3.10E-03	1.21E-03	4.02E-04	5.03E-05	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	2.38E-03	1.09E-03	0.00E+00	2.50E-02	3.05E-03	1.21E-06	8.25E-07	2.04E-06	
Chromium (Cr3+)	Cumulative	ABOR	Toddler	5.96E-02	4.70E-06	2.89E-03	7.64E-03	5.53E-04	5.03E-05	1.72E-03	3.78E-01	1.51E-03	1.50E-02	3.41E-05	5.98E-05	2.88E-03	3.20E-03	1.92E-03	0.00E+00	4.75E-01	2.88E-02	2.41E-06	1.68E-05	1.92E-05	
Chromium (Cr3+)	Cumulative	ABOR	Adolescent	1.49E-02	8.83E-06	5.17E-03	1.61E-02	1.16E-03	5.03E-05	1.72E-03	7.56E-01	2.64E-03	3.06E-02	3.41E-05	1.79E-04	2.08E-03	5.96E-03	5.36E-03	0.00E+00	8.42E-01	1.41E-02	1.66E-07	9.24E-06	9.40E-06	
Chromium (Cr3+)	Cumulative	ABOR	Child	1.49E-02	8.21E-06	4.22E-03	1.45E-02	8.04E-04	5.03E-05																

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total			
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI			
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless			
Chromium (Cr3+)	Project	ABOR	Adolescent	1.14E-04	6.77E-08	3.96E-05	1.23E-04	8.86E-06	3.85E-07	1.32E-05	6.69E-03	2.02E-05	9.47E-04	1.07E-06	5.60E-06	1.20E-05	4.57E-05	4.11E-05	0.00E+00	8.06E-03	1.35E-04	1.27E-09	8.87E-08	9.00E-08
Chromium (Cr3+)	Project	ABOR	Child	1.14E-04	6.29E-08	3.24E-05	1.11E-04	6.17E-06	3.85E-07	1.32E-05	5.66E-03	1.73E-05	6.82E-04	1.07E-06	3.73E-06	1.79E-05	3.37E-05	2.60E-05	0.00E+00	6.72E-03	2.04E-04	2.31E-09	1.34E-07	1.36E-07
Chromium (Cr3+)	Project	ABOR	Adult	1.14E-04	7.20E-08	4.53E-05	1.36E-04	7.32E-06	3.85E-07	1.32E-05	6.69E-03	2.31E-05	1.47E-03	2.13E-06	7.47E-06	1.27E-05	5.08E-05	4.69E-05	0.00E+00	8.62E-03	1.22E-04	1.08E-09	8.02E-08	8.12E-08
Chromium (Cr3+)	Project	URBN	Infant	1.96E-04	1.64E-08	4.09E-05	5.30E-07	5.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-06	3.14E-05	1.43E-05	0.00E+00	2.90E-04	3.54E-05	1.60E-08	7.61E-09	2.36E-08
Chromium (Cr3+)	Project	URBN	Toddler	7.85E-04	6.19E-08	3.81E-05	2.12E-05	7.29E-06	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	4.22E-05	2.53E-05	0.00E+00	3.77E-03	2.28E-04	3.17E-08	1.20E-07	1.52E-07
Chromium (Cr3+)	Project	URBN	Adolescent	1.96E-04	1.16E-07	6.82E-05	2.97E-05	1.52E-05	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05	7.85E-05	7.07E-05	0.00E+00	3.30E-03	5.53E-05	2.19E-09	3.47E-08	3.69E-08
Chromium (Cr3+)	Project	URBN	Child	1.96E-04	1.08E-07	5.57E-05	3.66E-05	1.06E-05	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	5.79E-05	4.47E-05	0.00E+00	3.25E-03	9.88E-05	3.98E-09	6.19E-08	6.59E-08
Chromium (Cr3+)	Project	URBN	Adult	1.96E-04	1.24E-07	7.78E-05	2.44E-05	1.26E-05	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	8.74E-05	8.07E-05	0.00E+00	3.32E-03	4.70E-05	1.85E-09	2.95E-08	3.13E-08
Chromium (Cr3+)	Future	ABOR	Infant	1.06E-04	8.84E-09	2.20E-05	8.57E-06	2.86E-06	3.57E-07	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-07	1.69E-05	7.72E-06	0.00E+00	1.77E-04	2.16E-05	8.60E-09	5.81E-09	1.44E-08
Chromium (Cr3+)	Future	ABOR	Toddler	4.23E-04	3.34E-08	2.05E-05	5.43E-05	3.93E-06	3.57E-07	1.22E-05	3.13E-03	1.07E-05	4.16E-04	9.55E-07	1.67E-06	1.12E-05	2.27E-05	1.36E-05	0.00E+00	4.12E-03	2.50E-04	1.71E-08	1.50E-07	1.67E-07
Chromium (Cr3+)	Future	ABOR	Adolescent	1.06E-04	6.27E-08	3.67E-05	1.14E-04	8.21E-06	3.57E-07	1.22E-05	6.27E-03	1.87E-05	8.48E-04	9.55E-07	5.02E-06	8.10E-06	4.23E-05	3.81E-05	0.00E+00	7.51E-03	1.26E-04	1.18E-09	8.26E-08	8.38E-08
Chromium (Cr3+)	Future	ABOR	Child	1.06E-04	5.83E-08	3.00E-05	1.03E-04	5.71E-06	3.57E-07	1.22E-05	5.30E-03	1.60E-05	6.11E-04	9.55E-07	3.34E-06	1.20E-05	3.12E-05	2.41E-05	0.00E+00	6.26E-03	1.90E-04	2.14E-09	1.25E-07	1.27E-07
Chromium (Cr3+)	Future	ABOR	Adult	1.06E-04	6.67E-08	4.19E-05	1.26E-04	6.78E-06	3.57E-07	1.22E-05	6.27E-03	2.14E-05	1.31E-03	1.91E-06	6.69E-06	4.35E-05	8.53E-06	4.71E-05	0.00E+00	8.00E-03	1.13E-04	9.97E-10	7.45E-08	7.55E-08
Chromium (Cr3+)	Future	URBN	Infant	1.84E-04	1.54E-08	3.84E-05	4.98E-07	4.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-07	2.95E-05	1.35E-05	0.00E+00	2.72E-04	3.32E-05	1.50E-08	7.12E-09	2.21E-08
Chromium (Cr3+)	Future	URBN	Toddler	7.38E-04	5.82E-08	3.57E-05	1.99E-05	6.85E-06	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	3.96E-05	2.38E-05	0.00E+00	3.53E-03	2.14E-04	2.98E-08	1.13E-07	1.42E-07
Chromium (Cr3+)	Future	URBN	Adolescent	1.84E-04	1.09E-07	6.40E-05	2.79E-05	1.43E-05	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-06	7.38E-05	6.64E-05	0.00E+00	3.09E-03	5.18E-05	2.06E-09	3.25E-08	3.45E-08
Chromium (Cr3+)	Future	URBN	Child	1.84E-04	1.02E-07	5.23E-05	3.44E-05	9.96E-06	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05	5.44E-05	4.20E-05	0.00E+00	3.04E-03	9.24E-05	3.74E-09	5.79E-08	6.16E-08
Chromium (Cr3+)	Future	URBN	Adult	1.84E-04	1.16E-07	7.31E-05	2.29E-05	1.18E-05	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-06	8.21E-05	7.58E-05	0.00E+00	3.11E-03	4.40E-05	1.74E-09	2.76E-08	2.93E-08
Chromium (Cr6+)	Baseline	ABOR	Infant	1.48E-02	1.24E-06	3.08E-03	1.20E-03	3.99E-04	4.99E-05	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	2.36E-03	1.08E-03	0.00E+00	2.60E-02	3.17E-03	1.80E-03	1.37E-03	3.17E-03
Chromium (Cr6+)	Baseline	ABOR	Toddler	5.91E-02	4.66E-06	2.86E-03	7.58E-03	5.49E-04	4.99E-05	1.71E-03	3.75E-01	1.49E-03	1.49E-02	3.32E-05	5.83E-05	1.17E-02	3.18E-03	1.91E-03	0.00E+00	4.80E-01	2.91E-02	3.58E-03	2.55E-02	2.91E-02
Chromium (Cr6+)	Baseline	ABOR	Adolescent	1.48E-02	8.76E-06	5.13E-03	1.60E-02	1.15E-03	4.99E-05	1.71E-03	7.49E-01	2.61E-03	3.05E-02	3.32E-05	1.75E-04	1.05E-02	5.91E-03	5.32E-03	0.00E+00	8.43E-01	1.41E-02	2.48E-04	1.39E-02	1.41E-02
Chromium (Cr6+)	Baseline	ABOR	Child	1.48E-02	8.14E-06	4.19E-03	1.44E-02	7.98E-04	4.99E-05	1.71E-03	6.34E-01	2.24E-03	2.20E-02	3.32E-05	1.17E-04	1.32E-02	4.36E-03	3.36E-03	0.00E+00	7.15E-01	2.17E-02	4.49E-04	2.13E-02	2.17E-02
Chromium (Cr6+)	Baseline	ABOR	Adult	1.48E-02	9.32E-06	5.86E-03	1.76E-02	9.48E-04	4.99E-05	1.71E-03	7.49E-01	2.99E-03	4.73E-02	6.64E-05	2.33E-04	1.13E-02	6.58E-03	6.07E-03	0.00E+00	8.65E-01	1.22E-02	2.09E-04	1.20E-02	1.22E-02
Chromium (Cr6+)	Baseline	URBN	Infant	1.48E-02	1.24E-06	3.08E-03	3.99E-05	3.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	2.36E-03	1.08E-03	0.00E+00	2.31E-02	2.82E-03	1.80E-03	1.01E-03	2.82E-03
Chromium (Cr6+)	Baseline	URBN	Toddler	5.91E-02	4.66E-06	2.87E-03	1.60E-03	5.49E-04	0.00E+00	0.00E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02	3.18E-03	1.91E-03	0.00E+00	3.98E-01	2.41E-02	3.58E-03	2.05E-02	2.41E-02
Chromium (Cr6+)	Baseline	URBN	Adolescent	1.48E-02	8.76E-06	5.13E-03	2.24E-03	1.15E-03	0.00E+00	0.00E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02	5.91E-03	5.32E-03	0.00E+00	3.62E-01	6.06E-03	2.48E-04	5.82E-03	6.06E-03
Chromium (Cr6+)	Baseline	URBN	Child	1.48E-02	8.14E-06	4.19E-03	2.75E-03	7.98E-04	0.00E+00	0.00E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-02	4.36E-03	3.36E-03	0.00E+00	3.60E-01	1.10E-02	4.49E-04	1.05E-02	1.10E-02
Chromium (Cr6+)	Baseline	URBN	Adult	1.48E-02	9.32E-06	5.86E-03	1.84E-03	9.48E-04	0.00E+00	0.00E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-02	6.58E-03	6.08E-03	0.00E+00	3.64E-01	5.15E-03	2.09E-04	4.94E-03	5.15E-03
Chromium (Cr6+)	Application	ABOR	Infant	1.48E-02	1.24E-06	3.09E-03	1.20E-03	4.00E-04	5.00E-05	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	2.37E-03	1.08E-03	0.00E+00	2.61E-02	3.18E-03	1.81E-03	1.37E-03	3.18E-03
Chromium (Cr6+)	Application	ABOR	Toddler	5.93E-02	4.68E-06	2.87E-03	7.61E-03	5.50E-04	5.00E-05	1.72E-03	3.76E-01	1.50E-03	1.51E-02	3.36E-05	5.91E-05	1.17E-02	3.19E-03	1.91E-03	0.00E+00	4.81E-01	2.92E-02	3.59E-03	2.56E-02	2.92E-02
Chromium (Cr6+)	Application	ABOR	Adolescent	1.48E-02	8.79E-06	5.15E-03	1.60E-02	1.15E-03	5.00E-05	1.72E-03	7.52E-01	2.62E-03	3.09E-02	3.36E-05	1.77E-04	1.05E-02	5.93E-03	5.34E-03	0.00E+00	8.46E-01	1.42E-02	2.48E-04	1.39E-02	1.42E-02
Chromium (Cr6+)	Application	ABOR	Child	1.48E-02	8.17E-06	4.20E-03	1.44E-02	8.00E-04	5.00E-05	1.72E-03	6.36E-01	2.25E-03	2.22E-02	3.36E-05	1.18E-04	1.32E-02	4.37E-03	3.37E-03	0.00E+00	7.17E-01	2.18E-02	4.51E-04	2.14E-02	2.18E-02
Chromium (Cr6+)	Application	ABOR	Adult	1.48E-02	9.35E-06	5.88E-03	1.76E-02	9.51E-04	5.00E-05	1.72E-03	7.52E-01	3.00E-03	4.79E-02	6.72E-05	2.36E-04	1.13E-02	6.60E-03	6.09E-03	0.00E+00	8.68E-01	1.23E-02	2.10E-04	1.21E-02	1.23E-02
Chromium (Cr6+)	Application	URBN	Infant	1.49E-02	1.24E-06	3.10E-03	4.02E-05	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	2.38E-03	1.09E-03	0.00E+00	2.32E-02	2.84E-03	1.81E-03	1.02E-03	2.84E-03
Chromium (Cr6+)	Application	URBN	Toddler	5.95E-02	4.69E-06	2.89E-03	1.61E-03	5.52E-04	0.00E+00	0.00E+00	3.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02	3.20E-03	1.92E-03	0.00E+00	3.99E-01	2.42E-02	3.61E-03	2.06E-02	2.42E-02
Chromium (Cr6+)	Application	URBN	Adolescent	1.49E-02	8.82E-06	5.17E-03	2.25E-03	1.16E-03	0.00E+00	0.00E+00	3.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02	5.95E-03	5.36E-03	0.00E+00	3.63E-01	6.08E-03	2.49E-04	5.83E-03	6.08E-03
Chromium (Cr6+)	Application	URBN	Child	1.49E-02	8.20E-06	4.22E-03	2.77E-03	8.04E-04	0.00E+00	0.00E+00	3.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-02	4.39E-03	3.39E-03	0.00E+00	3.62E-01	1.10E-02	4.52E-04	1.05E-02	1.10E-02
Chromium (Cr6+)	Application	URBN	Adult	1.49E-02	9.39E-06	5.90E-03	1.85E-03	9.54E-04	0.00E+00	0.00E+00	3.18E-01													

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Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil Unitless	RQ Oral Unitless	RQ Total Unitless	
				Soil SIR ug/day	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR ug/day	Plant ug/day	Berries ug/day	Root ug/day	WildRoot ug/day	WildPlant ug/day	Shellfish ug/day	Seaweed ug/day	Deer ug/day	Ruffed_grouse ug/day	Snowshoe_hare ug/day	Surface Water ug/day	Hands ug/day	Other ug/day	Breast Milk ug/day	EDI ug/day	EDI ug/kg/day				
Chromium (Cr6+)	Cumulative	URBN	Child	1.49E-02	8.19E-06	4.21E-03	2.77E-03	8.02E-04	0.00E+00	0.00E+00	3.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-02	4.38E-03	3.38E-03	0.00E+00	3.62E-01	1.10E-02	4.52E-04	1.05E-02	1.10E-02
Chromium (Cr6+)	Cumulative	URBN	Adult	1.49E-02	9.37E-06	5.89E-03	1.85E-03	9.53E-04	0.00E+00	0.00E+00	3.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-02	6.61E-03	6.11E-03	0.00E+00	3.66E-01	5.17E-03	2.10E-04	4.96E-03	5.17E-03
Chromium (Cr6+)	Project	ABOR	Infant	4.65E-05	3.89E-09	9.69E-06	3.77E-06	1.26E-06	1.57E-07	5.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-07	7.44E-06	3.40E-06	0.00E+00	7.85E-05	9.57E-06	5.67E-06	3.90E-06	9.57E-06
Chromium (Cr6+)	Project	ABOR	Toddler	1.86E-04	1.47E-08	9.02E-06	2.39E-05	1.73E-06	1.57E-07	5.38E-06	1.36E-03	4.70E-06	1.89E-04	4.34E-07	7.61E-07	7.53E-06	1.00E-05	6.00E-06	0.00E+00	1.81E-03	1.10E-04	1.13E-05	9.83E-05	1.10E-04	
Chromium (Cr6+)	Project	ABOR	Adolescent	4.65E-05	2.76E-08	1.62E-05	5.03E-05	3.61E-06	1.57E-07	5.38E-06	2.73E-03	8.23E-06	3.86E-04	4.34E-07	2.28E-06	6.77E-06	1.86E-05	1.67E-05	0.00E+00	3.29E-03	5.51E-05	7.79E-07	5.43E-05	5.51E-05	
Chromium (Cr6+)	Project	ABOR	Child	4.65E-05	2.56E-08	1.32E-05	4.52E-05	2.51E-06	1.57E-07	5.38E-06	2.31E-03	7.06E-06	2.78E-04	4.34E-07	1.52E-06	8.50E-06	1.37E-05	1.06E-05	0.00E+00	2.74E-03	8.33E-05	1.41E-06	8.18E-05	8.33E-05	
Chromium (Cr6+)	Project	ABOR	Adult	4.65E-05	2.93E-08	1.84E-05	5.53E-05	2.98E-06	1.57E-07	5.38E-06	2.73E-03	9.41E-06	5.98E-04	8.69E-07	3.04E-06	7.29E-06	2.07E-05	1.91E-05	0.00E+00	3.51E-03	4.97E-05	6.58E-07	4.90E-05	4.97E-05	
Chromium (Cr6+)	Project	URBN	Infant	8.00E-05	6.69E-09	1.67E-05	2.16E-07	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-07	1.28E-05	5.84E-06	0.00E+00	1.19E-04	1.45E-05	9.76E-06	4.70E-06	1.45E-05
Chromium (Cr6+)	Project	URBN	Toddler	3.20E-04	2.52E-08	1.55E-05	8.64E-06	2.97E-06	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-06	1.72E-05	1.03E-05	0.00E+00	1.54E-03	9.31E-05	1.94E-05	7.37E-05	9.31E-05
Chromium (Cr6+)	Project	URBN	Adolescent	8.00E-05	4.74E-08	2.78E-05	1.21E-05	6.21E-06	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-06	3.20E-05	2.88E-05	0.00E+00	1.35E-03	2.26E-05	1.34E-06	2.12E-05	2.26E-05
Chromium (Cr6+)	Project	URBN	Child	8.00E-05	4.41E-08	2.27E-05	1.49E-05	4.32E-06	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-06	2.36E-05	1.82E-05	0.00E+00	1.33E-03	4.03E-05	2.43E-06	3.79E-05	4.03E-05
Chromium (Cr6+)	Project	URBN	Adult	8.00E-05	5.05E-08	3.17E-05	9.94E-06	5.13E-06	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-06	3.56E-05	3.29E-05	0.00E+00	1.36E-03	1.92E-05	1.13E-06	1.80E-05	1.92E-05
Chromium (Cr6+)	Future	ABOR	Infant	4.31E-05	3.60E-09	8.98E-06	3.49E-06	1.16E-06	1.45E-07	4.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-07	6.90E-06	3.15E-06	0.00E+00	7.25E-05	8.84E-06	5.26E-06	3.59E-06	8.84E-06
Chromium (Cr6+)	Future	ABOR	Toddler	1.72E-04	1.36E-08	8.36E-06	2.21E-05	1.60E-06	1.45E-07	4.99E-06	1.28E-03	4.36E-06	1.88E-04	4.33E-07	7.58E-07	5.08E-06	9.27E-06	5.56E-06	0.00E+00	1.70E-03	1.03E-04	1.04E-05	9.26E-05	1.03E-04	
Chromium (Cr6+)	Future	ABOR	Adolescent	4.31E-05	2.56E-08	1.50E-05	4.66E-05	3.35E-06	1.45E-07	4.99E-06	2.55E-03	7.63E-06	3.84E-04	4.33E-07	2.27E-06	4.56E-06	1.72E-05	1.55E-05	0.00E+00	3.10E-03	5.19E-05	7.22E-07	5.12E-05	5.19E-05	
Chromium (Cr6+)	Future	ABOR	Child	4.31E-05	2.37E-08	1.22E-05	4.19E-05	2.33E-06	1.45E-07	4.99E-06	2.16E-03	6.54E-06	2.77E-04	4.33E-07	1.52E-06	5.73E-06	1.27E-05	9.81E-06	0.00E+00	2.58E-03	7.84E-05	1.31E-06	7.71E-05	7.84E-05	
Chromium (Cr6+)	Future	ABOR	Adult	4.31E-05	2.72E-08	1.71E-05	5.12E-05	2.76E-06	1.45E-07	4.99E-06	2.55E-03	8.71E-06	5.96E-04	8.66E-07	3.03E-06	4.92E-06	1.92E-05	1.77E-05	0.00E+00	3.32E-03	4.70E-05	6.10E-07	4.64E-05	4.70E-05	
Chromium (Cr6+)	Future	URBN	Infant	7.51E-05	6.28E-09	1.57E-05	2.03E-07	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-07	1.20E-05	5.49E-06	0.00E+00	1.11E-04	1.36E-05	9.16E-06	4.39E-06	1.36E-05
Chromium (Cr6+)	Future	URBN	Toddler	3.01E-04	2.37E-08	1.46E-05	8.12E-06	2.79E-06	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-06	1.62E-05	9.69E-06	0.00E+00	1.44E-03	8.71E-05	1.82E-05	6.89E-05	8.71E-05
Chromium (Cr6+)	Future	URBN	Adolescent	7.51E-05	4.45E-08	2.61E-05	1.14E-05	5.83E-06	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-06	3.01E-05	2.71E-05	0.00E+00	1.26E-03	2.11E-05	1.26E-06	1.99E-05	2.11E-05
Chromium (Cr6+)	Future	URBN	Child	7.51E-05	4.14E-08	2.13E-05	1.40E-05	4.06E-06	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-06	2.22E-05	1.71E-05	0.00E+00	1.24E-03	3.77E-05	2.28E-06	3.54E-05	3.77E-05
Chromium (Cr6+)	Future	URBN	Adult	7.51E-05	4.74E-08	2.98E-05	9.33E-06	4.82E-06	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-06	3.34E-05	3.09E-05	0.00E+00	1.27E-03	1.79E-05	1.06E-06	1.69E-05	1.79E-05
Chrysene	Baseline	ABOR	Infant	2.39E-08	2.00E-12	4.05E-08	1.59E-08	9.96E-07	1.24E-07	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-07	5.75E-09	2.62E-09	6.11E-07	2.35E-06	2.87E-07	2.09E-06	2.03E-04	2.05E-04
Chrysene	Baseline	ABOR	Toddler	9.58E-08	7.55E-12	3.77E-08	1.01E-07	1.37E-06	1.24E-07	2.25E-08	8.46E-07	2.13E-08	6.48E-09	2.67E-11	1.87E-11	8.77E-07	7.72E-09	4.63E-09	0.00E+00	3.51E-06	2.13E-07	4.15E-06	1.48E-04	1.52E-04	
Chrysene	Baseline	ABOR	Adolescent	2.39E-08	1.42E-11	6.75E-08	2.12E-07	2.86E-06	1.24E-07	2.25E-08	1.69E-06	3.72E-08	1.32E-08	2.67E-11	5.62E-11	1.29E-06	1.44E-08	1.29E-08	0.00E+00	7.27E-06	1.22E-07	2.87E-07	8.67E-05	8.70E-05	
Chrysene	Baseline	ABOR	Child	2.39E-08	1.32E-11	5.51E-08	1.91E-07	1.99E-06	1.24E-07	2.25E-08	1.43E-06	3.19E-08	9.53E-09	2.67E-11	3.74E-11	1.44E-06	1.06E-08	8.17E-09	0.00E+00	5.34E-06	1.62E-07	5.20E-07	1.15E-04	1.16E-04	
Chrysene	Baseline	ABOR	Adult	2.39E-08	1.51E-11	7.70E-08	2.33E-07	2.37E-06	1.24E-07	2.25E-08	1.69E-06	4.25E-08	2.05E-08	5.33E-11	7.49E-11	2.49E-06	1.60E-08	1.48E-08	0.00E+00	7.13E-06	1.01E-07	2.42E-07	7.18E-05	7.20E-05	
Chrysene	Baseline	URBN	Infant	3.09E-08	2.59E-12	5.23E-08	6.84E-10	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-07	7.42E-09	3.39E-09	5.54E-07	2.45E-06	2.98E-07	2.69E-06	2.10E-04	2.13E-04
Chrysene	Baseline	URBN	Toddler	1.24E-07	9.76E-12	4.87E-08	2.74E-08	1.77E-06	0.00E+00	0.00E+00	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-07	9.97E-09	5.98E-09	0.00E+00	3.58E-06	2.17E-07	5.36E-06	1.49E-04	1.55E-04
Chrysene	Baseline	URBN	Adolescent	3.09E-08	1.83E-11	8.72E-08	3.83E-08	3.70E-06	0.00E+00	0.00E+00	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-06	1.86E-08	1.67E-08	0.00E+00	6.79E-06	1.14E-07	3.70E-07	8.09E-05	8.13E-05
Chrysene	Baseline	URBN	Child	3.09E-08	1.70E-11	7.12E-08	4.72E-08	2.57E-06	0.00E+00	0.00E+00	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-06	1.37E-08	1.06E-08	0.00E+00	4.90E-06	1.49E-07	6.71E-07	1.06E-04	1.06E-04
Chrysene	Baseline	URBN	Adult	3.09E-08	1.95E-11	9.95E-08	3.15E-08	3.05E-06	0.00E+00	0.00E+00	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-06	2.06E-08	1.91E-08	0.00E+00	6.47E-06	9.15E-08	3.12E-07	6.50E-05	6.53E-05
Chrysene	Application	ABOR	Infant	1.06E-07	8.87E-12	1.79E-07	7.03E-08	4.41E-06	5.51E-07	9.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-06	2.55E-08	1.16E-08	2.62E-06	9.75E-06	1.19E-06	9.24E-06	8.40E-04	8.49E-04
Chrysene	Application	ABOR	Toddler	4.24E-07	3.35E-11	1.67E-07	4.46E-07	6.06E-06	5.51E-07	9.96E-08	4.67E-06	9.42E-08	3.29E-08	1.35E-10	9.50E-11	2.87E-06	3.42E-08	2.05E-08	0.00E+00	1.55E-05	9.38E-07	1.84E-05	6.52E-04	6.70E-04	
Chrysene	Application	ABOR	Adolescent	1.06E-07	6.29E-11	2.99E-07	9.38E-07	1.27E-05	5.51E-07	9.96E-08	9.34E-06	1.65E-07	6.72E-08	1.35E-10	2.85E-10	7.17E-06	6.36E-08	5.73E-08	0.00E+00	3.15E-05	5.28E-07	1.27E-06	3.76E-04	3.77E-04	
Chrysene	Application	ABOR	Child	1.06E-07	5.84E-11	2.44E-07	8.44E-07	8.82E-06	5.51E-07	9.96E-08	7.91E-06	1.41E-07	4.84E-08	1.35E-10	1.90E-10	4.73E-06	4.69E-08	3.62E-08	0.00E+00	2.36E-05	7.17E-07	2.30E-06	5.10E-04	5.12E-04	
Chrysene	Application	ABOR	Adult	1.06E-07	6.69E-11	3.41E-07	1.03E-06	1.05E-05	5.51E-07	9.96E-08	9.34E-06	1.88E-07	1.04E-07	2.71E-10	3.80E-10	8.17E-06	7.08E-08	6.54E-08	0.00E+00	3.06E-05	4.32E-07	1.07E-06	3.08E-04	3.09E-04	
Chrysene	Application	URBN	Infant	1.76E-07	1.47E-11	2.98E-07	3.90E-09	7.3																	

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Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total			
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI			
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless			
Chrysene	Cumulative	ABOR	Adult	9.77E-08	6.16E-11	3.14E-07	9.51E-07	9.65E-06	5.08E-07	9.18E-08	8.84E-06	1.74E-07	1.02E-07	2.66E-10	3.73E-10	6.93E-06	6.52E-08	6.02E-08	0.00E+00	2.78E-05	3.93E-07	9.87E-07	2.80E-04	2.81E-04
Chrysene	Cumulative	URBN	Infant	1.67E-07	1.40E-11	2.83E-07	3.70E-09	6.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-06	4.02E-08	1.38E-06	2.43E-06	1.13E-05	1.38E-06	1.46E-05	9.71E-04	9.86E-04
Chrysene	Cumulative	URBN	Toddler	6.69E-07	5.28E-11	2.63E-07	1.48E-07	9.57E-06	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-06	5.40E-08	3.24E-08	0.00E+00	1.69E-05	1.03E-06	2.90E-05	7.03E-04	7.32E-04
Chrysene	Cumulative	URBN	Adolescent	1.67E-07	9.92E-11	4.72E-07	2.07E-07	2.00E-05	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-06	1.00E-07	9.04E-08	0.00E+00	3.09E-05	5.17E-07	2.00E-06	3.67E-04	3.69E-04
Chrysene	Cumulative	URBN	Child	1.67E-07	9.22E-11	3.85E-07	2.55E-07	1.39E-05	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-06	7.41E-08	5.71E-08	0.00E+00	2.26E-05	6.87E-07	3.63E-06	4.87E-04	4.91E-04
Chrysene	Cumulative	URBN	Adult	1.67E-07	1.06E-10	5.38E-07	1.70E-07	1.65E-05	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-06	1.12E-07	1.03E-07	0.00E+00	2.83E-05	4.00E-07	1.69E-06	2.84E-04	2.86E-04
Chrysene	Project	ABOR	Infant	8.45E-08	7.06E-12	1.43E-07	5.60E-08	3.51E-06	4.39E-07	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-06	2.03E-08	9.25E-09	2.06E-06	7.62E-06	9.29E-07	7.36E-06	6.56E-04	6.64E-04
Chrysene	Project	ABOR	Toddler	3.38E-07	2.66E-11	1.33E-07	3.55E-07	4.83E-06	4.39E-07	7.93E-08	3.82E-06	7.50E-08	3.01E-08	1.24E-10	8.69E-11	2.10E-06	2.72E-08	1.63E-08	0.00E+00	1.22E-05	7.42E-07	1.46E-05	5.15E-04	5.30E-04
Chrysene	Project	ABOR	Adolescent	8.45E-08	5.01E-11	2.38E-07	7.47E-07	1.01E-05	4.39E-07	7.93E-08	7.63E-06	1.31E-07	6.14E-08	1.24E-10	2.61E-10	5.23E-06	5.07E-08	4.56E-08	0.00E+00	2.48E-05	4.16E-07	1.01E-06	2.96E-04	2.97E-04
Chrysene	Project	ABOR	Child	8.45E-08	4.65E-11	1.94E-07	6.72E-07	7.03E-06	4.39E-07	7.93E-08	6.46E-06	1.13E-07	4.42E-08	1.24E-10	1.74E-10	3.45E-06	3.74E-08	2.88E-08	0.00E+00	1.86E-05	5.66E-07	1.83E-06	4.03E-04	4.04E-04
Chrysene	Project	ABOR	Adult	8.45E-08	5.33E-11	2.72E-07	8.22E-07	8.34E-06	4.39E-07	7.93E-08	7.63E-06	1.50E-07	9.51E-08	2.48E-10	3.47E-10	5.96E-06	5.64E-08	5.21E-08	0.00E+00	2.40E-05	3.39E-07	8.53E-07	2.41E-04	2.42E-04
Chrysene	Project	URBN	Infant	1.45E-07	1.21E-11	2.46E-07	3.21E-09	6.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-06	3.49E-08	1.59E-08	2.10E-06	9.81E-06	1.20E-06	1.27E-05	8.41E-04	8.54E-04
Chrysene	Project	URBN	Toddler	5.81E-07	4.58E-11	2.29E-07	1.28E-07	8.31E-06	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-06	4.68E-08	2.81E-08	0.00E+00	1.46E-05	8.88E-07	2.52E-05	6.09E-04	6.34E-04
Chrysene	Project	URBN	Adolescent	1.45E-07	8.61E-11	4.09E-07	1.80E-07	1.74E-05	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-06	8.72E-08	7.84E-08	0.00E+00	2.67E-05	4.48E-07	1.74E-06	3.18E-04	3.20E-04
Chrysene	Project	URBN	Child	1.45E-07	8.00E-11	3.34E-07	2.22E-07	1.21E-05	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-06	6.43E-08	4.96E-08	0.00E+00	1.96E-05	5.95E-07	3.15E-06	4.22E-04	4.25E-04
Chrysene	Project	URBN	Adult	1.45E-07	9.16E-11	4.67E-07	1.48E-07	1.43E-05	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-06	9.70E-08	8.96E-08	0.00E+00	2.45E-05	3.46E-07	1.47E-06	2.46E-04	2.47E-04
Chrysene	Future	ABOR	Infant	7.83E-08	6.54E-12	1.32E-07	5.19E-08	3.25E-06	4.07E-07	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-07	1.88E-08	8.57E-09	1.82E-06	6.75E-06	8.23E-07	6.82E-06	5.81E-04	5.88E-04
Chrysene	Future	ABOR	Toddler	3.13E-07	2.47E-11	1.23E-07	3.29E-07	4.47E-06	4.07E-07	7.35E-08	3.58E-06	6.95E-08	2.58E-08	1.06E-10	7.45E-11	1.56E-06	2.52E-08	1.51E-08	0.00E+00	1.10E-05	6.66E-07	1.36E-05	4.62E-04	4.76E-04
Chrysene	Future	ABOR	Adolescent	7.83E-08	4.64E-11	2.21E-07	6.92E-07	9.36E-06	4.07E-07	7.35E-08	7.15E-06	1.22E-07	5.27E-08	1.06E-10	2.24E-10	3.90E-06	4.70E-08	4.23E-08	0.00E+00	2.21E-05	3.71E-07	9.36E-07	2.64E-04	2.65E-04
Chrysene	Future	ABOR	Child	7.83E-08	4.31E-11	1.80E-07	6.23E-07	6.51E-06	4.07E-07	7.35E-08	6.05E-06	1.04E-07	3.79E-08	1.06E-10	1.49E-10	2.57E-06	3.46E-08	2.67E-08	0.00E+00	1.67E-05	5.07E-07	1.70E-06	3.61E-04	3.62E-04
Chrysene	Future	ABOR	Adult	7.83E-08	4.94E-11	2.52E-07	7.61E-07	7.73E-06	4.07E-07	7.35E-08	7.15E-06	1.39E-07	8.16E-08	2.12E-10	2.98E-10	4.44E-06	5.22E-08	4.82E-08	0.00E+00	2.12E-05	3.00E-07	7.91E-07	2.14E-04	2.14E-04
Chrysene	Future	URBN	Infant	1.36E-07	1.14E-11	2.31E-07	3.02E-09	5.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-07	3.27E-08	1.49E-08	1.87E-06	8.87E-06	1.08E-06	1.19E-05	7.61E-04	7.73E-04
Chrysene	Future	URBN	Toddler	5.46E-07	4.30E-11	2.15E-07	1.21E-07	7.80E-06	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-06	4.40E-08	2.64E-08	0.00E+00	1.33E-05	8.08E-07	2.36E-05	5.54E-04	5.77E-04
Chrysene	Future	URBN	Adolescent	1.36E-07	8.09E-11	3.84E-07	1.69E-07	1.63E-05	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-06	8.19E-08	7.37E-08	0.00E+00	2.41E-05	4.03E-07	1.63E-06	2.86E-04	2.88E-04
Chrysene	Future	URBN	Child	1.36E-07	7.52E-11	3.14E-07	2.08E-07	1.13E-05	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-06	6.04E-08	4.66E-08	0.00E+00	1.77E-05	3.58E-07	2.96E-06	3.81E-04	3.84E-04
Chrysene	Future	URBN	Adult	1.36E-07	8.61E-11	4.39E-07	1.39E-07	1.35E-05	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-06	9.11E-08	8.41E-08	0.00E+00	2.18E-05	3.09E-07	1.38E-06	2.19E-04	2.21E-04
Cobalt	Baseline	ABOR	Infant	5.95E-03	4.97E-07	1.73E-03	6.71E-04	2.50E-04	3.12E-05	9.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-05	9.52E-05	4.34E-05	0.00E+00	9.78E-03	1.19E-03	5.18E-04	3.34E-04	8.52E-04
Cobalt	Baseline	ABOR	Toddler	2.38E-02	1.88E-06	1.61E-03	4.25E-03	3.44E-04	3.12E-05	9.58E-04	3.48E-01	6.01E-04	2.00E-02	4.42E-05	8.19E-05	1.99E-03	1.28E-04	7.67E-05	0.00E+00	4.02E-01	4.43E-02	1.03E-03	1.64E-02	1.74E-02
Cobalt	Baseline	ABOR	Adolescent	5.95E-03	3.53E-06	2.88E-03	8.95E-03	7.18E-04	3.12E-05	9.58E-04	6.96E-01	1.05E-03	4.07E-02	4.42E-05	2.46E-04	1.18E-03	2.38E-04	2.14E-04	0.00E+00	7.59E-01	1.27E-02	7.12E-05	9.01E-03	9.08E-03
Cobalt	Baseline	ABOR	Child	5.95E-03	3.28E-06	2.35E-03	8.05E-03	5.00E-04	3.12E-05	9.58E-04	5.89E-01	9.02E-04	2.93E-02	4.42E-05	1.64E-04	2.05E-03	1.76E-04	1.35E-04	0.00E+00	6.39E-01	1.94E-02	1.29E-04	1.37E-02	1.39E-02
Cobalt	Baseline	ABOR	Adult	5.95E-03	3.75E-06	3.28E-03	9.84E-03	5.93E-04	3.12E-05	9.58E-04	6.96E-01	1.20E-03	6.31E-02	8.84E-05	3.27E-04	1.22E-03	2.65E-04	2.45E-04	0.00E+00	7.83E-01	1.11E-02	6.01E-05	7.85E-03	7.91E-03
Cobalt	Baseline	URBN	Infant	5.96E-03	4.98E-07	1.73E-03	2.24E-05	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-05	9.54E-05	4.35E-05	0.00E+00	8.16E-03	9.95E-04	5.19E-04	1.91E-04	7.11E-04
Cobalt	Baseline	URBN	Toddler	2.38E-02	1.88E-06	1.61E-03	8.96E-04	3.44E-04	0.00E+00	0.00E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	1.28E-04	7.69E-05	0.00E+00	3.23E-01	1.96E-02	1.03E-03	1.30E-02	1.40E-02
Cobalt	Baseline	URBN	Adolescent	5.96E-03	3.53E-06	2.88E-03	1.26E-03	7.20E-04	0.00E+00	0.00E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	2.38E-04	2.15E-04	0.00E+00	3.07E-01	5.14E-03	7.13E-05	3.60E-03	3.67E-03
Cobalt	Baseline	URBN	Child	5.96E-03	3.29E-06	2.35E-03	1.55E-03	5.01E-04	0.00E+00	0.00E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	1.76E-04	1.36E-04	0.00E+00	3.07E-01	9.33E-03	1.29E-04	6.54E-03	6.67E-03
Cobalt	Baseline	URBN	Adult	5.96E-03	3.76E-06	3.29E-03	1.03E-03	5.95E-04	0.00E+00	0.00E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	2.65E-04	2.45E-04	0.00E+00	3.07E-01	4.34E-03	6.02E-05	3.04E-03	3.10E-03
Cobalt	Application	ABOR	Infant	6.08E-03	5.09E-07	1.76E-03	6.86E-04	2.55E-04	3.19E-05	9.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-05	9.73E-05	4.44E-05	0.00E+00	1.00E-02	1.22E-03	5.30E-04	3.41E-04	8.71E-04
Cobalt	Application	ABOR	Toddler	2.43E-02	1.92E-06	1.64E-03	4.34E-03	3.51E-04	3.19E-05	9.80E-04	3.59E-01	6.15E-04	2.18E-02	4.84E-05	8.96E-05	2.11E-03	1.31E-04	7.85E-05	0.00E+00	4.16E-01	2.52E-02	1.05E-03	1.69E-02	

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total	
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Cobalt	Cumulative	ABOR	Infant	6.08E-03	5.09E-07	1.76E-03	6.86E-04	2.56E-04	3.19E-05	9.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-05	9.73E-05	4.44E-05	0.00E+00	1.00E-02	1.22E-03	5.30E-04	3.41E-04	8.71E-04
Cobalt	Cumulative	ABOR	Toddler	2.43E-02	1.92E-06	1.64E-03	4.34E-03	3.51E-04	3.19E-05	9.80E-04	3.58E-01	6.15E-04	2.18E-02	4.84E-05	8.96E-05	2.11E-03	1.31E-04	7.85E-05	0.00E+00	4.14E-01	2.51E-02	1.05E-03	1.69E-02	1.79E-02	
Cobalt	Cumulative	ABOR	Adolescent	6.08E-03	3.61E-06	2.94E-03	9.15E-03	7.35E-04	3.19E-05	9.80E-04	7.15E-01	1.08E-03	4.45E-02	4.84E-05	2.69E-04	1.25E-03	2.43E-04	2.19E-04	0.00E+00	7.83E-01	1.31E-02	7.28E-05	9.29E-03	9.36E-03	
Cobalt	Cumulative	ABOR	Child	6.08E-03	3.35E-06	2.40E-03	8.23E-03	5.11E-04	3.19E-05	9.80E-04	6.05E-01	9.23E-04	3.21E-02	4.84E-05	1.79E-04	2.17E-03	1.79E-04	1.38E-04	0.00E+00	6.59E-01	2.00E-02	1.32E-04	1.42E-02	1.43E-02	
Cobalt	Cumulative	ABOR	Adult	6.08E-03	3.84E-06	3.36E-03	1.01E-02	6.07E-04	3.19E-05	9.80E-04	7.15E-01	1.23E-03	6.90E-02	9.67E-05	3.58E-04	1.29E-03	2.71E-04	2.50E-04	0.00E+00	8.09E-01	1.14E-02	6.15E-05	8.11E-03	8.17E-03	
Cobalt	Cumulative	URBN	Infant	6.21E-03	5.19E-07	1.80E-03	2.33E-05	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-05	9.94E-05	4.53E-05	0.00E+00	8.50E-03	1.04E-03	5.41E-04	1.99E-04	7.40E-04	
Cobalt	Cumulative	URBN	Toddler	2.48E-02	1.96E-06	1.68E-03	9.34E-04	3.59E-04	0.00E+00	0.00E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	1.34E-04	8.01E-05	0.00E+00	3.33E-01	2.02E-02	1.08E-03	1.33E-02	1.44E-02	
Cobalt	Cumulative	URBN	Adolescent	6.21E-03	3.68E-06	3.00E-03	1.31E-03	7.50E-04	0.00E+00	0.00E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	1.83E-04	1.41E-04	0.00E+00	3.16E-01	9.60E-03	1.35E-04	6.72E-03	6.86E-03	
Cobalt	Cumulative	URBN	Child	6.21E-03	3.42E-06	2.45E-03	1.61E-03	5.22E-04	0.00E+00	0.00E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	1.83E-04	1.41E-04	0.00E+00	3.16E-01	9.60E-03	1.35E-04	6.72E-03	6.86E-03	
Cobalt	Cumulative	URBN	Adult	6.21E-03	3.92E-06	3.43E-03	1.07E-03	6.19E-04	0.00E+00	0.00E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	1.83E-04	1.41E-04	0.00E+00	3.16E-01	9.60E-03	1.35E-04	6.72E-03	6.86E-03	
Cobalt	Project	ABOR	Infant	1.54E-04	1.29E-08	4.46E-05	1.73E-05	6.46E-06	8.07E-07	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-07	2.46E-06	1.12E-06	0.00E+00	2.52E-04	3.07E-05	1.34E-05	8.55E-06	2.19E-05	
Cobalt	Project	ABOR	Toddler	6.15E-04	4.85E-08	4.15E-05	1.10E-04	8.88E-06	8.07E-07	2.48E-05	1.04E-02	1.55E-05	2.08E-03	4.70E-06	8.68E-06	2.10E-05	3.31E-06	1.98E-06	0.00E+00	1.33E-02	8.08E-04	2.66E-05	5.50E-04	5.77E-04	
Cobalt	Project	ABOR	Adolescent	1.54E-04	9.11E-08	7.43E-05	2.31E-04	1.86E-05	8.07E-07	2.48E-05	2.08E-02	2.72E-05	4.25E-03	4.70E-06	2.60E-05	1.25E-05	6.15E-06	5.53E-06	0.00E+00	2.56E-02	4.29E-04	1.84E-06	3.05E-04	3.07E-04	
Cobalt	Project	ABOR	Child	1.54E-04	8.47E-08	6.07E-05	2.08E-04	1.29E-05	8.07E-07	2.48E-05	1.76E-02	2.33E-05	3.06E-03	4.70E-06	1.74E-05	2.16E-05	4.53E-06	3.50E-06	0.00E+00	2.12E-02	6.44E-04	3.34E-06	4.57E-04	4.60E-04	
Cobalt	Project	ABOR	Adult	1.54E-04	9.70E-08	8.48E-05	2.54E-04	1.53E-05	8.07E-07	2.48E-05	2.08E-02	3.11E-05	6.59E-03	9.39E-06	3.47E-05	1.28E-05	6.84E-06	6.32E-06	0.00E+00	2.80E-02	3.96E-04	1.55E-06	2.81E-04	2.83E-04	
Cobalt	Project	URBN	Infant	2.64E-04	2.21E-08	7.67E-05	9.94E-07	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-07	4.23E-06	1.93E-06	0.00E+00	3.60E-04	4.39E-05	2.30E-05	8.32E-06	3.13E-05	
Cobalt	Project	URBN	Toddler	1.06E-03	8.34E-08	7.13E-05	3.97E-05	1.53E-05	0.00E+00	0.00E+00	8.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05	5.68E-06	3.41E-06	0.00E+00	1.00E-02	6.07E-04	4.58E-05	3.87E-04	4.33E-04	
Cobalt	Project	URBN	Adolescent	2.64E-04	1.57E-07	1.28E-04	5.56E-05	3.19E-05	0.00E+00	0.00E+00	8.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05	1.06E-05	9.52E-06	0.00E+00	9.31E-03	1.56E-04	3.16E-06	1.08E-04	1.11E-04	
Cobalt	Project	URBN	Child	2.64E-04	1.46E-07	1.04E-04	6.86E-05	2.22E-05	0.00E+00	0.00E+00	8.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05	7.80E-06	6.01E-06	0.00E+00	9.29E-03	2.82E-04	5.74E-06	1.96E-04	2.02E-04	
Cobalt	Project	URBN	Adult	2.64E-04	1.67E-07	1.46E-04	4.57E-05	2.64E-05	0.00E+00	0.00E+00	8.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05	1.18E-05	1.09E-05	0.00E+00	9.31E-03	1.32E-04	2.67E-06	9.14E-05	9.41E-05	
Cobalt	Future	ABOR	Infant	1.42E-04	1.19E-08	4.13E-05	1.61E-05	5.98E-06	7.48E-07	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-07	2.28E-06	1.04E-06	0.00E+00	2.33E-04	2.84E-05	1.24E-05	7.91E-06	2.03E-05	
Cobalt	Future	ABOR	Toddler	5.70E-04	4.49E-08	3.84E-05	1.02E-04	8.22E-06	7.48E-07	2.29E-05	9.74E-03	1.44E-05	1.84E-03	4.16E-06	7.68E-06	1.41E-05	3.06E-06	1.84E-06	0.00E+00	1.24E-02	7.49E-04	2.47E-05	5.11E-04	5.35E-04	
Cobalt	Future	ABOR	Adolescent	1.42E-04	8.44E-08	6.88E-05	2.14E-04	1.72E-05	7.48E-07	2.29E-05	1.95E-02	2.52E-05	3.76E-03	4.16E-06	2.31E-05	8.40E-06	5.70E-06	5.13E-06	0.00E+00	2.38E-02	3.98E-04	1.70E-06	2.83E-04	2.84E-04	
Cobalt	Future	ABOR	Child	1.42E-04	7.85E-08	5.62E-05	1.93E-04	1.20E-05	7.48E-07	2.29E-05	1.65E-02	2.16E-05	2.71E-03	4.16E-06	1.54E-05	1.46E-05	4.20E-06	3.24E-06	0.00E+00	1.97E-02	5.98E-04	3.09E-06	4.24E-04	4.27E-04	
Cobalt	Future	ABOR	Adult	1.42E-04	8.98E-08	7.86E-05	2.36E-04	1.42E-05	7.48E-07	2.29E-05	1.95E-02	2.88E-05	5.83E-03	8.31E-06	3.07E-05	8.64E-06	6.34E-06	5.85E-06	0.00E+00	2.59E-02	3.66E-04	1.44E-06	2.60E-04	2.62E-04	
Cobalt	Future	URBN	Infant	2.48E-04	2.08E-08	7.20E-05	9.33E-07	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-07	3.97E-06	1.81E-06	0.00E+00	3.38E-04	4.12E-05	2.16E-05	7.80E-06	2.94E-05	
Cobalt	Future	URBN	Toddler	9.93E-04	7.83E-08	6.70E-05	3.73E-05	1.43E-05	0.00E+00	0.00E+00	8.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	5.34E-06	3.20E-06	0.00E+00	9.37E-03	5.68E-04	4.30E-05	3.63E-04	4.06E-04	
Cobalt	Future	URBN	Adolescent	2.48E-04	1.47E-07	1.20E-04	5.23E-05	3.00E-05	0.00E+00	0.00E+00	8.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-06	9.93E-06	8.94E-06	0.00E+00	8.72E-03	1.46E-04	2.97E-06	1.01E-04	1.04E-04	
Cobalt	Future	URBN	Child	2.48E-04	1.37E-07	9.80E-05	6.44E-05	2.09E-05	0.00E+00	0.00E+00	8.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05	7.32E-06	5.65E-06	0.00E+00	8.70E-03	2.64E-04	5.39E-06	1.83E-04	1.89E-04	
Cobalt	Future	URBN	Adult	2.48E-04	1.57E-07	1.37E-04	4.29E-05	2.48E-05	0.00E+00	0.00E+00	8.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-06	1.10E-05	1.02E-05	0.00E+00	8.72E-03	1.23E-04	2.51E-06	8.56E-05	8.81E-05	
Copper	Baseline	ABOR	Infant	5.91E-02	4.94E-06	1.38E-01	5.38E-02	8.86E-02	1.11E-02	7.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	5.67E-03	2.59E-03	0.00E+00	4.39E-01	5.35E-02	8.00E-05	5.14E-04	5.94E-04	
Copper	Baseline	ABOR	Toddler	2.36E-01	1.86E-05	1.29E-01	3.41E-01	1.22E-01	1.11E-02	7.68E-02	1.15E+00	5.97E-03	7.59E-01	1.04E-03	1.99E-03	4.20E-02	7.62E-03	4.57E-03	0.00E+00	2.89E+00	1.75E-01	1.59E-04	1.79E-03	1.95E-03	
Copper	Baseline	ABOR	Adolescent	5.91E-02	3.50E-05	2.31E-01	7.17E-01	2.55E-01	1.11E-02	7.68E-02	2.30E+00	1.04E-02	1.55E+00	1.04E-03	5.98E-03	3.03E-02	1.42E-02	1.28E-02	0.00E+00	5.28E+00	8.84E-02	1.10E-05	9.71E-04	9.82E-04	
Copper	Baseline	ABOR	Child	5.91E-02	3.25E-05	1.88E-01	6.46E-01	1.77E-01	1.11E-02	7.68E-02	1.95E+00	8.96E-03	1.12E+00	1.04E-03	3.99E-03	4.50E-02	1.05E-02	8.06E-03	0.00E+00	4.30E+00	1.31E-01	1.99E-05	1.43E-03	1.45E-03	
Copper	Baseline	ABOR	Adult	5.91E-02	3.73E-05	2.63E-01	7.89E-01	2.10E-01	1.11E-02	7.68E-02	2.30E+00	1.19E-02	2.40E+00	2.08E-03	7.97E-03	3.19E-02	1.58E-02	1.46E-02	0.00E+00	6.20E+00	8.77E-02	9.28E-06	9.65E-04	9.74E-04	
Copper	Baseline	URBN	Infant	5.91E-02	4.94E-06	1.38E-01	1.79E-03	8.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	5.67E-03	2.59E-03	0.00E+00	2.99E-01	3.64E-02	8.00E-05	3.25E-04	4.05E-04	
Copper	Baseline	URBN	Toddler	2.36E-01	1.86E-05	1.29E-01	7.17E-02	1.22E-01	0.00E+00	0.00E+00	9.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-02	7.62E-03	4.57E-03	0.00E+00	1.59E+00	9.62E-02	1.59E-04	9.10E-04	1.07E-03	
Copper	Baseline	URBN	Adolescent	5.91E-02	3.50E-05	2.31E-01	1.00E-01	2.55E-01	0.00E+00	0.00E+00	9.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-02	1.42E-02	1.28E-02	0.00E+00	1.68E+00	2.81E-02	1.10			

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total	
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				Unitless
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day							
Copper	Application	URBN	Toddler	2.36E-01	1.86E-05	1.29E-01	7.17E-02	1.22E-01	0.00E+00	0.00E+00	9.74E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-02	7.62E-03	4.57E-03	0.00E+00	1.59E+00	9.62E-02	1.59E-04	9.10E-04	1.07E-03
Copper	Application	URBN	Adolescent	5.91E-02	3.50E-05	2.31E-01	1.00E-01	2.55E-01	0.00E+00	0.00E+00	9.74E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-02	1.42E-02	1.28E-02	0.00E+00	1.68E+00	2.81E-02	1.10E-05	3.01E-04	3.12E-04
Copper	Application	URBN	Child	5.91E-02	3.25E-05	1.88E-01	1.24E-01	1.77E-01	0.00E+00	0.00E+00	9.74E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-02	1.05E-02	8.06E-03	0.00E+00	1.59E+00	4.82E-02	1.99E-05	5.16E-04	5.36E-04
Copper	Application	URBN	Adult	5.91E-02	3.73E-05	2.63E-01	8.25E-02	2.10E-01	0.00E+00	0.00E+00	9.74E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-02	1.58E-02	1.46E-02	0.00E+00	1.65E+00	2.34E-02	9.28E-06	2.50E-04	2.60E-04
Copper	Cumulative	ABOR	Infant	5.91E-02	4.94E-06	1.38E-01	5.38E-02	8.86E-02	1.11E-02	7.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	5.67E-03	2.59E-03	0.00E+00	4.39E-01	5.35E-02	8.01E-05	5.15E-04	5.95E-04
Copper	Cumulative	ABOR	Toddler	2.36E-01	1.86E-05	1.29E-01	3.41E-01	1.22E-01	1.11E-02	7.69E-02	1.15E+00	5.97E-03	7.60E-01	1.04E-03	2.00E-03	1.15E+00	4.20E-02	7.62E-03	4.57E-03	0.00E+00	2.89E+00	1.75E-01	1.59E-04	1.79E-03	1.95E-03
Copper	Cumulative	ABOR	Adolescent	5.91E-02	3.50E-05	2.31E-01	7.17E-01	2.55E-01	1.11E-02	7.69E-02	2.30E+00	1.05E-02	1.55E+00	1.04E-03	5.99E-03	3.03E-02	1.42E-02	1.28E-02	0.00E+00	5.28E+00	8.84E-02	1.10E-05	9.72E-04	9.83E-04	
Copper	Cumulative	ABOR	Child	5.91E-02	3.26E-05	1.88E-01	6.46E-01	1.77E-01	1.11E-02	7.69E-02	1.95E+00	8.96E-03	1.12E+00	1.04E-03	3.99E-03	4.50E-02	1.05E-02	8.06E-03	0.00E+00	4.30E+00	1.31E-01	2.00E-05	1.43E-03	1.45E-03	
Copper	Cumulative	ABOR	Adult	5.91E-02	3.73E-05	2.63E-01	7.89E-01	2.10E-01	1.11E-02	7.69E-02	2.30E+00	1.19E-02	2.40E+00	2.09E-03	7.98E-03	3.19E-02	1.58E-02	1.46E-02	0.00E+00	6.20E+00	8.77E-02	9.29E-06	9.65E-04	9.75E-04	
Copper	Cumulative	URBN	Infant	5.91E-02	4.94E-06	1.38E-01	1.79E-03	8.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	5.67E-03	2.59E-03	0.00E+00	2.99E-01	3.65E-02	8.01E-05	3.25E-04	4.05E-04	
Copper	Cumulative	URBN	Toddler	2.36E-01	1.86E-05	1.29E-01	7.18E-02	1.22E-01	0.00E+00	0.00E+00	9.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-02	7.62E-03	4.57E-03	0.00E+00	1.59E+00	9.62E-02	1.59E-04	9.10E-04	1.07E-03	
Copper	Cumulative	URBN	Adolescent	5.91E-02	3.50E-05	2.31E-01	1.00E-01	2.55E-01	0.00E+00	0.00E+00	9.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-02	1.42E-02	1.28E-02	0.00E+00	1.68E+00	2.81E-02	1.10E-05	3.01E-04	3.12E-04	
Copper	Cumulative	URBN	Child	5.91E-02	3.26E-05	1.88E-01	1.24E-01	1.77E-01	0.00E+00	0.00E+00	9.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-02	1.05E-02	8.07E-03	0.00E+00	1.59E+00	4.82E-02	2.00E-05	5.16E-04	5.36E-04	
Copper	Cumulative	URBN	Adult	5.91E-02	3.73E-05	2.63E-01	8.25E-02	2.11E-01	0.00E+00	0.00E+00	9.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-02	1.58E-02	1.46E-02	0.00E+00	1.65E+00	2.34E-02	9.29E-06	2.50E-04	2.60E-04	
Copper	Project	ABOR	Infant	2.31E-05	1.94E-09	5.42E-05	2.11E-05	3.47E-05	4.34E-06	3.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-07	2.22E-06	1.01E-06	0.00E+00	1.71E-04	2.09E-05	3.14E-08	2.00E-07	2.32E-07	
Copper	Project	ABOR	Toddler	9.26E-05	7.30E-09	5.04E-05	1.34E-04	4.77E-05	4.34E-06	3.01E-05	5.22E-04	2.34E-06	5.30E-02	8.93E-05	1.28E-04	3.38E-06	2.99E-06	1.79E-06	0.00E+00	5.41E-02	3.28E-03	6.24E-08	3.64E-05	3.64E-05	
Copper	Project	ABOR	Adolescent	2.31E-05	1.37E-08	9.04E-05	2.81E-04	9.98E-05	4.34E-06	3.01E-05	1.04E-03	4.10E-06	8.93E-05	3.85E-04	1.04E-03	2.44E-06	5.56E-06	5.00E-06	0.00E+00	1.10E-01	1.85E-03	4.31E-09	2.05E-05	2.05E-05	
Copper	Project	ABOR	Child	2.31E-05	1.28E-08	7.38E-05	2.53E-04	6.94E-05	4.34E-06	3.01E-05	8.83E-04	3.51E-06	7.79E-02	8.93E-05	2.56E-04	3.62E-06	4.10E-06	3.16E-06	0.00E+00	7.96E-02	2.42E-03	7.82E-09	2.69E-05	2.69E-05	
Copper	Project	ABOR	Adult	2.31E-05	1.46E-08	1.03E-04	3.09E-04	8.25E-05	4.34E-06	3.01E-05	1.04E-03	4.68E-06	1.68E-01	1.79E-04	5.13E-04	2.57E-06	6.18E-06	5.71E-06	0.00E+00	1.70E-01	2.40E-03	3.64E-09	2.67E-05	2.67E-05	
Copper	Project	URBN	Infant	3.98E-05	3.33E-09	9.32E-05	1.21E-06	5.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-07	3.82E-06	1.74E-06	0.00E+00	2.00E-04	2.44E-05	5.39E-08	2.17E-07	2.71E-07	
Copper	Project	URBN	Toddler	1.59E-04	1.26E-08	8.68E-05	4.83E-05	8.21E-05	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-06	5.14E-06	3.08E-06	0.00E+00	8.29E-04	5.03E-05	1.07E-07	4.51E-07	5.59E-07	
Copper	Project	URBN	Adolescent	3.98E-05	2.36E-08	1.55E-04	6.77E-05	1.72E-04	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-06	9.55E-06	8.60E-06	0.00E+00	8.97E-04	1.50E-05	7.41E-09	1.59E-07	1.67E-07	
Copper	Project	URBN	Child	3.98E-05	2.19E-08	1.27E-04	8.34E-05	1.19E-04	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-06	7.05E-06	5.43E-06	0.00E+00	8.27E-04	2.51E-05	1.34E-08	2.66E-07	2.79E-07	
Copper	Project	URBN	Adult	3.98E-05	2.51E-08	1.77E-04	5.56E-05	1.42E-04	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-06	1.06E-05	9.82E-06	0.00E+00	8.79E-04	1.24E-05	6.26E-09	1.32E-07	1.38E-07	
Copper	Future	ABOR	Infant	2.14E-05	1.79E-09	5.02E-05	1.95E-05	3.22E-05	4.02E-06	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-07	2.06E-06	9.39E-07	0.00E+00	1.58E-04	1.93E-05	2.91E-08	1.86E-07	2.15E-07	
Copper	Future	ABOR	Toddler	8.58E-05	6.76E-09	4.67E-05	1.24E-04	4.42E-05	4.02E-06	2.79E-05	4.89E-04	2.17E-06	5.31E-02	8.93E-05	1.28E-04	2.28E-06	2.77E-06	1.66E-06	0.00E+00	5.41E-02	3.28E-03	5.78E-08	3.64E-05	3.64E-05	
Copper	Future	ABOR	Adolescent	2.14E-05	1.27E-08	8.37E-05	2.60E-04	9.25E-05	4.02E-06	2.79E-05	9.77E-04	3.79E-06	1.08E-01	8.93E-05	3.85E-04	1.64E-06	5.15E-06	4.63E-06	0.00E+00	1.10E-01	1.85E-03	3.99E-09	2.05E-05	2.05E-05	
Copper	Future	ABOR	Child	2.14E-05	1.18E-08	6.84E-05	2.34E-04	6.43E-05	4.02E-06	2.79E-05	8.27E-04	3.25E-06	7.80E-02	8.93E-05	2.57E-04	2.44E-06	3.80E-06	2.93E-06	0.00E+00	7.96E-02	2.42E-03	7.24E-09	2.69E-05	2.69E-05	
Copper	Future	ABOR	Adult	2.14E-05	1.35E-08	9.56E-05	2.86E-04	7.64E-05	4.02E-06	2.79E-05	9.77E-04	4.34E-06	1.68E-01	1.79E-04	5.14E-04	1.73E-06	5.73E-06	5.29E-06	0.00E+00	1.70E-01	2.41E-03	3.37E-09	2.67E-05	2.67E-05	
Copper	Future	URBN	Infant	3.74E-05	3.13E-09	8.76E-05	1.14E-06	5.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-07	3.59E-06	1.64E-06	0.00E+00	1.88E-04	2.29E-05	5.07E-08	2.03E-07	2.54E-07	
Copper	Future	URBN	Toddler	1.50E-04	1.18E-08	8.15E-05	4.54E-05	7.71E-05	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-06	2.89E-06	0.00E+00	0.00E+00	7.77E-04	4.71E-05	1.01E-07	4.23E-07	5.23E-07	
Copper	Future	URBN	Adolescent	3.74E-05	2.22E-08	1.46E-04	6.36E-05	1.61E-04	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-06	8.97E-06	8.08E-06	0.00E+00	8.40E-04	1.41E-05	6.96E-09	1.49E-07	1.56E-07	
Copper	Future	URBN	Child	3.74E-05	2.06E-08	1.19E-04	7.83E-05	1.12E-04	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-06	6.62E-06	5.10E-06	0.00E+00	7.75E-04	2.35E-05	1.26E-08	2.49E-07	2.62E-07	
Copper	Future	URBN	Adult	3.74E-05	2.36E-08	1.67E-04	5.22E-05	1.33E-04	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-06	9.98E-06	9.22E-06	0.00E+00	8.24E-04	1.17E-05	5.88E-09	1.24E-07	1.29E-07	
Fluoranthene	Baseline	ABOR	Infant	1.57E-09	1.32E-13	2.84E-09	1.17E-09	1.37E-07	1.72E-08	1.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-07	3.78E-10	1.72E-10	6.13E-08	7.75E-07	9.45E-08	1.37E-07	6.74E-05	6.75E-05	
Fluoranthene	Baseline	ABOR	Toddler	6.30E-09	4.97E-13	2.64E-09	7.44E-09	1.89E-07	1.72E-08	1.58E-09	5.89E-08	1.39E-09	1.19E-09	4.37E-12	3.21E-12	9.59E-07	5.08E-10	3.05E-10	0.00E+00	1.25E-06	7.55E-08	2.73E-07	5.36E-05	5.39E-05	
Fluoranthene	Baseline	ABOR	Adolescent	1.57E-09	9.33E-13	4.74E-09	1.57E-08	3.95E-07	1.72E-08	1.58E-09	1.18E-07	2.43E-09	2.43E-09	4.37E-12	9.63E-12	2.37E-06	9.45E-10	8.50E-10	0.00E+00	2.93E-06	4.91E-08	1.88E-08	3.50E-05	3.50E-05	
Fluoranthene	Baseline	ABOR	Child	1.57E-09	8.67E-13	3.87E-09	1.41E-08	2.74E-07	1.72E-08	1.58E-09	9.97E-08	2.08E-09	1.75E-09	4.37E-12	6.42E-12	1.57E-06	6.97E-10	5.37E-10	0.00E+00	1.					

Trans Mountain Pipeline ULC  
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Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil Unitless	RQ Oral Unitless	RQ Total Unitless
				Soil SIR ug/day	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total			
					AIR ug/day	Plant ug/day	Berries ug/day	Root ug/day	WildRoot ug/day	WildPlant ug/day	Shellfish ug/day	Seaweed ug/day	Deer ug/day	Ruffed_grouse ug/day	Snowshoe_hare ug/day	Surface Water ug/day	Hands ug/day	Other ug/day	Breast Milk ug/day	EDI ug/day	EDI ug/kg/day			
Fluoranthene	Application	ABOR	Adolescent	6.96E-09	4.13E-12	2.09E-08	6.92E-08	1.74E-06	7.59E-08	6.98E-09	6.49E-07	1.07E-08	1.23E-08	2.21E-11	4.87E-11	6.78E-06	4.18E-09	3.76E-09	0.00E+00	9.39E-06	1.57E-07	8.33E-08	1.12E-04	1.12E-04
Fluoranthene	Application	ABOR	Child	6.96E-09	3.84E-12	1.71E-08	6.23E-08	1.21E-06	7.59E-08	6.98E-09	5.49E-07	9.21E-09	8.82E-09	2.21E-11	3.25E-11	4.50E-06	3.08E-09	2.38E-09	0.00E+00	6.45E-06	1.96E-07	1.51E-07	1.40E-04	1.40E-04
Fluoranthene	Application	ABOR	Adult	6.96E-09	4.39E-12	2.39E-08	7.62E-08	1.44E-06	7.59E-08	6.98E-09	6.49E-07	1.23E-08	1.90E-08	4.42E-11	6.49E-11	7.73E-06	4.65E-09	4.29E-09	0.00E+00	1.01E-05	1.42E-07	7.03E-08	1.01E-04	1.02E-04
Fluoranthene	Application	URBN	Infant	1.16E-08	9.67E-13	2.09E-08	2.88E-10	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-06	2.78E-09	1.27E-09	2.01E-07	2.83E-06	3.45E-07	1.01E-06	2.45E-04	2.46E-04
Fluoranthene	Application	URBN	Toddler	4.63E-08	3.65E-12	1.94E-08	1.15E-08	1.39E-06	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-06	3.73E-09	2.24E-09	0.00E+00	4.49E-06	2.72E-07	2.00E-06	1.92E-04	1.94E-04
Fluoranthene	Application	URBN	Adolescent	1.16E-08	6.86E-12	3.48E-08	1.61E-08	2.90E-06	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-06	6.94E-09	6.25E-09	0.00E+00	1.00E-05	1.68E-07	1.38E-07	1.20E-04	1.20E-04
Fluoranthene	Application	URBN	Child	1.16E-08	6.37E-12	2.84E-08	1.98E-08	2.02E-06	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-06	5.12E-09	3.95E-09	0.00E+00	6.86E-06	2.08E-07	2.51E-07	1.49E-04	1.49E-04
Fluoranthene	Application	URBN	Adult	1.16E-08	7.30E-12	3.97E-08	1.32E-08	2.39E-06	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-06	7.72E-09	7.13E-09	0.00E+00	1.05E-05	1.48E-07	1.17E-07	1.06E-04	1.06E-04
Fluoranthene	Cumulative	ABOR	Infant	6.42E-09	5.37E-13	1.16E-08	4.79E-09	5.60E-07	7.00E-08	6.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06	1.54E-09	7.03E-10	1.59E-07	2.07E-06	2.52E-07	5.60E-07	1.80E-04	1.80E-04
Fluoranthene	Cumulative	ABOR	Toddler	2.57E-08	2.03E-12	1.08E-08	3.03E-08	7.70E-07	7.00E-08	6.44E-09	3.08E-07	5.66E-09	5.89E-09	2.17E-11	1.59E-11	2.17E-06	2.07E-09	1.24E-09	0.00E+00	3.41E-06	2.07E-07	1.11E-06	1.47E-04	1.48E-04
Fluoranthene	Cumulative	ABOR	Adolescent	6.42E-09	3.81E-12	1.93E-08	6.39E-08	1.61E-06	7.00E-08	6.44E-09	6.15E-07	9.91E-09	1.20E-08	2.17E-11	4.78E-11	5.37E-06	3.85E-09	3.47E-09	0.00E+00	7.79E-06	1.31E-07	7.69E-08	9.31E-05	9.32E-05
Fluoranthene	Cumulative	ABOR	Child	6.42E-09	3.54E-12	1.58E-08	5.75E-08	1.12E-06	7.00E-08	6.44E-09	5.21E-07	8.50E-09	8.66E-09	2.17E-11	3.19E-11	3.56E-06	2.84E-09	2.19E-09	0.00E+00	5.38E-06	1.63E-07	1.39E-07	1.17E-04	1.17E-04
Fluoranthene	Cumulative	ABOR	Adult	6.42E-09	4.05E-12	2.21E-08	7.03E-08	1.33E-06	7.00E-08	6.44E-09	6.15E-07	1.13E-08	1.86E-08	4.34E-11	6.38E-11	6.12E-06	4.29E-09	3.96E-09	0.00E+00	8.28E-06	1.17E-07	6.49E-08	8.36E-05	8.36E-05
Fluoranthene	Cumulative	URBN	Infant	1.10E-08	9.20E-13	1.99E-08	2.74E-10	9.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06	2.64E-09	1.20E-09	1.68E-07	2.41E-06	2.94E-07	9.58E-07	2.09E-04	2.10E-04
Fluoranthene	Cumulative	URBN	Toddler	4.40E-08	3.47E-12	1.85E-08	1.09E-08	1.32E-06	0.00E+00	0.00E+00	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-06	3.55E-09	2.13E-09	0.00E+00	3.83E-06	2.32E-07	1.91E-06	1.64E-04	1.66E-04
Fluoranthene	Cumulative	URBN	Adolescent	1.10E-08	6.52E-12	3.31E-08	1.53E-08	2.76E-06	0.00E+00	0.00E+00	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-06	6.60E-09	5.94E-09	0.00E+00	8.46E-06	1.42E-07	1.32E-07	1.01E-04	1.01E-04
Fluoranthene	Cumulative	URBN	Child	1.10E-08	6.06E-12	2.70E-08	1.89E-08	1.92E-06	0.00E+00	0.00E+00	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-06	4.87E-09	3.75E-09	0.00E+00	5.80E-06	1.76E-07	2.39E-07	1.26E-04	1.26E-04
Fluoranthene	Cumulative	URBN	Adult	1.10E-08	6.94E-12	3.78E-08	1.26E-08	2.28E-06	0.00E+00	0.00E+00	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-06	7.34E-09	6.78E-09	0.00E+00	8.73E-06	1.24E-07	1.11E-07	8.81E-05	8.82E-05
Fluoranthene	Project	ABOR	Infant	5.55E-09	4.64E-13	1.00E-08	4.14E-09	4.84E-07	6.05E-08	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-06	1.33E-09	6.08E-10	1.33E-07	1.73E-06	2.11E-07	4.84E-07	1.50E-04	1.51E-04
Fluoranthene	Project	ABOR	Toddler	2.22E-08	1.75E-12	9.33E-09	2.62E-08	6.66E-07	6.05E-08	5.57E-09	2.66E-07	4.90E-09	5.48E-09	2.02E-11	1.48E-11	1.79E-06	1.79E-09	1.07E-09	0.00E+00	2.86E-06	1.73E-07	9.62E-07	1.23E-04	1.24E-04
Fluoranthene	Project	ABOR	Adolescent	5.55E-09	3.29E-12	1.67E-08	5.52E-08	1.39E-06	6.05E-08	5.57E-09	5.31E-07	8.57E-09	1.12E-08	2.02E-11	4.45E-11	4.42E-06	3.33E-09	3.00E-09	0.00E+00	6.51E-06	1.09E-07	6.64E-08	7.79E-05	7.79E-05
Fluoranthene	Project	ABOR	Child	5.55E-09	3.06E-12	1.36E-08	4.97E-08	9.68E-07	6.05E-08	5.57E-09	4.49E-07	7.34E-09	8.06E-09	2.02E-11	2.97E-11	2.93E-06	2.46E-09	1.89E-09	0.00E+00	4.50E-06	1.37E-07	1.21E-07	9.76E-05	9.77E-05
Fluoranthene	Project	ABOR	Adult	5.55E-09	3.50E-12	1.91E-08	6.08E-08	1.15E-06	6.05E-08	5.57E-09	5.31E-07	9.79E-09	1.73E-08	4.04E-11	5.94E-11	5.04E-06	3.71E-09	3.42E-09	0.00E+00	6.90E-06	9.76E-08	5.61E-08	6.97E-05	6.97E-05
Fluoranthene	Project	URBN	Infant	9.55E-09	7.98E-13	1.72E-08	2.37E-10	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-06	2.29E-09	1.05E-09	1.40E-07	2.03E-06	2.48E-07	8.32E-07	1.76E-04	1.77E-04
Fluoranthene	Project	URBN	Toddler	3.82E-08	3.01E-12	1.60E-08	9.50E-09	1.14E-06	0.00E+00	0.00E+00	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-06	3.08E-09	1.85E-09	0.00E+00	3.23E-06	1.96E-07	1.65E-06	1.38E-04	1.40E-04
Fluoranthene	Project	URBN	Adolescent	9.55E-09	5.66E-12	2.87E-08	1.33E-08	2.39E-06	0.00E+00	0.00E+00	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-06	5.73E-09	5.16E-09	0.00E+00	7.10E-06	1.19E-07	1.14E-07	8.48E-05	8.50E-05
Fluoranthene	Project	URBN	Child	9.55E-09	5.26E-12	2.35E-08	1.64E-08	1.67E-06	0.00E+00	0.00E+00	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-06	4.23E-09	3.26E-09	0.00E+00	4.88E-06	1.48E-07	2.07E-07	1.06E-04	1.06E-04
Fluoranthene	Project	URBN	Adult	9.55E-09	6.02E-12	3.28E-08	1.09E-08	1.98E-06	0.00E+00	0.00E+00	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-06	6.37E-09	5.89E-09	0.00E+00	7.30E-06	1.03E-07	9.65E-08	7.37E-05	7.38E-05
Fluoranthene	Future	ABOR	Infant	5.14E-09	4.30E-13	9.29E-09	3.84E-09	4.49E-07	5.61E-08	5.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-07	1.23E-09	5.63E-10	9.89E-08	1.33E-06	1.62E-07	4.48E-07	1.15E-04	1.16E-04
Fluoranthene	Future	ABOR	Toddler	2.06E-08	1.62E-12	8.64E-09	2.43E-08	6.17E-07	5.61E-08	5.16E-09	2.49E-07	4.54E-09	4.70E-09	1.73E-11	1.27E-11	1.22E-06	1.66E-09	9.95E-10	0.00E+00	2.21E-06	1.34E-07	8.91E-07	9.47E-05	9.56E-05
Fluoranthene	Future	ABOR	Adolescent	5.14E-09	3.05E-12	1.55E-08	5.12E-08	1.29E-06	5.61E-08	5.16E-09	4.98E-07	7.94E-09	9.59E-09	1.73E-11	3.82E-11	3.00E-06	3.09E-09	2.78E-09	0.00E+00	4.94E-06	8.28E-08	6.16E-08	5.91E-05	5.92E-05
Fluoranthene	Future	ABOR	Child	5.14E-09	2.83E-12	1.26E-08	4.61E-08	8.97E-07	5.61E-08	5.16E-09	4.21E-07	6.80E-09	6.90E-09	1.73E-11	2.55E-11	1.99E-06	2.28E-09	1.76E-09	0.00E+00	3.45E-06	1.05E-07	1.12E-07	7.48E-05	7.49E-05
Fluoranthene	Future	ABOR	Adult	5.14E-09	3.25E-12	1.77E-08	5.63E-08	1.07E-06	5.61E-08	5.16E-09	4.98E-07	9.07E-09	1.49E-08	3.47E-11	5.09E-11	3.42E-06	3.43E-09	3.17E-09	0.00E+00	5.15E-06	7.29E-08	5.20E-08	5.20E-05	5.21E-05
Fluoranthene	Future	URBN	Infant	8.97E-09	7.50E-13	1.62E-08	2.23E-10	7.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-07	2.15E-09	9.82E-10	1.07E-07	1.62E-06	1.97E-07	7.81E-07	1.40E-04	1.41E-04
Fluoranthene	Future	URBN	Toddler	3.59E-08	2.83E-12	1.51E-08	8.92E-09	1.08E-06	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-06	2.89E-09	1.74E-09	0.00E+00	2.57E-06	1.55E-07	1.55E-06	1.10E-04	1.11E-04
Fluoranthene	Future	URBN	Adolescent	8.97E-09	5.32E-12	2.70E-08	1.25E-08	2.25E-06	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-06	5.38E-09	4.84E-09	0.00E+00	5.52E-06	9.24E-08	1.07E-07	6.59E-05	6.60E-05
Fluoranthene	Future	URBN	Child	8.97E-09	4.94E-12	2.20E-08	1.54E-08	1.56E-06	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-06	3.97E-09	3.06E-09	0.00E+00	3.82E-06	1.16E-07	1.95E-07	8.27E-05	8.29E-05
Fluoranthene	Future	URBN	Adult	8.97E-09	5.66E-12	3.08E-08	1.03E-08	1.86E-06	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-06	5.99E-09	5.53E-09	0.00E+00	5.55E-06	7.85E-08	9.06E-08	5.60E-05	5.61E-05
Fluorene	Baseline	ABOR	Infant	1.																				



Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total	
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Fluorene	Baseline	URBN	Child	1.54E-10	8.46E-14	2.49E-10	1.67E-10	1.42E-08	0.00E+00	0.00E+00	4.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-06	6.79E-11	5.24E-11	0.00E+00	1.29E-06	3.92E-08	1.17E-13	9.80E-10	9.81E-10
Fluorene	Baseline	URBN	Adult	1.54E-10	9.68E-14	3.48E-10	1.12E-10	1.68E-08	0.00E+00	0.00E+00	4.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-06	1.02E-10	9.46E-11	0.00E+00	2.16E-06	3.06E-08	5.43E-14	7.65E-10	7.65E-10
Fluorene	Application	ABOR	Infant	5.25E-10	4.39E-14	6.26E-10	2.49E-10	2.42E-08	3.03E-09	3.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-06	1.26E-10	5.75E-11	1.25E-08	1.27E-06	1.55E-07	1.60E-12	3.88E-09	3.88E-09
Fluorene	Application	ABOR	Toddler	2.10E-09	1.66E-13	5.82E-10	1.58E-09	3.33E-08	3.03E-09	3.48E-10	2.67E-08	1.14E-10	3.19E-10	7.81E-13	5.45E-13	2.25E-06	1.69E-10	1.02E-10	0.00E+00	0.00E+00	2.31E-06	1.40E-07	3.18E-12	3.50E-09	3.51E-09
Fluorene	Application	ABOR	Adolescent	5.25E-10	3.11E-13	1.04E-09	3.32E-09	6.96E-08	3.03E-09	3.48E-10	5.33E-08	1.99E-10	6.52E-10	7.81E-13	1.63E-12	5.34E-06	3.15E-10	2.84E-10	0.00E+00	0.00E+00	5.48E-06	9.17E-08	2.20E-13	2.29E-09	2.29E-09
Fluorene	Application	ABOR	Child	5.25E-10	2.89E-13	8.52E-10	2.99E-09	4.84E-08	3.03E-09	3.48E-10	4.51E-08	1.70E-10	4.69E-10	7.81E-13	1.09E-12	3.61E-06	2.32E-10	1.79E-10	0.00E+00	0.00E+00	3.71E-06	1.13E-07	3.99E-13	2.82E-09	2.82E-09
Fluorene	Application	ABOR	Adult	5.25E-10	3.31E-13	1.19E-09	3.65E-09	5.75E-08	3.03E-09	3.48E-10	5.33E-08	2.27E-10	1.01E-09	1.56E-12	2.18E-12	6.08E-06	3.51E-10	3.24E-10	0.00E+00	0.00E+00	6.20E-06	8.78E-08	1.86E-13	2.19E-09	2.19E-09
Fluorene	Application	URBN	Infant	8.74E-10	7.31E-14	1.04E-09	1.38E-11	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-06	2.10E-10	9.57E-11	1.25E-08	1.29E-06	1.57E-07	2.66E-12	3.92E-09	3.92E-09
Fluorene	Application	URBN	Toddler	3.50E-09	2.76E-13	9.69E-10	5.53E-10	5.54E-08	0.00E+00	0.00E+00	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-06	2.82E-10	1.69E-10	0.00E+00	2.33E-06	1.41E-07	5.30E-12	3.52E-09	3.53E-09
Fluorene	Application	URBN	Adolescent	8.74E-10	5.18E-13	1.74E-09	7.74E-10	1.16E-07	0.00E+00	0.00E+00	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-06	5.24E-10	4.72E-10	0.00E+00	5.49E-06	9.19E-08	3.68E-13	2.30E-09	2.30E-09
Fluorene	Application	URBN	Child	8.74E-10	4.82E-13	1.42E-09	9.53E-10	8.06E-08	0.00E+00	0.00E+00	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-06	3.87E-10	2.98E-10	0.00E+00	3.72E-06	1.13E-07	6.64E-13	2.82E-09	2.82E-09
Fluorene	Application	URBN	Adult	8.74E-10	5.51E-13	1.98E-09	6.35E-10	9.57E-08	0.00E+00	0.00E+00	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-06	5.83E-10	5.39E-10	0.00E+00	6.21E-06	8.78E-08	3.09E-13	2.19E-09	2.19E-09
Fluorene	Cumulative	ABOR	Infant	4.85E-10	4.05E-14	5.78E-10	2.30E-10	2.24E-08	2.80E-09	3.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-07	1.16E-10	5.31E-11	9.87E-09	1.01E-06	1.23E-07	1.48E-12	3.07E-09	3.07E-09
Fluorene	Cumulative	ABOR	Toddler	1.94E-09	1.53E-13	5.38E-10	1.46E-09	3.08E-08	2.80E-09	3.21E-10	2.53E-08	1.05E-10	2.96E-10	7.45E-13	5.17E-13	1.77E-06	1.56E-10	9.38E-11	0.00E+00	1.83E-06	1.11E-07	2.94E-12	2.78E-09	2.78E-09	
Fluorene	Cumulative	ABOR	Adolescent	4.85E-10	2.88E-13	9.63E-10	3.07E-09	6.43E-08	2.80E-09	3.21E-10	5.06E-08	1.83E-10	6.03E-10	7.45E-13	1.55E-12	4.21E-06	2.91E-10	2.62E-10	0.00E+00	4.34E-06	7.27E-08	2.03E-13	1.82E-09	1.82E-09	
Fluorene	Cumulative	ABOR	Child	4.85E-10	2.67E-13	7.86E-10	2.76E-09	4.47E-08	2.80E-09	3.21E-10	4.28E-08	1.57E-10	4.35E-10	7.45E-13	1.03E-12	2.85E-06	2.15E-10	1.66E-10	0.00E+00	2.94E-06	8.94E-08	3.69E-13	2.24E-09	2.24E-09	
Fluorene	Cumulative	ABOR	Adult	4.85E-10	3.06E-13	1.10E-09	3.37E-09	5.31E-08	2.80E-09	3.21E-10	5.06E-08	2.10E-10	9.35E-10	1.49E-12	2.07E-12	4.80E-06	3.24E-10	2.99E-10	0.00E+00	4.91E-06	6.95E-08	1.72E-13	1.74E-09	1.74E-09	
Fluorene	Cumulative	URBN	Infant	8.31E-10	6.94E-14	9.90E-10	1.31E-11	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-07	1.99E-10	9.10E-11	9.88E-09	1.02E-06	1.25E-07	2.53E-12	3.11E-09	3.12E-09
Fluorene	Cumulative	URBN	Toddler	3.32E-09	2.62E-13	9.21E-10	5.25E-10	5.27E-08	0.00E+00	0.00E+00	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-06	2.68E-10	1.61E-10	0.00E+00	1.85E-06	1.12E-07	5.03E-12	2.80E-09	2.80E-09
Fluorene	Cumulative	URBN	Adolescent	8.31E-10	4.92E-13	1.65E-09	7.35E-10	1.10E-07	0.00E+00	0.00E+00	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-06	4.98E-10	4.49E-10	0.00E+00	4.35E-06	7.29E-08	3.48E-13	1.82E-09	1.82E-09
Fluorene	Cumulative	URBN	Child	8.31E-10	4.58E-13	1.35E-09	9.06E-10	7.66E-08	0.00E+00	0.00E+00	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-06	3.68E-10	2.83E-10	0.00E+00	2.95E-06	8.96E-08	6.31E-13	2.24E-09	2.24E-09
Fluorene	Cumulative	URBN	Adult	8.31E-10	5.24E-13	1.88E-09	6.04E-10	9.10E-08	0.00E+00	0.00E+00	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-06	5.55E-10	5.12E-10	0.00E+00	4.91E-06	6.95E-08	2.94E-13	1.74E-09	1.74E-09
Fluorene	Project	ABOR	Infant	4.19E-10	3.51E-14	5.00E-10	1.99E-10	1.93E-08	2.42E-09	2.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-07	1.01E-10	4.59E-11	8.11E-09	8.29E-07	1.01E-07	1.28E-12	2.53E-09	2.53E-09
Fluorene	Project	ABOR	Toddler	1.68E-09	1.32E-13	4.65E-10	1.26E-09	2.66E-08	2.42E-09	2.78E-10	2.18E-08	9.06E-11	2.68E-10	6.85E-13	4.74E-13	1.45E-06	1.35E-10	8.11E-11	0.00E+00	1.51E-06	9.14E-08	2.54E-12	2.28E-09	2.29E-09	
Fluorene	Project	ABOR	Adolescent	4.19E-10	2.49E-13	8.33E-10	2.65E-09	5.56E-08	2.42E-09	2.78E-10	4.37E-08	1.59E-10	5.46E-10	6.85E-13	1.42E-12	3.46E-06	2.52E-10	2.26E-10	0.00E+00	3.57E-06	5.97E-08	1.76E-13	1.49E-09	1.49E-09	
Fluorene	Project	ABOR	Child	4.19E-10	2.31E-13	6.80E-10	2.39E-09	3.87E-08	2.42E-09	2.78E-10	3.70E-08	1.36E-10	3.93E-10	6.85E-13	9.48E-13	2.34E-06	1.86E-10	1.43E-10	0.00E+00	2.42E-06	7.35E-08	3.19E-13	1.84E-09	1.84E-09	
Fluorene	Project	ABOR	Adult	4.19E-10	2.64E-13	9.50E-10	2.92E-09	4.59E-08	2.42E-09	2.78E-10	4.37E-08	1.81E-10	8.47E-10	1.37E-12	1.90E-12	3.94E-06	2.80E-10	2.58E-10	0.00E+00	4.03E-06	5.71E-08	1.48E-13	1.43E-09	1.43E-09	
Fluorene	Project	URBN	Infant	7.21E-10	6.03E-14	8.59E-10	1.14E-11	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-07	1.73E-10	7.90E-11	8.12E-09	8.40E-07	1.02E-07	2.20E-12	1.56E-09	2.56E-09	
Fluorene	Project	URBN	Toddler	2.88E-09	2.27E-13	7.99E-10	4.56E-10	4.57E-08	0.00E+00	0.00E+00	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-06	2.33E-10	1.40E-10	0.00E+00	1.52E-06	9.22E-08	4.37E-12	2.30E-09	2.31E-09
Fluorene	Project	URBN	Adolescent	7.21E-10	4.27E-13	1.43E-09	6.38E-10	9.56E-08	0.00E+00	0.00E+00	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-06	4.33E-10	3.89E-10	0.00E+00	3.58E-06	5.99E-08	3.02E-13	1.50E-09	1.50E-09
Fluorene	Project	URBN	Child	7.21E-10	3.97E-13	1.17E-09	7.86E-10	6.65E-08	0.00E+00	0.00E+00	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-06	3.19E-10	2.46E-10	0.00E+00	2.42E-06	7.37E-08	5.48E-13	1.84E-09	1.84E-09
Fluorene	Project	URBN	Adult	7.21E-10	4.55E-13	1.63E-09	5.24E-10	7.90E-08	0.00E+00	0.00E+00	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-06	4.81E-10	4.45E-10	0.00E+00	4.04E-06	5.71E-08	2.55E-13	1.43E-09	1.43E-09
Fluorene	Future	ABOR	Infant	3.88E-10	3.25E-14	4.63E-10	1.84E-10	1.79E-08	2.24E-09	2.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-07	9.32E-11	4.25E-11	5.52E-09	5.65E-07	6.89E-08	1.18E-12	1.72E-09	1.72E-09
Fluorene	Future	ABOR	Toddler	1.55E-09	1.23E-13	4.31E-10	1.17E-09	2.46E-08	2.24E-09	2.57E-10	2.05E-08	8.40E-11	2.19E-10	5.75E-13	3.96E-13	9.80E-07	1.25E-10	7.52E-11	0.00E+00	1.03E-06	6.25E-08	2.35E-12	1.56E-09	1.56E-09	
Fluorene	Future	ABOR	Adolescent	3.88E-10	2.30E-13	7.71E-10	2.46E-09	5.15E-08	2.24E-09	2.57E-10	4.09E-08	1.47E-10	4.46E-10	5.75E-13	1.19E-12	2.33E-06	2.33E-10	2.10E-10	0.00E+00	2.43E-06	4.07E-08	1.63E-13	1.02E-09	1.02E-09	
Fluorene	Future	ABOR	Child	3.88E-10	2.14E-13	6.30E-10	2.21E-09	3.58E-08	2.24E-09	2.57E-10	3.46E-08	1.26E-10	3.21E-10	5.75E-13	7.92E-13	1.58E-06	1.72E-10	1.33E-10	0.00E+00	1.65E-06	5.02E-08	2.95E-13	1.26E-09	1.26E-09	
Fluorene	Future	ABOR	Adult	3.88E-10	2.45E-13	8.81E-10	2.70E-09	4.25E-08	2.24E-09	2.57E-10	4.09E-08	1.68E-10	6.92E-10	1.15E-12	1.58E-12	2.65E-0									

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total			
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI			
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless			
Formaldehyde	Baseline	ABOR	Adult	1.48E-12	9.33E-16	5.63E-07	1.81E-06	2.84E-08	1.50E-09	1.64E-07	1.69E-10	3.29E-07	1.32E-07	1.73E-10	2.34E-10	5.72E-06	6.58E-12	6.08E-12	0.00E+00	8.74E-06	1.24E-07	1.40E-16	8.24E-10	8.24E-10
Formaldehyde	Baseline	URBN	Infant	1.95E-12	1.63E-16	3.89E-07	5.40E-09	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-07	3.11E-12	1.42E-12	2.00E-12	1.07E-06	1.31E-07	1.58E-15	8.71E-10	8.71E-10
Formaldehyde	Baseline	URBN	Toddler	7.78E-12	6.14E-16	3.62E-07	2.16E-07	2.16E-08	0.00E+00	0.00E+00	7.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-06	4.18E-12	2.51E-12	0.00E+00	6.71E-06	4.06E-07	3.14E-15	2.71E-09	2.71E-09
Formaldehyde	Baseline	URBN	Adolescent	1.95E-12	1.15E-15	6.48E-07	3.02E-07	4.52E-08	0.00E+00	0.00E+00	7.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-06	7.78E-12	7.00E-12	0.00E+00	6.32E-06	1.06E-07	2.17E-16	7.05E-10	7.05E-10
Formaldehyde	Baseline	URBN	Child	1.95E-12	1.07E-15	5.29E-07	3.73E-07	3.15E-08	0.00E+00	0.00E+00	7.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-06	5.74E-12	4.43E-12	0.00E+00	7.77E-06	2.36E-07	3.94E-16	1.57E-09	1.57E-09
Formaldehyde	Baseline	URBN	Adult	1.95E-12	1.23E-15	7.40E-07	2.48E-07	3.74E-08	0.00E+00	0.00E+00	7.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-06	8.66E-12	8.00E-12	0.00E+00	6.74E-06	9.54E-08	1.83E-16	6.36E-10	6.36E-10
Formaldehyde	Application	ABOR	Infant	9.83E-12	8.22E-16	1.97E-06	8.19E-07	7.95E-08	9.94E-09	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-06	1.57E-11	7.18E-12	1.41E-11	7.13E-06	8.70E-07	7.99E-15	5.80E-09	5.80E-09
Formaldehyde	Application	ABOR	Toddler	3.93E-11	3.10E-15	1.83E-06	5.19E-06	1.09E-07	9.94E-09	1.09E-06	6.16E-10	1.09E-06	2.31E-07	4.79E-10	3.23E-10	2.92E-05	2.11E-11	1.27E-11	0.00E+00	3.88E-05	2.35E-06	1.59E-14	1.57E-08	1.57E-08
Formaldehyde	Application	ABOR	Adolescent	9.83E-12	5.83E-15	3.28E-06	1.09E-05	2.29E-07	9.94E-09	1.09E-06	1.23E-09	1.91E-06	4.71E-07	4.79E-10	9.68E-10	2.55E-05	3.93E-11	3.54E-11	0.00E+00	4.34E-05	7.26E-07	1.10E-15	4.84E-09	4.84E-09
Formaldehyde	Application	ABOR	Child	9.83E-12	5.42E-15	2.67E-06	9.83E-06	1.59E-07	9.94E-09	1.09E-06	1.04E-09	1.64E-06	3.39E-07	4.79E-10	6.46E-10	3.27E-05	2.90E-11	2.24E-11	0.00E+00	4.85E-05	1.47E-06	1.99E-15	9.82E-09	9.82E-09
Formaldehyde	Application	ABOR	Adult	9.83E-12	6.20E-15	3.74E-06	1.20E-05	1.89E-07	9.94E-09	1.09E-06	1.23E-09	2.18E-06	7.29E-07	9.59E-10	1.29E-09	2.74E-05	4.38E-11	4.04E-11	0.00E+00	4.73E-05	6.69E-07	9.27E-16	4.46E-09	4.46E-09
Formaldehyde	Application	URBN	Infant	1.45E-11	1.21E-15	2.90E-06	4.02E-08	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-06	2.32E-11	1.06E-11	1.04E-11	6.22E-06	7.59E-07	1.18E-14	5.06E-09	5.06E-09
Formaldehyde	Application	URBN	Toddler	5.80E-11	4.57E-15	2.70E-06	1.61E-06	1.61E-07	0.00E+00	0.00E+00	5.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05	3.12E-11	1.87E-11	0.00E+00	3.37E-05	2.04E-06	2.34E-14	1.36E-08	1.36E-08
Formaldehyde	Application	URBN	Adolescent	1.45E-11	8.59E-15	4.83E-06	2.25E-06	3.37E-07	0.00E+00	0.00E+00	5.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05	5.80E-11	5.22E-11	0.00E+00	3.29E-05	5.51E-07	1.62E-15	3.67E-09	3.67E-09
Formaldehyde	Application	URBN	Child	1.45E-11	7.99E-15	3.94E-06	2.78E-06	2.34E-07	0.00E+00	0.00E+00	5.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-05	4.28E-11	3.30E-11	0.00E+00	3.97E-05	1.21E-06	2.94E-15	8.04E-09	8.04E-09
Formaldehyde	Application	URBN	Adult	1.45E-11	9.14E-15	5.51E-06	1.85E-06	2.78E-07	0.00E+00	0.00E+00	5.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05	6.45E-11	5.96E-11	0.00E+00	3.50E-05	4.95E-07	1.37E-15	3.30E-09	3.30E-09
Formaldehyde	Cumulative	ABOR	Infant	9.89E-12	8.26E-16	1.98E-06	8.23E-07	8.00E-08	9.99E-09	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-06	1.58E-11	7.22E-12	1.43E-11	7.22E-06	8.81E-07	8.04E-15	5.87E-09	5.87E-09
Formaldehyde	Cumulative	ABOR	Toddler	3.95E-11	3.12E-15	1.84E-06	5.21E-06	1.10E-07	9.99E-09	1.10E-06	6.17E-10	1.10E-06	2.31E-07	4.80E-10	3.23E-10	2.99E-05	2.13E-11	1.28E-11	0.00E+00	3.95E-05	2.39E-06	1.60E-14	1.59E-08	1.59E-08
Formaldehyde	Cumulative	ABOR	Adolescent	9.89E-12	5.86E-15	3.29E-06	1.10E-05	2.30E-07	9.99E-09	1.10E-06	1.23E-09	1.92E-06	4.71E-07	4.80E-10	9.70E-10	2.60E-05	3.95E-11	3.56E-11	0.00E+00	4.40E-05	7.37E-07	1.10E-15	4.92E-09	4.92E-09
Formaldehyde	Cumulative	ABOR	Child	9.89E-12	5.45E-15	2.69E-06	9.88E-06	1.60E-07	9.99E-09	1.10E-06	1.04E-09	1.65E-06	3.39E-07	4.80E-10	6.46E-10	3.34E-05	2.92E-11	2.25E-11	0.00E+00	4.93E-05	1.50E-06	2.00E-15	9.98E-09	9.98E-09
Formaldehyde	Cumulative	ABOR	Adult	9.89E-12	6.24E-15	3.76E-06	1.21E-05	1.90E-07	9.99E-09	1.10E-06	1.23E-09	2.19E-06	7.30E-07	9.60E-10	1.29E-09	2.80E-05	4.40E-11	4.06E-11	0.00E+00	4.80E-05	6.79E-07	9.32E-16	4.53E-09	4.53E-09
Formaldehyde	Cumulative	URBN	Infant	1.45E-11	1.22E-15	2.91E-06	4.04E-08	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-06	2.33E-11	1.06E-11	1.06E-11	6.30E-06	7.68E-07	1.18E-14	5.12E-09	5.12E-09
Formaldehyde	Cumulative	URBN	Toddler	5.82E-11	4.59E-15	2.70E-06	1.61E-06	1.62E-07	0.00E+00	0.00E+00	5.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-05	3.13E-11	1.88E-11	0.00E+00	3.43E-05	2.08E-06	2.35E-14	1.39E-08	1.39E-08
Formaldehyde	Cumulative	URBN	Adolescent	1.45E-11	8.62E-15	4.84E-06	2.26E-06	3.38E-07	0.00E+00	0.00E+00	5.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05	5.82E-11	5.23E-11	0.00E+00	3.35E-05	5.60E-07	1.62E-15	3.74E-09	3.74E-09
Formaldehyde	Cumulative	URBN	Child	1.45E-11	8.01E-15	3.96E-06	2.79E-06	2.35E-07	0.00E+00	0.00E+00	5.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-05	4.29E-11	3.31E-11	0.00E+00	4.04E-05	1.23E-06	2.95E-15	8.19E-09	8.19E-09
Formaldehyde	Cumulative	URBN	Adult	1.45E-11	9.17E-15	5.53E-06	1.86E-06	2.79E-07	0.00E+00	0.00E+00	5.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05	6.47E-11	5.98E-11	0.00E+00	3.56E-05	5.04E-07	1.37E-15	3.36E-09	3.36E-09
Formaldehyde	Project	ABOR	Infant	8.35E-12	6.98E-16	1.67E-06	6.96E-07	6.76E-08	8.44E-09	9.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-06	1.34E-11	6.10E-12	1.15E-11	5.87E-06	7.16E-07	6.79E-15	4.78E-09	4.78E-09
Formaldehyde	Project	ABOR	Toddler	3.34E-11	2.63E-15	1.55E-06	4.41E-06	9.29E-08	8.44E-09	9.27E-07	5.31E-10	9.27E-07	2.14E-07	4.45E-10	3.00E-10	2.31E-05	1.80E-11	1.08E-11	0.00E+00	3.13E-05	1.89E-06	1.35E-14	1.26E-08	1.26E-08
Formaldehyde	Project	ABOR	Adolescent	8.35E-12	4.95E-15	2.78E-06	9.27E-06	1.94E-07	8.44E-09	9.27E-07	1.06E-09	1.62E-06	4.36E-07	4.45E-10	8.99E-10	2.02E-05	3.34E-11	3.01E-11	0.00E+00	3.54E-05	5.93E-07	9.33E-16	3.95E-09	3.95E-09
Formaldehyde	Project	ABOR	Child	8.35E-12	4.60E-15	2.27E-06	8.35E-06	1.35E-07	8.44E-09	9.27E-07	8.99E-10	1.39E-06	3.14E-07	4.45E-10	5.99E-10	2.59E-05	2.46E-11	1.90E-11	0.00E+00	3.93E-05	1.19E-06	1.69E-15	7.97E-09	7.97E-09
Formaldehyde	Project	ABOR	Adult	8.35E-12	5.27E-15	3.18E-06	1.02E-05	1.60E-07	8.44E-09	9.27E-07	1.06E-09	1.85E-06	6.76E-07	8.91E-10	1.20E-09	2.17E-05	3.72E-11	3.43E-11	0.00E+00	3.87E-05	5.47E-07	7.88E-16	3.65E-09	3.65E-09
Formaldehyde	Project	URBN	Infant	1.25E-11	1.05E-15	2.51E-06	3.48E-08	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-06	2.01E-11	9.16E-12	8.41E-12	5.15E-06	6.28E-07	1.02E-14	4.19E-09	4.19E-09
Formaldehyde	Project	URBN	Toddler	5.02E-11	3.96E-15	2.33E-06	1.39E-06	1.40E-07	0.00E+00	0.00E+00	4.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	2.70E-11	1.62E-11	0.00E+00	2.70E-05	1.64E-06	2.03E-14	1.09E-08	1.09E-08
Formaldehyde	Project	URBN	Adolescent	1.25E-11	7.44E-15	4.18E-06	1.95E-06	2.92E-07	0.00E+00	0.00E+00	4.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05	5.02E-11	4.52E-11	0.00E+00	2.66E-05	4.45E-07	1.40E-15	2.97E-09	2.97E-09
Formaldehyde	Project	URBN	Child	1.25E-11	6.91E-15	3.41E-06	2.40E-06	2.03E-07	0.00E+00	0.00E+00	4.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05	3.70E-11	2.85E-11	0.00E+00	3.19E-05	9.71E-07	2.54E-15	6.47E-09	6.47E-09
Formaldehyde	Project	URBN	Adult	1.25E-11	7.92E-15	4.77E-06	1.60E-06	2.41E-07	0.00E+00	0.00E+00	4.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05	5.58E-11	5.16E-11	0.00E+00	2.83E-05	4.00E-07	1.18E-15	2.67E-09	2.67E-09
Formaldehyde	Future	ABOR	Infant	8.41E-12	7.03E-16	1.68E-06	7.00E-07	6.80E-08	8.50E-09	9.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-06	1.34E-11	6.14E-12	1.17E-11	5.96E-06	7.27E-07	6.83E-15	4.85E-09	4.85E-09
Formaldehyde	Future	ABOR	Toddler	3.36E-11	2.65E-15	1.56E-06	4.43E-06	9.35E-08	8.50E-09	9.33E-07	5.33E-10	9.33E-07	1.89E-07	3.93E-10	2.65E-10	2.38E-05	1.81E-11	1.08E-11	0.00E+00					

Trans Mountain Pipeline ULC  
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Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total	
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Hexachlorobenzene	Baseline	ABOR	Infant	4.18E-14	3.49E-18	1.47E-13	6.10E-14	6.27E-12	7.84E-13	8.14E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-09	1.00E-14	4.58E-15	9.72E-10	3.94E-09	4.80E-10	6.37E-15	6.00E-10	6.00E-10
Hexachlorobenzene	Baseline	ABOR	Toddler	1.67E-13	1.32E-17	1.36E-13	3.86E-13	8.62E-12	7.84E-13	8.14E-14	1.49E-12	7.90E-14	2.53E-11	2.66E-13	3.80E-14	5.18E-09	1.35E-14	8.09E-15	0.00E+00	5.22E-09	3.16E-10	1.27E-14	3.96E-10	3.96E-10	
Hexachlorobenzene	Baseline	ABOR	Adolescent	4.18E-14	2.48E-17	2.44E-13	8.13E-13	1.80E-11	7.84E-13	8.14E-14	2.98E-12	1.38E-13	5.16E-11	2.66E-13	1.14E-13	1.27E-08	2.51E-14	2.26E-14	0.00E+00	1.28E-08	2.14E-10	8.75E-16	2.68E-10	2.68E-10	
Hexachlorobenzene	Baseline	ABOR	Child	4.18E-14	2.30E-17	2.00E-13	7.31E-13	1.25E-11	7.84E-13	8.14E-14	2.52E-12	1.18E-13	3.72E-11	2.66E-13	7.61E-14	8.46E-09	1.85E-14	1.43E-14	0.00E+00	8.52E-09	2.59E-10	1.59E-15	3.24E-10	3.24E-10	
Hexachlorobenzene	Baseline	ABOR	Adult	4.18E-14	2.64E-17	2.79E-13	8.94E-13	1.49E-11	7.84E-13	8.14E-14	2.98E-12	1.58E-13	8.00E-11	5.32E-13	1.52E-13	1.45E-08	2.79E-14	2.58E-14	0.00E+00	1.46E-08	2.07E-10	7.39E-16	2.58E-10	2.58E-10	
Hexachlorobenzene	Baseline	URBN	Infant	5.40E-14	4.51E-18	1.89E-13	2.62E-15	8.10E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-09	1.30E-14	5.91E-15	9.67E-10	3.93E-09	4.80E-10	8.23E-15	5.99E-10	5.99E-10	
Hexachlorobenzene	Baseline	URBN	Toddler	2.16E-13	1.70E-17	1.76E-13	1.05E-13	1.11E-11	0.00E+00	0.00E+00	1.26E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-09	1.74E-14	1.04E-14	0.00E+00	5.20E-09	3.15E-10	1.64E-14	3.94E-10	3.94E-10	
Hexachlorobenzene	Baseline	URBN	Adolescent	5.40E-14	3.20E-17	3.16E-13	1.47E-13	2.33E-11	0.00E+00	0.00E+00	1.26E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-08	3.24E-14	2.92E-14	0.00E+00	1.28E-08	2.14E-10	1.13E-15	2.67E-10	2.67E-10	
Hexachlorobenzene	Baseline	URBN	Child	5.40E-14	2.97E-17	2.58E-13	1.81E-13	1.62E-11	0.00E+00	0.00E+00	1.26E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-09	2.39E-14	1.84E-14	0.00E+00	4.8E-09	2.58E-10	2.05E-15	3.22E-10	3.22E-10	
Hexachlorobenzene	Baseline	URBN	Adult	5.40E-14	3.41E-17	3.60E-13	1.21E-13	1.92E-11	0.00E+00	0.00E+00	1.26E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-08	3.60E-14	3.33E-14	0.00E+00	1.45E-08	2.05E-10	9.54E-16	2.57E-10	2.57E-10	
Hexachlorobenzene	Application	ABOR	Infant	1.85E-13	1.54E-17	6.48E-13	2.70E-13	2.77E-11	3.47E-12	3.60E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-09	4.44E-14	2.02E-14	2.77E-09	1.12E-08	1.36E-09	2.82E-14	1.71E-09	1.71E-09	
Hexachlorobenzene	Application	ABOR	Toddler	7.39E-13	5.83E-17	6.03E-13	1.71E-12	3.81E-11	3.47E-12	3.60E-13	8.23E-12	3.49E-13	9.76E-11	1.31E-12	1.63E-13	1.47E-08	5.96E-14	3.58E-14	0.00E+00	1.49E-08	9.01E-10	5.60E-14	1.13E-09	1.13E-09	
Hexachlorobenzene	Application	ABOR	Adolescent	1.85E-13	1.10E-16	1.08E-12	3.59E-12	7.97E-11	3.47E-12	3.60E-13	1.65E-11	6.11E-13	1.99E-10	1.31E-12	4.88E-13	1.65E-08	3.64E-08	0.00E+00	3.64E-08	6.10E-10	1.73E-14	1.63E-10	7.63E-10	7.63E-10	
Hexachlorobenzene	Application	ABOR	Child	1.85E-13	1.02E-16	8.82E-13	3.23E-12	5.54E-11	3.47E-12	3.60E-13	1.39E-11	5.24E-13	1.43E-10	1.31E-12	3.25E-13	2.40E-08	8.18E-14	6.31E-14	0.00E+00	2.42E-08	7.37E-10	7.02E-15	9.21E-10	9.21E-10	
Hexachlorobenzene	Application	ABOR	Adult	1.85E-13	1.17E-16	1.23E-12	3.95E-12	6.58E-11	3.47E-12	3.60E-13	1.65E-11	6.98E-13	3.09E-10	2.63E-12	6.51E-13	4.12E-08	1.23E-13	1.14E-13	0.00E+00	4.16E-08	5.88E-10	3.27E-15	7.35E-10	7.35E-10	
Hexachlorobenzene	Application	URBN	Infant	3.07E-13	2.57E-17	1.08E-12	1.49E-14	4.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-09	7.38E-14	3.37E-14	2.75E-09	1.12E-08	1.36E-09	4.69E-14	1.71E-09	1.71E-09	
Hexachlorobenzene	Application	URBN	Toddler	1.23E-12	9.69E-17	1.00E-12	5.98E-13	6.34E-11	0.00E+00	0.00E+00	6.96E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-08	9.91E-14	5.95E-14	0.00E+00	1.48E-08	8.96E-10	9.31E-14	1.12E-09	1.12E-09	
Hexachlorobenzene	Application	URBN	Adolescent	3.07E-13	1.82E-16	1.80E-12	8.37E-13	1.33E-10	0.00E+00	0.00E+00	6.96E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-08	1.84E-13	1.66E-13	0.00E+00	3.63E-08	6.07E-10	6.44E-15	7.59E-10	7.59E-10	
Hexachlorobenzene	Application	URBN	Child	3.07E-13	1.69E-16	1.47E-12	1.03E-12	9.22E-11	0.00E+00	0.00E+00	6.96E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-08	1.36E-13	1.05E-13	0.00E+00	2.41E-08	7.33E-10	1.17E-14	9.16E-10	9.16E-10	
Hexachlorobenzene	Application	URBN	Adult	3.07E-13	1.94E-16	2.05E-12	6.87E-13	1.09E-10	0.00E+00	0.00E+00	6.96E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-08	2.05E-13	1.89E-13	0.00E+00	4.13E-08	5.84E-10	5.43E-15	7.30E-10	7.30E-10	
Hexachlorobenzene	Cumulative	ABOR	Infant	1.71E-13	1.43E-17	5.98E-13	2.49E-13	2.56E-11	3.20E-12	3.32E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-09	4.09E-14	1.87E-14	2.18E-09	8.83E-09	1.08E-09	2.60E-14	1.35E-09	1.35E-09	
Hexachlorobenzene	Cumulative	ABOR	Toddler	6.82E-13	5.38E-17	5.57E-13	1.58E-12	3.52E-11	3.20E-12	3.32E-13	7.79E-12	3.22E-13	8.82E-11	1.28E-12	1.52E-13	1.16E-08	5.50E-14	3.30E-14	0.00E+00	1.17E-08	7.11E-10	5.17E-14	8.89E-10	8.89E-10	
Hexachlorobenzene	Cumulative	ABOR	Adolescent	1.71E-13	1.01E-16	9.97E-13	3.32E-12	7.35E-11	3.20E-12	3.32E-13	1.56E-11	5.64E-13	1.80E-10	1.28E-12	4.56E-13	2.85E-08	1.02E-13	9.21E-14	0.00E+00	2.88E-08	4.82E-10	3.57E-15	6.02E-10	6.02E-10	
Hexachlorobenzene	Cumulative	ABOR	Child	1.71E-13	9.40E-17	8.14E-13	2.98E-12	5.12E-11	3.20E-12	3.32E-13	1.32E-11	4.83E-13	1.30E-10	1.28E-12	3.04E-13	1.89E-08	7.55E-14	5.82E-14	0.00E+00	1.91E-08	5.82E-10	6.48E-15	7.27E-10	7.27E-10	
Hexachlorobenzene	Cumulative	ABOR	Adult	1.71E-13	1.08E-16	1.14E-12	3.65E-12	6.08E-11	3.20E-12	3.32E-13	1.56E-11	6.44E-13	2.79E-10	2.56E-12	6.09E-13	3.28E-08	1.14E-13	1.05E-13	0.00E+00	3.28E-08	4.64E-10	3.02E-15	5.80E-10	5.80E-10	
Hexachlorobenzene	Cumulative	URBN	Infant	2.92E-13	2.44E-17	1.02E-12	1.42E-14	4.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-09	7.01E-14	3.20E-14	2.17E-09	8.83E-09	1.08E-09	4.45E-14	1.35E-09	1.35E-09	
Hexachlorobenzene	Cumulative	URBN	Toddler	1.17E-12	9.21E-17	9.53E-13	5.68E-13	6.02E-11	0.00E+00	0.00E+00	6.59E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-08	9.42E-14	5.65E-14	0.00E+00	1.17E-08	7.07E-10	8.85E-14	8.84E-10	8.84E-10	
Hexachlorobenzene	Cumulative	URBN	Adolescent	2.92E-13	1.73E-16	1.71E-12	7.95E-13	1.26E-10	0.00E+00	0.00E+00	6.59E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-08	1.75E-13	1.58E-13	0.00E+00	2.86E-08	4.79E-10	6.12E-15	5.99E-10	5.99E-10	
Hexachlorobenzene	Cumulative	URBN	Child	2.92E-13	1.61E-16	1.39E-12	9.80E-13	8.76E-11	0.00E+00	0.00E+00	6.59E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-08	1.29E-13	9.97E-14	0.00E+00	1.90E-08	5.78E-10	1.11E-14	7.23E-10	7.23E-10	
Hexachlorobenzene	Cumulative	URBN	Adult	2.92E-13	1.84E-16	1.95E-12	6.53E-13	1.04E-10	0.00E+00	0.00E+00	6.59E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-08	1.95E-13	1.80E-13	0.00E+00	3.26E-08	4.61E-10	5.16E-15	5.76E-10	5.76E-10	
Hexachlorobenzene	Project	ABOR	Infant	1.47E-13	1.23E-17	5.17E-13	2.15E-13	2.21E-11	2.76E-12	2.87E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-09	3.54E-14	1.61E-14	1.79E-09	7.25E-09	8.84E-10	2.25E-14	1.11E-09	1.11E-09	
Hexachlorobenzene	Project	ABOR	Toddler	5.90E-13	4.65E-17	4.81E-13	1.36E-12	3.04E-11	2.76E-12	2.87E-13	6.73E-12	2.79E-13	7.88E-11	1.19E-12	1.38E-13	9.52E-09	4.75E-14	2.85E-14	0.00E+00	9.64E-09	5.84E-10	4.47E-14	7.30E-10	7.30E-10	
Hexachlorobenzene	Project	ABOR	Adolescent	1.47E-13	8.74E-17	8.62E-13	2.87E-12	6.36E-11	2.76E-12	2.87E-13	1.35E-11	4.87E-13	1.61E-10	1.19E-12	4.15E-13	2.34E-08	8.85E-14	7.96E-14	0.00E+00	2.36E-08	3.96E-10	3.09E-15	4.94E-10	4.94E-10	
Hexachlorobenzene	Project	ABOR	Child	1.47E-13	8.12E-17	7.04E-13	2.58E-12	4.42E-11	2.76E-12	2.87E-13	1.14E-11	4.18E-13	1.16E-10	1.19E-12	2.77E-13	1.55E-08	6.52E-14	5.03E-14	0.00E+00	1.57E-08	4.78E-10	5.60E-15	5.97E-10	5.97E-10	
Hexachlorobenzene	Project	ABOR	Adult	1.47E-13	9.30E-17	9.84E-13	3.15E-12	5.25E-11	2.76E-12	2.87E-13	1.35E-11	5.57E-13	2.49E-10	2.38E-12	5.54E-13	2.66E-08	9.84E-14	9.09E-14	0.00E+00	2.69E-08	3.81E-10	2.61E-15	4.76E-10	4.76E-10	
Hexachlorobenzene	Project	URBN	Infant	2.54E-13	2.12E-17	8.89E-13	1.23E-14	3.80E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-09	6.08E-14	2.78E-14	1.78E-09	7.25E-09	8.84E-10	3.86E-14	1.10E-09	1.10E-09	
Hexachlorobenzene	Project	URBN	Toddler	1.01E-12	8.00E-17	8.27E-13	4.93E-13	5.23E-11	0.00E+00	0.00E+00	5.69E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-09	8.18E-14	4.91E-14	0.00E+00	9.58E-09	5.80E-10	7.68E-14	7.25E-10	7.26E-10	
Hexachlorobenzene	Project	URBN	Adolescent	2.54E-13	1.50E-16	1.48E-12	6.90E-13	1.09E-10	0.00E+00	0															

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total	
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Hexachlorobenzene	Future	URBN	Toddler	9.52E-13	7.51E-17	7.77E-13	4.63E-13	4.91E-11	0.00E+00	0.00E+00	5.33E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-09	7.68E-14	4.61E-14	0.00E+00	6.47E-09	3.92E-10	7.22E-14	4.90E-10	4.90E-10
Hexachlorobenzene	Future	URBN	Adolescent	2.38E-13	1.41E-16	1.39E-12	6.48E-13	1.03E-10	0.00E+00	0.00E+00	5.33E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-08	1.43E-13	1.29E-13	0.00E+00	1.59E-08	2.66E-10	4.99E-15	3.32E-10	3.32E-10
Hexachlorobenzene	Future	URBN	Child	2.38E-13	1.31E-16	1.14E-12	7.99E-13	7.14E-11	0.00E+00	0.00E+00	5.33E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-08	1.05E-13	8.13E-14	0.00E+00	1.05E-08	3.21E-10	9.05E-15	4.01E-10	4.01E-10
Hexachlorobenzene	Future	URBN	Adult	2.38E-13	1.50E-16	1.59E-12	5.32E-13	8.48E-11	0.00E+00	0.00E+00	5.33E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-08	1.59E-13	1.47E-13	0.00E+00	1.80E-08	2.55E-10	4.21E-15	3.19E-10	3.19E-10
Indeno(1,2,3,c,d)pyrene	Baseline	ABOR	Infant	1.00E-07	8.36E-12	4.29E-07	1.67E-07	2.02E-06	2.52E-07	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-06	2.40E-08	1.10E-08	2.13E-05	2.79E-05	3.40E-06	8.71E-06	2.42E-03	2.43E-03
Indeno(1,2,3,c,d)pyrene	Baseline	ABOR	Toddler	4.00E-07	3.15E-11	3.99E-07	1.06E-06	2.77E-06	2.52E-07	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-06	3.23E-08	1.94E-08	0.00E+00	1.44E-05	8.70E-07	1.73E-05	6.04E-04	6.21E-04
Indeno(1,2,3,c,d)pyrene	Baseline	ABOR	Adolescent	1.00E-07	5.93E-11	7.14E-07	2.22E-06	5.79E-06	2.52E-07	2.38E-07	6.54E-06	4.14E-07	7.51E-08	1.41E-10	3.06E-10	1.42E-05	6.00E-08	5.40E-08	0.00E+00	3.06E-05	5.13E-07	1.20E-06	3.65E-04	3.66E-04	
Indeno(1,2,3,c,d)pyrene	Baseline	ABOR	Child	1.00E-07	5.51E-11	5.83E-07	2.00E-06	4.03E-06	2.52E-07	2.38E-07	5.53E-06	3.55E-07	5.41E-08	1.41E-10	2.04E-10	9.30E-06	4.43E-08	3.41E-08	0.00E+00	2.25E-05	6.85E-07	2.17E-06	4.87E-04	4.89E-04	
Indeno(1,2,3,c,d)pyrene	Baseline	ABOR	Adult	1.00E-07	6.31E-11	8.15E-07	2.44E-06	4.79E-06	2.52E-07	2.38E-07	6.54E-06	4.73E-07	1.16E-07	2.81E-10	4.08E-10	1.61E-05	6.68E-08	6.17E-08	0.00E+00	3.20E-05	4.53E-07	1.01E-06	3.23E-04	3.24E-04	
Indeno(1,2,3,c,d)pyrene	Baseline	URBN	Infant	1.29E-07	1.08E-11	5.53E-07	7.17E-09	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-06	3.10E-08	1.41E-08	1.78E-05	2.45E-05	2.98E-06	1.13E-05	2.12E-03	2.13E-03	
Indeno(1,2,3,c,d)pyrene	Baseline	URBN	Toddler	5.17E-07	4.07E-11	5.15E-07	2.87E-07	3.58E-06	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-06	4.17E-08	2.50E-08	0.00E+00	1.34E-05	8.10E-07	2.24E-05	5.56E-04	5.79E-04	
Indeno(1,2,3,c,d)pyrene	Baseline	URBN	Adolescent	1.29E-07	7.66E-11	9.22E-07	4.02E-07	7.48E-06	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-05	7.75E-08	6.98E-08	0.00E+00	2.60E-05	4.36E-07	1.55E-06	3.10E-04	3.11E-04	
Indeno(1,2,3,c,d)pyrene	Baseline	URBN	Child	1.29E-07	7.12E-11	7.53E-07	4.95E-07	5.21E-06	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-06	5.72E-08	4.41E-08	0.00E+00	1.88E-05	5.70E-07	2.81E-06	4.04E-04	4.07E-04	
Indeno(1,2,3,c,d)pyrene	Baseline	URBN	Adult	1.29E-07	8.15E-11	1.05E-06	3.30E-07	6.18E-06	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	8.62E-08	7.97E-08	0.00E+00	2.68E-05	3.79E-07	1.31E-06	2.69E-04	2.70E-04	
Indeno(1,2,3,c,d)pyrene	Application	ABOR	Infant	4.42E-07	3.70E-11	1.89E-06	7.37E-07	8.91E-06	1.11E-06	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05	1.06E-07	4.84E-08	8.77E-05	1.13E-04	1.38E-05	3.85E-05	9.82E-03	9.85E-03	
Indeno(1,2,3,c,d)pyrene	Application	ABOR	Toddler	1.77E-06	1.39E-10	1.76E-06	4.67E-06	1.23E-05	1.11E-06	1.05E-06	1.80E-05	1.05E-06	1.87E-07	7.15E-10	5.19E-10	1.90E-05	1.43E-07	8.56E-08	0.00E+00	6.11E-05	3.70E-06	7.66E-05	2.57E-03	2.64E-03	
Indeno(1,2,3,c,d)pyrene	Application	ABOR	Adolescent	4.42E-07	2.62E-10	3.16E-06	9.82E-06	2.56E-05	1.11E-06	1.05E-06	3.60E-05	1.83E-06	3.82E-07	7.15E-10	1.56E-09	4.76E-05	2.65E-07	2.39E-07	0.00E+00	1.28E-04	2.14E-06	5.29E-06	1.52E-03	1.53E-03	
Indeno(1,2,3,c,d)pyrene	Application	ABOR	Child	4.42E-07	2.44E-10	2.58E-06	8.84E-06	1.78E-05	1.11E-06	1.05E-06	3.05E-05	1.57E-06	2.75E-07	7.15E-10	1.04E-09	3.13E-05	1.96E-07	1.51E-07	0.00E+00	9.58E-05	2.91E-06	9.60E-06	2.07E-03	2.08E-03	
Indeno(1,2,3,c,d)pyrene	Application	ABOR	Adult	4.42E-07	2.79E-10	3.61E-06	1.08E-05	2.12E-05	1.11E-06	1.05E-06	3.60E-05	2.09E-06	5.92E-07	1.43E-09	2.08E-09	5.43E-05	2.95E-07	2.73E-07	0.00E+00	1.32E-04	1.86E-06	4.47E-06	1.33E-03	1.33E-03	
Indeno(1,2,3,c,d)pyrene	Application	URBN	Infant	7.36E-07	6.15E-11	3.15E-06	4.09E-08	1.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05	1.77E-07	8.06E-08	7.61E-05	1.06E-04	1.30E-05	6.41E-05	9.19E-03	9.25E-03	
Indeno(1,2,3,c,d)pyrene	Application	URBN	Toddler	2.94E-06	2.32E-10	2.93E-06	1.63E-06	2.04E-05	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	2.37E-07	1.42E-07	0.00E+00	6.25E-05	3.79E-06	1.27E-04	2.58E-03	2.71E-03	
Indeno(1,2,3,c,d)pyrene	Application	URBN	Adolescent	7.36E-07	4.36E-10	5.25E-06	2.29E-06	4.26E-05	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-05	4.42E-07	3.97E-07	0.00E+00	1.15E-04	1.92E-06	8.80E-06	1.36E-03	1.37E-03	
Indeno(1,2,3,c,d)pyrene	Application	URBN	Child	7.36E-07	4.05E-10	4.29E-06	2.82E-06	2.97E-05	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05	3.26E-07	2.51E-07	0.00E+00	8.46E-05	2.57E-06	1.60E-05	1.82E-03	1.84E-03	
Indeno(1,2,3,c,d)pyrene	Application	URBN	Adult	7.36E-07	4.64E-10	6.00E-06	1.88E-06	3.52E-05	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-05	4.91E-07	4.54E-07	0.00E+00	1.14E-04	1.62E-06	7.43E-06	1.15E-03	1.15E-03	
Indeno(1,2,3,c,d)pyrene	Cumulative	ABOR	Infant	4.08E-07	3.41E-11	1.75E-06	6.80E-07	8.22E-06	1.03E-06	9.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-06	9.80E-08	4.47E-08	7.91E-05	1.02E-04	1.24E-05	3.56E-05	8.84E-03	8.87E-03	
Indeno(1,2,3,c,d)pyrene	Cumulative	ABOR	Toddler	1.63E-06	1.29E-10	1.63E-06	4.31E-06	1.13E-05	1.03E-06	9.71E-07	1.71E-05	9.65E-07	1.83E-07	6.99E-10	5.07E-10	1.62E-05	1.32E-07	7.90E-08	0.00E+00	5.56E-05	3.37E-06	7.07E-05	2.33E-03	2.41E-03	
Indeno(1,2,3,c,d)pyrene	Cumulative	ABOR	Adolescent	4.08E-07	2.42E-10	2.91E-06	9.07E-06	2.36E-05	1.03E-06	9.71E-07	3.42E-05	1.69E-06	3.73E-07	6.99E-10	1.52E-09	4.08E-05	2.45E-07	2.20E-07	0.00E+00	1.15E-04	1.93E-06	4.88E-06	1.38E-03	1.38E-03	
Indeno(1,2,3,c,d)pyrene	Cumulative	ABOR	Child	4.08E-07	2.25E-10	2.38E-06	8.16E-06	1.64E-05	1.03E-06	9.71E-07	2.89E-05	1.45E-06	2.68E-07	6.99E-10	1.01E-09	2.68E-05	1.81E-07	1.39E-07	0.00E+00	8.71E-05	2.65E-06	8.86E-06	1.88E-03	1.89E-03	
Indeno(1,2,3,c,d)pyrene	Cumulative	ABOR	Adult	4.08E-07	2.57E-10	3.33E-06	9.97E-06	1.95E-05	1.03E-06	9.71E-07	3.42E-05	1.93E-06	5.78E-07	1.40E-09	2.03E-09	4.65E-05	2.72E-07	2.52E-07	0.00E+00	1.19E-04	1.68E-06	4.12E-06	1.20E-03	1.20E-03	
Indeno(1,2,3,c,d)pyrene	Cumulative	URBN	Infant	6.99E-07	5.84E-11	2.99E-06	3.88E-08	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-06	1.68E-07	7.66E-08	6.89E-05	9.64E-05	1.18E-05	6.09E-05	8.34E-03	8.40E-03	
Indeno(1,2,3,c,d)pyrene	Cumulative	URBN	Toddler	2.80E-06	2.20E-10	2.79E-06	1.55E-06	1.94E-05	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05	2.25E-07	1.35E-07	0.00E+00	5.76E-05	3.49E-06	1.21E-04	2.37E-03	2.49E-03	
Indeno(1,2,3,c,d)pyrene	Cumulative	URBN	Adolescent	6.99E-07	4.14E-10	4.99E-06	2.17E-06	4.05E-05	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-05	4.19E-07	3.78E-07	0.00E+00	1.04E-04	1.75E-06	8.36E-06	1.24E-03	1.25E-03	
Indeno(1,2,3,c,d)pyrene	Cumulative	URBN	Child	6.99E-07	3.85E-10	4.08E-06	2.68E-06	2.82E-05	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05	3.09E-07	2.39E-07	0.00E+00	7.74E-05	2.35E-06	1.52E-05	1.67E-03	1.68E-03	
Indeno(1,2,3,c,d)pyrene	Cumulative	URBN	Adult	6.99E-07	4.41E-10	5.70E-06	1.79E-06	3.35E-05	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-0									

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil Unitless	RQ Oral Unitless	RQ Total Unitless
				Soil SIR ug/day	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total			
					AIR ug/day	Plant ug/day	Berries ug/day	Root ug/day	WildRoot ug/day	WildPlant ug/day	Shellfish ug/day	Seaweed ug/day	Deer ug/day	Ruffed_grouse ug/day	Snowshoe_hare ug/day	Surface Water ug/day	Hands ug/day	Other ug/day	Breast Milk ug/day	EDI ug/day	EDI ug/kg/day			
Indeno(1,2,3,c,d)pyrene	Future	ABOR	Adolescent	3.27E-07	1.94E-10	2.33E-06	7.26E-06	1.89E-05	8.23E-07	7.78E-07	2.76E-05	1.35E-06	2.98E-07	5.58E-10	1.21E-09	2.66E-05	1.96E-07	1.77E-07	0.00E+00	8.67E-05	1.45E-06	3.91E-06	1.03E-03	1.04E-03
Indeno(1,2,3,c,d)pyrene	Future	ABOR	Child	3.27E-07	1.80E-10	1.91E-06	6.54E-06	1.32E-05	8.23E-07	7.78E-07	2.34E-05	1.16E-06	2.14E-07	5.58E-10	8.10E-10	1.75E-05	1.45E-07	1.12E-07	0.00E+00	6.60E-05	2.01E-06	7.10E-06	1.43E-03	1.43E-03
Indeno(1,2,3,c,d)pyrene	Future	ABOR	Adult	3.27E-07	2.06E-10	2.66E-06	7.99E-06	1.56E-05	8.23E-07	7.78E-07	2.76E-05	1.55E-06	4.62E-07	1.12E-09	1.62E-09	3.03E-05	2.18E-07	2.02E-07	0.00E+00	8.86E-05	1.25E-06	3.30E-06	8.92E-04	8.95E-04
Indeno(1,2,3,c,d)pyrene	Future	URBN	Infant	5.70E-07	4.76E-11	2.44E-06	3.16E-08	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-06	1.37E-07	6.24E-08	5.10E-05	7.20E-05	8.78E-06	4.96E-05	6.22E-03	6.27E-03
Indeno(1,2,3,c,d)pyrene	Future	URBN	Toddler	2.28E-06	1.80E-10	2.27E-06	1.27E-06	1.58E-05	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05	1.84E-07	1.10E-07	0.00E+00	4.42E-05	2.68E-06	9.87E-05	1.81E-03	1.91E-03
Indeno(1,2,3,c,d)pyrene	Future	URBN	Adolescent	5.70E-07	3.38E-10	4.07E-06	1.77E-06	3.30E-05	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05	3.42E-07	3.08E-07	0.00E+00	7.84E-05	1.31E-06	6.82E-06	9.31E-04	9.38E-04
Indeno(1,2,3,c,d)pyrene	Future	URBN	Child	5.70E-07	3.14E-10	3.32E-06	2.18E-06	2.30E-05	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05	2.52E-07	1.94E-07	0.00E+00	5.87E-05	1.78E-06	1.24E-05	1.26E-03	1.27E-03
Indeno(1,2,3,c,d)pyrene	Future	URBN	Adult	5.70E-07	3.59E-10	4.65E-06	1.46E-06	2.73E-05	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05	3.80E-07	3.51E-07	0.00E+00	7.67E-05	1.08E-06	5.76E-06	7.69E-04	7.75E-04
Lead	Baseline	ABOR	Infant	2.96E-02	2.48E-06	7.57E-03	2.94E-03	1.60E-03	2.00E-04	4.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-06	2.84E-04	1.30E-04	0.00E+00	4.66E-02	5.68E-03	n/a	n/a	0.00E+00
Lead	Baseline	ABOR	Toddler	1.19E-01	9.34E-06	7.04E-03	1.86E-02	2.20E-03	2.00E-04	4.20E-03	1.21E+00	3.00E-03	2.25E-04	5.89E-07	1.05E-06	1.05E-03	3.82E-04	2.29E-04	0.00E+00	1.37E+00	8.29E-02	n/a	n/a	0.00E+00
Lead	Baseline	ABOR	Adolescent	2.96E-02	1.76E-05	1.26E-02	3.92E-02	4.60E-03	2.00E-04	4.20E-03	2.43E+00	5.24E-03	4.59E-04	5.89E-07	3.16E-06	5.49E-04	7.11E-04	6.40E-04	0.00E+00	2.52E+00	4.23E-02	n/a	n/a	0.00E+00
Lead	Baseline	ABOR	Child	2.96E-02	1.63E-05	1.03E-02	3.53E-02	3.20E-03	2.00E-04	4.20E-03	2.05E+00	4.49E-03	3.31E-04	5.89E-07	2.11E-06	1.06E-03	5.24E-04	4.04E-04	0.00E+00	2.14E+00	6.51E-02	n/a	n/a	0.00E+00
Lead	Baseline	ABOR	Adult	2.96E-02	1.87E-05	1.44E-02	4.32E-02	3.80E-03	2.00E-04	4.20E-03	2.43E+00	5.99E-03	7.12E-04	1.18E-06	4.21E-06	5.54E-04	7.91E-04	7.31E-04	0.00E+00	2.53E+00	3.58E-02	n/a	n/a	0.00E+00
Lead	Baseline	URBN	Infant	2.97E-02	2.48E-06	7.58E-03	9.82E-05	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-06	2.85E-04	1.30E-04	0.00E+00	3.94E-02	4.80E-03	n/a	n/a	0.00E+00
Lead	Baseline	URBN	Toddler	1.19E-01	9.35E-06	7.05E-03	3.93E-03	2.20E-03	0.00E+00	0.00E+00	1.03E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	3.83E-04	2.30E-04	0.00E+00	1.16E+00	7.03E-02	n/a	n/a	0.00E+00
Lead	Baseline	URBN	Adolescent	2.97E-02	1.76E-05	1.26E-02	5.50E-03	4.60E-03	0.00E+00	0.00E+00	1.03E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04	7.12E-04	6.41E-04	0.00E+00	1.08E+00	1.81E-02	n/a	n/a	0.00E+00
Lead	Baseline	URBN	Child	2.97E-02	1.63E-05	1.03E-02	6.78E-03	3.20E-03	0.00E+00	0.00E+00	1.03E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	5.25E-04	4.05E-04	0.00E+00	1.08E+00	3.28E-02	n/a	n/a	0.00E+00
Lead	Baseline	URBN	Adult	2.97E-02	1.87E-05	1.44E-02	4.52E-03	3.80E-03	0.00E+00	0.00E+00	1.03E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04	7.92E-04	7.31E-04	0.00E+00	1.08E+00	1.53E-02	n/a	n/a	0.00E+00
Lead	Application	ABOR	Infant	2.99E-02	2.50E-06	7.65E-03	2.97E-03	1.62E-03	2.02E-04	4.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-06	2.87E-04	1.31E-04	0.00E+00	4.71E-02	5.74E-03	n/a	n/a	0.00E+00
Lead	Application	ABOR	Toddler	1.20E-01	9.44E-06	7.12E-03	1.88E-02	2.22E-03	2.02E-04	4.25E-03	1.23E+00	3.03E-03	2.35E-04	6.14E-07	1.10E-06	1.06E-03	3.86E-04	2.32E-04	0.00E+00	1.39E+00	8.40E-02	n/a	n/a	0.00E+00
Lead	Application	ABOR	Adolescent	2.99E-02	1.77E-05	1.27E-02	3.97E-02	4.65E-03	2.02E-04	4.25E-03	2.46E+00	5.30E-03	4.79E-04	6.14E-07	3.29E-06	5.57E-04	7.19E-04	6.47E-04	0.00E+00	2.56E+00	4.28E-02	n/a	n/a	0.00E+00
Lead	Application	ABOR	Child	2.99E-02	1.65E-05	1.04E-02	3.57E-02	3.23E-03	2.02E-04	4.25E-03	2.08E+00	4.54E-03	3.45E-04	6.14E-07	2.19E-06	1.07E-03	5.30E-04	4.09E-04	0.00E+00	2.17E+00	6.59E-02	n/a	n/a	0.00E+00
Lead	Application	ABOR	Adult	2.99E-02	1.89E-05	1.46E-02	4.36E-02	3.84E-03	2.02E-04	4.25E-03	2.46E+00	6.05E-03	7.42E-04	1.23E-06	4.39E-06	5.61E-04	7.99E-04	7.38E-04	0.00E+00	2.56E+00	3.62E-02	n/a	n/a	0.00E+00
Lead	Application	URBN	Infant	3.02E-02	2.53E-06	7.72E-03	1.00E-04	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-06	2.90E-04	1.32E-04	0.00E+00	4.01E-02	4.89E-03	n/a	n/a	0.00E+00
Lead	Application	URBN	Toddler	1.21E-01	9.54E-06	7.19E-03	4.00E-03	2.25E-03	0.00E+00	0.00E+00	1.04E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	3.90E-04	2.34E-04	0.00E+00	1.18E+00	7.12E-02	n/a	n/a	0.00E+00
Lead	Application	URBN	Adolescent	3.02E-02	1.79E-05	1.29E-02	5.61E-03	4.69E-03	0.00E+00	0.00E+00	1.04E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-04	7.26E-04	6.53E-04	0.00E+00	1.09E+00	1.83E-02	n/a	n/a	0.00E+00
Lead	Application	URBN	Child	3.02E-02	1.67E-05	1.05E-02	6.91E-03	3.27E-03	0.00E+00	0.00E+00	1.04E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	5.35E-04	4.13E-04	0.00E+00	1.09E+00	3.32E-02	n/a	n/a	0.00E+00
Lead	Application	URBN	Adult	3.02E-02	1.91E-05	1.47E-02	4.61E-03	3.88E-03	0.00E+00	0.00E+00	1.04E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04	8.07E-04	7.46E-04	0.00E+00	1.10E+00	1.55E-02	n/a	n/a	0.00E+00
Lead	Cumulative	ABOR	Infant	2.99E-02	2.50E-06	7.65E-03	2.97E-03	1.62E-03	2.02E-04	4.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-06	2.87E-04	1.31E-04	0.00E+00	4.71E-02	5.74E-03	n/a	n/a	0.00E+00
Lead	Cumulative	ABOR	Toddler	1.20E-01	9.44E-06	7.12E-03	1.88E-02	2.22E-03	2.02E-04	4.25E-03	1.23E+00	3.03E-03	2.35E-04	6.14E-07	1.10E-06	1.06E-03	3.86E-04	2.32E-04	0.00E+00	1.39E+00	8.40E-02	n/a	n/a	0.00E+00
Lead	Cumulative	ABOR	Adolescent	2.99E-02	1.77E-05	1.27E-02	3.96E-02	4.65E-03	2.02E-04	4.25E-03	2.46E+00	5.30E-03	4.79E-04	6.14E-07	3.29E-06	5.56E-04	7.18E-04	6.47E-04	0.00E+00	2.56E+00	4.28E-02	n/a	n/a	0.00E+00
Lead	Cumulative	ABOR	Child	2.99E-02	1.65E-05	1.04E-02	3.57E-02	3.23E-03	2.02E-04	4.25E-03	2.08E+00	4.54E-03	3.45E-04	6.14E-07	2.19E-06	1.07E-03	5.30E-04	4.09E-04	0.00E+00	2.17E+00	6.59E-02	n/a	n/a	0.00E+00
Lead	Cumulative	ABOR	Adult	2.99E-02	1.89E-05	1.45E-02	4.36E-02	3.84E-03	2.02E-04	4.25E-03	2.46E+00	6.05E-03	7.42E-04	1.23E-06	4.39E-06	5.61E-04	7.99E-04	7.38E-04	0.00E+00	2.56E+00	3.62E-02	n/a	n/a	0.00E+00
Lead	Cumulative	URBN	Infant	3.02E-02	2.53E-06	7.72E-03	1.00E-04	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-06	2.90E-04	1.32E-04	0.00E+00	4.01E-02	4.89E-03	n/a	n/a	0.00E+00
Lead	Cumulative	URBN	Toddler	1.21E-01	9.53E-06	7.18E-03	4.00E-03	2.24E-03	0.00E+00	0.00E+00	1.04E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	3.90E-04	2.34E-04	0.00E+00	1.18E+00	7.12E-02	n/a	n/a	0.00E+00
Lead	Cumulative	URBN	Adolescent	3.02E-02	1.79E-05	1.29E-02	5.60E-03	4.69E-03	0.00E+00	0.00E+00	1.04E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04	7.25E-04	6.53E-04	0.00E+00	1.09E+00	1.83E-02	n/a	n/a	0.00E+00
Lead	Cumulative	URBN	Child	3.02E-02	1.67E-05	1.05E-02	6.91E-03	3.26E-03	0.00E+00															

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total	
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Lead	Project	URBN	Child	6.07E-04	3.34E-07	2.11E-04	1.39E-04	6.55E-05	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-06	1.07E-05	8.28E-06	0.00E+00	1.52E-02	4.61E-04	n/a	n/a	0.00E+00
Lead	Project	URBN	Adult	6.07E-04	3.83E-07	2.95E-04	9.24E-05	7.78E-05	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-06	1.62E-05	1.50E-05	0.00E+00	1.52E-02	2.16E-04	n/a	n/a	0.00E+00
Lead	Future	ABOR	Infant	3.27E-04	2.73E-08	8.35E-05	3.25E-05	1.77E-05	2.21E-06	4.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-08	3.14E-06	1.43E-06	0.00E+00	5.14E-04	6.27E-05	n/a	n/a	0.00E+00
Lead	Future	ABOR	Toddler	1.31E-03	1.03E-07	7.77E-05	2.06E-04	2.43E-05	2.21E-06	4.64E-05	1.56E-02	3.30E-05	9.49E-06	2.51E-08	4.49E-08	6.33E-06	4.22E-06	2.53E-06	0.00E+00	1.74E-02	1.05E-03	n/a	n/a	0.00E+00	
Lead	Future	ABOR	Adolescent	3.27E-04	1.94E-07	1.39E-04	4.33E-04	5.08E-05	2.21E-06	4.64E-05	3.13E-02	5.78E-05	1.94E-05	2.51E-08	1.35E-07	3.32E-06	7.85E-06	7.06E-06	0.00E+00	3.24E-02	5.42E-04	n/a	n/a	0.00E+00	
Lead	Future	ABOR	Child	3.27E-04	1.80E-07	1.14E-04	3.90E-04	3.53E-05	2.21E-06	4.64E-05	2.65E-02	4.96E-05	1.39E-05	2.51E-08	8.98E-08	6.38E-06	5.79E-06	4.46E-06	0.00E+00	2.75E-02	8.35E-04	n/a	n/a	0.00E+00	
Lead	Future	ABOR	Adult	3.27E-04	2.06E-07	1.59E-04	4.76E-04	4.19E-05	2.21E-06	4.64E-05	3.13E-02	6.61E-05	3.00E-05	5.02E-08	1.80E-07	3.35E-06	8.73E-06	8.06E-06	0.00E+00	3.25E-02	4.59E-04	n/a	n/a	0.00E+00	
Lead	Future	URBN	Infant	5.70E-04	4.76E-08	1.46E-04	1.89E-06	3.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-08	5.47E-06	2.50E-06	0.00E+00	7.56E-04	9.22E-05	n/a	n/a	0.00E+00	
Lead	Future	URBN	Toddler	2.28E-03	1.80E-07	1.35E-04	7.55E-05	4.23E-05	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-06	7.35E-06	4.41E-06	0.00E+00	1.58E-02	9.57E-04	n/a	n/a	0.00E+00	
Lead	Future	URBN	Adolescent	5.70E-04	3.38E-07	2.43E-04	1.06E-04	8.85E-05	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.37E-05	1.23E-05	0.00E+00	1.43E-02	2.39E-04	n/a	n/a	0.00E+00	
Lead	Future	URBN	Child	5.70E-04	3.14E-07	1.98E-04	1.30E-04	6.16E-05	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-06	1.01E-05	7.78E-06	0.00E+00	1.42E-02	4.32E-04	n/a	n/a	0.00E+00	
Lead	Future	URBN	Adult	5.70E-04	3.59E-07	2.77E-04	8.68E-05	7.31E-05	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-06	1.52E-05	1.41E-05	0.00E+00	1.43E-02	2.02E-04	n/a	n/a	0.00E+00	
Manganese	Baseline	ABOR	Infant	5.91E-02	4.94E-06	9.05E-02	3.52E-02	1.77E-02	2.21E-03	5.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	9.45E-03	4.31E-03	0.00E+00	2.71E-01	3.30E-02	1.53E-04	1.84E-04	3.38E-04	
Manganese	Baseline	ABOR	Toddler	2.36E-01	1.86E-05	8.42E-02	2.23E-01	2.44E-02	2.21E-03	5.03E-02	3.46E+00	5.97E-03	4.60E-03	9.60E-06	1.76E-05	3.02E-02	1.27E-02	7.62E-03	0.00E+00	4.14E+00	2.51E-01	3.05E-04	1.69E-03	1.99E-03	
Manganese	Baseline	ABOR	Adolescent	5.91E-02	3.50E-05	1.51E-01	4.69E-01	5.09E-02	2.21E-03	5.03E-02	6.91E+00	1.04E-02	9.38E-03	9.60E-06	5.29E-05	2.17E-02	2.36E-02	2.13E-02	0.00E+00	7.78E+00	1.30E-01	2.10E-05	9.24E-04	9.45E-04	
Manganese	Baseline	ABOR	Child	5.91E-02	3.25E-05	1.23E-01	4.22E-01	3.54E-02	2.21E-03	5.03E-02	5.85E+00	8.96E-03	6.75E-03	9.60E-06	3.52E-05	3.23E-02	1.74E-02	1.34E-02	0.00E+00	6.62E+00	2.01E-01	3.82E-05	1.42E-03	1.46E-03	
Manganese	Baseline	ABOR	Adult	5.91E-02	3.73E-05	1.72E-01	5.16E-01	4.21E-02	2.21E-03	5.03E-02	6.91E+00	1.19E-02	1.45E-02	1.92E-05	7.05E-05	2.29E-02	2.63E-02	2.43E-02	0.00E+00	7.85E+00	1.11E-01	1.78E-05	7.87E-04	8.05E-04	
Manganese	Baseline	URBN	Infant	5.91E-02	4.94E-06	9.05E-02	1.17E-03	1.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	9.45E-03	4.31E-03	0.00E+00	1.84E-01	2.25E-02	1.53E-04	1.09E-04	2.62E-04	
Manganese	Baseline	URBN	Toddler	2.36E-01	1.86E-05	8.42E-02	4.69E-02	2.44E-02	0.00E+00	0.00E+00	2.92E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-02	1.27E-02	7.62E-03	0.00E+00	3.37E+00	2.04E-01	3.05E-04	1.35E-03	1.66E-03	
Manganese	Baseline	URBN	Adolescent	5.91E-02	3.50E-05	1.51E-01	6.57E-02	5.09E-02	0.00E+00	0.00E+00	2.92E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-02	2.36E-02	2.13E-02	0.00E+00	3.32E+00	5.56E-02	2.11E-05	3.90E-04	4.11E-04	
Manganese	Baseline	URBN	Child	5.91E-02	3.25E-05	1.23E-01	8.09E-02	3.54E-02	0.00E+00	0.00E+00	2.92E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-02	1.74E-02	1.34E-02	0.00E+00	3.29E+00	9.99E-02	3.82E-05	7.00E-04	7.39E-04	
Manganese	Baseline	URBN	Adult	5.91E-02	3.73E-05	1.72E-01	5.16E-01	4.21E-02	0.00E+00	0.00E+00	2.92E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-02	2.63E-02	2.43E-02	0.00E+00	3.32E+00	4.70E-02	1.78E-05	3.30E-04	3.48E-04	
Manganese	Application	ABOR	Infant	5.91E-02	4.94E-06	9.05E-02	3.52E-02	1.77E-02	2.21E-03	5.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	9.45E-03	4.31E-03	0.00E+00	2.71E-01	3.30E-02	1.53E-04	1.84E-04	3.38E-04	
Manganese	Application	ABOR	Toddler	2.36E-01	1.86E-05	8.42E-02	2.23E-01	2.44E-02	2.21E-03	5.03E-02	3.45E+00	5.97E-03	4.59E-03	9.60E-06	1.76E-05	3.02E-02	1.27E-02	7.62E-03	0.00E+00	4.14E+00	2.51E-01	3.05E-04	1.69E-03	1.99E-03	
Manganese	Application	ABOR	Adolescent	5.91E-02	3.50E-05	1.51E-01	4.69E-01	5.09E-02	2.21E-03	5.03E-02	6.91E+00	1.04E-02	9.38E-03	9.60E-06	5.28E-05	2.17E-02	2.63E-02	2.13E-02	0.00E+00	7.78E+00	1.30E-01	2.10E-05	9.24E-04	9.45E-04	
Manganese	Application	ABOR	Child	5.91E-02	3.25E-05	1.23E-01	4.22E-01	3.54E-02	2.21E-03	5.03E-02	5.85E+00	8.96E-03	6.75E-03	9.60E-06	3.52E-05	3.23E-02	1.74E-02	1.34E-02	0.00E+00	6.62E+00	2.01E-01	3.82E-05	1.42E-03	1.46E-03	
Manganese	Application	ABOR	Adult	5.91E-02	3.73E-05	1.72E-01	5.16E-01	4.21E-02	2.21E-03	5.03E-02	6.91E+00	1.19E-02	1.45E-02	1.92E-05	7.05E-05	2.29E-02	2.63E-02	2.43E-02	0.00E+00	7.85E+00	1.11E-01	1.78E-05	7.87E-04	8.05E-04	
Manganese	Application	URBN	Infant	5.91E-02	4.94E-06	9.05E-02	1.17E-03	1.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	9.45E-03	4.31E-03	0.00E+00	1.84E-01	2.25E-02	1.53E-04	1.09E-04	2.62E-04	
Manganese	Application	URBN	Toddler	2.36E-01	1.86E-05	8.42E-02	4.69E-02	2.44E-02	0.00E+00	0.00E+00	2.92E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-02	1.27E-02	7.62E-03	0.00E+00	3.37E+00	2.04E-01	3.05E-04	1.35E-03	1.66E-03	
Manganese	Application	URBN	Adolescent	5.91E-02	3.50E-05	1.51E-01	6.57E-02	5.09E-02	0.00E+00	0.00E+00	2.92E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-02	2.36E-02	2.13E-02	0.00E+00	3.32E+00	5.56E-02	2.10E-05	3.90E-04	4.11E-04	
Manganese	Application	URBN	Child	5.91E-02	3.25E-05	1.23E-01	8.09E-02	3.54E-02	0.00E+00	0.00E+00	2.92E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-02	1.74E-02	1.34E-02	0.00E+00	3.29E+00	9.98E-02	3.82E-05	7.00E-04	7.39E-04	
Manganese	Application	URBN	Adult	5.91E-02	3.73E-05	1.72E-01	5.16E-01	4.21E-02	0.00E+00	0.00E+00	2.92E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-02	2.63E-02	2.43E-02	0.00E+00	3.32E+00	4.70E-02	1.78E-05	3.30E-04	3.48E-04	
Manganese	Cumulative	ABOR	Infant	5.91E-02	4.94E-06	9.05E-02	3.52E-02	1.77E-02	2.22E-03	5.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	9.45E-03	4.31E-03	0.00E+00	2.71E-01	3.30E-02	1.53E-04	1.84E-04	3.38E-04	
Manganese	Cumulative	ABOR	Toddler	2.36E-01	1.86E-05	8.42E-02	2.23E-01	2.44E-02	2.22E-03	5.03E-02	3.46E+00	5.97E-03	4.60E-03	9.62E-06	1.77E-05	3.02E-02	1.27E-02	7.62E-03	0.00E+00	4.14E+00	2.51E-01	3.05E-04	1.69E-03	1.99E-03	
Manganese	Cumulative	ABOR	Adolescent	5.91E-02	3.50E-05	1.51E-01	4.69E-01	5.10E-02	2.22E-03	5.03E-02	6.91E+00	1.05E-02	9.39E-03	9.62E-06	5.30E-05	2.18E-02	2.36E-02	2.13E-02	0.00E+00	7.78E+00	1.30E-01	2.11E-05	9.24E-04	9.45E-04	
Manganese	Cumulative	ABOR	Child	5.91E-02	3.26E-05	1.23E-01	4.22E-01	3.55E-02	2.22E-03	5.03E-02	5.85E+00	8.96E-03	6.76E-03	9.62E-06	3.53E-05	3.24E-02	1.74E-02	1.34E-02	0.00E+00	6.62E+00	2.01E-01	3.82E-05	1.42E-03	1.46E-03	
Manganese	Cumulative	ABOR	Adult	5.91E-02	3.73E-05	1.72E-01	5.16E-01	4.21E-02	2.22E-03	5.03E-02	6.91E+00	1.19E-02	1.46E-02	1.92E-05	7.06E-05	2.29E-02	2.63E-02	2.43E-02	0.00E+00	7.86E+00	1.11E-01	1.78E-05	7.88E-04	8.06E-04	
Manganese	Cumulative	URBN	Infant	5.91E-02	4.94E-06	9.06E-02	1.17E-03	1.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	9.46E-03	4.31E-03	0.00E+00	1.84E-01	2.25E-02	1.53E-04	1.09E-04	2.62E-04	
Manganese	Cumulative	URBN	Toddler	2.36E-01	1.86E-05	8.43E-02	4.70E-02	2.44E-02	0.00E+00	0.00E+00	2.92E+00	0.00E+00													

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total			
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI			
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless			
Manganese	Project	ABOR	Adult	2.58E-05	1.63E-08	7.53E-05	2.26E-04	1.84E-05	9.69E-07	2.20E-05	3.49E-03	5.23E-06	2.60E-05	4.53E-08	1.28E-07	2.87E-06	1.15E-05	1.06E-05	0.00E+00	3.92E-03	5.54E-05	7.78E-09	3.93E-07	4.01E-07
Manganese	Project	URBN	Infant	4.44E-05	3.72E-09	6.81E-05	8.83E-07	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-07	7.11E-06	3.24E-06	0.00E+00	1.37E-04	1.68E-05	1.15E-07	8.09E-08	1.96E-07
Manganese	Project	URBN	Toddler	1.78E-04	1.40E-08	6.34E-05	3.53E-05	1.83E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-06	9.56E-06	5.73E-06	0.00E+00	1.79E-03	1.09E-04	2.29E-07	6.99E-07	9.28E-07
Manganese	Project	URBN	Adolescent	4.44E-05	2.63E-08	1.13E-04	4.94E-05	3.83E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-06	1.78E-05	1.60E-05	0.00E+00	1.76E-03	2.95E-05	1.58E-08	2.05E-07	2.21E-07
Manganese	Project	URBN	Child	4.44E-05	2.45E-08	9.27E-05	6.09E-05	2.67E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.31E-05	1.01E-05	0.00E+00	1.73E-03	5.26E-05	2.87E-08	3.66E-07	3.95E-07
Manganese	Project	URBN	Adult	4.44E-05	2.80E-08	1.30E-04	4.06E-05	3.17E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-06	1.98E-05	1.83E-05	0.00E+00	1.77E-03	2.50E-05	1.34E-08	1.74E-07	1.87E-07
Manganese	Future	ABOR	Infant	2.39E-05	2.00E-09	3.67E-05	1.43E-05	7.18E-06	8.98E-07	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-07	3.83E-06	1.75E-06	0.00E+00	1.09E-04	1.33E-05	6.21E-08	7.42E-08	1.36E-07
Manganese	Future	ABOR	Toddler	9.58E-05	7.55E-09	3.41E-05	9.03E-05	9.88E-06	8.98E-07	2.04E-05	1.64E-03	2.42E-06	7.18E-06	2.01E-08	2.81E-08	2.54E-06	5.15E-06	3.09E-06	0.00E+00	1.91E-03	1.16E-04	1.24E-07	7.85E-07	9.08E-07
Manganese	Future	ABOR	Adolescent	2.39E-05	1.42E-08	6.11E-05	1.90E-04	2.07E-05	8.98E-07	2.04E-05	3.27E-03	4.24E-06	1.47E-05	2.01E-08	8.43E-08	1.83E-06	9.58E-06	8.62E-06	0.00E+00	3.63E-03	6.08E-05	8.53E-09	4.31E-07	4.40E-07
Manganese	Future	ABOR	Child	2.39E-05	1.32E-08	4.99E-05	1.71E-04	1.44E-05	8.98E-07	2.04E-05	2.77E-03	3.63E-06	1.06E-05	2.01E-08	5.62E-08	2.72E-06	7.06E-06	5.45E-06	0.00E+00	3.08E-03	9.36E-05	1.55E-08	6.64E-07	6.79E-07
Manganese	Future	ABOR	Adult	2.39E-05	1.51E-08	6.98E-05	2.09E-04	1.71E-05	8.98E-07	2.04E-05	3.27E-03	4.84E-06	2.27E-05	4.01E-08	1.12E-07	1.93E-06	1.07E-05	9.84E-06	0.00E+00	3.67E-03	5.18E-05	7.21E-09	3.68E-07	3.75E-07
Manganese	Future	URBN	Infant	4.17E-05	3.49E-09	6.40E-05	8.29E-07	1.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-07	6.68E-06	3.05E-06	0.00E+00	1.29E-04	1.57E-05	1.08E-07	7.60E-08	1.84E-07
Manganese	Future	URBN	Toddler	1.67E-04	1.32E-08	5.95E-05	3.32E-05	1.72E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-06	8.98E-06	5.39E-06	0.00E+00	1.68E-03	1.02E-04	2.15E-07	6.55E-07	8.70E-07
Manganese	Future	URBN	Adolescent	4.17E-05	2.47E-08	1.07E-04	4.64E-05	3.60E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-06	1.67E-05	1.50E-05	0.00E+00	1.65E-03	2.76E-05	1.49E-08	1.92E-07	2.07E-07
Manganese	Future	URBN	Child	4.17E-05	2.30E-08	8.70E-05	5.72E-05	2.50E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-06	1.23E-05	9.50E-06	0.00E+00	1.62E-03	4.93E-05	2.70E-08	3.43E-07	3.70E-07
Manganese	Future	URBN	Adult	4.17E-05	2.63E-08	1.22E-04	3.81E-05	2.97E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-06	1.86E-05	1.72E-05	0.00E+00	1.65E-03	2.34E-05	1.26E-08	1.63E-07	1.75E-07
Mercury	Baseline	ABOR	Infant	3.12E-08	2.61E-12	8.13E-09	3.16E-09	6.74E-09	8.43E-10	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-10	2.33E-08	1.06E-08	0.00E+00	8.90E-08	1.08E-08	6.68E-09	1.24E-08	1.90E-08
Mercury	Baseline	ABOR	Toddler	1.25E-07	9.85E-12	7.56E-09	2.00E-08	9.27E-09	8.43E-10	4.51E-09	1.25E-07	3.16E-09	3.94E-05	2.75E-07	9.52E-08	6.97E-09	3.13E-08	1.88E-08	0.00E+00	4.01E-05	2.43E-06	1.33E-08	4.25E-06	4.26E-06
Mercury	Baseline	ABOR	Adolescent	3.12E-08	1.85E-11	1.35E-08	4.21E-08	1.94E-08	8.43E-10	4.51E-09	2.49E-07	5.52E-09	8.03E-05	2.75E-07	2.86E-07	5.02E-09	5.82E-08	5.24E-08	0.00E+00	8.14E-05	1.36E-06	9.17E-10	2.39E-06	2.39E-06
Mercury	Baseline	ABOR	Child	3.12E-08	1.72E-11	1.11E-08	3.79E-08	1.35E-08	8.43E-10	4.51E-09	2.11E-07	4.73E-09	5.78E-05	2.75E-07	1.90E-07	7.46E-09	4.29E-08	3.31E-08	0.00E+00	5.87E-05	1.78E-06	1.66E-09	3.13E-06	3.13E-06
Mercury	Baseline	ABOR	Adult	3.12E-08	1.97E-11	1.55E-08	4.63E-08	1.60E-08	8.43E-10	4.51E-09	2.49E-07	6.31E-09	1.25E-04	5.50E-07	3.81E-07	5.29E-09	6.47E-08	5.98E-08	0.00E+00	1.26E-04	1.78E-06	7.75E-10	3.12E-06	3.13E-06
Mercury	Baseline	URBN	Infant	4.03E-08	3.37E-12	1.05E-08	1.36E-10	8.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-10	3.01E-08	1.37E-08	0.00E+00	1.04E-07	1.27E-08	8.63E-09	1.36E-08	2.22E-08
Mercury	Baseline	URBN	Toddler	1.61E-07	1.27E-11	9.77E-09	5.44E-09	1.20E-08	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-09	4.04E-08	2.42E-08	0.00E+00	3.66E-07	2.22E-08	1.72E-08	2.17E-08	3.89E-08
Mercury	Baseline	URBN	Adolescent	4.03E-08	2.39E-11	1.75E-08	7.62E-09	2.50E-08	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-09	7.52E-08	6.76E-08	0.00E+00	3.44E-07	5.76E-09	1.19E-09	8.92E-09	1.01E-08
Mercury	Baseline	URBN	Child	4.03E-08	2.22E-11	1.43E-08	9.39E-09	1.74E-08	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-09	5.54E-08	4.27E-08	0.00E+00	2.93E-07	8.89E-09	2.15E-09	1.35E-08	1.56E-08
Mercury	Baseline	URBN	Adult	4.03E-08	2.54E-11	2.00E-08	6.26E-09	2.07E-08	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-09	8.36E-08	7.72E-08	0.00E+00	3.59E-07	5.08E-09	1.00E-09	7.91E-09	8.91E-09
Mercury	Application	ABOR	Infant	1.38E-07	1.16E-11	3.60E-08	1.40E-08	2.98E-08	3.73E-09	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-09	1.03E-07	4.70E-08	0.00E+00	3.93E-07	4.80E-08	2.96E-08	5.46E-08	8.42E-08
Mercury	Application	ABOR	Toddler	5.53E-07	4.36E-11	3.35E-08	8.86E-08	4.10E-08	3.73E-09	2.00E-08	6.87E-07	1.40E-08	9.55E-05	5.01E-07	2.31E-07	2.48E-08	1.38E-07	8.31E-08	0.00E+00	9.79E-05	5.93E-06	5.88E-08	1.04E-05	1.04E-05
Mercury	Application	ABOR	Adolescent	1.38E-07	8.19E-11	5.99E-08	1.87E-07	8.58E-08	3.73E-09	2.00E-08	1.37E-06	2.44E-08	1.95E-04	5.01E-07	6.94E-07	1.79E-08	2.58E-07	2.32E-07	0.00E+00	1.98E-04	3.32E-06	4.06E-09	5.83E-06	5.83E-06
Mercury	Application	ABOR	Child	1.38E-07	7.61E-11	4.90E-08	1.68E-07	5.97E-08	3.73E-09	2.00E-08	1.16E-06	2.10E-08	1.40E-04	5.01E-07	4.63E-07	2.66E-08	1.90E-07	1.47E-07	0.00E+00	1.43E-04	4.35E-06	7.37E-09	7.63E-06	7.64E-06
Mercury	Application	ABOR	Adult	1.38E-07	8.72E-11	6.84E-08	2.05E-07	7.09E-08	3.73E-09	2.00E-08	1.37E-06	2.79E-08	3.02E-04	1.00E-06	9.25E-07	1.89E-08	2.87E-07	2.65E-07	0.00E+00	3.06E-04	4.33E-06	3.43E-09	7.60E-06	7.60E-06
Mercury	Application	URBN	Infant	2.30E-07	1.92E-11	5.98E-08	7.75E-10	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-09	1.71E-07	7.81E-08	0.00E+00	5.91E-07	7.21E-08	4.92E-08	7.73E-08	1.26E-07
Mercury	Application	URBN	Toddler	9.19E-07	7.25E-11	5.56E-08	3.10E-08	6.82E-08	0.00E+00	0.00E+00	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-08	2.30E-07	1.38E-07	0.00E+00	2.05E-06	1.24E-07	9.77E-08	1.20E-07	2.18E-07
Mercury	Application	URBN	Adolescent	2.30E-07	1.36E-10	9.97E-08	4.34E-08	1.43E-07	0.00E+00	0.00E+00	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-08	4.28E-07	3.85E-07	0.00E+00	1.93E-06	3.23E-08	6.75E-09	4.99E-08	5.67E-08
Mercury	Application	URBN	Child	2.30E-07	1.27E-10	8.14E-08	5.35E-08	9.92E-08	0.00E+00	0.00E+00	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-08	3.16E-07	2.44E-07	0.00E+00	1.63E-06	4.96E-08	1.23E-08	4.47E-08	8.70E-08
Mercury	Application	URBN	Adult	2.30E-07	1.45E-10	1.14E-07	3.57E-08	1.18E-07	0.00E+00	0.00E+00	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-08	4.76E-07	4.40E-07	0.00E+00	2.01E-06	2.85E-08	5.70E-09	4.43E-08	5.00E-08
Mercury	Cumulative	ABOR	Infant	1.27E-07	1.06E-11	3.32E-08	1.29E-08	2.75E-08	3.44E-09	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-09	9.50E-08	4.33E-08	0.00E+00	3.62E-07	4.42E-08	2.73E-08	5.03E-08	7.75E-08
Mercury	Cumulative	ABOR	Toddler	5.10E-07	4.02E-11	3.09E-08	8.17E-08	3.78E-08	3.44E-09	1.84E-08	6.52E-07	1.29E-08	9.45E-05	4.97E-07	2.29E-07	1.96E-08	1.28E-07	7.66E-08	0.00E+00	9.68E-05	5.87E-06	5.42E-08	1.02E-05	1.03E-05</

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Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total	
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Mercury	Project	ABOR	Infant	1.10E-07	9.21E-12	2.87E-08	1.11E-08	2.38E-08	2.97E-09	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-09	8.21E-08	3.75E-08	0.00E+00	3.13E-07	3.82E-08	2.36E-08	4.35E-08	6.70E-08
Mercury	Project	ABOR	Toddler	4.40E-07	3.47E-11	2.67E-08	7.06E-08	3.27E-08	2.97E-09	1.59E-08	5.62E-07	1.11E-08	9.09E-05	4.84E-07	2.20E-07	1.61E-08	6.62E-08	0.00E+00	9.30E-05	5.64E-06	4.68E-08	9.84E-06	9.89E-06	9.84E-06	9.89E-06
Mercury	Project	ABOR	Adolescent	1.10E-07	6.53E-11	4.78E-08	1.49E-07	6.84E-08	2.97E-09	1.59E-08	1.12E-06	1.95E-08	1.86E-04	4.84E-07	6.61E-07	1.16E-08	2.05E-07	1.85E-07	0.00E+00	1.89E-04	3.16E-06	3.24E-09	5.54E-06	5.54E-06	5.54E-06
Mercury	Project	ABOR	Child	1.10E-07	6.07E-11	3.90E-08	1.34E-07	4.76E-08	2.97E-09	1.59E-08	9.52E-07	1.67E-08	1.34E-04	4.84E-07	4.40E-07	1.72E-08	1.51E-07	1.17E-07	0.00E+00	1.36E-04	4.14E-06	5.87E-09	7.25E-06	7.26E-06	7.26E-06
Mercury	Project	ABOR	Adult	1.10E-07	6.95E-11	5.45E-08	1.63E-07	5.65E-08	2.97E-09	1.59E-08	1.12E-06	2.23E-08	2.88E-04	9.69E-07	8.81E-07	1.22E-08	2.28E-07	2.11E-07	0.00E+00	2.91E-04	4.12E-06	2.73E-09	7.23E-06	7.23E-06	7.23E-06
Mercury	Project	URBN	Infant	1.89E-07	1.58E-11	4.93E-08	6.39E-10	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-09	1.41E-07	6.44E-08	0.00E+00	4.87E-07	5.94E-08	4.05E-08	6.37E-08	1.04E-07	
Mercury	Project	URBN	Toddler	7.58E-07	5.97E-11	4.59E-08	2.56E-08	5.62E-08	0.00E+00	0.00E+00	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-08	1.90E-07	1.14E-07	0.00E+00	1.68E-06	1.02E-07	8.05E-08	9.82E-08	1.79E-07	
Mercury	Project	URBN	Adolescent	1.89E-07	1.12E-10	8.22E-08	3.58E-08	1.18E-07	0.00E+00	0.00E+00	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-08	3.53E-07	3.18E-07	0.00E+00	1.58E-06	2.65E-08	5.57E-09	4.10E-08	4.65E-08	
Mercury	Project	URBN	Child	1.89E-07	1.04E-10	6.71E-08	4.41E-08	8.18E-08	0.00E+00	0.00E+00	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-08	2.60E-07	2.01E-07	0.00E+00	1.34E-06	4.06E-08	1.01E-08	6.12E-08	7.13E-08	
Mercury	Project	URBN	Adult	1.89E-07	1.19E-10	9.38E-08	2.94E-08	9.72E-08	0.00E+00	0.00E+00	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-08	3.93E-07	3.63E-07	0.00E+00	1.65E-06	2.34E-08	4.70E-09	3.63E-08	4.10E-08	
Mercury	Future	ABOR	Infant	1.02E-07	8.53E-12	2.66E-08	1.03E-08	2.20E-08	2.75E-09	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-10	7.61E-08	3.47E-08	0.00E+00	2.90E-07	3.54E-08	2.18E-08	4.02E-08	6.20E-08	
Mercury	Future	ABOR	Toddler	4.08E-07	3.22E-11	2.47E-08	6.54E-08	3.03E-08	2.75E-09	1.48E-08	5.27E-07	1.03E-08	8.36E-05	4.57E-07	2.02E-07	1.08E-08	1.02E-07	6.13E-08	0.00E+00	8.55E-05	5.18E-06	4.34E-08	9.05E-06	9.09E-06	
Mercury	Future	ABOR	Adolescent	1.02E-07	6.05E-11	4.43E-08	1.38E-07	6.34E-08	2.75E-09	1.48E-08	1.05E-06	1.81E-08	1.71E-04	4.57E-07	6.07E-07	1.71E-07	0.00E+00	1.74E-04	2.91E-06	3.00E-09	5.10E-06	5.10E-06	5.10E-06	5.10E-06	
Mercury	Future	ABOR	Child	1.02E-07	5.62E-11	3.61E-08	1.24E-07	4.41E-08	2.75E-09	1.48E-08	8.92E-07	1.55E-08	1.23E-04	4.57E-07	4.05E-07	1.16E-08	1.40E-07	1.08E-07	0.00E+00	1.25E-04	3.81E-06	5.44E-09	6.67E-06	6.68E-06	
Mercury	Future	ABOR	Adult	1.02E-07	6.44E-11	5.05E-08	1.51E-07	5.23E-08	2.75E-09	1.48E-08	1.05E-06	2.06E-08	2.64E-04	9.15E-07	8.10E-07	8.23E-09	2.12E-07	1.95E-07	0.00E+00	2.68E-04	3.79E-06	2.53E-09	6.65E-06	6.65E-06	
Mercury	Future	URBN	Infant	1.78E-07	1.49E-11	4.63E-08	6.00E-10	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-10	1.33E-07	6.05E-08	0.00E+00	4.57E-07	5.57E-08	3.81E-08	5.97E-08	9.78E-08	
Mercury	Future	URBN	Toddler	7.11E-07	5.61E-11	4.31E-08	2.40E-08	5.28E-08	0.00E+00	0.00E+00	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.78E-07	1.07E-07	0.00E+00	1.57E-06	9.54E-08	7.56E-08	9.16E-08	1.67E-07	
Mercury	Future	URBN	Adolescent	1.78E-07	1.05E-10	7.72E-08	3.36E-08	1.10E-07	0.00E+00	0.00E+00	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-09	3.32E-07	2.98E-07	0.00E+00	1.48E-06	2.48E-08	5.23E-09	3.84E-08	4.36E-08	
Mercury	Future	URBN	Child	1.78E-07	9.80E-11	6.30E-08	4.14E-08	7.68E-08	0.00E+00	0.00E+00	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-08	2.45E-07	1.89E-07	0.00E+00	1.25E-06	3.80E-08	9.48E-09	5.72E-08	6.66E-08	
Mercury	Future	URBN	Adult	1.78E-07	1.12E-10	8.81E-08	2.76E-08	9.12E-08	0.00E+00	0.00E+00	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-09	3.69E-07	3.41E-07	0.00E+00	1.55E-06	2.19E-08	4.41E-09	3.40E-08	3.84E-08	
Molybdenum	Baseline	ABOR	Infant	5.91E-03	4.94E-07	9.06E-03	3.52E-03	2.13E-03	2.66E-04	5.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	9.46E-05	4.32E-05	0.00E+00	2.63E-02	3.21E-03	1.44E-04	4.98E-04	6.42E-04	
Molybdenum	Baseline	ABOR	Toddler	2.36E-02	1.86E-06	8.43E-03	2.23E-02	2.93E-03	2.66E-04	5.03E-03	3.46E-01	5.98E-04	6.47E-03	1.44E-05	2.53E-05	4.21E-03	1.27E-04	7.63E-05	0.00E+00	4.20E-01	2.55E-02	2.87E-04	4.80E-03	5.09E-03	
Molybdenum	Baseline	ABOR	Adolescent	5.91E-03	3.50E-06	1.51E-02	4.70E-02	6.12E-03	2.66E-04	5.03E-03	6.92E-01	1.05E-03	1.32E-02	1.44E-05	7.60E-05	3.03E-03	2.36E-04	2.13E-04	0.00E+00	7.89E-01	1.32E-02	1.98E-05	6.22E-03	2.64E-03	
Molybdenum	Baseline	ABOR	Child	5.91E-03	3.26E-06	1.23E-02	4.23E-02	4.26E-03	2.66E-04	5.03E-03	5.85E-01	8.97E-04	9.51E-03	1.44E-05	5.07E-05	4.51E-03	1.74E-04	1.34E-04	0.00E+00	6.71E-01	2.04E-02	3.59E-05	4.04E-03	4.08E-03	
Molybdenum	Baseline	ABOR	Adult	5.91E-03	3.73E-06	1.72E-02	5.17E-02	5.05E-03	2.66E-04	5.03E-03	6.92E-01	1.20E-03	2.05E-02	2.87E-05	1.01E-04	3.19E-03	2.63E-04	2.43E-04	0.00E+00	8.02E-01	1.13E-02	1.67E-05	2.25E-03	2.27E-03	
Molybdenum	Baseline	URBN	Infant	5.91E-03	4.94E-07	9.06E-03	1.17E-04	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	9.46E-05	4.32E-05	0.00E+00	1.76E-02	2.15E-03	1.44E-04	2.86E-04	4.30E-04	
Molybdenum	Baseline	URBN	Toddler	2.37E-02	1.87E-06	8.43E-03	4.70E-03	2.93E-03	0.00E+00	0.00E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-03	1.27E-04	7.63E-05	0.00E+00	3.37E-01	2.04E-02	2.87E-04	3.79E-03	4.08E-03	
Molybdenum	Baseline	URBN	Adolescent	5.91E-03	3.51E-06	1.51E-02	6.58E-03	6.12E-03	0.00E+00	0.00E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	2.37E-04	2.13E-04	0.00E+00	3.30E-01	5.52E-03	1.98E-05	1.09E-03	1.10E-03	
Molybdenum	Baseline	URBN	Child	5.91E-03	3.26E-06	1.23E-02	8.10E-03	4.26E-03	0.00E+00	0.00E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03	1.74E-04	1.35E-04	0.00E+00	3.28E-01	9.97E-03	3.60E-05	1.96E-03	1.99E-03	
Molybdenum	Baseline	URBN	Adult	5.91E-03	3.73E-06	1.72E-02	5.40E-03	5.06E-03	0.00E+00	0.00E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03	2.63E-04	2.43E-04	0.00E+00	3.30E-01	4.67E-03	1.67E-05	9.17E-04	9.33E-04	
Molybdenum	Application	ABOR	Infant	5.91E-03	4.94E-07	9.05E-03	3.52E-03	2.13E-03	2.66E-04	5.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	9.45E-05	4.31E-05	0.00E+00	2.63E-02	3.21E-03	1.44E-04	4.97E-04	6.41E-04	
Molybdenum	Application	ABOR	Toddler	2.36E-02	1.86E-06	8.42E-03	2.23E-02	2.92E-03	2.66E-04	5.03E-03	3.49E-01	5.97E-04	6.58E-03	1.46E-05	2.57E-05	4.20E-03	1.27E-04	7.62E-05	0.00E+00	4.23E-01	2.56E-02	2.86E-04	4.84E-03	5.13E-03	
Molybdenum	Application	ABOR	Adolescent	5.91E-03	3.50E-06	1.51E-02	4.69E-02	6.11E-03	2.66E-04	5.03E-03	6.98E-01	1.04E-03	1.34E-02	1.46E-05	7.72E-05	3.03E-03	2.36E-04	2.13E-04	0.00E+00	7.95E-01	1.33E-02	1.98E-05	2.64E-03	2.66E-03	
Molybdenum	Application	ABOR	Child	5.91E-03	3.25E-06	1.23E-02	4.22E-02	4.25E-03	2.66E-04	5.03E-03	5.91E-01	8.96E-04	9.66E-03	1.46E-05	5.15E-05	4.50E-03	1.74E-04	1.34E-04	0.00E+00	6.76E-01	2.05E-02	3.59E-05	4.07E-03	4.11E-03	
Molybdenum	Application	ABOR	Adult	5.91E-03	3.73E-06	1.72E-02	5.16E-02	5.05E-03	2.66E-04	5.03E-03	6.98E-01	1.19E-03	2.08E-02	2.92E-05	1.03E-04	3.19E-03	2.63E-04	2.43E-04	0.00E+00	8.09E-01	1.14E-02	1.67E-05	2.27E-03	2.29E-03	
Molybdenum	Application	URBN	Infant	5.96E-03	4.99E-07	9.14E-03	1.18E-04	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	9.54E-05	4.35E-05	0.00E+00	1.78E-02	2.17E-03	1.45E-04	2.88E-04	4.34E-04	
Molybdenum	Application	URBN	Toddler	2.39E-02	1.88E-06	8.50E-03	4.74E-03	2.95E-03	0.00E+00	0.00E+00	2.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03	1.28E-04	7.69E-05	0.00E+00	3.40E-01	2.06E-02	2.89E-04	3.83E-03	4.12E-03	
Molybdenum	Application	URBN	Adolescent	5.96E-03	3.54E-06	1.52E-02	6.63E-03	6.17E-03	0.00E+00	0.00E+00	2.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00</										



Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total	
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Molybdenum	Cumulative	URBN	Toddler	2.38E-02	1.88E-06	8.48E-03	4.73E-03	2.95E-03	0.00E+00	0.00E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-03	1.28E-04	7.68E-05	0.00E+00	3.38E-01	2.05E-02	2.89E-04	3.81E-03	4.10E-03
Molybdenum	Cumulative	URBN	Adolescent	5.95E-03	3.53E-06	1.52E-02	6.62E-03	6.16E-03	0.00E+00	0.00E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	2.38E-04	2.14E-04	0.00E+00	3.31E-01	5.55E-03	1.99E-05	1.09E-03	1.11E-03
Molybdenum	Cumulative	URBN	Child	5.95E-03	3.28E-06	1.24E-02	8.15E-03	4.28E-03	0.00E+00	0.00E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03	1.76E-04	1.35E-04	0.00E+00	3.29E-01	1.00E-02	3.62E-05	1.97E-03	2.00E-03
Molybdenum	Cumulative	URBN	Adult	5.95E-03	3.75E-06	1.73E-02	5.44E-03	5.09E-03	0.00E+00	0.00E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	2.65E-04	2.45E-04	0.00E+00	3.31E-01	4.69E-03	1.68E-05	9.21E-04	9.37E-04
Molybdenum	Project	ABOR	Infant	2.27E-05	1.90E-09	3.48E-05	1.35E-05	8.17E-06	1.02E-06	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	3.63E-07	1.66E-07	0.00E+00	1.00E-04	1.22E-05	5.54E-07	1.89E-06	2.45E-06
Molybdenum	Project	ABOR	Toddler	9.08E-05	7.16E-09	3.24E-05	8.56E-05	1.12E-05	1.02E-06	1.93E-05	1.53E-03	2.29E-06	9.98E-05	2.29E-07	4.03E-07	1.53E-03	3.31E-06	4.88E-07	2.93E-07	0.00E+00	1.88E-03	1.14E-04	1.10E-06	2.17E-05	2.28E-05
Molybdenum	Project	ABOR	Adolescent	2.27E-05	1.35E-08	5.80E-05	1.80E-04	2.35E-05	1.02E-06	1.93E-05	3.07E-03	4.02E-06	2.04E-04	2.29E-07	1.21E-06	2.39E-06	9.08E-07	8.17E-07	0.00E+00	3.59E-03	6.01E-05	7.60E-08	1.19E-05	1.20E-05	
Molybdenum	Project	ABOR	Child	2.27E-05	1.25E-08	4.73E-05	1.62E-04	1.63E-05	1.02E-06	1.93E-05	2.60E-03	3.44E-06	1.47E-04	2.29E-07	8.06E-07	3.55E-06	6.70E-07	5.16E-07	0.00E+00	3.02E-03	9.18E-05	1.38E-07	1.82E-05	1.84E-05	
Molybdenum	Project	ABOR	Adult	2.27E-05	1.43E-08	6.62E-05	1.98E-04	1.94E-05	1.02E-06	1.93E-05	3.07E-03	4.59E-06	3.16E-04	4.58E-07	1.61E-06	2.52E-06	1.01E-06	9.33E-07	0.00E+00	3.72E-03	5.27E-05	6.42E-08	1.05E-05	1.05E-05	
Molybdenum	Project	URBN	Infant	3.90E-05	3.26E-09	5.98E-05	7.75E-07	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	6.25E-07	1.40E-07	0.00E+00	1.15E-04	1.40E-05	9.52E-07	1.85E-06	2.80E-06	
Molybdenum	Project	URBN	Toddler	1.56E-04	1.23E-08	5.56E-05	3.10E-05	1.93E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-06	8.39E-07	5.04E-07	0.00E+00	1.57E-03	9.49E-05	1.89E-06	1.71E-05	1.90E-05	
Molybdenum	Project	URBN	Adolescent	3.90E-05	2.31E-08	9.97E-05	4.34E-05	4.04E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-06	1.56E-06	1.41E-06	0.00E+00	1.53E-03	2.56E-05	1.31E-07	4.98E-06	5.11E-06	
Molybdenum	Project	URBN	Child	3.90E-05	2.15E-08	8.14E-05	5.35E-05	2.81E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.15E-06	8.88E-07	0.00E+00	1.51E-03	4.58E-05	2.37E-07	8.92E-06	9.16E-06	
Molybdenum	Project	URBN	Adult	3.90E-05	2.46E-08	1.14E-04	3.57E-05	3.34E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-06	1.74E-06	1.60E-06	0.00E+00	1.53E-03	2.16E-05	1.10E-07	4.21E-06	4.32E-06	
Molybdenum	Future	ABOR	Infant	2.10E-05	1.76E-09	3.22E-05	1.25E-05	7.57E-06	9.46E-07	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	3.36E-07	1.54E-07	0.00E+00	9.28E-05	1.13E-05	5.13E-07	1.75E-06	2.26E-06	
Molybdenum	Future	ABOR	Toddler	8.41E-05	6.63E-09	3.00E-05	7.93E-05	1.04E-05	9.46E-07	1.79E-05	1.44E-03	2.13E-06	1.02E-04	2.35E-07	4.14E-07	2.23E-06	4.52E-07	2.71E-07	0.00E+00	1.77E-03	1.07E-04	1.02E-06	2.04E-05	2.14E-05	
Molybdenum	Future	ABOR	Adolescent	2.10E-05	1.25E-08	5.37E-05	1.67E-04	1.82E-05	9.46E-07	1.79E-05	2.88E-03	3.72E-06	2.09E-04	2.35E-07	1.24E-06	1.61E-06	8.41E-07	7.57E-07	0.00E+00	3.38E-03	5.65E-05	7.05E-08	1.12E-05	1.13E-05	
Molybdenum	Future	ABOR	Child	2.10E-05	1.16E-08	4.39E-05	1.50E-04	1.51E-05	9.46E-07	1.79E-05	2.43E-03	3.19E-06	1.51E-04	2.35E-07	8.27E-07	2.39E-06	6.20E-07	4.78E-07	0.00E+00	2.84E-03	8.63E-05	1.28E-07	1.71E-05	1.73E-05	
Molybdenum	Future	ABOR	Adult	2.10E-05	1.33E-08	6.13E-05	1.84E-04	1.80E-05	9.46E-07	1.79E-05	2.88E-03	4.25E-06	3.24E-04	4.70E-07	1.65E-06	1.70E-06	9.36E-07	8.64E-07	0.00E+00	3.51E-03	4.97E-05	5.95E-08	9.88E-06	9.94E-06	
Molybdenum	Future	URBN	Infant	3.67E-05	3.07E-09	5.62E-05	7.28E-07	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	5.87E-07	2.68E-07	0.00E+00	1.08E-04	1.31E-05	8.94E-07	1.73E-06	2.63E-06	
Molybdenum	Future	URBN	Toddler	1.47E-04	1.16E-08	5.23E-05	2.91E-05	1.81E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06	7.88E-07	4.73E-07	0.00E+00	1.47E-03	8.89E-05	1.78E-06	1.60E-05	1.78E-05	
Molybdenum	Future	URBN	Adolescent	3.67E-05	2.17E-08	9.36E-05	4.08E-05	3.79E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-06	1.47E-06	1.32E-06	0.00E+00	1.43E-03	2.40E-05	1.23E-07	4.67E-06	4.79E-06	
Molybdenum	Future	URBN	Child	3.67E-05	2.02E-08	7.64E-05	5.02E-05	2.64E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-06	1.08E-06	8.34E-07	0.00E+00	1.41E-03	4.29E-05	2.23E-07	8.35E-06	8.58E-06	
Molybdenum	Future	URBN	Adult	3.67E-05	2.31E-08	1.07E-04	3.35E-05	3.13E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-06	1.63E-06	1.51E-06	0.00E+00	1.43E-03	2.02E-05	1.04E-07	3.94E-06	4.04E-06	
Naphthalene	Baseline	ABOR	Infant	6.25E-07	5.22E-11	4.02E-05	1.67E-05	3.82E-05	4.77E-06	2.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-02	1.50E-07	6.84E-08	9.42E-05	7.09E-02	8.64E-03	3.81E-09	4.32E-04	4.32E-04	
Naphthalene	Baseline	ABOR	Toddler	2.50E-06	1.97E-10	3.74E-05	1.06E-04	5.25E-05	4.77E-06	2.23E-05	3.04E-05	2.14E-05	7.76E-06	1.05E-08	8.30E-09	1.41E-01	2.01E-07	1.21E-07	0.00E+00	1.41E-01	8.56E-03	7.57E-09	4.28E-04	4.28E-04	
Naphthalene	Baseline	ABOR	Adolescent	6.25E-07	3.70E-10	6.70E-05	2.23E-04	1.10E-04	4.77E-06	2.23E-05	6.08E-05	3.75E-05	1.58E-05	1.05E-08	2.49E-08	3.13E-01	3.75E-07	3.37E-07	0.00E+00	3.13E-01	5.24E-03	5.23E-10	2.62E-04	2.62E-04	
Naphthalene	Baseline	ABOR	Child	6.25E-07	3.44E-10	5.47E-05	2.00E-04	7.64E-05	4.77E-06	2.23E-05	5.15E-05	3.21E-05	1.14E-05	1.05E-08	1.66E-08	2.19E-01	2.76E-07	2.13E-07	0.00E+00	2.20E-01	6.68E-03	9.49E-10	6.34E-04	3.34E-04	
Naphthalene	Baseline	ABOR	Adult	6.25E-07	3.94E-10	7.65E-05	2.45E-04	9.07E-05	4.77E-06	2.23E-05	6.08E-05	4.29E-05	2.45E-05	2.11E-08	3.32E-08	3.55E-01	4.17E-07	3.85E-07	0.00E+00	3.55E-01	5.03E-03	4.42E-10	2.51E-04	2.51E-04	
Naphthalene	Baseline	URBN	Infant	6.25E-07	5.22E-11	4.02E-05	5.57E-07	3.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-02	1.50E-07	6.84E-08	9.41E-05	7.08E-02	8.64E-03	3.81E-09	4.32E-04	4.32E-04	
Naphthalene	Baseline	URBN	Toddler	2.50E-06	1.97E-10	3.74E-05	2.23E-05	5.25E-05	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01	2.01E-07	1.21E-07	0.00E+00	1.41E-01	8.55E-03	7.57E-09	4.28E-04	4.28E-04	
Naphthalene	Baseline	URBN	Adolescent	6.25E-07	3.70E-10	6.70E-05	3.12E-05	1.10E-04	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-01	3.75E-07	3.37E-07	0.00E+00	3.13E-01	5.24E-03	5.23E-10	2.62E-04	2.62E-04	
Naphthalene	Baseline	URBN	Child	6.25E-07	3.44E-10	5.47E-05	3.84E-05	7.64E-05	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-01	2.76E-07	2.13E-07	0.00E+00	2.19E-01	6.67E-03	9.50E-10	3.33E-04	3.33E-04	
Naphthalene	Baseline	URBN	Adult	6.25E-07	3.94E-10	7.65E-05	2.56E-05	9.07E-05	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-01	4.17E-07	3.85E-07	0.00E+00	3.55E-01	5.02E-03	4.42E-10	2.51E-04	2.51E-04	
Naphthalene	Application	ABOR	Infant	6.25E-07	5.23E-11	4.02E-05	1.67E-05	3.82E-05	4.78E-06	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-02	1.50E-07	6.85E-08	9.43E-05	7.09E-02	8.65E-03	3.81E-09	4.33E-04	4.33E-04	
Naphthalene	Application	ABOR	Toddler	2.50E-06	1.97E-10	3.74E-05	1.06E-04	5.26E-05	4.78E-06	2.24E-05	3.05E-05	2.15E-05	7.76E-06	1.05E-08	8.31E-09	1.41E-01	2.02E-07	1.21E-07	0.00E+00	1.41E-01	8.57E-03	7.58E-09	4.29E-04	4.29E-04	
Naphthalene	Application	ABOR	Adolescent	6.25E-07	3.71E-10	6.71E-05	2.23E-04	1.10E-04	4.78E-06	2.24E-05	6.09E-05	3.76E-05	1.58E-05	1.05E-08	2.49E-08	3.13E-01	3.75E-07	3.38E-07	0.00E+00	3.13E-01	5.25E-03	5.24E-10	2.63E-04	2.63E-04	
Naphthalene	Application	ABOR	Child	6.25E-07	3.45E-10	5.48E-05	2.01E-04	7.65E-05	4.78E-06	2.24E-05	5.15E-05	3.22E-05	1.14E-05	1.05E-08	1.66										

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil Unitless	RQ Oral Unitless	RQ Total Unitless
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total			
				ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day			
Naphthalene	Cumulative	ABOR	Adolescent	6.25E-07	3.70E-10	6.70E-05	2.23E-04	1.10E-04	4.77E-06	2.23E-05	6.09E-05	3.75E-05	1.58E-05	1.05E-08	2.49E-08	3.13E-01	3.75E-07	3.37E-07	0.00E+00	3.13E-01	5.24E-03	5.23E-10	2.62E-04	2.62E-04
Naphthalene	Cumulative	ABOR	Child	6.25E-07	3.44E-10	5.47E-05	2.00E-04	7.64E-05	4.77E-06	2.23E-05	5.15E-05	3.22E-05	1.14E-05	1.05E-08	1.66E-08	2.19E-01	2.76E-07	2.13E-07	0.00E+00	2.20E-01	6.68E-03	9.50E-10	3.34E-04	3.34E-04
Naphthalene	Cumulative	ABOR	Adult	6.25E-07	3.94E-10	7.65E-05	2.45E-04	9.07E-05	4.77E-06	2.23E-05	6.09E-05	4.29E-05	2.45E-05	2.11E-08	3.32E-08	3.55E-01	4.17E-07	3.85E-07	0.00E+00	3.55E-01	5.03E-03	4.42E-10	2.51E-04	2.51E-04
Naphthalene	Cumulative	URBN	Infant	6.25E-07	5.23E-11	4.02E-05	5.57E-07	3.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-02	1.50E-07	6.84E-08	9.41E-05	7.08E-02	8.64E-03	3.81E-09	4.32E-04	4.32E-04
Naphthalene	Cumulative	URBN	Toddler	2.50E-06	1.97E-10	3.74E-05	2.23E-05	5.25E-05	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01	2.02E-07	1.21E-07	0.00E+00	1.41E-01	8.55E-03	7.58E-09	4.28E-04	4.28E-04
Naphthalene	Cumulative	URBN	Adolescent	6.25E-07	3.71E-10	6.70E-05	3.12E-05	1.10E-04	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-01	3.75E-07	3.38E-07	0.00E+00	3.13E-01	5.24E-03	5.23E-10	2.62E-04	2.62E-04
Naphthalene	Cumulative	URBN	Child	6.25E-07	3.44E-10	5.47E-05	3.84E-05	7.64E-05	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-01	2.77E-07	2.13E-07	0.00E+00	2.19E-01	6.67E-03	9.50E-10	3.33E-04	3.33E-04
Naphthalene	Cumulative	URBN	Adult	6.25E-07	3.94E-10	7.65E-05	2.56E-05	9.07E-05	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-01	4.17E-07	3.85E-07	0.00E+00	3.55E-01	5.02E-03	4.42E-10	2.51E-04	2.51E-04
Naphthalene	Project	ABOR	Infant	1.96E-10	1.64E-14	1.26E-08	5.25E-09	1.20E-08	1.50E-09	7.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-06	4.71E-11	2.15E-11	6.04E-09	4.55E-06	5.55E-07	1.20E-12	2.77E-08	2.77E-08
Naphthalene	Project	ABOR	Toddler	7.85E-10	6.19E-14	1.18E-08	3.32E-08	1.65E-08	1.50E-09	7.02E-09	1.11E-08	6.73E-09	2.39E-09	4.68E-12	3.22E-12	8.98E-06	6.33E-11	3.80E-11	0.00E+00	9.08E-06	5.50E-07	2.38E-12	2.75E-08	2.75E-08
Naphthalene	Project	ABOR	Adolescent	1.96E-10	1.16E-13	2.10E-08	7.00E-08	3.45E-08	1.50E-09	7.02E-09	2.22E-08	1.18E-08	4.88E-09	4.68E-12	9.66E-12	1.99E-05	1.18E-10	1.06E-10	0.00E+00	2.01E-05	3.37E-07	1.64E-13	1.68E-08	1.68E-08
Naphthalene	Project	ABOR	Child	1.96E-10	1.08E-13	1.72E-08	6.30E-08	2.40E-08	1.50E-09	7.02E-09	1.88E-08	1.01E-08	3.52E-09	4.68E-12	6.44E-12	1.40E-05	8.69E-11	6.70E-11	0.00E+00	1.41E-05	4.29E-07	2.98E-13	2.15E-08	2.15E-08
Naphthalene	Project	ABOR	Adult	1.96E-10	1.24E-13	2.40E-08	7.70E-08	2.85E-08	1.50E-09	7.02E-09	2.22E-08	1.35E-08	7.57E-09	9.37E-12	1.29E-11	2.26E-05	1.31E-10	1.21E-10	0.00E+00	2.28E-05	3.23E-07	1.39E-13	1.61E-08	1.61E-08
Naphthalene	Project	URBN	Infant	3.35E-10	2.80E-14	2.16E-08	2.99E-10	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-06	8.04E-11	3.67E-11	6.02E-09	4.55E-06	5.55E-07	2.04E-12	2.77E-08	2.78E-08
Naphthalene	Project	URBN	Toddler	1.34E-09	1.06E-13	2.01E-08	1.19E-08	2.82E-08	0.00E+00	0.00E+00	9.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-06	1.08E-10	6.48E-11	0.00E+00	9.06E-06	5.49E-07	4.06E-12	2.74E-08	2.74E-08
Naphthalene	Project	URBN	Adolescent	3.35E-10	1.99E-13	3.59E-08	1.67E-08	5.89E-08	0.00E+00	0.00E+00	9.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	2.01E-10	1.81E-10	0.00E+00	2.00E-05	3.36E-07	2.81E-13	1.68E-08	1.68E-08
Naphthalene	Project	URBN	Child	3.35E-10	1.85E-13	2.93E-08	2.06E-08	4.10E-08	0.00E+00	0.00E+00	9.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	1.48E-10	1.14E-10	0.00E+00	1.41E-05	4.28E-07	5.09E-13	2.14E-08	2.14E-08
Naphthalene	Project	URBN	Adult	3.35E-10	2.11E-13	4.10E-08	1.37E-08	4.86E-08	0.00E+00	0.00E+00	9.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05	2.24E-10	2.07E-10	0.00E+00	2.27E-05	3.22E-07	2.37E-13	1.61E-08	1.61E-08
Naphthalene	Future	ABOR	Infant	1.82E-10	1.52E-14	1.17E-08	4.87E-09	1.11E-08	1.39E-09	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06	4.37E-11	1.99E-11	4.08E-09	3.07E-06	3.75E-07	1.11E-12	1.87E-08	1.87E-08
Naphthalene	Future	ABOR	Toddler	7.28E-10	5.74E-14	1.09E-08	3.08E-08	1.53E-08	1.39E-09	6.51E-09	1.04E-08	6.25E-09	6.75E-10	1.17E-12	8.41E-13	6.06E-06	5.87E-11	3.52E-11	0.00E+00	6.14E-06	3.72E-07	2.21E-12	1.86E-08	1.86E-08
Naphthalene	Future	ABOR	Adolescent	1.82E-10	1.08E-13	1.95E-08	6.49E-08	3.20E-08	1.39E-09	6.51E-09	2.08E-08	1.09E-08	1.38E-09	1.17E-12	2.52E-12	1.34E-05	1.09E-10	9.83E-11	0.00E+00	1.36E-05	2.28E-07	1.52E-13	1.14E-08	1.14E-08
Naphthalene	Future	ABOR	Child	1.82E-10	1.00E-13	1.59E-08	5.84E-08	2.23E-08	1.39E-09	6.51E-09	1.76E-08	9.37E-09	9.91E-10	1.17E-12	1.68E-12	9.42E-06	8.06E-11	6.21E-11	0.00E+00	9.55E-06	2.90E-07	2.77E-13	1.45E-08	1.45E-08
Naphthalene	Future	ABOR	Adult	1.82E-10	1.15E-13	2.23E-08	7.14E-08	2.64E-08	1.39E-09	6.51E-09	2.08E-08	1.25E-08	2.13E-09	2.35E-12	3.36E-12	1.52E-05	1.22E-10	1.12E-10	0.00E+00	1.54E-05	2.18E-07	1.29E-13	1.09E-08	1.09E-08
Naphthalene	Future	URBN	Infant	3.15E-10	2.63E-14	2.03E-08	2.81E-10	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06	7.55E-11	3.45E-11	4.07E-09	3.08E-06	3.75E-07	1.92E-12	1.88E-08	1.88E-08
Naphthalene	Future	URBN	Toddler	1.26E-09	9.93E-14	1.88E-08	1.12E-08	2.65E-08	0.00E+00	0.00E+00	8.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-06	1.02E-10	6.09E-11	0.00E+00	6.12E-06	3.71E-07	3.82E-12	1.85E-08	1.86E-08
Naphthalene	Future	URBN	Adolescent	3.15E-10	1.87E-13	3.38E-08	1.57E-08	5.53E-08	0.00E+00	0.00E+00	8.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05	1.89E-10	1.70E-10	0.00E+00	1.35E-05	2.27E-07	2.64E-13	1.13E-08	1.13E-08
Naphthalene	Future	URBN	Child	3.15E-10	1.73E-13	2.76E-08	1.94E-08	3.85E-08	0.00E+00	0.00E+00	8.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-06	1.39E-10	1.07E-10	0.00E+00	9.51E-06	2.89E-07	4.78E-13	1.45E-08	1.45E-08
Naphthalene	Future	URBN	Adult	3.15E-10	1.99E-13	3.85E-08	1.29E-08	4.57E-08	0.00E+00	0.00E+00	8.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	2.10E-10	1.94E-10	0.00E+00	1.54E-05	2.17E-07	2.23E-13	1.09E-08	1.09E-08
Nickel	Baseline	ABOR	Infant	3.67E-02	3.07E-06	8.52E-03	3.31E-03	1.76E-03	2.20E-04	4.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	5.34E-03	2.44E-03	0.00E+00	6.31E-02	7.70E-03	4.07E-04	2.93E-04	7.00E-04
Nickel	Baseline	ABOR	Toddler	1.47E-01	1.16E-05	7.93E-03	2.10E-02	2.42E-03	2.20E-04	4.73E-03	2.14E+00	3.71E-03	4.85E-02	1.06E-04	1.84E-04	7.31E-03	7.18E-03	4.31E-03	0.00E+00	2.39E+00	1.45E-01	8.09E-04	1.24E-02	1.32E-02
Nickel	Baseline	ABOR	Adolescent	3.67E-02	2.17E-05	1.42E-02	4.42E-02	5.06E-03	2.20E-04	4.73E-03	4.28E+00	6.49E-03	9.89E-02	1.06E-04	5.51E-04	4.01E-03	1.34E-02	1.20E-02	0.00E+00	4.52E+00	7.57E-02	5.59E-05	6.83E-03	6.88E-03
Nickel	Baseline	ABOR	Child	3.67E-02	2.02E-05	1.16E-02	3.98E-02	3.52E-03	2.20E-04	4.73E-03	3.62E+00	5.56E-03	7.12E-02	1.06E-04	3.67E-04	7.43E-03	9.85E-03	7.60E-03	0.00E+00	3.82E+00	1.16E-01	1.01E-04	1.05E-02	1.06E-02
Nickel	Baseline	ABOR	Adult	3.67E-02	2.31E-05	1.62E-02	4.86E-02	4.18E-03	2.20E-04	4.73E-03	4.28E+00	7.42E-03	1.53E-01	2.11E-04	7.34E-04	4.07E-03	1.49E-02	1.37E-02	0.00E+00	4.58E+00	6.48E-02	4.72E-05	5.85E-03	5.89E-03
Nickel	Baseline	URBN	Infant	3.71E-02	3.10E-06	8.61E-03	1.12E-04	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	5.39E-03	2.46E-03	0.00E+00	5.55E-02	6.77E-03	4.11E-04	2.05E-04	6.15E-04
Nickel	Baseline	URBN	Toddler	1.48E-01	1.17E-05	8.01E-03	4.46E-03	2.45E-03	0.00E+00	0.00E+00	1.81E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-03	7.25E-03	4.35E-03	0.00E+00	1.99E+00	1.21E-01	8.17E-04	1.02E-02	1.10E-02
Nickel	Baseline	URBN	Adolescent	3.71E-02	2.20E-05	1.43E-02	6.25E-03	5.11E																



Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																			RQ Soil Unitless	RQ Oral Unitless	RQ Total Unitless
				Soil SIR ug/day	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR ug/day	Plant ug/day	Berries ug/day	Root ug/day	WildRoot ug/day	WildPlant ug/day	Shellfish ug/day	Seaweed ug/day	Deer ug/day	Ruffed_grouse ug/day	Snowshoe_hare ug/day	Surface Water ug/day	Hands ug/day	Other ug/day	Breast Milk ug/day	EDI ug/day	EDI ug/kg/day				
Phenanthrene	Application	ABOR	Adult	3.21E-09	2.02E-12	5.39E-09	1.66E-08	3.64E-07	1.92E-08	1.57E-09	3.17E-07	1.18E-09	2.58E-09	5.70E-12	7.73E-12	9.15E-06	2.14E-09	1.98E-09	0.00E+00	9.89E-06	1.40E-07	3.24E-08	9.99E-05	9.99E-05	
Phenanthrene	Application	URBN	Infant	5.32E-09	4.45E-13	4.70E-09	6.25E-11	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-06	1.28E-09	5.82E-10	3.80E-08	2.16E-06	2.64E-07	1.88E-04	1.88E-04		
Phenanthrene	Application	URBN	Toddler	2.13E-08	1.68E-12	4.37E-09	2.50E-09	3.50E-07	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.72E-09	1.03E-09	0.00E+00	3.85E-06	2.33E-07	9.21E-07	1.66E-04	1.66E-04	
Phenanthrene	Application	URBN	Adolescent	5.32E-09	3.15E-12	7.83E-09	3.50E-09	7.31E-07	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-06	3.19E-09	2.87E-09	0.00E+00	8.92E-06	1.49E-07	6.36E-08	1.07E-04	1.07E-04	
Phenanthrene	Application	URBN	Child	5.32E-09	2.93E-12	6.39E-09	4.31E-09	5.08E-07	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-06	2.35E-09	1.81E-09	0.00E+00	6.05E-06	1.84E-07	1.15E-07	1.31E-04	1.31E-04	
Phenanthrene	Application	URBN	Adult	5.32E-09	3.35E-12	8.94E-09	2.87E-09	6.04E-07	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-06	3.55E-09	3.28E-09	0.00E+00	9.91E-06	1.40E-07	5.37E-08	1.00E-04	1.00E-04	
Phenanthrene	Cumulative	ABOR	Infant	2.95E-09	2.47E-13	2.61E-09	1.04E-09	1.41E-07	1.76E-08	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-06	7.09E-10	3.23E-10	3.03E-08	1.67E-06	2.03E-07	2.57E-07	1.45E-04	1.45E-04	
Phenanthrene	Cumulative	ABOR	Toddler	1.18E-08	9.31E-13	2.43E-09	6.59E-09	1.94E-07	1.76E-08	1.45E-09	1.50E-07	5.42E-10	7.78E-10	2.77E-12	1.87E-12	2.63E-06	9.52E-10	5.71E-10	0.00E+00	3.02E-06	1.83E-07	5.11E-07	1.30E-04	1.31E-04	
Phenanthrene	Cumulative	ABOR	Adolescent	2.95E-09	1.75E-12	4.34E-09	1.39E-08	4.06E-07	1.76E-08	1.45E-09	3.01E-07	9.48E-10	1.59E-09	2.77E-12	5.62E-12	6.34E-06	1.77E-09	1.59E-09	0.00E+00	7.10E-06	1.19E-07	3.53E-08	8.49E-05	8.49E-05	
Phenanthrene	Cumulative	ABOR	Child	2.95E-09	1.63E-12	3.55E-09	1.25E-08	2.82E-07	1.76E-08	1.45E-09	2.54E-07	8.12E-10	1.14E-09	2.77E-12	3.75E-12	4.25E-06	1.31E-09	1.01E-09	0.00E+00	4.83E-06	1.47E-07	6.41E-08	1.05E-04	1.05E-04	
Phenanthrene	Cumulative	ABOR	Adult	2.95E-09	1.86E-12	4.96E-09	1.53E-08	3.35E-07	1.76E-08	1.45E-09	3.01E-07	1.08E-09	2.46E-09	5.55E-12	7.49E-12	7.22E-06	1.97E-09	1.82E-09	0.00E+00	7.91E-06	1.12E-07	2.98E-08	7.99E-05	7.99E-05	
Phenanthrene	Cumulative	URBN	Infant	5.06E-09	4.23E-13	4.46E-09	5.94E-11	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-06	1.21E-09	5.54E-10	3.04E-08	1.75E-06	2.14E-07	4.41E-07	1.52E-04	1.53E-04	
Phenanthrene	Cumulative	URBN	Toddler	2.02E-08	1.60E-12	4.15E-09	2.38E-09	3.32E-07	0.00E+00	0.00E+00	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-06	1.63E-09	9.79E-10	0.00E+00	3.12E-06	1.89E-07	8.76E-07	1.34E-04	1.35E-04	
Phenanthrene	Cumulative	URBN	Adolescent	5.06E-09	3.00E-12	7.44E-09	3.33E-09	6.95E-07	0.00E+00	0.00E+00	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-06	3.03E-09	2.73E-09	0.00E+00	7.19E-06	1.20E-07	6.05E-08	8.59E-05	8.60E-05	
Phenanthrene	Cumulative	URBN	Child	5.06E-09	2.79E-12	6.08E-09	4.10E-09	4.83E-07	0.00E+00	0.00E+00	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-06	2.24E-09	1.73E-09	0.00E+00	4.88E-06	1.48E-07	1.10E-07	1.06E-04	1.06E-04	
Phenanthrene	Cumulative	URBN	Adult	5.06E-09	3.19E-12	8.50E-09	2.73E-09	5.74E-07	0.00E+00	0.00E+00	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-06	3.38E-09	3.12E-09	0.00E+00	7.95E-06	1.12E-07	5.11E-08	8.02E-05	8.03E-05	
Phenanthrene	Project	ABOR	Infant	2.55E-09	2.13E-13	2.25E-09	9.00E-10	1.22E-07	1.53E-08	1.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-06	6.13E-10	2.79E-10	2.50E-08	1.37E-06	1.68E-07	2.22E-07	1.20E-04	1.20E-04	
Phenanthrene	Project	ABOR	Toddler	1.02E-08	8.05E-13	2.10E-09	5.70E-09	1.68E-07	1.53E-08	1.25E-09	1.30E-07	4.68E-10	7.15E-10	2.57E-12	1.73E-12	2.16E-06	8.23E-10	4.94E-10	0.00E+00	2.49E-06	1.51E-07	4.42E-07	1.07E-04	1.08E-04	
Phenanthrene	Project	ABOR	Adolescent	2.55E-09	1.51E-12	3.76E-09	1.20E-08	3.51E-07	1.53E-08	1.25E-09	2.60E-07	8.19E-10	1.46E-09	2.57E-12	5.20E-12	5.21E-06	1.53E-09	1.38E-09	0.00E+00	5.86E-06	9.81E-08	3.05E-08	7.01E-05	7.01E-05	
Phenanthrene	Project	ABOR	Child	2.55E-09	1.41E-12	3.07E-09	1.08E-08	2.44E-07	1.53E-08	1.25E-09	2.20E-07	7.02E-10	1.05E-09	2.57E-12	3.47E-12	3.49E-06	1.13E-09	8.71E-10	0.00E+00	3.99E-06	1.21E-07	5.54E-08	8.66E-05	8.67E-05	
Phenanthrene	Project	ABOR	Adult	2.55E-09	1.61E-12	4.29E-09	1.32E-08	2.90E-07	1.53E-08	1.25E-09	2.60E-07	9.36E-10	2.26E-09	5.14E-12	6.94E-12	5.93E-06	1.70E-09	1.57E-09	0.00E+00	6.52E-06	9.23E-08	2.58E-08	6.59E-05	6.59E-05	
Phenanthrene	Project	URBN	Infant	4.39E-09	3.67E-13	3.88E-09	5.16E-11	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-06	1.05E-09	4.81E-10	2.51E-08	1.45E-06	1.77E-07	3.82E-07	1.26E-04	1.26E-04	
Phenanthrene	Project	URBN	Toddler	1.76E-08	1.38E-12	3.61E-09	2.06E-09	2.88E-07	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-06	1.42E-09	8.49E-10	0.00E+00	2.58E-06	1.57E-07	7.60E-07	1.11E-04	1.12E-04	
Phenanthrene	Project	URBN	Adolescent	4.39E-09	2.60E-12	6.46E-09	2.89E-09	6.03E-07	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-06	2.63E-09	2.37E-09	0.00E+00	5.94E-06	9.95E-08	5.25E-08	7.10E-05	7.11E-05	
Phenanthrene	Project	URBN	Child	4.39E-09	2.42E-12	5.27E-09	3.56E-09	4.20E-07	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-06	1.94E-09	1.50E-09	0.00E+00	4.04E-06	1.23E-07	9.53E-08	8.76E-05	8.77E-05	
Phenanthrene	Project	URBN	Adult	4.39E-09	2.77E-12	7.37E-09	2.37E-09	4.98E-07	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-06	2.93E-09	2.71E-09	0.00E+00	6.56E-06	9.28E-08	4.43E-08	6.62E-05	6.63E-05	
Phenanthrene	Future	ABOR	Infant	2.36E-09	1.98E-13	2.09E-09	8.34E-10	1.13E-07	1.41E-08	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-07	5.68E-10	2.59E-10	1.75E-08	9.66E-07	1.18E-07	2.06E-07	8.39E-05	8.41E-05	
Phenanthrene	Future	ABOR	Toddler	9.46E-09	7.46E-13	1.94E-09	5.28E-09	1.55E-07	1.41E-08	1.16E-09	1.22E-07	4.34E-10	5.99E-10	2.19E-12	1.47E-12	1.46E-06	7.63E-10	4.58E-10	0.00E+00	1.77E-06	1.07E-07	4.09E-07	7.62E-05	7.66E-05	
Phenanthrene	Future	ABOR	Adolescent	2.36E-09	1.40E-12	3.48E-09	1.11E-08	3.25E-07	1.41E-08	1.16E-09	2.43E-07	7.59E-10	1.22E-09	2.19E-12	4.42E-12	3.52E-06	1.42E-09	1.28E-09	0.00E+00	4.12E-06	6.91E-08	2.83E-08	4.93E-05	4.93E-05	
Phenanthrene	Future	ABOR	Child	2.36E-09	1.30E-12	2.84E-09	1.00E-08	2.26E-07	1.41E-08	1.16E-09	2.06E-07	6.51E-10	8.80E-10	2.19E-12	2.95E-12	2.36E-06	1.05E-09	8.07E-10	0.00E+00	2.83E-06	8.59E-08	5.13E-08	6.13E-05	6.13E-05	
Phenanthrene	Future	ABOR	Adult	2.36E-09	1.49E-12	3.97E-09	1.22E-08	2.68E-07	1.41E-08	1.16E-09	2.43E-07	8.68E-10	1.90E-09	4.38E-12	5.90E-12	4.01E-06	1.58E-09	1.46E-09	0.00E+00	4.56E-06	6.44E-08	2.39E-08	4.60E-05	4.60E-05	
Phenanthrene	Future	URBN	Infant	4.12E-09	3.45E-13	3.64E-09	4.84E-11	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-07	9.89E-10	4.51E-10	1.76E-08	1.04E-06	1.27E-07	3.59E-07	9.00E-05	9.04E-05	
Phenanthrene	Future	URBN	Toddler	1.65E-08	1.30E-12	3.39E-09	1.94E-09	2.71E-07	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-06	1.33E-09	7.98E-10	0.00E+00	1.86E-06	1.12E-07	7.14E-07	7.96E-05	8.03E-05	
Phenanthrene	Future	URBN	Adolescent	4.12E-09	2.44E-12	6.07E-09	2.71E-09	5.67E-07	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-06	2.47E-09	2.23E-09	0.00E+00	4.20E-06	7.04E-08	4.93E-08	5.03E-05	5.03E-05	
Phenanthrene	Future	URBN	Child	4.12E-09	2.27E-12	4.95E-09	3.34E-09	3.94E-07	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-06	1.82E-09	1.41E-09	0.00E+00	2.87E-06	8.73E-08	8.95E-08	6.23E-05	6.24E-05	
Phenanthrene	Future	URBN	Adult	4.12E-09	2.60E-12	6.93E-09	2.23E-09	4.68E-07	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-06	2.75E-09	2.54E-09	0.00E+00	4.59E-06	6.50E-08	4.16E-08	4.64E-05	4.64E-05	
Polychlorinated Biphenyls	Baseline	ABOR	Infant	4.86E-12	4.06E-16	2.24E-11	9.31E-12	2.79E-11	3.49E-12	1.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-08	1.09E-12	4.96E-13	1.91E-07	2.12E-07	2.59E-08	4.56E-12	1.99E-07	1.99E-07	
Polychlorinated Biphenyls	Baseline	ABOR	Toddler	1.94E-11	1.53E-15	2.08E-11	5.90E-11	3.84E-11	3.49E-12	1.24E-11	1.53E-10	1.24E-11	5.44E-10	1.91E-12	1.44E-12	3.67E-08	1.46E-12	8.77E-13	0.00E+00	3.75E-08	2.27E-09	9.06E-12	1.75E-08	1.75E-08	
Polychlorinated Biphenyls	Baseline	ABOR																							

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																			RQ Soil	RQ Oral	RQ Total
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Polychlorinated Biphenyls	Application	ABOR	Infant	2.15E-11	1.80E-15	9.90E-11	4.12E-11	1.24E-10	1.54E-11	5.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-08	4.82E-12	2.20E-12	5.50E-07	6.11E-07	7.45E-08	2.02E-11	5.73E-07	5.73E-07
Polychlorinated Biphenyls	Application	ABOR	Toddler	8.60E-11	6.78E-15	9.21E-11	2.61E-10	1.70E-10	1.54E-11	5.50E-11	8.44E-10	5.48E-11	2.75E-09	9.69E-12	7.29E-12	1.04E-07	6.47E-12	3.88E-12	0.00E+00	1.08E-07	6.57E-09	4.01E-11	5.05E-08	5.05E-08	
Polychlorinated Biphenyls	Application	ABOR	Adolescent	2.15E-11	1.27E-14	1.65E-10	5.50E-10	3.55E-10	1.54E-11	5.50E-11	1.69E-09	9.59E-11	5.61E-09	9.69E-12	2.19E-11	2.62E-07	1.20E-11	1.08E-11	0.00E+00	2.70E-07	4.52E-09	2.77E-12	3.48E-08	3.48E-08	
Polychlorinated Biphenyls	Application	ABOR	Child	2.15E-11	1.18E-14	1.35E-10	4.95E-10	2.47E-10	1.54E-11	5.50E-11	1.43E-09	8.22E-11	4.04E-09	9.69E-12	1.46E-11	1.72E-07	8.88E-12	6.85E-12	0.00E+00	1.78E-07	5.42E-09	5.03E-12	4.17E-08	4.17E-08	
Polychlorinated Biphenyls	Application	ABOR	Adult	2.15E-11	1.36E-14	1.88E-10	6.05E-10	2.94E-10	1.54E-11	5.50E-11	1.69E-09	1.10E-10	8.69E-09	1.94E-11	2.92E-11	2.98E-07	1.34E-11	1.24E-11	0.00E+00	3.10E-07	4.38E-09	2.34E-12	3.37E-08	3.37E-08	
Polychlorinated Biphenyls	Application	URBN	Infant	3.57E-11	2.99E-15	1.65E-10	2.28E-12	2.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-08	8.01E-12	3.65E-12	5.32E-07	5.94E-07	7.24E-08	3.35E-11	5.57E-07	5.57E-07	
Polychlorinated Biphenyls	Application	URBN	Toddler	1.43E-10	1.13E-14	1.53E-10	9.14E-11	2.82E-10	0.00E+00	0.00E+00	7.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	1.08E-11	6.46E-12	0.00E+00	1.05E-07	6.39E-09	6.67E-11	4.91E-08	4.91E-08	
Polychlorinated Biphenyls	Application	URBN	Adolescent	3.57E-11	2.12E-14	2.74E-10	1.28E-10	5.91E-10	0.00E+00	0.00E+00	7.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-07	2.00E-11	1.80E-11	0.00E+00	2.63E-07	4.41E-09	4.61E-12	3.39E-08	3.39E-08	
Polychlorinated Biphenyls	Application	URBN	Child	3.57E-11	1.97E-14	2.24E-10	1.58E-10	4.11E-10	0.00E+00	0.00E+00	7.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	1.48E-11	1.14E-11	0.00E+00	1.73E-07	5.27E-09	8.36E-12	4.05E-08	4.05E-08	
Polychlorinated Biphenyls	Application	URBN	Adult	3.57E-11	2.25E-14	3.13E-10	1.05E-10	4.88E-10	0.00E+00	0.00E+00	7.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-07	2.23E-11	2.06E-11	0.00E+00	3.00E-07	4.24E-09	3.89E-12	3.26E-08	3.26E-08	
Polychlorinated Biphenyls	Cumulative	ABOR	Infant	1.98E-11	1.66E-15	9.12E-11	3.80E-11	1.14E-10	1.42E-11	5.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-08	4.44E-12	2.03E-12	4.37E-07	4.86E-07	5.93E-08	1.86E-11	4.56E-07	4.56E-07	
Polychlorinated Biphenyls	Cumulative	ABOR	Toddler	7.93E-11	6.25E-15	8.49E-11	2.41E-10	1.57E-10	1.42E-11	5.07E-11	8.01E-10	5.05E-11	2.69E-09	9.51E-12	7.15E-12	8.20E-08	1.02E-11	3.58E-12	0.00E+00	8.62E-08	5.23E-09	3.70E-11	4.02E-08	4.02E-08	
Polychlorinated Biphenyls	Cumulative	ABOR	Adolescent	1.98E-11	1.17E-14	1.52E-10	5.07E-10	3.28E-10	1.42E-11	5.07E-11	1.60E-09	8.84E-11	5.49E-09	9.51E-12	2.14E-11	2.06E-07	1.11E-11	9.99E-12	0.00E+00	2.15E-07	3.59E-09	2.55E-12	2.76E-08	2.76E-08	
Polychlorinated Biphenyls	Cumulative	ABOR	Child	1.98E-11	1.09E-14	1.24E-10	4.56E-10	2.28E-10	1.42E-11	5.07E-11	1.36E-09	7.57E-11	3.96E-09	9.51E-12	1.43E-11	1.35E-07	8.19E-12	6.31E-12	0.00E+00	1.42E-07	4.31E-09	4.63E-12	3.31E-08	3.32E-08	
Polychlorinated Biphenyls	Cumulative	ABOR	Adult	1.98E-11	1.25E-14	1.74E-10	5.57E-10	2.71E-10	1.42E-11	5.07E-11	1.60E-09	1.01E-10	8.51E-09	1.90E-11	2.86E-11	2.35E-07	1.23E-11	1.14E-11	0.00E+00	2.47E-07	3.49E-09	2.16E-12	2.68E-08	2.68E-08	
Polychlorinated Biphenyls	Cumulative	URBN	Infant	3.39E-11	2.84E-15	1.56E-10	2.17E-12	1.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-08	7.60E-12	3.47E-12	4.20E-07	4.69E-07	5.72E-08	3.18E-11	4.40E-07	4.40E-07	
Polychlorinated Biphenyls	Cumulative	URBN	Toddler	1.36E-10	1.07E-14	1.45E-10	8.68E-11	2.68E-10	0.00E+00	0.00E+00	6.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-08	1.02E-11	6.13E-12	0.00E+00	8.34E-08	5.05E-09	6.33E-11	3.88E-08	3.89E-08	
Polychlorinated Biphenyls	Cumulative	URBN	Adolescent	3.39E-11	2.01E-14	2.60E-10	1.21E-10	5.61E-10	0.00E+00	0.00E+00	6.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-07	1.90E-11	1.71E-11	0.00E+00	2.08E-07	3.48E-09	4.37E-12	2.68E-08	2.68E-08	
Polychlorinated Biphenyls	Cumulative	URBN	Child	3.39E-11	1.87E-14	2.13E-10	1.50E-10	3.90E-10	0.00E+00	0.00E+00	6.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	1.40E-11	1.08E-11	0.00E+00	1.37E-07	4.16E-09	7.94E-12	3.20E-08	3.20E-08	
Polychlorinated Biphenyls	Cumulative	URBN	Adult	3.39E-11	2.14E-14	2.97E-10	9.98E-11	4.63E-10	0.00E+00	0.00E+00	6.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-07	2.11E-11	1.95E-11	0.00E+00	2.37E-07	3.35E-09	3.69E-12	2.58E-08	2.58E-08	
Polychlorinated Biphenyls	Project	ABOR	Infant	1.71E-11	1.43E-15	7.89E-11	3.28E-11	9.85E-11	1.23E-11	4.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-08	3.84E-12	1.75E-12	3.61E-07	4.01E-07	4.89E-08	1.61E-11	3.76E-07	3.76E-07	
Polychlorinated Biphenyls	Project	ABOR	Toddler	6.85E-11	5.40E-15	7.34E-11	2.08E-10	1.35E-10	1.23E-11	4.38E-11	6.91E-10	4.37E-11	2.51E-09	8.86E-12	6.66E-12	6.73E-08	5.16E-12	3.09E-12	0.00E+00	7.11E-08	4.31E-09	3.20E-11	3.31E-08	3.32E-08	
Polychlorinated Biphenyls	Project	ABOR	Adolescent	1.71E-11	1.02E-14	1.31E-10	4.38E-10	2.83E-10	1.23E-11	4.38E-11	1.38E-09	7.64E-11	5.12E-09	8.86E-12	2.00E-11	1.69E-07	9.59E-12	8.64E-12	0.00E+00	1.77E-07	2.96E-09	2.21E-12	2.28E-08	2.28E-08	
Polychlorinated Biphenyls	Project	ABOR	Child	1.71E-11	9.44E-15	1.07E-10	3.94E-10	1.97E-10	1.23E-11	4.38E-11	1.17E-09	6.55E-11	3.68E-09	8.86E-12	1.33E-11	1.11E-07	7.08E-12	5.46E-12	0.00E+00	1.17E-07	3.55E-09	4.01E-12	2.73E-08	2.73E-08	
Polychlorinated Biphenyls	Project	ABOR	Adult	1.71E-11	1.08E-14	1.50E-10	4.82E-10	2.34E-10	1.23E-11	4.38E-11	1.38E-09	8.73E-11	7.93E-09	1.77E-11	2.66E-11	1.93E-07	1.07E-11	9.86E-12	0.00E+00	2.03E-07	2.88E-09	1.86E-12	2.21E-08	2.21E-08	
Polychlorinated Biphenyls	Project	URBN	Infant	2.95E-11	2.46E-15	1.36E-10	1.88E-12	1.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-08	6.60E-12	3.01E-12	3.45E-07	3.85E-07	4.69E-08	2.76E-11	3.61E-07	3.61E-07	
Polychlorinated Biphenyls	Project	URBN	Toddler	1.18E-10	9.29E-15	1.26E-10	7.53E-11	2.33E-10	0.00E+00	0.00E+00	5.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-08	8.87E-12	5.32E-12	0.00E+00	6.85E-08	4.15E-09	5.49E-11	3.19E-08	3.19E-08	
Polychlorinated Biphenyls	Project	URBN	Adolescent	2.95E-11	1.75E-14	2.26E-10	1.05E-10	4.87E-10	0.00E+00	0.00E+00	5.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	1.65E-11	1.49E-11	0.00E+00	1.71E-07	2.86E-09	3.80E-12	2.20E-08	2.20E-08	
Polychlorinated Biphenyls	Project	URBN	Child	2.95E-11	1.62E-14	1.85E-10	1.30E-10	3.39E-10	0.00E+00	0.00E+00	5.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	1.22E-11	9.38E-12	0.00E+00	1.12E-07	3.42E-09	6.89E-12	2.63E-08	2.63E-08	
Polychlorinated Biphenyls	Project	URBN	Adult	2.95E-11	1.86E-14	2.58E-10	8.66E-11	4.02E-10	0.00E+00	0.00E+00	5.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-07	1.84E-11	1.70E-11	0.00E+00	1.94E-07	2.75E-09	3.21E-12	2.11E-08	2.11E-08	
Polychlorinated Biphenyls	Future	ABOR	Infant	1.59E-11	1.33E-15	7.31E-11	3.04E-11	9.12E-11	1.14E-11	4.06E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-08	3.56E-12	1.62E-12	2.47E-07	2.74E-07	3.34E-08	1.49E-11	2.57E-07	2.57E-07	
Polychlorinated Biphenyls	Future	ABOR	Toddler	6.35E-11	5.01E-15	6.80E-11	1.93E-10	1.25E-10	1.14E-11	4.06E-11	6.48E-10	4.04E-11	2.15E-09	7.60E-12	5.71E-12	4.87E-08	4.54E-08	4.87E-12	0.00E+00	4.87E-08	2.95E-09	2.96E-11	2.27E-08	2.27E-08	
Polychlorinated Biphenyls	Future	ABOR	Adolescent	1.59E-11	9.41E-15	1.22E-10	4.06E-10	2.62E-10	1.14E-11	4.06E-11	1.30E-09	7.08E-11	4.38E-09	7.60E-12	1.71E-11	1.14E-07	8.89E-12	8.00E-12	0.00E+00	1.21E-07	2.02E-09	2.05E-12	1.56E-08	1.56E-08	
Polychlorinated Biphenyls	Future	ABOR	Child	1.59E-11	8.75E-15	9.94E-11	3.65E-10	1.82E-10	1.14E-11	4.06E-11	1.10E-09	6.07E-11	3.16E-09	7.60E-12	1.14E-11	7.49E-08	6.56E-12	5.06E-12	0.00E+00	8.00E-08	2.43E-09	3.71E-12	1.87E-08	1.87E-08	
Polychlorinated Biphenyls	Future	ABOR	Adult	1.59E-11	1.00E-14	1.39E-10	4.46E-10	2.17E-10	1.14E-11	4.06E-11	1.30E-09	8.09E-11	6.79E-09	1.52E-11	2.28E-11	1.30E-07	9.89E-12	9.13E-12	0.00E+00	1.39E-07	1.97E-09	1.73E-12	1.51E-08	1.51E-08	
Polychlorinated Biphenyls	Future	URBN	Infant	2.77E-11	2.31E-15	1.27E-10	1.77E-12	1.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-08	6.20E-12	2.83E-12	2.33E-07	2.60E-07	3.17E-08	2.60E-11	2.44E-07	2.44E-07	
Polychlorinated Biphenyls	Future	URBN	Toddler	1.11E-10	8.73E-15	1.19E-10	7.07E-11	2.19E-10	0.00E+00	0.00E+00	5.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-08	8.33E-12	5.00E-12	0.00E+00	4.65E-08	2.82E-09	5.16E-11	2.16E-08	2.17E-08	
Polychlorinated Biphenyls	Future	URBN	Adolescent	2.77E-11	1.64E-14	2.12E-10																			

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil	RQ Oral	RQ Total	
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Pyrene	Baseline	URBN	Toddler	3.20E-08	2.52E-12	4.34E-09	2.50E-09	3.50E-07	0.00E+00	0.00E+00	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-06	2.58E-09	1.55E-09	0.00E+00	1.98E-06	1.20E-07	6.46E-11	3.94E-09	4.01E-09
Pyrene	Baseline	URBN	Adolescent	7.99E-09	4.74E-12	7.78E-09	3.50E-09	7.31E-07	0.00E+00	0.00E+00	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-06	4.80E-09	4.32E-09	0.00E+00	4.36E-06	7.30E-08	4.46E-12	2.43E-09	2.43E-09
Pyrene	Baseline	URBN	Child	7.99E-09	4.40E-12	6.35E-09	4.31E-09	5.09E-07	0.00E+00	0.00E+00	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-06	3.54E-09	2.73E-09	0.00E+00	3.00E-06	9.11E-08	8.10E-12	3.03E-09	3.04E-09
Pyrene	Baseline	URBN	Adult	7.99E-09	5.04E-12	8.88E-09	2.87E-09	6.04E-07	0.00E+00	0.00E+00	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-06	5.33E-09	4.93E-09	0.00E+00	4.70E-06	6.65E-08	3.77E-12	2.21E-09	2.22E-09
Pyrene	Application	ABOR	Infant	2.74E-08	2.29E-12	1.60E-08	6.42E-09	8.71E-07	1.09E-07	8.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-06	6.57E-09	3.00E-09	1.62E-07	3.47E-06	4.23E-07	1.11E-10	1.40E-08	1.41E-08
Pyrene	Application	ABOR	Toddler	1.09E-07	8.63E-12	1.49E-08	4.06E-08	1.20E-06	1.09E-07	8.87E-09	1.30E-06	4.07E-09	4.35E-09	2.01E-11	1.31E-11	3.99E-06	8.82E-09	5.29E-09	0.00E+00	6.79E-06	4.12E-07	2.21E-10	1.35E-08	1.37E-08	
Pyrene	Application	ABOR	Adolescent	2.74E-08	1.62E-11	2.66E-08	8.55E-08	2.50E-06	1.09E-07	8.87E-09	2.61E-06	7.12E-09	8.88E-09	2.01E-11	3.94E-11	9.74E-06	1.64E-08	1.48E-08	0.00E+00	1.52E-05	2.54E-07	1.53E-11	8.45E-09	8.46E-09	
Pyrene	Application	ABOR	Child	2.74E-08	1.51E-11	2.17E-08	7.70E-08	1.74E-06	1.09E-07	8.87E-09	2.20E-06	6.11E-09	6.40E-09	2.01E-11	2.63E-11	6.49E-06	1.21E-08	9.34E-09	0.00E+00	1.07E-05	3.26E-07	2.77E-11	1.08E-08	1.09E-08	
Pyrene	Application	ABOR	Adult	2.74E-08	1.73E-11	3.04E-08	9.41E-08	2.07E-06	1.09E-07	8.87E-09	2.61E-06	8.14E-09	1.38E-08	4.01E-11	5.26E-11	1.11E-05	1.83E-08	1.69E-08	0.00E+00	1.61E-05	2.28E-07	1.29E-11	7.58E-09	7.59E-09	
Pyrene	Application	URBN	Infant	4.56E-08	3.81E-12	2.66E-08	3.56E-10	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-06	1.09E-08	4.99E-09	1.59E-07	3.96E-06	4.83E-07	1.85E-10	1.59E-08	1.61E-08	
Pyrene	Application	URBN	Toddler	1.82E-07	1.44E-11	2.48E-08	1.43E-08	2.00E-06	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-06	1.47E-08	8.82E-09	0.00E+00	7.33E-06	4.44E-07	3.68E-10	1.44E-08	1.48E-08	
Pyrene	Application	URBN	Adolescent	4.56E-08	2.70E-11	4.44E-08	2.00E-08	4.17E-06	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-06	2.74E-08	2.46E-08	0.00E+00	1.52E-05	2.54E-07	2.55E-11	8.45E-09	8.48E-09	
Pyrene	Application	URBN	Child	4.56E-08	2.51E-11	3.62E-08	2.46E-08	2.90E-06	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-06	2.02E-08	1.56E-08	0.00E+00	1.06E-05	3.23E-07	4.62E-11	1.07E-08	1.08E-08	
Pyrene	Application	URBN	Adult	4.56E-08	2.88E-11	5.07E-08	1.64E-08	3.45E-06	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05	3.04E-08	2.81E-08	0.00E+00	1.58E-05	2.24E-07	2.15E-11	7.44E-09	7.46E-09	
Pyrene	Cumulative	ABOR	Infant	2.52E-08	2.11E-12	1.47E-08	5.92E-09	8.04E-07	1.00E-07	8.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-06	6.06E-09	2.76E-09	1.36E-07	2.90E-06	3.54E-07	1.03E-10	1.17E-08	1.18E-08	
Pyrene	Cumulative	ABOR	Toddler	1.01E-07	7.96E-12	1.37E-08	3.75E-08	1.11E-06	1.00E-07	8.19E-09	1.24E-06	3.76E-09	4.26E-09	1.97E-11	1.29E-11	3.17E-06	8.14E-09	4.89E-09	0.00E+00	5.80E-06	3.51E-07	2.04E-10	1.15E-08	1.17E-08	
Pyrene	Cumulative	ABOR	Adolescent	2.52E-08	1.50E-11	2.46E-08	7.89E-08	2.31E-06	1.00E-07	8.19E-09	2.48E-06	6.58E-09	8.69E-09	1.97E-11	3.87E-11	7.74E-06	1.51E-08	1.36E-08	0.00E+00	1.28E-05	2.15E-07	1.41E-11	7.14E-09	7.16E-09	
Pyrene	Cumulative	ABOR	Child	2.52E-08	1.39E-11	2.01E-08	7.11E-08	1.61E-06	1.00E-07	8.19E-09	2.10E-06	5.64E-09	6.25E-09	1.97E-11	2.58E-11	5.16E-06	1.12E-08	8.62E-09	0.00E+00	9.12E-06	2.77E-07	2.56E-11	9.22E-09	9.24E-09	
Pyrene	Cumulative	ABOR	Adult	2.52E-08	1.59E-11	2.81E-08	8.68E-08	1.91E-06	1.00E-07	8.19E-09	2.48E-06	7.51E-09	1.35E-08	3.94E-11	5.16E-11	8.82E-06	1.69E-08	1.56E-08	0.00E+00	1.35E-05	1.91E-07	1.19E-11	6.36E-09	6.37E-09	
Pyrene	Cumulative	URBN	Infant	4.32E-08	3.62E-12	2.53E-08	3.38E-10	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-06	1.04E-08	4.74E-09	1.34E-07	3.39E-06	4.14E-07	1.76E-10	1.36E-08	1.38E-08	
Pyrene	Cumulative	URBN	Toddler	1.73E-07	1.36E-11	2.35E-08	1.35E-08	1.89E-06	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-06	1.39E-08	8.37E-09	0.00E+00	6.34E-06	3.85E-07	3.49E-10	1.25E-08	1.28E-08	
Pyrene	Cumulative	URBN	Adolescent	4.32E-08	2.56E-11	4.21E-08	1.89E-08	3.96E-06	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-06	2.59E-08	2.34E-08	0.00E+00	1.29E-05	2.16E-07	2.41E-11	7.18E-09	7.20E-09	
Pyrene	Cumulative	URBN	Child	4.32E-08	2.38E-11	3.44E-08	2.33E-08	2.75E-06	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-06	1.91E-08	1.48E-08	0.00E+00	9.10E-06	2.77E-07	4.38E-11	9.17E-09	9.22E-09	
Pyrene	Cumulative	URBN	Adult	4.32E-08	2.73E-11	4.80E-08	1.56E-08	3.27E-06	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-06	2.89E-08	2.67E-08	0.00E+00	1.33E-05	1.88E-07	2.04E-11	6.25E-09	6.27E-09	
Pyrene	Project	ABOR	Infant	2.18E-08	1.82E-12	1.27E-08	5.12E-09	6.95E-07	8.68E-08	7.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06	5.24E-09	2.39E-09	1.14E-07	2.43E-06	2.96E-07	8.87E-11	9.79E-09	9.88E-09	
Pyrene	Project	ABOR	Toddler	8.73E-08	6.88E-12	1.19E-08	3.24E-08	9.55E-07	8.68E-08	7.08E-09	1.07E-06	3.25E-09	3.95E-09	1.83E-11	1.20E-11	2.61E-06	7.04E-09	4.22E-09	0.00E+00	4.88E-06	2.96E-07	1.76E-10	9.69E-09	9.86E-09	
Pyrene	Project	ABOR	Adolescent	2.18E-08	1.29E-11	2.12E-08	6.82E-08	2.00E-06	8.68E-08	7.08E-09	2.14E-06	5.68E-09	8.07E-09	1.83E-11	3.60E-11	6.38E-06	1.31E-08	1.18E-08	0.00E+00	1.08E-05	1.80E-07	1.22E-11	6.00E-09	6.01E-09	
Pyrene	Project	ABOR	Child	2.18E-08	1.20E-11	1.73E-08	6.14E-08	1.39E-06	8.68E-08	7.08E-09	1.81E-06	4.87E-09	5.81E-09	1.83E-11	2.40E-11	4.25E-06	9.66E-09	7.45E-09	0.00E+00	7.68E-06	2.33E-07	2.21E-11	7.76E-09	7.78E-09	
Pyrene	Project	ABOR	Adult	2.18E-08	1.38E-11	2.42E-08	7.51E-08	1.65E-06	8.68E-08	7.08E-09	2.14E-06	6.50E-09	1.25E-08	3.67E-11	4.80E-11	7.27E-06	1.46E-08	1.35E-08	0.00E+00	1.13E-05	1.60E-07	1.03E-11	5.33E-09	5.34E-09	
Pyrene	Project	URBN	Infant	3.75E-08	3.14E-12	2.19E-08	2.93E-10	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06	9.01E-09	4.11E-09	1.12E-07	2.86E-06	3.49E-07	1.53E-10	1.15E-08	1.16E-08	
Pyrene	Project	URBN	Toddler	1.50E-07	1.18E-11	2.04E-08	1.17E-08	1.64E-06	0.00E+00	0.00E+00	9.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-06	1.21E-08	7.26E-09	0.00E+00	5.36E-06	3.25E-07	3.03E-10	1.05E-08	1.08E-08	
Pyrene	Project	URBN	Adolescent	3.75E-08	2.23E-11	3.65E-08	1.64E-08	3.43E-06	0.00E+00	0.00E+00	9.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-06	2.25E-08	2.03E-08	0.00E+00	1.09E-05	1.82E-07	2.10E-11	6.04E-09	6.06E-09	
Pyrene	Project	URBN	Child	3.75E-08	2.07E-11	2.98E-08	2.02E-08	2.39E-06	0.00E+00	0.00E+00	9.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-06	1.66E-08	1.28E-08	0.00E+00	7.67E-06	2.33E-07	3.80E-11	7.73E-09	7.77E-09	
Pyrene	Project	URBN	Adult	3.75E-08	2.37E-11	4.17E-08	1.35E-08	2.84E-06	0.00E+00	0.00E+00	9.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-06	2.51E-08	2.31E-08	0.00E+00	1.12E-05	1.58E-07	1.77E-11	5.24E-09	5.26E-09	
Pyrene	Future	ABOR	Infant	2.02E-08	1.69E-12	1.18E-08	4.74E-09	6.44E-07	8.05E-08	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-06	4.85E-09	2.21E-09	8.79E-08	1.87E-06	2.28E-07	8.22E-11	7.53E-09	7.61E-09	
Pyrene	Future	ABOR	Toddler	8.09E-08	6.38E-12	1.10E-08	3.00E-08	8.85E-07	8.05E-08	6.56E-09	1.00E-06	3.01E-09	3.38E-09	1.57E-11	1.03E-11	1.78E-06	6.52E-09	3.91E-09	0.00E+00	3.89E-06	2.36E-07	1.63E-10	7.70E-09	7.86E-09	
Pyrene	Future	ABOR	Adolescent	2.02E-08	1.20E-11	1.97E-08	6.32E-08	1.85E-06	8.05E-08	6.56E-09	2.00E-06	5.27E-09	6.90E-09	1.57E-11	3.09E-11	4.35E-06	1.21E-08	1.09E-08	0.00E+00	8.43E-06	1.41E-07	1.13E-11	4.69E-09	4.71E-09	
Pyrene	Future	ABOR	Child	2.02E-08	1.11E-11	1.61E-08	5.69E-08	1.29E-06	8.05E-08	6.56E-09	1.70E-06	4.51E-09	4.97E-09	1.57E-11	2.06E-11	2.90E-06	8.95E-09	6.90E-09	0.00E+00	6.09E-06					

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Soil SIR ug/day	Estimated Daily Intake																	Total ug/day	Total ug/kg/day	RQ Soil Unitless	RQ Oral Unitless	RQ Total Unitless
					Dust AIR ug/day	Plant Plant ug/day	Berries Berries ug/day	Root Root ug/day	WildRoot WildRoot ug/day	WildPlant WildPlant ug/day	Shellfish Shellfish ug/day	Seaweed Seaweed ug/day	Deer Deer ug/day	Ruffed_grouse Ruffed_grouse ug/day	Snowshoe_hare Snowshoe_hare ug/day	Swim: Derm+Ing Surface Water ug/day	Dermal Hands ug/day	Dermal Other ug/day	Breast Milk Breast Milk ug/day							
Selenium	Baseline	ABOR	Adolescent	1.18E-02	7.01E-06	5.66E-03	1.76E-02	4.48E-03	1.95E-04	1.89E-03	1.38E+00	2.09E-03	1.48E-02	6.84E-03	7.44E-05	6.06E-03	4.73E-04	4.25E-04	0.00E+00	1.45E+00	2.44E-02	3.96E-05	4.83E-03	4.87E-03		
Selenium	Baseline	ABOR	Child	1.18E-02	6.51E-06	4.62E-03	1.58E-02	3.12E-03	1.95E-04	1.89E-03	1.17E+00	1.79E-03	1.06E-02	6.84E-03	4.96E-05	9.01E-03	3.49E-04	2.69E-04	0.00E+00	1.24E+00	3.76E-02	7.18E-05	7.44E-03	7.52E-03		
Selenium	Baseline	ABOR	Adult	1.18E-02	7.45E-06	6.46E-03	1.94E-02	3.70E-03	1.95E-04	1.89E-03	1.38E+00	2.39E-03	2.29E-02	1.37E-02	9.92E-05	6.39E-03	5.26E-04	4.86E-04	0.00E+00	1.47E+00	2.08E-02	3.34E-05	4.13E-03	4.17E-03		
Selenium	Baseline	URBN	Infant	1.18E-02	9.88E-07	3.40E-03	4.40E-05	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04	1.89E-04	8.63E-05	0.00E+00	1.76E-02	2.15E-03	2.88E-04	1.42E-04	4.30E-04		
Selenium	Baseline	URBN	Toddler	4.73E-02	3.73E-06	3.16E-03	1.76E-03	2.15E-03	0.00E+00	0.00E+00	5.85E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-03	2.54E-04	1.52E-04	0.00E+00	6.48E-01	3.93E-02	5.73E-04	7.28E-03	7.86E-03		
Selenium	Baseline	URBN	Adolescent	1.18E-02	7.01E-06	5.66E-03	2.46E-03	4.49E-03	0.00E+00	0.00E+00	5.85E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-03	4.73E-04	4.26E-04	0.00E+00	6.16E-01	1.03E-02	3.96E-05	2.03E-03	2.06E-03		
Selenium	Baseline	URBN	Child	1.18E-02	6.51E-06	4.62E-03	3.04E-03	3.12E-03	0.00E+00	0.00E+00	5.85E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-03	3.49E-04	2.69E-04	0.00E+00	6.17E-01	1.88E-02	7.19E-05	3.68E-03	3.75E-03		
Selenium	Baseline	URBN	Adult	1.18E-02	7.46E-06	6.46E-03	2.02E-03	3.71E-03	0.00E+00	0.00E+00	5.85E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-03	5.26E-04	4.86E-04	0.00E+00	6.16E-01	8.72E-03	3.34E-05	1.71E-03	1.74E-03		
Selenium	Application	ABOR	Infant	1.18E-02	9.87E-07	3.39E-03	1.32E-03	1.56E-03	1.95E-04	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04	1.89E-04	8.62E-05	0.00E+00	2.10E-02	2.56E-03	2.88E-04	2.24E-04	5.12E-04		
Selenium	Application	ABOR	Toddler	4.72E-02	3.73E-06	3.16E-03	8.36E-03	2.14E-03	1.95E-04	1.89E-03	6.94E-01	1.19E-03	7.29E-03	6.89E-03	2.50E-05	8.41E-03	2.54E-04	1.52E-04	0.00E+00	7.82E-01	4.74E-02	5.73E-04	8.90E-03	9.47E-03		
Selenium	Application	ABOR	Adolescent	1.18E-02	7.00E-06	5.66E-03	1.76E-02	4.48E-03	1.95E-04	1.89E-03	1.39E+00	2.09E-03	1.49E-02	6.89E-03	7.50E-05	6.06E-03	4.72E-04	4.25E-04	0.00E+00	1.46E+00	2.45E-02	3.96E-05	4.86E-03	4.90E-03		
Selenium	Application	ABOR	Child	1.18E-02	6.51E-06	4.62E-03	1.58E-02	3.12E-03	1.95E-04	1.89E-03	1.18E+00	1.79E-03	1.07E-02	6.89E-03	5.00E-05	9.01E-03	3.48E-04	2.69E-04	0.00E+00	1.24E+00	3.77E-02	7.18E-05	7.48E-03	7.55E-03		
Selenium	Application	ABOR	Adult	1.18E-02	7.45E-06	6.46E-03	1.94E-02	3.70E-03	1.95E-04	1.89E-03	1.39E+00	2.39E-03	2.31E-02	1.38E-02	1.00E-04	6.39E-03	5.26E-04	4.85E-04	0.00E+00	1.48E+00	2.09E-02	3.34E-05	4.15E-03	4.18E-03		
Selenium	Application	URBN	Infant	1.19E-02	9.92E-07	3.41E-03	4.42E-05	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04	1.90E-04	8.67E-05	0.00E+00	1.77E-02	2.16E-03	2.90E-04	1.42E-04	4.32E-04		
Selenium	Application	URBN	Toddler	4.75E-02	3.74E-06	3.17E-03	1.77E-03	2.15E-03	0.00E+00	0.00E+00	5.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-03	2.55E-04	1.53E-04	0.00E+00	6.51E-01	3.95E-02	5.76E-04	7.32E-03	7.89E-03		
Selenium	Application	URBN	Adolescent	1.19E-02	7.04E-06	5.68E-03	2.48E-03	4.50E-03	0.00E+00	0.00E+00	5.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-03	4.75E-04	4.27E-04	0.00E+00	6.19E-01	1.04E-02	3.98E-05	2.03E-03	2.07E-03		
Selenium	Application	URBN	Child	1.19E-02	6.54E-06	4.64E-03	3.05E-03	3.13E-03	0.00E+00	0.00E+00	5.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-03	3.50E-04	2.70E-04	0.00E+00	6.20E-01	1.88E-02	7.22E-05	3.70E-03	3.77E-03		
Selenium	Application	URBN	Adult	1.19E-02	7.49E-06	6.49E-03	2.03E-03	3.72E-03	0.00E+00	0.00E+00	5.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-03	5.28E-04	4.88E-04	0.00E+00	6.19E-01	8.76E-03	3.36E-05	1.72E-03	1.75E-03		
Selenium	Cumulative	ABOR	Infant	1.18E-02	9.90E-07	3.40E-03	1.32E-03	1.56E-03	1.95E-04	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04	1.89E-04	8.64E-05	0.00E+00	2.10E-02	2.56E-03	2.89E-04	2.24E-04	5.13E-04		
Selenium	Cumulative	ABOR	Toddler	4.74E-02	3.73E-06	3.16E-03	8.38E-03	2.15E-03	1.95E-04	1.89E-03	6.93E-01	1.20E-03	7.29E-03	6.89E-03	2.50E-05	8.41E-03	2.55E-04	1.53E-04	0.00E+00	7.80E-01	4.73E-02	5.74E-04	8.88E-03	9.46E-03		
Selenium	Cumulative	ABOR	Adolescent	1.18E-02	7.02E-06	5.67E-03	1.76E-02	4.49E-03	1.95E-04	1.89E-03	1.39E+00	2.09E-03	1.49E-02	6.89E-03	7.50E-05	6.06E-03	4.74E-04	4.26E-04	0.00E+00	1.46E+00	2.44E-02	3.97E-05	4.85E-03	4.88E-03		
Selenium	Cumulative	ABOR	Child	1.18E-02	6.52E-06	4.63E-03	1.59E-02	3.13E-03	1.95E-04	1.89E-03	1.17E+00	1.80E-03	1.07E-02	6.89E-03	5.00E-05	9.01E-03	3.49E-04	2.69E-04	0.00E+00	1.24E+00	3.77E-02	7.20E-05	7.46E-03	7.53E-03		
Selenium	Cumulative	ABOR	Adult	1.18E-02	7.47E-06	6.47E-03	1.94E-02	3.71E-03	1.95E-04	1.89E-03	1.39E+00	2.39E-03	2.31E-02	1.38E-02	1.00E-04	6.39E-03	5.27E-04	4.87E-04	0.00E+00	1.48E+00	2.09E-02	3.35E-05	4.14E-03	4.17E-03		
Selenium	Cumulative	URBN	Infant	1.19E-02	9.91E-07	3.41E-03	4.42E-05	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04	1.90E-04	8.66E-05	0.00E+00	1.77E-02	2.16E-03	2.89E-04	1.42E-04	4.32E-04		
Selenium	Cumulative	URBN	Toddler	4.74E-02	3.74E-06	3.17E-03	1.77E-03	2.15E-03	0.00E+00	0.00E+00	5.86E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-03	2.55E-04	1.53E-04	0.00E+00	6.50E-01	3.94E-02	5.75E-04	7.30E-03	7.87E-03		
Selenium	Cumulative	URBN	Adolescent	1.19E-02	7.03E-06	5.68E-03	2.47E-03	4.50E-03	0.00E+00	0.00E+00	5.86E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-03	4.74E-04	4.27E-04	0.00E+00	6.18E-01	1.03E-02	3.97E-05	2.03E-03	2.07E-03		
Selenium	Cumulative	URBN	Child	1.19E-02	6.53E-06	4.64E-03	3.05E-03	3.13E-03	0.00E+00	0.00E+00	5.86E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-03	3.50E-04	2.70E-04	0.00E+00	6.18E-01	1.88E-02	7.21E-05	3.69E-03	3.76E-03		
Selenium	Cumulative	URBN	Adult	1.19E-02	7.48E-06	6.48E-03	2.03E-03	3.72E-03	0.00E+00	0.00E+00	5.86E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-03	5.28E-04	4.87E-04	0.00E+00	6.18E-01	8.74E-03	3.35E-05	1.71E-03	1.75E-03		
Selenium	Project	ABOR	Infant	2.31E-05	1.94E-09	6.65E-06	2.59E-06	3.06E-06	3.82E-07	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-07	3.70E-07	1.69E-07	0.00E+00	4.03E-05	4.91E-06	5.65E-07	4.18E-07	9.82E-07		
Selenium	Project	ABOR	Toddler	9.26E-05	7.30E-09	6.19E-06	1.64E-05	4.20E-06	3.82E-07	3.69E-06	1.56E-03	2.34E-06	4.87E-05	6.75E-05	1.80E-07	3.38E-06	4.98E-07	2.99E-07	0.00E+00	1.81E-03	1.10E-04	1.12E-06	2.08E-05	2.20E-05		
Selenium	Project	ABOR	Adolescent	2.31E-05	1.37E-08	1.11E-05	3.45E-05	6.78E-06	3.82E-07	3.69E-06	3.13E-03	4.10E-06	9.94E-05	6.75E-05	5.40E-07	2.44E-06	9.26E-07	8.33E-07	0.00E+00	3.39E-03	5.67E-05	7.75E-08	1.13E-05	1.13E-05		
Selenium	Project	ABOR	Child	2.31E-05	1.28E-08	9.05E-06	3.10E-05	6.11E-06	3.82E-07	3.69E-06	2.65E-03	3.51E-06	7.16E-05	6.75E-05	3.60E-07	6.83E-06	3.22E-06	2.87E-06	0.00E+00	2.87E-03	8.72E-05	1.41E-07	1.73E-05	1.74E-05		
Selenium	Project	ABOR	Adult	2.31E-05	1.46E-08	1.27E-05	3.79E-05	7.26E-06	3.82E-07	3.69E-06	3.13E-03	4.68E-06	1.54E-04	1.35E-04	7.20E-07	2.57E-06	1.03E-06	9.51E-07	0.00E+00	3.51E-03	4.97E-05	6.55E-08	9.87E-06	9.94E-06		
Selenium	Project	URBN	Infant	3.98E-05	3.33E-09	1.14E-05	1.48E-07	5.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-07	6.37E-07	2.91E-07	0.00E+00	5.78E-05	7.05E-06	9.71E-07	4.39E-07	1.41E-06		
Selenium	Project	URBN	Toddler	1.59E-04	1.26E-08	1.06E-05	5.93E-06	7.23E-06	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-06	8.56E-07	5.14E-07	0.00E+00	1.51E-03	9.16E-05	1.93E-06	1.64E-05	1.83E-05		
Selenium	Project	URBN	Adolescent	3.98E-05	2.36E-08	1.91E-05	8.30E-06	1.51E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-06	1.59E-06	1.43E-06	0.00E+00	1.41E-03	2.37E-05	1.33E-07	4.60E-06	4.73E-06		
Selenium	Project	URBN	Child	3.98E-05	2.19E-08	1.56E-05	1.02E-05	1.05E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.17E-06	9.06E-07	0.00E+00	1.41E-03	4.27E-05	2.42E-07	8.31E-06	8.55E-06		
Selenium	Project	URBN	Adult	3.98E-05	2.51E-08	2.18E-05	6.82E-06	1.25E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-06	1.77E-06	1.64E-06	0.00E+00	1.41E-03	2.00E-05	1.13E-07	3.88E-06	3.99E-06		
Selenium	Future	ABOR	Infant	2.14E-05	1.79E-09	6.16E-06	2.40E-06	6.83E-06	3.54E-07	3.42E-06	0.00E+															

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																		RQ Soil Unitless	RQ Oral Unitless	RQ Total Unitless	
				Soil SIR ug/day	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR ug/day	Plant ug/day	Berries ug/day	Root ug/day	WildRoot ug/day	WildPlant ug/day	Shellfish ug/day	Seaweed ug/day	Deer ug/day	Ruffed_grouse ug/day	Snowshoe_hare ug/day	Surface Water ug/day	Hands ug/day	Other ug/day	Breast Milk ug/day	EDI ug/day	EDI ug/kg/day				
Selenium	Future	URBN	Child	3.74E-05	2.06E-08	1.46E-05	9.61E-06	9.87E-06	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-06	1.10E-06	8.51E-07	0.00E+00	1.32E-03	4.00E-05	2.27E-07	7.78E-06	8.00E-06
Selenium	Future	URBN	Adult	3.74E-05	2.36E-08	2.04E-05	6.40E-06	1.17E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-06	1.66E-06	1.54E-06	0.00E+00	1.32E-03	1.87E-05	1.06E-07	3.63E-06	3.74E-06
Strontium	Baseline	ABOR	Infant	1.48E-02	1.23E-06	2.02E-01	7.86E-02	2.22E-02	2.77E-03	1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-04	2.36E-03	1.08E-03	0.00E+00	4.37E-01	5.33E-02	3.00E-06	8.58E-05	8.88E-05
Strontium	Baseline	ABOR	Toddler	5.91E-02	4.66E-06	1.88E-01	4.98E-01	3.05E-02	2.77E-03	1.12E-01	8.64E-01	1.49E-03	1.04E-03	1.89E-06	3.72E-06	1.05E-02	3.18E-03	1.91E-03	0.00E+00	1.77E+00	1.07E-01	5.97E-06	1.73E-04	1.79E-04	
Strontium	Baseline	ABOR	Adolescent	1.48E-02	8.76E-06	3.37E-01	1.05E+00	6.37E-02	2.77E-03	1.12E-01	1.73E+00	2.61E-03	2.12E-03	1.89E-06	1.12E-05	7.58E-03	5.91E-03	5.32E-03	0.00E+00	3.33E+00	5.58E-02	4.12E-07	9.25E-05	9.30E-05	
Strontium	Baseline	ABOR	Child	1.48E-02	8.14E-06	2.75E-01	9.43E-01	4.43E-02	2.77E-03	1.12E-01	1.46E+00	2.24E-03	1.53E-03	1.89E-06	7.43E-06	1.13E-02	4.36E-03	3.36E-03	0.00E+00	2.88E+00	8.75E-02	7.48E-07	1.45E-04	1.46E-04	
Strontium	Baseline	ABOR	Adult	1.48E-02	9.32E-06	3.85E-01	1.15E+00	5.26E-02	2.77E-03	1.12E-01	1.73E+00	2.99E-03	3.28E-03	3.78E-06	1.49E-05	7.98E-03	6.57E-03	6.07E-03	0.00E+00	3.47E+00	4.91E-02	3.48E-07	8.16E-05	8.19E-05	
Strontium	Baseline	URBN	Infant	1.48E-02	1.23E-06	2.02E-01	2.62E-03	2.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-04	2.36E-03	1.08E-03	0.00E+00	2.46E-01	3.00E-02	3.00E-06	4.70E-05	5.00E-05
Strontium	Baseline	URBN	Toddler	5.91E-02	4.66E-06	1.88E-01	1.05E-01	3.05E-02	0.00E+00	0.00E+00	7.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02	3.18E-03	1.91E-03	0.00E+00	1.13E+00	6.84E-02	5.97E-06	1.08E-04	1.14E-04
Strontium	Baseline	URBN	Adolescent	1.48E-02	8.76E-06	3.37E-01	1.47E-01	6.37E-02	0.00E+00	0.00E+00	7.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-03	5.91E-03	5.32E-03	0.00E+00	1.31E+00	2.20E-02	4.12E-07	3.62E-05	3.66E-05
Strontium	Baseline	URBN	Child	1.48E-02	8.14E-06	2.75E-01	1.81E-01	4.43E-02	0.00E+00	0.00E+00	7.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-02	4.36E-03	3.36E-03	0.00E+00	1.27E+00	3.85E-02	7.48E-07	6.33E-05	6.41E-05	
Strontium	Baseline	URBN	Adult	1.48E-02	9.32E-06	3.85E-01	1.21E-01	5.26E-02	0.00E+00	0.00E+00	7.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-03	6.57E-03	6.07E-03	0.00E+00	1.32E+00	1.87E-02	3.48E-07	3.09E-05	3.12E-05	
Strontium	Application	ABOR	Infant	1.48E-02	1.23E-06	2.02E-01	7.86E-02	2.21E-02	2.77E-03	1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-04	2.36E-03	1.08E-03	0.00E+00	4.37E-01	5.32E-02	3.00E-06	8.57E-05	8.87E-05	
Strontium	Application	ABOR	Toddler	5.91E-02	4.66E-06	1.88E-01	4.98E-01	3.05E-02	2.77E-03	1.12E-01	8.67E-01	1.49E-03	1.04E-03	1.90E-06	3.74E-06	1.05E-02	3.17E-03	1.90E-03	0.00E+00	1.78E+00	1.08E-01	5.97E-06	1.73E-04	1.79E-04	
Strontium	Application	ABOR	Adolescent	1.48E-02	8.75E-06	3.37E-01	1.05E+00	6.37E-02	2.77E-03	1.12E-01	1.73E+00	2.61E-03	2.13E-03	1.90E-06	1.12E-05	7.58E-03	5.91E-03	5.32E-03	0.00E+00	3.34E+00	5.59E-02	4.12E-07	9.27E-05	9.31E-05	
Strontium	Application	ABOR	Child	1.48E-02	8.13E-06	2.75E-01	9.43E-01	4.43E-02	2.77E-03	1.12E-01	1.47E+00	2.24E-03	1.54E-03	1.90E-06	7.48E-06	1.13E-02	4.36E-03	3.36E-03	0.00E+00	2.88E+00	8.76E-02	7.48E-07	1.45E-04	1.46E-04	
Strontium	Application	ABOR	Adult	1.48E-02	9.31E-06	3.84E-01	1.15E+00	5.26E-02	2.77E-03	1.12E-01	1.73E+00	2.99E-03	3.31E-03	3.81E-06	1.50E-05	7.98E-03	6.57E-03	6.07E-03	0.00E+00	3.48E+00	4.92E-02	3.48E-07	8.17E-05	8.20E-05	
Strontium	Application	URBN	Infant	1.48E-02	1.24E-06	2.03E-01	2.63E-03	2.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-04	2.37E-03	1.08E-03	0.00E+00	2.47E-01	3.01E-02	3.01E-06	4.71E-05	5.01E-05	
Strontium	Application	URBN	Toddler	5.93E-02	4.68E-06	1.89E-01	1.05E-01	3.06E-02	0.00E+00	0.00E+00	7.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02	3.19E-03	1.91E-03	0.00E+00	1.13E+00	6.87E-02	5.99E-06	1.08E-04	1.14E-04	
Strontium	Application	URBN	Adolescent	1.48E-02	8.79E-06	3.38E-01	1.47E-01	6.39E-02	0.00E+00	0.00E+00	7.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-03	5.93E-03	5.34E-03	0.00E+00	1.32E+00	2.21E-02	4.14E-07	3.63E-05	3.68E-05	
Strontium	Application	URBN	Child	1.48E-02	8.17E-06	2.76E-01	1.81E-01	4.45E-02	0.00E+00	0.00E+00	7.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-02	4.37E-03	3.37E-03	0.00E+00	1.27E+00	3.86E-02	7.51E-07	6.36E-05	6.43E-05	
Strontium	Application	URBN	Adult	1.48E-02	9.35E-06	3.86E-01	1.21E-01	5.28E-02	0.00E+00	0.00E+00	7.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-03	6.60E-03	6.09E-03	0.00E+00	1.33E+00	1.88E-02	3.49E-07	3.10E-05	3.13E-05	
Strontium	Cumulative	ABOR	Infant	1.48E-02	1.24E-06	2.02E-01	7.87E-02	2.22E-02	2.77E-03	1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-04	2.37E-03	1.08E-03	0.00E+00	4.37E-01	5.33E-02	3.01E-06	8.59E-05	8.89E-05	
Strontium	Cumulative	ABOR	Toddler	5.92E-02	4.67E-06	1.88E-01	4.98E-01	3.05E-02	2.77E-03	1.12E-01	8.66E-01	1.50E-03	1.04E-03	1.90E-06	3.74E-06	1.05E-02	3.18E-03	1.91E-03	0.00E+00	1.78E+00	1.08E-01	5.98E-06	1.73E-04	1.79E-04	
Strontium	Cumulative	ABOR	Adolescent	1.48E-02	8.77E-06	3.37E-01	1.05E+00	6.38E-02	2.77E-03	1.12E-01	1.73E+00	2.62E-03	2.13E-03	1.90E-06	1.12E-05	7.58E-03	5.92E-03	5.32E-03	0.00E+00	3.33E+00	5.59E-02	4.13E-07	9.27E-05	9.31E-05	
Strontium	Cumulative	ABOR	Child	1.48E-02	8.15E-06	2.75E-01	9.44E-01	4.44E-02	2.77E-03	1.12E-01	1.46E+00	2.24E-03	1.54E-03	1.90E-06	7.48E-06	1.13E-02	4.36E-03	3.36E-03	0.00E+00	2.88E+00	8.76E-02	7.49E-07	1.45E-04	1.46E-04	
Strontium	Cumulative	ABOR	Adult	1.48E-02	9.33E-06	3.85E-01	1.15E+00	5.27E-02	2.77E-03	1.12E-01	1.73E+00	2.99E-03	3.31E-03	3.81E-06	1.50E-05	7.99E-03	6.58E-03	6.08E-03	0.00E+00	3.48E+00	4.92E-02	3.49E-07	8.17E-05	8.20E-05	
Strontium	Cumulative	URBN	Infant	1.48E-02	1.24E-06	2.03E-01	2.63E-03	2.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-04	2.37E-03	1.08E-03	0.00E+00	2.46E-01	3.00E-02	3.01E-06	4.71E-05	5.01E-05	
Strontium	Cumulative	URBN	Toddler	5.92E-02	4.67E-06	1.89E-01	1.05E-01	3.05E-02	0.00E+00	0.00E+00	7.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02	3.18E-03	1.91E-03	0.00E+00	1.13E+00	6.86E-02	5.98E-06	1.08E-04	1.14E-04	
Strontium	Cumulative	URBN	Adolescent	1.48E-02	8.78E-06	3.38E-01	1.47E-01	6.39E-02	0.00E+00	0.00E+00	7.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-03	5.92E-03	5.33E-03	0.00E+00	1.31E+00	2.20E-02	4.13E-07	3.63E-05	3.67E-05	
Strontium	Cumulative	URBN	Child	1.48E-02	8.16E-06	2.76E-01	1.81E-01	4.44E-02	0.00E+00	0.00E+00	7.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-02	4.37E-03	3.37E-03	0.00E+00	1.27E+00	3.85E-02	7.50E-07	6.35E-05	6.42E-05	
Strontium	Cumulative	URBN	Adult	1.48E-02	9.34E-06	3.86E-01	1.21E-01	5.28E-02	0.00E+00	0.00E+00	7.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-03	6.59E-03	6.09E-03	0.00E+00	1.33E+00	1.88E-02	3.49E-07	3.09E-05	3.13E-05	
Strontium	Project	ABOR	Infant	2.31E-05	1.94E-09	3.17E-04	1.23E-04	3.47E-05	4.34E-06	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-07	3.70E-06	1.69E-06	0.00E+00	6.84E-04	8.34E-05	4.71E-09	1.34E-07	1.39E-07	
Strontium	Project	ABOR	Toddler	9.26E-05	7.30E-09	2.95E-04	7.80E-04	4.77E-05	4.34E-06	1.76E-04	1.56E-03	2.34E-06	6.60E-06	1.23E-08	2.42E-08	3.38E-06	4.98E-06	2.99E-06	0.00E+00	2.98E-03	1.81E-04	9.35E-09	2.92E-07	3.01E-07	
Strontium	Project	ABOR	Adolescent	2.31E-05	1.37E-08	5.28E-04	1.64E-03	9.98E-05	4.34E-06	1.76E-04	3.13E-03	4.10E-06	1.35E-05	1.23E-08	7.26E-08	2.44E-06	9.26E-06	8.33E-06	0.00E+00	5.64E-03	9.45E-05				



Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																			RQ Soil Unitless	RQ Oral Unitless	RQ Total Unitless
				Soil SIR ug/day	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR ug/day	Plant ug/day	Berries ug/day	Root ug/day	WildRoot ug/day	WildPlant ug/day	Shellfish ug/day	Seaweed ug/day	Deer ug/day	Ruffed_grouse ug/day	Snowshoe_hare ug/day	Surface Water ug/day	Hands ug/day	Other ug/day	Breast Milk ug/day	EDI ug/day	EDI ug/kg/day				
Strontium	Future	ABOR	Adult	2.14E-05	1.35E-08	5.58E-04	1.67E-03	7.64E-05	4.02E-06	1.63E-04	2.93E-03	4.34E-06	2.09E-05	2.48E-08	9.70E-08	1.73E-06	9.54E-06	8.81E-06	0.00E+00	5.47E-03	7.74E-05	5.06E-10	1.29E-07	1.29E-07	
Strontium	Future	URBN	Infant	3.74E-05	3.13E-09	5.12E-04	6.63E-06	5.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-07	5.98E-06	2.73E-06	0.00E+00	6.21E-04	7.57E-05	7.60E-09	1.19E-07	1.26E-07		
Strontium	Future	URBN	Toddler	1.50E-04	1.18E-08	4.76E-04	2.65E-04	7.71E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-06	8.04E-06	4.82E-06	0.00E+00	2.22E-03	1.35E-04	1.51E-08	2.10E-07	2.25E-07	
Strontium	Future	URBN	Adolescent	3.74E-05	2.22E-08	8.53E-04	3.71E-04	1.61E-04	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-06	1.50E-05	1.35E-05	0.00E+00	2.69E-03	4.51E-05	1.04E-09	7.41E-08	7.52E-08	
Strontium	Future	URBN	Child	3.74E-05	2.06E-08	6.96E-04	4.58E-04	1.12E-04	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-06	1.10E-05	8.51E-06	0.00E+00	2.57E-03	7.80E-05	1.89E-09	1.28E-07	1.30E-07	
Strontium	Future	URBN	Adult	3.74E-05	2.36E-08	9.73E-04	3.05E-04	1.33E-04	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-06	1.66E-05	1.54E-05	0.00E+00	2.72E-03	3.85E-05	8.81E-10	6.33E-08	6.42E-08	
Vanadium	Baseline	ABOR	Infant	8.87E-02	7.41E-06	1.88E-02	7.30E-03	1.60E-03	1.99E-04	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03	1.42E-02	6.47E-03	0.00E+00	1.51E-01	1.84E-02	5.41E-03	3.81E-03	9.21E-03	
Vanadium	Baseline	ABOR	Toddler	3.55E-01	2.80E-05	1.75E-02	4.62E-02	2.19E-03	1.99E-04	1.04E-02	1.76E-01	8.96E-03	3.69E-02	8.04E-05	1.50E-04	5.38E-02	1.91E-02	1.14E-02	0.00E+00	7.38E-01	4.47E-02	1.07E-02	1.16E-02	2.24E-02	
Vanadium	Baseline	ABOR	Adolescent	8.87E-02	5.26E-05	3.13E-02	9.73E-02	4.59E-03	1.99E-04	1.04E-02	3.53E-01	1.57E-02	7.52E-02	8.04E-05	4.50E-04	3.88E-02	3.55E-02	3.19E-02	0.00E+00	7.83E-01	1.31E-02	7.43E-04	5.81E-03	6.56E-03	
Vanadium	Baseline	ABOR	Child	8.87E-02	4.88E-05	2.55E-02	8.76E-02	3.19E-03	1.99E-04	1.04E-02	2.98E-01	1.34E-02	5.42E-02	8.04E-05	3.00E-04	5.76E-02	2.62E-02	2.02E-02	0.00E+00	6.86E-01	2.08E-02	1.35E-03	9.08E-03	1.04E-02	
Vanadium	Baseline	ABOR	Adult	8.87E-02	5.59E-05	3.57E-02	1.07E-01	3.79E-03	1.99E-04	1.04E-02	3.53E-01	1.79E-02	1.17E-01	1.61E-04	6.00E-04	4.08E-02	3.95E-02	3.64E-02	0.00E+00	8.51E-01	1.20E-02	6.27E-04	5.39E-03	6.02E-03	
Vanadium	Baseline	URBN	Infant	8.87E-02	7.41E-06	1.88E-02	2.43E-04	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03	1.42E-02	6.47E-03	0.00E+00	1.33E-01	1.63E-02	5.41E-03	2.73E-03	8.14E-03	
Vanadium	Baseline	URBN	Toddler	3.55E-01	2.80E-05	1.75E-02	9.73E-03	2.19E-03	0.00E+00	0.00E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-02	1.91E-02	1.14E-02	0.00E+00	6.18E-01	3.74E-02	1.07E-02	7.97E-03	1.87E-02	
Vanadium	Baseline	URBN	Adolescent	8.87E-02	5.26E-05	3.13E-02	1.36E-02	4.59E-03	0.00E+00	0.00E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-02	3.55E-02	3.19E-02	0.00E+00	3.94E-01	6.59E-03	7.43E-04	2.55E-03	3.30E-03	
Vanadium	Baseline	URBN	Child	8.87E-02	4.89E-05	2.55E-02	1.68E-02	3.19E-03	0.00E+00	0.00E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-02	2.62E-02	2.02E-02	0.00E+00	3.87E-01	1.18E-02	1.35E-03	4.54E-03	5.89E-03	
Vanadium	Baseline	URBN	Adult	8.87E-02	5.59E-05	3.57E-02	1.12E-02	3.79E-03	0.00E+00	0.00E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-02	3.95E-02	3.64E-02	0.00E+00	4.05E-01	5.73E-03	6.27E-04	2.24E-03	2.87E-03	
Vanadium	Application	ABOR	Infant	8.92E-02	7.46E-06	1.89E-02	7.34E-03	1.61E-03	2.01E-04	1.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	1.43E-02	6.51E-03	0.00E+00	1.52E-01	1.85E-02	5.44E-03	3.83E-03	9.27E-03	
Vanadium	Application	ABOR	Toddler	3.57E-01	2.81E-05	1.76E-02	4.65E-02	2.21E-03	2.01E-04	1.05E-02	1.77E-01	9.02E-03	3.73E-02	8.13E-05	1.52E-04	5.42E-02	1.92E-02	1.15E-02	0.00E+00	7.42E-01	4.50E-02	1.08E-02	1.17E-02	2.25E-02	
Vanadium	Application	ABOR	Adolescent	8.92E-02	5.29E-05	3.15E-02	9.79E-02	4.61E-03	2.01E-04	1.05E-02	3.55E-01	1.58E-02	7.60E-02	8.13E-05	4.55E-04	3.91E-02	3.57E-02	3.21E-02	0.00E+00	7.88E-01	1.32E-02	7.47E-04	5.85E-03	6.60E-03	
Vanadium	Application	ABOR	Child	8.92E-02	4.91E-05	2.57E-02	8.81E-02	3.21E-03	2.01E-04	1.05E-02	3.00E-01	1.35E-02	5.47E-02	8.13E-05	3.03E-04	5.81E-02	2.63E-02	2.03E-02	0.00E+00	6.90E-01	2.10E-02	1.36E-03	9.14E-03	1.05E-02	
Vanadium	Application	ABOR	Adult	8.92E-02	5.63E-05	3.59E-02	1.08E-01	3.81E-03	2.01E-04	1.05E-02	3.55E-01	1.80E-02	1.18E-01	1.63E-04	6.06E-04	4.12E-02	3.97E-02	3.67E-02	0.00E+00	8.56E-01	1.21E-02	6.31E-04	5.42E-03	6.06E-03	
Vanadium	Application	URBN	Infant	8.92E-02	7.46E-06	1.89E-02	2.45E-04	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	1.43E-02	6.51E-03	0.00E+00	1.34E-01	1.64E-02	5.44E-03	2.74E-03	8.18E-03	
Vanadium	Application	URBN	Toddler	3.57E-01	2.81E-05	1.76E-02	9.79E-03	2.21E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-02	1.92E-02	1.15E-02	0.00E+00	6.21E-01	3.77E-02	1.08E-02	8.02E-03	1.88E-02	
Vanadium	Application	URBN	Adolescent	8.92E-02	5.29E-05	3.15E-02	1.37E-02	4.61E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-02	3.57E-02	3.21E-02	0.00E+00	3.96E-01	6.63E-03	7.47E-04	2.57E-03	3.32E-03	
Vanadium	Application	URBN	Child	8.92E-02	4.91E-05	2.57E-02	1.69E-02	3.21E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02	2.63E-02	2.03E-02	0.00E+00	3.90E-01	1.18E-02	1.36E-03	4.57E-03	5.92E-03	
Vanadium	Application	URBN	Adult	8.92E-02	5.63E-05	3.59E-02	1.13E-02	3.81E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-02	3.97E-02	3.67E-02	0.00E+00	4.08E-01	5.77E-03	6.31E-04	2.25E-03	2.88E-03	
Vanadium	Cumulative	ABOR	Infant	8.89E-02	7.43E-06	1.88E-02	7.32E-03	1.60E-03	2.00E-04	1.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	1.42E-02	6.49E-03	0.00E+00	1.51E-01	1.85E-02	5.42E-03	3.82E-03	9.24E-03	
Vanadium	Cumulative	ABOR	Toddler	3.56E-01	2.80E-05	1.75E-02	4.63E-02	2.20E-03	2.00E-04	1.05E-02	1.77E-01	8.99E-03	3.72E-02	8.12E-05	1.51E-04	5.42E-02	1.91E-02	1.15E-02	0.00E+00	7.40E-01	4.49E-02	1.08E-02	1.17E-02	2.24E-02	
Vanadium	Cumulative	ABOR	Adolescent	8.89E-02	5.27E-05	3.14E-02	9.76E-02	4.60E-03	2.00E-04	1.05E-02	3.54E-01	1.57E-02	7.60E-02	8.12E-05	4.54E-04	3.91E-02	3.56E-02	3.20E-02	0.00E+00	7.86E-01	1.32E-02	7.44E-04	5.84E-03	6.58E-03	
Vanadium	Cumulative	ABOR	Child	8.89E-02	4.90E-05	2.56E-02	8.78E-02	3.20E-03	2.00E-04	1.05E-02	2.99E-01	1.35E-02	5.47E-02	8.12E-05	3.03E-04	5.80E-02	2.62E-02	2.02E-02	0.00E+00	6.89E-01	2.09E-02	1.35E-03	9.11E-03	1.05E-02	
Vanadium	Cumulative	ABOR	Adult	8.89E-02	5.61E-05	3.58E-02	1.07E-01	3.80E-03	2.00E-04	1.05E-02	3.54E-01	1.80E-02	1.18E-01	1.62E-04	6.06E-04	4.12E-02	3.96E-02	3.65E-02	0.00E+00	8.54E-01	1.21E-02	6.29E-04	5.41E-03	6.04E-03	
Vanadium	Cumulative	URBN	Infant	8.91E-02	7.45E-06	1.89E-02	2.44E-04	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	1.43E-02	6.50E-03	0.00E+00	1.34E-01	1.63E-02	5.43E-03	2.74E-03	8.17E-03	
Vanadium	Cumulative	URBN	Toddler	3.56E-01	2.81E-05	1.75E-02	9.78E-03	2.20E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-02	1.92E-02	1.15E-02	0.00E+00	6.20E-01	3.76E-02	1.08E-02	8.00E-03	1.88E-02	
Vanadium	Cumulative	URBN	Adolescent	8.91E-02	5.28E-05	3.14E-02	1.37E-02	4.61E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-02	3.56E-02	3.21E-02	0.00E+00	3.95E-01	6.62E-03	7.46E-04	2.56E-03	3.31E-03	
Vanadium	Cumulative	URBN	Child	8.91E-02	4.91E-05	2.57E-02	1.69E-02	3.21E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-02	2.63E-02	2.03E-02	0.00E+00	3.89E-01	1.18E-02	1.35E-03	4.56E-03	5.91E-03	
Vanadium	Cumulative	URBN	Adult	8.91E-02	5.62E-05	3.59E-02	1.12E-02	3.81E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-02	3.96E-02	3.66E-02	0.00E+00	4.07E-01	5.76E-03	6.30E-04	2.25E-03	2.88E-03	
Vanadium	Project	ABOR	Infant	2.54E-04	2.12E-08	5.38E-05	2.09E-05	4.57E-06	5.71E-07	2.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-06	4.06E-05	1.85E-05	0.00E+00	4.25E-04	5.19E-05	1.55E-05	1.04E-05	2.59E-05	
Vanadium	Project	ABOR	Toddler	1.02E-03	8.01E-08	5.00E-05	1.32E-04	6.29E-06	5.71E-07	2.99E-05	5.84E-04	2.57E-05	4.26E-04	9.58E-07	1.78E-06	3.71E-05	5.46E-05	3.28E-05	0.00E+00	2.40E-03	1.45E-04	3.08E-05	4.19E-05	7.26E-05	
Vanadium	Project	ABOR	Adolescent	2.54E-04	1.51E-07	8.96E-05	2.79E-04	1.31E-05	5.71E-07	2.99E-05	1.17E-03	4.49E-05	8.69E-0												

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																			RQ Soil	RQ Oral	RQ Total
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total				
					AIR	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Surface Water	Hands	Other	Breast Milk	EDI	EDI				
ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/day	ug/kg/day	Unitless	Unitless	Unitless				
Vanadium	Future	ABOR	Infant	2.35E-04	1.97E-08	4.98E-05	1.94E-05	4.24E-06	5.29E-07	2.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-06	3.76E-05	1.72E-05	0.00E+00	3.93E-04	4.80E-05	1.43E-05	9.64E-06	2.40E-05
Vanadium	Future	ABOR	Toddler	9.41E-04	7.42E-08	4.63E-05	1.23E-04	5.82E-06	5.29E-07	2.77E-05	5.47E-04	2.38E-05	3.57E-04	8.04E-07	1.50E-06	5.47E-04	2.50E-05	5.06E-05	3.04E-05	0.00E+00	2.18E-03	1.32E-04	2.85E-05	3.76E-05	6.61E-05
Vanadium	Future	ABOR	Adolescent	2.35E-04	1.39E-07	8.30E-05	2.58E-04	1.22E-05	5.29E-07	2.77E-05	1.09E-03	4.16E-05	7.29E-04	8.04E-07	4.49E-06	1.80E-05	9.41E-05	8.47E-05	0.00E+00	2.68E-03	4.50E-05	1.97E-06	2.05E-05	2.25E-05	
Vanadium	Future	ABOR	Child	2.35E-04	1.30E-07	6.78E-05	2.32E-04	8.47E-06	5.29E-07	2.77E-05	9.26E-04	3.57E-05	5.25E-04	8.04E-07	2.99E-06	2.68E-05	6.94E-05	5.35E-05	0.00E+00	2.21E-03	6.72E-05	3.58E-06	3.00E-05	3.36E-05	
Vanadium	Future	ABOR	Adult	2.35E-04	1.48E-07	9.48E-05	2.84E-04	1.01E-05	5.29E-07	2.77E-05	1.09E-03	4.76E-05	1.13E-03	1.61E-06	5.98E-06	1.90E-05	1.05E-04	9.67E-05	0.00E+00	3.15E-03	4.46E-05	1.66E-06	2.06E-05	2.23E-05	
Vanadium	Future	URBN	Infant	4.10E-04	3.43E-08	8.68E-05	1.13E-06	7.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.56E-05	2.99E-05	0.00E+00	6.03E-04	7.35E-05	2.50E-05	1.17E-05	3.68E-05	
Vanadium	Future	URBN	Toddler	1.64E-03	1.29E-07	8.08E-05	4.50E-05	1.02E-05	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	8.82E-05	5.29E-05	0.00E+00	2.41E-03	1.46E-04	4.97E-05	2.32E-05	7.29E-05	
Vanadium	Future	URBN	Adolescent	4.10E-04	2.43E-07	1.45E-04	6.30E-05	2.12E-05	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05	1.64E-04	1.48E-04	0.00E+00	1.43E-03	2.40E-05	3.44E-06	8.56E-06	1.20E-05	
Vanadium	Future	URBN	Child	4.10E-04	2.26E-07	1.18E-04	7.77E-05	1.48E-05	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05	1.21E-04	9.33E-05	0.00E+00	1.32E-03	4.03E-05	6.23E-06	1.39E-05	2.01E-05	
Vanadium	Future	URBN	Adult	4.10E-04	2.59E-07	1.65E-04	5.18E-05	1.75E-05	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	1.83E-04	1.69E-04	0.00E+00	1.48E-03	2.09E-05	2.90E-06	7.55E-06	1.05E-05	
Zinc	Baseline	ABOR	Infant	5.91E-01	4.94E-05	4.17E-01	1.62E-01	3.19E+00	3.99E-01	2.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-03	9.45E-02	4.31E-02	0.00E+00	5.13E+00	6.26E-01	2.40E-04	1.85E-03	2.09E-03	
Zinc	Baseline	ABOR	Toddler	2.36E+00	1.86E-04	3.88E-01	1.03E+00	4.39E+00	3.99E-01	2.32E-01	2.19E+01	5.97E-02	5.20E-02	1.18E-02	1.40E-04	1.31E-01	1.27E-01	7.62E-02	0.00E+00	3.11E+01	1.89E+00	4.77E-04	5.81E-03	6.29E-03	
Zinc	Baseline	ABOR	Adolescent	5.91E-01	3.50E-04	6.95E-01	2.16E+00	9.17E+00	3.99E-01	2.32E-01	4.38E+01	1.04E-01	1.18E-02	4.21E-04	8.34E-02	2.36E-01	2.13E-01	0.00E+00	5.78E+01	9.68E-01	3.30E-05	3.19E-03	3.23E-03		
Zinc	Baseline	ABOR	Child	5.91E-01	3.25E-04	5.67E-01	1.95E+00	6.38E+00	3.99E-01	2.32E-01	3.70E+01	8.96E-02	7.64E-02	1.18E-02	2.81E-04	1.36E-01	1.74E-01	1.34E-01	0.00E+00	4.78E+01	1.45E+00	5.98E-05	4.78E-03	4.84E-03	
Zinc	Baseline	ABOR	Adult	5.91E-01	3.73E-04	7.93E-01	2.38E+00	7.57E+00	3.99E-01	2.32E-01	4.38E+01	1.19E-01	1.64E-01	2.35E-02	5.62E-04	8.66E-02	2.63E-01	2.43E-01	0.00E+00	5.66E+01	8.01E-01	2.78E-05	2.64E-03	2.67E-03	
Zinc	Baseline	URBN	Infant	5.91E-01	4.94E-05	4.17E-01	5.40E-03	3.19E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-03	9.45E-02	4.31E-02	0.00E+00	4.35E+00	5.30E-01	2.40E-04	1.53E-03	1.77E-03	
Zinc	Baseline	URBN	Toddler	2.36E+00	1.86E-04	3.88E-01	2.16E-01	4.39E+00	0.00E+00	0.00E+00	1.85E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-01	1.27E-01	7.62E-02	0.00E+00	2.62E+01	1.59E+00	4.77E-04	4.82E-03	5.29E-03	
Zinc	Baseline	URBN	Adolescent	5.91E-01	3.50E-04	6.95E-01	3.03E-01	9.17E+00	0.00E+00	0.00E+00	1.85E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-02	2.36E-01	2.13E-01	0.00E+00	2.98E+01	4.99E-01	3.30E-05	1.63E-03	1.66E-03	
Zinc	Baseline	URBN	Child	5.91E-01	3.25E-04	5.67E-01	3.73E-01	6.38E+00	0.00E+00	0.00E+00	1.85E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-01	1.74E-01	1.34E-01	0.00E+00	2.69E+01	8.17E-01	5.98E-05	2.66E-03	2.72E-03	
Zinc	Baseline	URBN	Adult	5.91E-01	3.73E-04	7.93E-01	2.49E-01	7.58E+00	0.00E+00	0.00E+00	1.85E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-02	2.63E-01	2.43E-01	0.00E+00	2.83E+01	4.01E-01	2.78E-05	1.31E-03	1.34E-03	
Zinc	Application	ABOR	Infant	5.91E-01	4.94E-05	4.17E-01	1.62E-01	3.19E+00	3.99E-01	2.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-03	9.45E-02	4.31E-02	0.00E+00	5.13E+00	6.26E-01	2.40E-04	1.85E-03	2.09E-03	
Zinc	Application	ABOR	Toddler	2.36E+00	1.86E-04	3.88E-01	1.03E+00	4.39E+00	3.99E-01	2.32E-01	2.19E+01	5.97E-02	5.20E-02	1.18E-02	1.41E-04	1.31E-01	1.27E-01	7.62E-02	0.00E+00	3.11E+01	1.89E+00	4.77E-04	5.81E-03	6.29E-03	
Zinc	Application	ABOR	Adolescent	5.91E-01	3.50E-04	6.95E-01	2.16E+00	9.17E+00	3.99E-01	2.32E-01	4.38E+01	1.05E-01	1.06E-01	1.18E-02	4.22E-04	8.35E-02	2.36E-01	2.13E-01	0.00E+00	5.78E+01	9.68E-01	3.30E-05	3.19E-03	3.23E-03	
Zinc	Application	ABOR	Child	5.91E-01	3.26E-04	5.68E-01	1.95E+00	6.38E+00	3.99E-01	2.32E-01	3.70E+01	8.96E-02	7.64E-02	1.18E-02	2.81E-04	1.37E-01	1.74E-01	1.34E-01	0.00E+00	4.78E+01	1.45E+00	5.99E-05	4.78E-03	4.84E-03	
Zinc	Application	ABOR	Adult	5.91E-01	3.73E-04	7.93E-01	2.38E+00	7.58E+00	3.99E-01	2.32E-01	4.38E+01	1.19E-01	1.65E-01	2.35E-02	5.62E-04	8.67E-02	2.63E-01	2.43E-01	0.00E+00	5.66E+01	8.01E-01	2.79E-05	2.64E-03	2.67E-03	
Zinc	Application	URBN	Infant	5.91E-01	4.94E-05	4.17E-01	5.41E-03	3.19E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-03	9.46E-02	4.31E-02	0.00E+00	4.35E+00	5.30E-01	2.40E-04	1.53E-03	1.77E-03	
Zinc	Application	URBN	Toddler	2.36E+00	1.86E-04	3.88E-01	2.16E-01	4.39E+00	0.00E+00	0.00E+00	1.85E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-01	1.27E-01	7.63E-02	0.00E+00	2.62E+01	1.59E+00	4.78E-04	4.82E-03	5.30E-03	
Zinc	Application	URBN	Adolescent	5.91E-01	3.50E-04	6.95E-01	3.03E-01	9.18E+00	0.00E+00	0.00E+00	1.85E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-02	2.36E-01	2.13E-01	0.00E+00	2.98E+01	4.99E-01	3.30E-05	1.63E-03	1.66E-03	
Zinc	Application	URBN	Child	5.91E-01	3.26E-04	5.68E-01	3.73E-01	6.38E+00	0.00E+00	0.00E+00	1.85E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-01	1.74E-01	1.34E-01	0.00E+00	2.69E+01	8.17E-01	5.99E-05	2.66E-03	2.72E-03	
Zinc	Application	URBN	Adult	5.91E-01	3.73E-04	7.94E-01	2.49E-01	7.58E+00	0.00E+00	0.00E+00	1.85E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02	2.63E-01	2.43E-01	0.00E+00	2.83E+01	4.01E-01	2.79E-05	1.31E-03	1.34E-03	
Zinc	Cumulative	ABOR	Infant	5.91E-01	4.94E-05	4.17E-01	1.62E-01	3.19E+00	3.99E-01	2.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-03	9.45E-02	4.31E-02	0.00E+00	5.13E+00	6.26E-01	2.40E-04	1.85E-03	2.09E-03	
Zinc	Cumulative	ABOR	Toddler	2.36E+00	1.86E-04	3.88E-01	1.03E+00	4.39E+00	3.99E-01	2.32E-01	2.19E+01	5.97E-02	5.20E-02	1.18E-02	1.41E-04	1.31E-01	1.27E-01	7.62E-02	0.00E+00	3.11E+01	1.89E+00	4.77E-04	5.81E-03	6.29E-03	
Zinc	Cumulative	ABOR	Adolescent	5.91E-01	3.50E-04	6.95E-01	2.16E+00	9.17E+00	3.99E-01	2.32E-01	4.38E+01	1.05E-01	1.06E-01	1.18E-02	4.22E-04	8.35E-02	2.36E-01	2.13E-01	0.00E+00	5.78E+01	9.68E-01	3.30E-05	3.19E-03	3.23E-03	
Zinc	Cumulative	ABOR	Child	5.91E-01	3.26E-04	5.68E-01	1.95E+00	6.38E+00	3.99E-01	2.32E-01	3.70E+01	8.96E-02	7.64E-02	1.18E-02	2.81E-04	1.37E-01	1.74E-01	1.34E-01	0.00E+00	4.78E+01	1.45E+00	5.99E-05	4.78E-03	4.84E-03	
Zinc	Cumulative	ABOR	Adult	5.91E-01	3.73E-04	7.93E-01	2.38E+00	7.58E+00	3.99E-01	2.32E-01	4.38E+01	1.19E-01	1.65E-01	2.35E-02	5.62E-04	8.67E-02	2.63E-01	2.43E-01	0.00E+00	5.67E+01	8.01E-01	2.79E-05	2.64E-03	2.67E-03	
Zinc	Cumulative	URBN	Infant	5.91E-01	4.94E-05	4.17E-01	5.41E-03	3.19E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-03	9.46E-02	4.31E-02	0.00E+00	4.35E+00	5.30E-01	2.40E-04	1.53E-03	1.77E-03	
Zinc	Cumulative	URBN	Toddler	2.36E+00	1.86E-04	3.88E-01	2.16E-01	4.39E+00	0.00E+00	0.00E+00	1.85E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-01	1.27E-01	7.62E-02	0.00E+00	2.62E+01	1.59E+00	4.78E-04	4.82E-03	5.30E-03	
Zinc	Cumulative	URBN	Adolescent	5.91E-01	3.50E-04	6.95E-01	3.03E-01	9.18E+00	0.00E+00	0.00E+00	1.85E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-02	2.36E-01	2.13E-01	0.00E+00	2.98E+01	5.00E-01	3.30E-05	1.63E-03	1.67E-03	
Zinc	Cumulative	URBN																							



Table B1-1 Summary of Predicted Human Exposures for Each Lifestyle Category, Scenario and Chemical

Chemical	Scenario	Site	Receptor	Estimated Daily Intake																				RQ Soil Unitless	RQ Oral Unitless	RQ Total Unitless
				Soil SIR	Dust	Plant	Berries	Root	WildRoot	WildPlant	Shellfish	Seaweed	Deer	Ruffed_grouse	Snowshoe_hare	Swim: Derm+Ing	Dermal	Dermal	Breast Milk	Total	Total					
				ug/day	AIR ug/day	Plant ug/day	Berries ug/day	Root ug/day	WildRoot ug/day	WildPlant ug/day	Shellfish ug/day	Seaweed ug/day	Deer ug/day	Ruffed_grouse ug/day	Snowshoe_hare ug/day	Surface Water ug/day	Hands ug/day	Other ug/day	Breast Milk ug/day	EDI ug/day	EDI ug/kg/day					
Methyl Mercury	Future	ABOR	Adult	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-06	1.05E-07	0.00E+00	1.05E-06	1.05E-06	
Methyl Mercury	Future	URBN	Adult	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-06	4.45E-08	0.00E+00	4.45E-07	4.45E-07	
Methyl Mercury	Future	ABOR	Child	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-06	1.91E-07	0.00E+00	1.91E-06	1.91E-06	
Methyl Mercury	Future	URBN	Child	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-06	9.57E-08	0.00E+00	9.57E-07	9.57E-07	
Methyl Mercury	Future	ABOR	Infant	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Methyl Mercury	Future	URBN	Infant	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Methyl Mercury	Future	ABOR	Toddler	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-06	2.25E-07	0.00E+00	2.25E-06	2.25E-06	
Methyl Mercury	Future	URBN	Toddler	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-06	1.91E-07	0.00E+00	1.91E-06	1.91E-06	
Methyl Mercury	Project	ABOR	Adolescent	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-06	1.33E-07	0.00E+00	1.33E-06	1.33E-06	
Methyl Mercury	Project	URBN	Adolescent	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-06	5.63E-08	0.00E+00	5.63E-07	5.63E-07	
Methyl Mercury	Project	ABOR	Adult	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-06	1.12E-07	0.00E+00	1.12E-06	1.12E-06	
Methyl Mercury	Project	URBN	Adult	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-06	4.75E-08	0.00E+00	4.75E-07	4.75E-07	
Methyl Mercury	Project	ABOR	Child	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-06	2.04E-07	0.00E+00	2.04E-06	2.04E-06	
Methyl Mercury	Project	URBN	Child	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-06	1.02E-07	0.00E+00	1.02E-06	1.02E-06	
Methyl Mercury	Project	ABOR	Infant	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Methyl Mercury	Project	URBN	Infant	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Methyl Mercury	Project	ABOR	Toddler	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-06	2.41E-07	0.00E+00	2.41E-06	2.41E-06	
Methyl Mercury	Project	URBN	Toddler	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-06	2.04E-07	0.00E+00	2.04E-06	2.04E-06	

Note:  
 A value of zero indicates that exposure pathway or risk quotient not applicable.  
 n/a: Indicates exposure limit not available.

**Table B1-2 Summary of Chemical Concentrations Used to Estimate Exposures in Abiotic Media**

Chemical	Scenario	Site	Soil	Surface Soil	SW Lake	Sediment	Air	Dust	Deposition
			mg/kg	mg/kg	mg/L	mg/kg	ug/m <sup>3</sup>	ug/m <sup>3</sup>	Predicted mg/m <sup>2</sup> /yr
Acenaphthene	Baseline	ABOR	7.29E-11	7.29E-10	6.33E-10	6.65E-11	1.59E-07	5.54E-16	3.86E-05
Acenaphthene	Baseline	URBN	9.43E-11	9.43E-10	6.33E-10	6.65E-11	2.05E-07	7.17E-16	4.99E-05
Acenaphthene	Application	ABOR	1.30E-12	1.30E-11	3.30E-08	1.18E-12	2.04E-05	9.91E-18	8.10E-03
Acenaphthene	Application	URBN	1.71E-12	1.71E-11	3.30E-08	1.18E-12	2.68E-05	1.30E-17	1.06E-02
Acenaphthene	Cumulative	ABOR	2.26E-06	2.26E-05	1.08E-03	2.34E-06	1.83E-01	1.72E-11	7.29E+01
Acenaphthene	Cumulative	URBN	3.79E-06	3.79E-05	1.08E-03	2.34E-06	3.08E-01	2.88E-11	1.22E+02
Acenaphthene	Project	ABOR	1.68E-09	1.68E-08	1.27E-09	1.52E-09	2.44E-07	1.28E-14	7.69E-05
Acenaphthene	Project	URBN	2.17E-09	2.17E-08	1.27E-09	1.52E-09	3.15E-07	1.65E-14	9.94E-05
Acenaphthene	Future	ABOR	7.35E-07	7.35E-06	5.73E-07	9.45E-07	2.53E-04	5.58E-12	1.01E-01
Acenaphthene	Future	URBN	5.69E-06	5.69E-05	5.73E-07	9.45E-07	1.96E-03	4.33E-11	7.80E-01
Acrolein	Baseline	ABOR	8.87E-02	8.87E-01	2.52E-04	8.87E-02	3.00E-04	6.74E-07	3.56E-01
Acrolein	Baseline	URBN	8.87E-02	8.87E-01	2.52E-04	8.87E-02	3.01E-04	6.74E-07	3.56E-01
Acrolein	Application	ABOR	2.96E-01	2.96E+00	1.65E-03	2.96E-01	1.00E-03	2.25E-06	1.19E+00
Acrolein	Application	URBN	2.96E-01	2.96E+00	1.65E-03	2.96E-01	1.00E-03	2.25E-06	1.19E+00
Acrolein	Cumulative	ABOR	1.30E-07	1.30E-06	4.64E-09	1.18E-07	2.64E-07	9.89E-13	1.03E-04
Acrolein	Cumulative	URBN	1.68E-07	1.68E-06	4.64E-09	1.18E-07	3.41E-07	1.28E-12	1.32E-04
Acrolein	Project	ABOR	1.49E-07	1.49E-06	1.31E-09	1.35E-07	5.29E-08	1.13E-12	2.53E-05
Acrolein	Project	URBN	1.93E-07	1.93E-06	1.31E-09	1.35E-07	6.83E-08	1.47E-12	3.27E-05
Acrolein	Future	ABOR	1.90E-08	1.90E-07	8.42E-10	1.72E-08	1.06E-07	1.45E-13	5.06E-05
Acrolein	Future	URBN	2.46E-08	2.46E-07	8.42E-10	1.72E-08	1.36E-07	1.87E-13	6.54E-05
Aliphatic C9-C16	Baseline	ABOR	1.96E-07	1.96E-06	1.61E-09	1.77E-07	5.94E-08	1.49E-12	3.00E-05
Aliphatic C9-C16	Baseline	URBN	2.53E-07	2.53E-06	1.61E-09	1.77E-07	7.68E-08	1.92E-12	3.88E-05
Aliphatic C9-C16	Application	ABOR	4.54E-07	4.54E-06	5.41E-10	4.10E-07	5.29E-08	3.45E-12	2.05E-05
Aliphatic C9-C16	Application	URBN	5.86E-07	5.86E-06	5.41E-10	4.10E-07	6.83E-08	4.46E-12	2.65E-05
Aliphatic C9-C16	Cumulative	ABOR	1.70E-06	1.70E-05	6.69E-09	1.54E-06	5.77E-09	1.30E-11	6.85E-06
Aliphatic C9-C16	Cumulative	URBN	2.20E-06	2.20E-05	6.69E-09	1.54E-06	7.46E-09	1.67E-11	8.84E-06
Aliphatic C9-C16	Project	ABOR	7.90E-11	7.90E-10	2.22E-10	1.20E-10	2.22E-07	6.00E-16	1.34E-04
Aliphatic C9-C16	Project	URBN	1.19E-10	1.19E-09	2.22E-10	1.20E-10	3.65E-07	9.06E-16	2.02E-04
Aliphatic C9-C16	Future	ABOR	2.96E-02	2.96E-01	9.57E-05	2.96E-02	1.00E-04	2.25E-07	1.19E-01
Aliphatic C9-C16	Future	URBN	2.96E-02	2.96E-01	9.57E-05	2.96E-02	1.00E-04	2.25E-07	1.19E-01
Anthracene	Baseline	ABOR	7.40E-02	7.40E-01	2.00E-04	7.40E-02	2.51E-04	5.62E-07	2.97E-01
Anthracene	Baseline	URBN	7.40E-02	7.40E-01	2.00E-04	7.40E-02	2.51E-04	5.63E-07	2.97E-01
Anthracene	Application	ABOR	7.39E-02	7.39E-01	7.35E-04	7.39E-02	2.50E-04	5.62E-07	2.97E-01
Anthracene	Application	URBN	7.39E-02	7.39E-01	7.35E-04	7.39E-02	2.50E-04	5.62E-07	2.97E-01
Anthracene	Cumulative	ABOR	1.20E-07	1.20E-06	9.67E-10	1.08E-07	4.63E-08	9.10E-13	1.80E-05
Anthracene	Cumulative	URBN	1.55E-07	1.55E-06	9.67E-10	1.08E-07	5.98E-08	1.18E-12	2.32E-05
Anthracene	Project	ABOR	2.97E-02	2.97E-01	1.49E-04	2.97E-02	1.01E-04	2.26E-07	1.19E-01
Anthracene	Project	URBN	2.98E-02	2.98E-01	1.49E-04	2.97E-02	1.01E-04	2.27E-07	1.20E-01
Anthracene	Future	ABOR	2.95E-01	2.95E+00	2.94E-03	2.95E-01	1.00E-03	2.24E-06	1.19E+00
Anthracene	Future	URBN	2.95E-01	2.95E+00	2.94E-03	2.95E-01	1.00E-03	2.24E-06	1.19E+00
aromatic C17-C34	Baseline	ABOR	7.87E-09	7.87E-08	2.00E-09	7.12E-09	1.46E-07	5.98E-14	4.60E-05
aromatic C17-C34	Baseline	URBN	1.02E-08	1.02E-07	2.00E-09	7.12E-09	1.88E-07	7.73E-14	5.94E-05
aromatic C17-C34	Application	ABOR	5.94E-10	5.94E-09	4.41E-09	5.37E-10	3.24E-07	4.52E-15	1.02E-04
aromatic C17-C34	Application	URBN	7.68E-10	7.68E-09	4.41E-09	5.37E-10	4.18E-07	5.83E-15	1.32E-04
aromatic C17-C34	Cumulative	ABOR	7.40E-12	7.40E-11	3.91E-07	6.68E-12	8.70E-04	5.62E-17	3.46E-01
aromatic C17-C34	Cumulative	URBN	9.73E-12	9.73E-11	3.91E-07	6.68E-12	1.14E-03	7.39E-17	4.54E-01
aromatic C17-C34	Project	ABOR	2.09E-13	2.09E-12	1.38E-11	1.89E-13	4.23E-10	1.59E-18	1.68E-07
aromatic C17-C34	Project	URBN	2.70E-13	2.70E-12	1.38E-11	1.89E-13	5.46E-10	2.05E-18	2.17E-07
aromatic C17-C34	Future	ABOR	5.00E-07	5.00E-06	3.01E-09	4.52E-07	1.06E-07	3.80E-12	5.33E-05
aromatic C17-C34	Future	URBN	6.46E-07	6.46E-06	3.01E-09	4.52E-07	1.36E-07	4.91E-12	6.89E-05
Arsenic	Baseline	ABOR	1.48E-01	1.48E+00	8.12E-05	1.48E-01	5.02E-04	1.13E-06	5.95E-01
Arsenic	Baseline	URBN	1.48E-01	1.48E+00	8.12E-05	1.48E-01	5.02E-04	1.13E-06	5.96E-01
Arsenic	Application	ABOR	2.95E-01	2.95E+00	2.11E-03	2.95E-01	1.00E-03	2.24E-06	1.19E+00
Arsenic	Application	URBN	2.95E-01	2.95E+00	2.11E-03	2.95E-01	1.00E-03	2.24E-06	1.19E+00
Arsenic	Cumulative	ABOR	1.56E-07	1.56E-06	4.87E-10	1.41E-07	5.29E-10	1.19E-12	6.27E-07
Arsenic	Cumulative	URBN	2.02E-07	2.02E-06	4.87E-10	1.41E-07	6.83E-10	1.53E-12	8.10E-07
Arsenic	Project	ABOR	2.96E-02	2.96E-01	2.94E-04	2.96E-02	1.00E-04	2.25E-07	1.19E-01
Arsenic	Project	URBN	2.96E-02	2.96E-01	2.94E-04	2.96E-02	1.00E-04	2.25E-07	1.19E-01
Arsenic	Future	ABOR	3.12E-06	3.12E-05	1.67E-03	3.12E-06	1.07E-01	2.37E-11	2.60E+01
Arsenic	Future	URBN	3.12E-06	3.12E-05	1.67E-03	3.12E-06	1.07E-01	2.37E-11	2.60E+01
Barium	Baseline	ABOR	1.83E-01	1.83E+00	5.60E-04	1.83E-01	6.21E-04	1.39E-06	7.37E-01
Barium	Baseline	URBN	1.85E-01	1.85E+00	5.60E-04	1.83E-01	6.27E-04	1.41E-06	7.44E-01
Barium	Application	ABOR	3.62E-09	3.62E-08	5.05E-09	3.27E-09	3.70E-07	2.75E-14	1.17E-04
Barium	Application	URBN	4.67E-09	4.67E-08	5.05E-09	3.27E-09	4.78E-07	3.55E-14	1.51E-04
Barium	Cumulative	ABOR	2.43E-11	2.43E-10	1.31E-11	2.20E-11	5.29E-10	1.85E-16	2.10E-07
Barium	Cumulative	URBN	3.14E-11	3.14E-10	1.31E-11	2.20E-11	6.83E-10	2.38E-16	2.71E-07
Barium	Project	ABOR	3.09E-08	3.09E-07	4.39E-09	2.80E-08	2.58E-07	2.35E-13	1.00E-04
Barium	Project	URBN	4.00E-08	4.00E-07	4.39E-09	2.80E-08	3.33E-07	3.04E-13	1.29E-04
Barium	Future	ABOR	5.91E-02	5.91E-01	5.88E-04	5.91E-02	2.00E-04	4.49E-07	2.37E-01
Barium	Future	URBN	5.91E-02	5.91E-01	5.88E-04	5.91E-02	2.00E-04	4.49E-07	2.37E-01
Benzo(a)anthracene	Baseline	ABOR	7.39E-02	7.39E-01	7.35E-04	7.38E-02	2.50E-04	5.61E-07	2.97E-01
Benzo(a)anthracene	Baseline	URBN	7.39E-02	7.39E-01	7.35E-04	7.38E-02	2.50E-04	5.61E-07	2.97E-01
Benzo(a)anthracene	Application	ABOR	4.43E-01	4.43E+00	3.76E-03	4.43E-01	1.50E-03	3.37E-06	1.78E+00

**Table B1-2 Summary of Chemical Concentrations Used to Estimate Exposures in Abiotic Media**

Chemical	Scenario	Site	Soil	Surface Soil	SW Lake	Sediment	Air	Dust	Deposition
			mg/kg	mg/kg	mg/L	mg/kg	ug/m <sup>3</sup>	ug/m <sup>3</sup>	Predicted mg/m <sup>2</sup> /yr
Benzo(a)anthracene	Application	URBN	4.43E-01	4.43E+00	3.76E-03	4.43E-01	1.50E-03	3.37E-06	1.78E+00
Benzo(a)anthracene	Cumulative	ABOR	2.95E+00	2.95E+01	9.55E-03	2.95E+00	1.00E-02	2.24E-05	1.19E+01
Benzo(a)anthracene	Cumulative	URBN	2.95E+00	2.95E+01	9.55E-03	2.95E+00	1.00E-02	2.24E-05	1.19E+01
Benzo(a)anthracene	Project	ABOR	3.23E-10	3.23E-09	1.79E-09	3.72E-10	7.04E-07	2.46E-15	1.71E-04
Benzo(a)anthracene	Project	URBN	5.42E-10	5.42E-09	1.79E-09	3.72E-10	1.18E-06	4.12E-15	2.87E-04
Benzo(a)anthracene	Future	ABOR	3.03E-10	3.03E-09	1.42E-09	3.54E-10	6.60E-07	2.30E-15	1.60E-04
Benzo(a)anthracene	Future	URBN	5.14E-10	5.14E-09	1.42E-09	3.54E-10	1.12E-06	3.90E-15	2.72E-04
Benzo(a)pyrene	Baseline	ABOR	2.62E-10	2.62E-09	1.16E-09	3.06E-10	5.71E-07	1.99E-15	1.39E-04
Benzo(a)pyrene	Baseline	URBN	4.46E-10	4.46E-09	1.16E-09	3.06E-10	9.72E-07	3.39E-15	2.36E-04
Benzo(a)pyrene	Application	ABOR	2.44E-10	2.44E-09	7.85E-10	2.87E-10	5.30E-07	1.85E-15	1.29E-04
Benzo(a)pyrene	Application	URBN	4.19E-10	4.19E-09	7.85E-10	2.87E-10	9.13E-07	3.19E-15	2.22E-04
Benzo(a)pyrene	Cumulative	ABOR	8.64E-12	8.64E-11	1.58E-07	8.58E-12	1.35E-04	6.57E-17	5.37E-02
Benzo(a)pyrene	Cumulative	URBN	1.27E-11	1.27E-10	1.58E-07	8.58E-12	1.99E-04	9.68E-17	7.91E-02
Benzo(a)pyrene	Project	ABOR	8.71E-12	8.71E-11	1.61E-07	8.63E-12	1.36E-04	6.62E-17	5.41E-02
Benzo(a)pyrene	Project	URBN	1.28E-11	1.28E-10	1.61E-07	8.63E-12	2.00E-04	9.74E-17	7.96E-02
Benzo(a)pyrene	Future	ABOR	7.36E-12	7.36E-11	1.25E-07	7.42E-12	1.15E-04	5.59E-17	4.57E-02
Benzo(a)pyrene	Future	URBN	1.11E-11	1.11E-10	1.25E-07	7.42E-12	1.73E-04	8.40E-17	6.86E-02
Benzo(b)fluoranthene	Baseline	ABOR	7.41E-12	7.41E-11	1.28E-07	7.45E-12	1.16E-04	5.63E-17	4.60E-02
Benzo(b)fluoranthene	Baseline	URBN	1.11E-11	1.11E-10	1.28E-07	7.45E-12	1.73E-04	8.44E-17	6.89E-02
Benzo(b)fluoranthene	Application	ABOR	2.39E-06	2.39E-05	1.08E-03	2.56E-06	1.94E-01	1.81E-11	7.71E+01
Benzo(b)fluoranthene	Application	URBN	3.96E-06	3.96E-05	1.08E-03	2.56E-06	3.22E-01	3.01E-11	1.28E+02
Benzo(b)fluoranthene	Cumulative	ABOR	2.39E-06	2.39E-05	1.08E-03	2.56E-06	1.94E-01	1.82E-11	7.73E+01
Benzo(b)fluoranthene	Cumulative	URBN	3.96E-06	3.96E-05	1.08E-03	2.56E-06	3.22E-01	3.01E-11	1.28E+02
Benzo(b)fluoranthene	Project	ABOR	1.47E-07	1.47E-06	0.00E+00	2.37E-07	1.19E-02	1.11E-12	4.74E+00
Benzo(b)fluoranthene	Project	URBN	2.19E-07	2.19E-06	0.00E+00	2.37E-07	1.78E-02	1.66E-12	7.06E+00
Benzo(b)fluoranthene	Future	ABOR	1.36E-07	1.36E-06	0.00E+00	2.21E-07	1.10E-02	1.03E-12	4.38E+00
Benzo(b)fluoranthene	Future	URBN	2.02E-07	2.02E-06	0.00E+00	2.21E-07	1.64E-02	1.53E-12	6.52E+00
Benzo(g,h,i)perylene	Baseline	ABOR	7.44E-09	7.44E-08	3.59E-09	8.34E-09	1.08E-06	5.66E-14	3.41E-04
Benzo(g,h,i)perylene	Baseline	URBN	1.23E-08	1.23E-07	3.59E-09	8.34E-09	1.79E-06	9.38E-14	5.65E-04
Benzo(g,h,i)perylene	Application	ABOR	6.86E-09	6.86E-08	2.84E-09	7.94E-09	9.95E-07	5.21E-14	3.14E-04
Benzo(g,h,i)perylene	Application	URBN	1.17E-08	1.17E-07	2.84E-09	7.94E-09	1.70E-06	8.93E-14	5.38E-04
Benzo(g,h,i)perylene	Cumulative	ABOR	5.93E-09	5.93E-08	2.33E-09	6.85E-09	8.60E-07	4.51E-14	2.71E-04
Benzo(g,h,i)perylene	Cumulative	URBN	1.02E-08	1.02E-07	2.33E-09	6.85E-09	1.48E-06	7.75E-14	4.67E-04
Benzo(g,h,i)perylene	Project	ABOR	5.49E-09	5.49E-08	1.57E-09	6.42E-09	7.97E-07	4.17E-14	2.51E-04
Benzo(g,h,i)perylene	Project	URBN	9.58E-09	9.58E-08	1.57E-09	6.42E-09	1.39E-06	7.28E-14	4.38E-04
Benzo(g,h,i)perylene	Future	ABOR	7.42E-07	7.42E-06	5.96E-07	9.54E-07	2.56E-04	5.64E-12	1.02E-01
Benzo(g,h,i)perylene	Future	URBN	5.71E-06	5.71E-05	5.96E-07	9.54E-07	1.97E-03	4.34E-11	7.83E-01
Benzo(k)fluoranthene	Baseline	ABOR	7.41E-07	7.41E-06	5.89E-07	9.54E-07	2.56E-04	5.64E-12	1.02E-01
Benzo(k)fluoranthene	Baseline	URBN	5.70E-06	5.70E-05	5.89E-07	9.54E-07	1.97E-03	4.33E-11	7.81E-01
Benzo(k)fluoranthene	Application	ABOR	7.48E-09	7.48E-08	2.31E-08	8.64E-09	2.58E-06	5.69E-14	1.03E-03
Benzo(k)fluoranthene	Application	URBN	1.29E-08	1.29E-07	2.31E-08	8.64E-09	4.44E-06	9.78E-14	1.76E-03
Benzo(k)fluoranthene	Cumulative	ABOR	6.93E-09	6.93E-08	1.55E-08	8.10E-09	2.39E-06	5.27E-14	9.50E-04
Benzo(k)fluoranthene	Cumulative	URBN	1.21E-08	1.21E-07	1.55E-08	8.10E-09	4.17E-06	9.18E-14	1.66E-03
Benzo(k)fluoranthene	Project	ABOR	8.92E-02	8.92E-01	2.53E-04	8.92E-02	3.02E-04	6.78E-07	3.58E-01
Benzo(k)fluoranthene	Project	URBN	8.95E-02	8.95E-01	2.53E-04	8.92E-02	3.03E-04	6.80E-07	3.59E-01
Benzo(k)fluoranthene	Future	ABOR	8.91E-02	8.91E-01	2.53E-04	8.92E-02	3.02E-04	6.77E-07	3.58E-01
Benzo(k)fluoranthene	Future	URBN	8.95E-02	8.95E-01	2.53E-04	8.92E-02	3.03E-04	6.80E-07	3.59E-01
Beryllium	Baseline	ABOR	4.45E-04	4.45E-03	9.08E-07	5.14E-04	1.51E-06	3.38E-09	1.79E-03
Beryllium	Baseline	URBN	7.65E-04	7.65E-03	9.08E-07	5.14E-04	2.59E-06	5.82E-09	3.07E-03
Beryllium	Application	ABOR	4.12E-04	4.12E-03	6.12E-07	4.82E-04	1.40E-06	3.13E-09	1.66E-03
Beryllium	Application	URBN	7.19E-04	7.19E-03	6.12E-07	4.82E-04	2.43E-06	5.46E-09	2.89E-03
Beryllium	Cumulative	ABOR	2.98E-01	2.98E+00	1.67E-03	2.98E-01	1.01E-03	2.27E-06	1.20E+00
Beryllium	Cumulative	URBN	2.98E-01	2.98E+00	1.67E-03	2.98E-01	1.01E-03	2.27E-06	1.20E+00
Beryllium	Project	ABOR	2.97E-01	2.97E+00	1.67E-03	2.97E-01	1.00E-03	2.25E-06	1.19E+00
Beryllium	Project	URBN	2.98E-01	2.98E+00	1.67E-03	2.97E-01	1.01E-03	2.26E-06	1.20E+00
Beryllium	Future	ABOR	1.22E-03	1.22E-02	2.50E-06	1.42E-03	4.15E-06	9.31E-09	4.92E-03
Beryllium	Future	URBN	2.11E-03	2.11E-02	2.50E-06	1.42E-03	7.13E-06	1.60E-08	8.46E-03
Biphenyl	Baseline	ABOR	1.13E-03	1.13E-02	1.69E-06	1.33E-03	6.33E-06	8.62E-09	4.56E-03
Biphenyl	Baseline	URBN	1.98E-03	1.98E-02	1.69E-06	1.33E-03	6.70E-06	1.50E-08	7.95E-03
Biphenyl	Application	ABOR	5.76E-07	5.76E-06	1.36E-08	6.50E-07	1.17E-06	4.38E-12	4.54E-04
Biphenyl	Application	URBN	9.55E-07	9.55E-06	1.36E-08	6.50E-07	1.94E-06	7.26E-12	7.53E-04
Biphenyl	Cumulative	ABOR	5.31E-07	5.31E-06	1.10E-08	6.15E-07	1.08E-06	4.04E-12	4.19E-04
Biphenyl	Cumulative	URBN	9.10E-07	9.09E-06	1.10E-08	6.15E-07	1.85E-06	6.91E-12	7.17E-04
Biphenyl	Project	ABOR	4.59E-07	4.59E-06	9.12E-09	5.30E-07	9.32E-07	3.49E-12	3.62E-04
Biphenyl	Project	URBN	7.89E-07	7.89E-06	9.12E-09	5.30E-07	1.60E-06	6.00E-12	6.22E-04
Biphenyl	Future	ABOR	4.25E-07	4.25E-06	6.33E-09	4.97E-07	8.64E-07	3.23E-12	3.35E-04
Biphenyl	Future	URBN	7.41E-07	7.41E-06	6.33E-09	4.97E-07	1.51E-06	5.63E-12	5.84E-04
Cadmium	Baseline	ABOR	6.61E-07	6.61E-06	4.21E-09	7.43E-07	2.34E-07	5.02E-12	1.12E-04
Cadmium	Baseline	URBN	1.10E-06	1.10E-05	4.21E-09	7.43E-07	3.89E-07	8.35E-12	1.87E-04
Cadmium	Application	ABOR	6.09E-07	6.09E-06	3.53E-09	7.05E-07	2.16E-07	4.63E-12	1.03E-04
Cadmium	Application	URBN	1.04E-06	1.04E-05	3.53E-09	7.05E-07	3.69E-07	7.93E-12	1.77E-04
Cadmium	Cumulative	ABOR	5.27E-07	5.27E-06	3.02E-09	6.08E-07	1.86E-07	4.00E-12	8.94E-05
Cadmium	Cumulative	URBN	9.06E-07	9.06E-06	3.02E-09	6.08E-07	3.21E-07	6.88E-12	1.54E-04

**Table B1-2 Summary of Chemical Concentrations Used to Estimate Exposures in Abiotic Media**

Chemical	Scenario	Site	Soil	Surface Soil	SW Lake	Sediment	Air	Dust	Deposition
			mg/kg	mg/kg	mg/L	mg/kg	ug/m <sup>3</sup>	ug/m <sup>3</sup>	Predicted mg/m <sup>2</sup> /yr
Cadmium	Project	ABOR	4.88E-07	4.88E-06	2.22E-09	5.70E-07	1.73E-07	3.71E-12	8.28E-05
Cadmium	Project	URBN	8.50E-07	8.50E-06	2.22E-09	5.70E-07	3.01E-07	6.46E-12	1.44E-04
Cadmium	Future	ABOR	8.42E-08	8.42E-07	2.41E-09	9.48E-08	4.67E-07	6.40E-13	2.24E-04
Cadmium	Future	URBN	1.40E-07	1.40E-06	2.41E-09	9.48E-08	7.77E-07	1.06E-12	3.73E-04
Chromium (Cr3+)	Baseline	ABOR	7.77E-08	7.77E-07	1.91E-09	8.99E-08	4.31E-07	5.90E-13	2.07E-04
Chromium (Cr3+)	Baseline	URBN	1.33E-07	1.33E-06	1.91E-09	8.99E-08	7.38E-07	1.01E-12	3.54E-04
Chromium (Cr3+)	Application	ABOR	6.71E-08	6.71E-07	1.57E-09	7.76E-08	3.73E-07	5.10E-13	1.79E-04
Chromium (Cr3+)	Application	URBN	1.15E-07	1.15E-06	1.57E-09	7.76E-08	6.41E-07	8.77E-13	3.07E-04
Chromium (Cr3+)	Cumulative	ABOR	6.22E-08	6.22E-07	1.07E-09	7.27E-08	3.45E-07	4.73E-13	1.65E-04
Chromium (Cr3+)	Cumulative	URBN	1.08E-07	1.08E-06	1.07E-09	7.27E-08	6.02E-07	8.24E-13	2.89E-04
Chromium (Cr3+)	Project	ABOR	8.66E-07	8.66E-06	5.26E-09	9.75E-07	2.63E-07	6.58E-12	1.33E-04
Chromium (Cr3+)	Project	URBN	1.44E-06	1.44E-05	5.26E-09	9.75E-07	4.37E-07	1.09E-11	2.21E-04
Chromium (Cr3+)	Future	ABOR	7.99E-07	7.99E-06	4.46E-09	9.25E-07	2.43E-07	6.07E-12	1.22E-04
Chromium (Cr3+)	Future	URBN	1.37E-06	1.37E-05	4.46E-09	9.25E-07	4.15E-07	1.04E-11	2.10E-04
Chromium (Cr6+)	Baseline	ABOR	6.91E-07	6.91E-06	3.83E-09	7.98E-07	2.10E-07	5.25E-12	1.06E-04
Chromium (Cr6+)	Baseline	URBN	1.19E-06	1.19E-05	3.83E-09	7.98E-07	3.61E-07	9.03E-12	1.82E-04
Chromium (Cr6+)	Application	ABOR	6.40E-07	6.40E-06	2.85E-09	7.48E-07	1.94E-07	4.86E-12	9.80E-05
Chromium (Cr6+)	Application	URBN	1.12E-06	1.12E-05	2.85E-09	7.48E-07	3.39E-07	8.48E-12	1.71E-04
Chromium (Cr6+)	Cumulative	ABOR	2.01E-06	2.01E-05	2.05E-09	2.26E-06	2.34E-07	1.53E-11	9.08E-05
Chromium (Cr6+)	Cumulative	URBN	3.34E-06	3.34E-05	2.05E-09	2.26E-06	3.89E-07	2.54E-11	1.51E-04
Chromium (Cr6+)	Project	ABOR	1.85E-06	1.85E-05	1.85E-09	2.14E-06	2.16E-07	1.41E-11	8.37E-05
Chromium (Cr6+)	Project	URBN	3.17E-06	3.17E-05	1.85E-09	2.14E-06	3.69E-07	2.41E-11	1.43E-04
Chromium (Cr6+)	Future	ABOR	1.60E-06	1.60E-05	1.64E-09	1.85E-06	1.86E-07	1.22E-11	7.24E-05
Chromium (Cr6+)	Future	URBN	2.75E-06	2.75E-05	1.64E-09	1.85E-06	3.21E-07	2.09E-11	1.24E-04
Chrysene	Baseline	ABOR	1.48E-06	1.48E-05	1.30E-09	1.73E-06	1.73E-07	1.13E-11	6.70E-05
Chrysene	Baseline	URBN	2.59E-06	2.59E-05	1.30E-09	1.73E-06	3.01E-07	1.97E-11	1.17E-04
Chrysene	Application	ABOR	7.53E-06	7.53E-05	1.90E-08	8.47E-06	2.55E-08	5.72E-11	3.02E-05
Chrysene	Application	URBN	1.25E-05	1.25E-04	1.90E-08	8.47E-06	4.25E-08	9.54E-11	5.04E-05
Chrysene	Cumulative	ABOR	6.95E-06	6.95E-05	1.50E-08	8.05E-06	2.36E-08	5.29E-11	2.79E-05
Chrysene	Cumulative	URBN	1.19E-05	1.19E-04	1.50E-08	8.05E-06	4.03E-08	9.05E-11	4.78E-05
Chrysene	Project	ABOR	6.01E-06	6.01E-05	1.23E-08	6.95E-06	2.04E-08	4.57E-11	2.41E-05
Chrysene	Project	URBN	1.03E-05	1.03E-04	1.23E-08	6.95E-06	3.50E-08	7.86E-11	4.15E-05
Chrysene	Future	ABOR	5.57E-06	5.57E-05	8.27E-09	6.51E-06	1.89E-08	4.23E-11	2.24E-05
Chrysene	Future	URBN	9.71E-06	9.71E-05	8.27E-09	6.51E-06	3.29E-08	7.38E-11	3.90E-05
Cobalt	Baseline	ABOR	9.90E-10	9.90E-09	5.84E-10	1.55E-09	3.03E-06	7.53E-15	1.68E-03
Cobalt	Baseline	URBN	1.50E-09	1.50E-08	5.84E-10	1.55E-09	4.58E-06	1.14E-14	2.54E-03
Cobalt	Application	ABOR	9.91E-10	9.91E-09	5.84E-10	1.55E-09	3.03E-06	7.53E-15	1.68E-03
Cobalt	Application	URBN	1.50E-09	1.50E-08	5.84E-10	1.55E-09	4.58E-06	1.14E-14	2.54E-03
Cobalt	Cumulative	ABOR	9.00E-10	9.00E-09	5.02E-10	1.41E-09	2.75E-06	6.84E-15	1.53E-03
Cobalt	Cumulative	URBN	1.36E-09	1.36E-08	5.02E-10	1.41E-09	4.16E-06	1.03E-14	2.31E-03
Cobalt	Project	ABOR	9.12E-10	9.12E-09	3.62E-10	1.43E-09	2.79E-06	6.93E-15	1.55E-03
Cobalt	Project	URBN	1.38E-09	1.38E-08	3.62E-10	1.43E-09	4.22E-06	1.05E-14	2.34E-03
Cobalt	Future	ABOR	2.98E-02	2.98E-01	9.66E-05	2.98E-02	1.01E-04	2.27E-07	1.20E-01
Cobalt	Future	URBN	2.98E-02	2.98E-01	9.66E-05	2.98E-02	1.01E-04	2.27E-07	1.20E-01
Copper	Baseline	ABOR	2.97E-02	2.97E-01	9.67E-05	2.98E-02	1.01E-04	2.26E-07	1.19E-01
Copper	Baseline	URBN	2.99E-02	2.99E-01	9.67E-05	2.98E-02	1.01E-04	2.27E-07	1.20E-01
Copper	Application	ABOR	1.69E-04	1.69E-03	3.44E-07	1.95E-04	5.71E-07	1.28E-09	6.77E-04
Copper	Application	URBN	2.90E-04	2.90E-03	3.44E-07	1.95E-04	9.82E-07	2.20E-09	1.16E-03
Copper	Cumulative	ABOR	1.56E-04	1.56E-03	2.32E-07	1.82E-04	5.29E-07	1.19E-09	6.27E-04
Copper	Cumulative	URBN	2.72E-04	2.72E-03	2.32E-07	1.82E-04	9.22E-07	2.07E-09	1.09E-03
Copper	Project	ABOR	7.44E-02	7.44E-01	2.02E-04	7.47E-02	2.52E-04	5.66E-07	2.99E-01
Copper	Project	URBN	7.50E-02	7.50E-01	2.02E-04	7.47E-02	2.54E-04	5.70E-07	3.01E-01
Copper	Future	ABOR	7.45E-02	7.45E-01	2.01E-04	7.46E-02	2.52E-04	5.66E-07	2.99E-01
Copper	Future	URBN	7.50E-02	7.50E-01	2.01E-04	7.46E-02	2.54E-04	5.70E-07	3.01E-01
Fluoranthene	Baseline	ABOR	5.71E-04	5.71E-03	1.17E-06	6.60E-04	1.93E-06	4.34E-09	2.29E-03
Fluoranthene	Baseline	URBN	9.82E-04	9.82E-03	1.17E-06	6.60E-04	3.32E-06	7.46E-09	3.94E-03
Fluoranthene	Application	ABOR	5.29E-04	5.29E-03	7.86E-07	6.18E-04	1.79E-06	4.02E-09	2.12E-03
Fluoranthene	Application	URBN	9.22E-04	9.22E-03	7.86E-07	6.18E-04	3.12E-06	7.01E-09	3.70E-03
Fluoranthene	Cumulative	ABOR	7.41E-02	7.41E-01	7.35E-04	7.41E-02	2.51E-04	5.63E-07	2.98E-01
Fluoranthene	Cumulative	URBN	7.44E-02	7.44E-01	7.35E-04	7.41E-02	2.52E-04	5.66E-07	2.99E-01
Fluoranthene	Project	ABOR	7.41E-02	7.41E-01	7.35E-04	7.41E-02	2.51E-04	5.63E-07	2.98E-01
Fluoranthene	Project	URBN	7.43E-02	7.43E-01	7.35E-04	7.41E-02	2.52E-04	5.65E-07	2.98E-01
Fluoranthene	Future	ABOR	2.33E-04	2.33E-03	4.75E-07	2.69E-04	7.88E-07	1.77E-09	9.34E-04
Fluoranthene	Future	URBN	4.00E-04	4.00E-03	4.75E-07	2.69E-04	1.35E-06	3.04E-09	1.61E-03
Fluorene	Baseline	ABOR	2.16E-04	2.16E-03	3.20E-07	2.52E-04	7.30E-07	1.64E-09	8.65E-04
Fluorene	Baseline	URBN	3.76E-04	3.76E-03	3.20E-07	2.52E-04	1.27E-06	2.86E-09	1.51E-03
Fluorene	Application	ABOR	5.30E-07	5.30E-06	3.17E-09	5.98E-07	2.05E-07	4.03E-12	7.95E-05
Fluorene	Application	URBN	8.82E-07	8.82E-06	3.17E-09	5.98E-07	3.41E-07	6.70E-12	1.32E-04
Fluorene	Cumulative	ABOR	4.89E-07	4.89E-06	2.69E-09	5.65E-07	1.89E-07	3.71E-12	7.33E-05
Fluorene	Cumulative	URBN	8.37E-07	8.37E-06	2.69E-09	5.65E-07	3.23E-07	6.36E-12	1.26E-04
Fluorene	Project	ABOR	4.22E-07	4.22E-06	2.31E-09	4.88E-07	1.63E-07	3.21E-12	6.33E-05
Fluorene	Project	URBN	7.26E-07	7.26E-06	2.31E-09	4.88E-07	2.81E-07	5.52E-12	1.09E-04
Fluorene	Future	ABOR	3.91E-07	3.91E-06	1.72E-09	4.57E-07	1.51E-07	2.97E-12	5.87E-05

**Table B1-2 Summary of Chemical Concentrations Used to Estimate Exposures in Abiotic Media**

Chemical	Scenario	Site	Soil	Surface Soil	SW Lake	Sediment	Air	Dust	Deposition
			mg/kg	mg/kg	mg/L	mg/kg	ug/m <sup>3</sup>	ug/m <sup>3</sup>	Predicted mg/m <sup>2</sup> /yr
Fluorene	Future	URBN	6.82E-07	6.82E-06	1.72E-09	4.57E-07	2.64E-07	5.18E-12	1.02E-04
Formaldehyde	Baseline	ABOR	3.04E-02	3.04E-01	1.58E-04	3.07E-02	1.03E-04	2.31E-07	1.22E-01
Formaldehyde	Baseline	URBN	3.10E-02	3.10E-01	1.58E-04	3.07E-02	1.05E-04	2.36E-07	1.25E-01
Formaldehyde	Application	ABOR	3.04E-02	3.04E-01	1.58E-04	3.06E-02	1.03E-04	2.31E-07	1.22E-01
Formaldehyde	Application	URBN	3.11E-02	3.11E-01	1.58E-04	3.06E-02	1.05E-04	2.36E-07	1.25E-01
Formaldehyde	Cumulative	ABOR	7.69E-04	7.69E-03	1.57E-06	8.88E-04	2.60E-06	5.84E-09	3.09E-03
Formaldehyde	Cumulative	URBN	1.32E-03	1.32E-02	1.57E-06	8.88E-04	4.48E-06	1.00E-08	5.31E-03
Formaldehyde	Project	ABOR	7.12E-04	7.12E-03	1.06E-06	8.32E-04	2.41E-06	5.41E-09	2.86E-03
Formaldehyde	Project	URBN	1.24E-03	1.24E-02	1.06E-06	8.32E-04	4.20E-06	9.44E-09	4.99E-03
Formaldehyde	Future	ABOR	2.95E-01	2.95E+00	2.94E-03	2.95E-01	1.00E-03	2.24E-06	1.19E+00
Formaldehyde	Future	URBN	2.95E-01	2.95E+00	2.94E-03	2.95E-01	1.00E-03	2.24E-06	1.19E+00
Hexachlorobenzene	Baseline	ABOR	2.95E-01	2.95E+00	2.94E-03	2.95E-01	1.00E-03	2.25E-06	1.19E+00
Hexachlorobenzene	Baseline	URBN	2.96E-01	2.96E+00	2.94E-03	2.95E-01	1.00E-03	2.25E-06	1.19E+00
Hexachlorobenzene	Application	ABOR	1.16E-04	1.16E-03	2.36E-07	1.34E-04	3.92E-07	8.80E-10	4.65E-04
Hexachlorobenzene	Application	URBN	1.99E-04	1.99E-03	2.36E-07	1.34E-04	6.74E-07	1.51E-09	7.99E-04
Hexachlorobenzene	Cumulative	ABOR	1.07E-04	1.07E-03	1.59E-07	1.25E-04	3.63E-07	8.15E-10	4.31E-04
Hexachlorobenzene	Cumulative	URBN	1.87E-04	1.87E-03	1.59E-07	1.25E-04	6.33E-07	1.42E-09	7.51E-04
Hexachlorobenzene	Project	ABOR	3.48E-08	3.48E-07	5.74E-09	3.92E-08	6.44E-07	2.65E-13	2.03E-04
Hexachlorobenzene	Project	URBN	5.78E-08	5.78E-07	5.74E-09	3.92E-08	1.07E-06	4.39E-13	3.38E-04
Hexachlorobenzene	Future	ABOR	3.21E-08	3.21E-07	4.55E-09	3.72E-08	5.94E-07	2.44E-13	1.87E-04
Hexachlorobenzene	Future	URBN	5.50E-08	5.50E-07	4.55E-09	3.72E-08	1.02E-06	4.18E-13	3.21E-04
Indeno(1,2,3,c,d)pyrene	Baseline	ABOR	2.78E-08	2.78E-07	3.74E-09	3.21E-08	5.14E-07	2.11E-13	1.62E-04
Indeno(1,2,3,c,d)pyrene	Baseline	URBN	4.77E-08	4.77E-07	3.74E-09	3.21E-08	8.84E-07	3.63E-13	2.79E-04
Indeno(1,2,3,c,d)pyrene	Application	ABOR	2.57E-08	2.57E-07	2.54E-09	3.01E-08	4.76E-07	1.95E-13	1.50E-04
Indeno(1,2,3,c,d)pyrene	Application	URBN	4.48E-08	4.48E-07	2.54E-09	3.01E-08	8.30E-07	3.41E-13	2.62E-04
Indeno(1,2,3,c,d)pyrene	Cumulative	ABOR	2.63E-09	2.63E-08	1.25E-08	2.96E-09	1.43E-06	2.00E-14	4.51E-04
Indeno(1,2,3,c,d)pyrene	Cumulative	URBN	4.37E-09	4.37E-08	1.25E-08	2.96E-09	2.38E-06	3.32E-14	7.51E-04
Indeno(1,2,3,c,d)pyrene	Project	ABOR	2.43E-09	2.43E-08	9.88E-09	2.81E-09	1.32E-06	1.84E-14	4.17E-04
Indeno(1,2,3,c,d)pyrene	Project	URBN	4.15E-09	4.15E-08	9.88E-09	2.81E-09	2.26E-06	3.16E-14	7.14E-04
Indeno(1,2,3,c,d)pyrene	Future	ABOR	2.10E-09	2.10E-08	8.10E-09	2.42E-09	1.14E-06	1.59E-14	3.60E-04
Indeno(1,2,3,c,d)pyrene	Future	URBN	3.61E-09	3.61E-08	8.10E-09	2.42E-09	1.96E-06	2.74E-14	6.19E-04
Lead	Baseline	ABOR	1.94E-09	1.94E-08	5.47E-09	2.27E-09	1.06E-06	1.48E-14	3.34E-04
Lead	Baseline	URBN	3.39E-09	3.39E-08	5.47E-09	2.27E-09	1.84E-06	2.57E-14	5.82E-04
Lead	Application	ABOR	4.92E-11	4.92E-10	1.87E-06	4.88E-11	5.78E-03	3.74E-16	2.30E+00
Lead	Application	URBN	7.25E-11	7.25E-10	1.87E-06	4.88E-11	8.52E-03	5.51E-16	3.39E+00
Lead	Cumulative	ABOR	4.94E-11	4.94E-10	1.91E-06	4.89E-11	5.81E-03	3.76E-16	2.31E+00
Lead	Cumulative	URBN	7.27E-11	7.27E-10	1.91E-06	4.89E-11	8.55E-03	5.53E-16	3.40E+00
Lead	Project	ABOR	4.18E-11	4.18E-10	1.48E-06	4.21E-11	4.91E-03	3.17E-16	1.95E+00
Lead	Project	URBN	6.27E-11	6.27E-10	1.48E-06	4.21E-11	7.37E-03	4.77E-16	2.93E+00
Lead	Future	ABOR	4.20E-11	4.20E-10	1.52E-06	4.23E-11	4.94E-03	3.19E-16	1.96E+00
Lead	Future	URBN	6.30E-11	6.30E-10	1.52E-06	4.23E-11	7.40E-03	4.79E-16	2.94E+00
Manganese	Baseline	ABOR	9.24E-13	9.24E-12	3.91E-11	1.04E-12	1.87E-09	7.02E-18	7.43E-07
Manganese	Baseline	URBN	1.54E-12	1.54E-11	3.91E-11	1.04E-12	3.11E-09	1.17E-17	1.24E-06
Manganese	Application	ABOR	8.53E-13	8.53E-12	3.08E-11	9.87E-13	1.73E-09	6.48E-18	6.86E-07
Manganese	Application	URBN	1.46E-12	1.46E-11	3.08E-11	9.87E-13	2.96E-09	1.11E-17	1.17E-06
Manganese	Cumulative	ABOR	7.37E-13	7.37E-12	2.53E-11	8.52E-13	1.49E-09	5.60E-18	5.93E-07
Manganese	Cumulative	URBN	1.27E-12	1.27E-11	2.53E-11	8.52E-13	2.57E-09	9.63E-18	1.02E-06
Manganese	Project	ABOR	6.83E-13	6.83E-12	1.70E-11	7.98E-13	1.38E-09	5.19E-18	5.49E-07
Manganese	Project	URBN	1.19E-12	1.19E-11	1.70E-11	7.98E-13	2.41E-09	9.05E-18	9.58E-07
Manganese	Future	ABOR	2.21E-06	2.21E-05	1.01E-08	2.49E-06	4.67E-07	1.68E-11	2.36E-04
Manganese	Future	URBN	3.68E-06	3.68E-05	1.01E-08	2.49E-06	7.77E-07	2.80E-11	3.92E-04
Mercury	Baseline	ABOR	2.04E-06	2.04E-05	8.66E-09	2.36E-06	4.31E-07	1.55E-11	2.18E-04
Mercury	Baseline	URBN	3.50E-06	3.50E-05	8.66E-09	2.36E-06	7.38E-07	2.66E-11	3.73E-04
Mercury	Application	ABOR	1.76E-06	1.76E-05	7.50E-09	2.04E-06	3.73E-07	1.34E-11	1.88E-04
Mercury	Application	URBN	3.03E-06	3.03E-05	7.50E-09	2.04E-06	6.41E-07	2.31E-11	3.23E-04
Mercury	Cumulative	ABOR	1.63E-06	1.63E-05	5.65E-09	1.91E-06	3.45E-07	1.24E-11	1.74E-04
Mercury	Cumulative	URBN	2.85E-06	2.85E-05	5.65E-09	1.91E-06	6.02E-07	2.17E-11	3.04E-04
Mercury	Project	ABOR	1.50E-01	1.50E+00	8.23E-05	1.50E-01	5.07E-04	1.14E-06	6.01E-01
Mercury	Project	URBN	1.51E-01	1.51E+00	8.23E-05	1.50E-01	5.12E-04	1.15E-06	6.07E-01
Mercury	Future	ABOR	1.50E-01	1.50E+00	8.22E-05	1.50E-01	5.07E-04	1.14E-06	6.01E-01
Mercury	Future	URBN	1.51E-01	1.51E+00	8.22E-05	1.50E-01	5.12E-04	1.15E-06	6.07E-01
Methyl Mercury	Application	ABOR	1.76E-03	1.76E-02	7.28E-07	2.04E-03	5.97E-06	1.34E-08	7.09E-03
Methyl Mercury	Application	URBN	3.03E-03	3.03E-02	7.28E-07	2.04E-03	1.03E-05	2.31E-08	1.22E-02
Methyl Mercury	Baseline	ABOR	1.63E-03	1.63E-02	4.91E-07	1.91E-03	5.54E-06	1.24E-08	6.56E-03
Methyl Mercury	Baseline	URBN	2.85E-03	2.85E-02	4.91E-07	1.91E-03	9.65E-06	2.17E-08	1.14E-02
Methyl Mercury	Cumulative	ABOR	2.95E-01	2.95E+00	2.11E-03	2.95E-01	1.00E-03	2.24E-06	1.19E+00
Methyl Mercury	Cumulative	URBN	2.95E-01	2.95E+00	2.11E-03	2.95E-01	1.00E-03	2.24E-06	1.19E+00
Methyl Mercury	Future	ABOR	2.95E-01	2.95E+00	2.11E-03	2.95E-01	1.00E-03	2.25E-06	1.19E+00
Methyl Mercury	Future	URBN	2.96E-01	2.96E+00	2.11E-03	2.95E-01	1.00E-03	2.25E-06	1.19E+00
Methyl Mercury	Project	ABOR	1.29E-04	1.29E-03	2.64E-07	1.49E-04	4.38E-07	9.82E-10	5.19E-04
Methyl Mercury	Project	URBN	2.22E-04	2.22E-03	2.64E-07	1.49E-04	7.53E-07	1.69E-09	8.93E-04
Molybdenum	Baseline	ABOR	1.20E-04	1.20E-03	1.78E-07	1.40E-04	4.05E-07	9.10E-10	4.81E-04
Molybdenum	Baseline	URBN	2.09E-04	2.09E-03	1.78E-07	1.40E-04	7.07E-07	1.59E-09	8.38E-04



**Table B1-2 Summary of Chemical Concentrations Used to Estimate Exposures in Abiotic Media**

Chemical	Scenario	Site	Soil	Surface Soil	SW Lake	Sediment	Air	Dust	Deposition
			mg/kg	mg/kg	mg/L	mg/kg	ug/m <sup>3</sup>	ug/m <sup>3</sup>	Predicted mg/m <sup>2</sup> /yr
Molybdenum	Application	ABOR	6.91E-07	6.91E-06	1.74E-09	7.77E-07	2.34E-09	5.25E-12	2.77E-06
Molybdenum	Application	URBN	1.15E-06	1.15E-05	1.74E-09	7.77E-07	3.89E-09	8.73E-12	4.61E-06
Molybdenum	Cumulative	ABOR	6.37E-07	6.37E-06	1.37E-09	7.37E-07	2.16E-09	4.84E-12	2.56E-06
Molybdenum	Cumulative	URBN	1.09E-06	1.09E-05	1.37E-09	7.37E-07	3.69E-09	8.29E-12	4.38E-06
Molybdenum	Project	ABOR	5.51E-07	5.51E-06	1.12E-09	6.36E-07	1.86E-09	4.18E-12	2.21E-06
Molybdenum	Project	URBN	9.47E-07	9.47E-06	1.12E-09	6.36E-07	3.21E-09	7.20E-12	3.80E-06
Molybdenum	Future	ABOR	5.10E-07	5.10E-06	7.58E-10	5.96E-07	1.73E-09	3.88E-12	2.05E-06
Molybdenum	Future	URBN	8.89E-07	8.89E-06	7.58E-10	5.96E-07	3.01E-09	6.76E-12	3.57E-06
Naphthalene	Baseline	ABOR	2.95E-02	2.95E-01	2.94E-04	2.98E-02	1.00E-04	2.24E-07	1.19E-01
Naphthalene	Baseline	URBN	2.98E-02	2.98E-01	2.94E-04	2.98E-02	1.01E-04	2.27E-07	1.20E-01
Naphthalene	Application	ABOR	2.97E-02	2.97E-01	2.94E-04	2.97E-02	1.00E-04	2.25E-07	1.19E-01
Naphthalene	Application	URBN	2.98E-02	2.98E-01	2.94E-04	2.97E-02	1.01E-04	2.26E-07	1.19E-01
Naphthalene	Cumulative	ABOR	1.13E-04	1.13E-03	2.32E-07	1.31E-04	3.84E-07	8.63E-10	4.56E-04
Naphthalene	Cumulative	URBN	1.95E-04	1.95E-03	2.32E-07	1.31E-04	6.61E-07	1.48E-09	7.84E-04
Naphthalene	Project	ABOR	1.05E-04	1.05E-03	1.56E-07	1.23E-04	3.56E-07	7.99E-10	4.22E-04
Naphthalene	Project	URBN	1.83E-04	1.83E-03	1.56E-07	1.23E-04	6.21E-07	1.39E-09	7.36E-04
Naphthalene	Future	ABOR	3.13E-06	3.13E-05	1.68E-03	3.13E-06	1.07E-01	2.38E-11	2.60E+01
Naphthalene	Future	URBN	3.13E-06	3.13E-05	1.68E-03	3.13E-06	1.07E-01	2.38E-11	2.60E+01
Nickel	Baseline	ABOR	3.12E-06	3.12E-05	1.67E-03	3.12E-06	1.07E-01	2.37E-11	2.60E+01
Nickel	Baseline	URBN	3.13E-06	3.13E-05	1.67E-03	3.12E-06	1.07E-01	2.38E-11	2.60E+01
Nickel	Application	ABOR	9.81E-10	9.81E-09	1.07E-07	1.14E-09	3.36E-05	7.46E-15	8.16E-03
Nickel	Application	URBN	1.68E-09	1.68E-08	1.07E-07	1.14E-09	5.73E-05	1.27E-14	1.39E-02
Nickel	Cumulative	ABOR	9.10E-10	9.10E-09	7.20E-08	1.07E-09	3.11E-05	6.92E-15	7.57E-03
Nickel	Cumulative	URBN	1.57E-09	1.57E-08	7.20E-08	1.07E-09	5.38E-05	1.20E-14	1.31E-02
Nickel	Project	ABOR	2.05E-01	2.05E+00	6.53E-04	2.08E-01	6.94E-04	1.56E-06	8.23E-01
Nickel	Project	URBN	2.23E-01	2.23E+00	6.53E-04	2.08E-01	7.56E-04	1.70E-06	8.97E-01
Nickel	Future	ABOR	2.03E-01	2.03E+00	6.48E-04	2.07E-01	6.87E-04	1.54E-06	8.14E-01
Nickel	Future	URBN	2.21E-01	2.21E+00	6.48E-04	2.07E-01	7.48E-04	1.68E-06	8.88E-01
Phenanthrene	Baseline	ABOR	2.21E-02	2.21E-01	4.51E-05	2.56E-02	7.49E-05	1.68E-07	8.88E-02
Phenanthrene	Baseline	URBN	3.80E-02	3.80E-01	4.51E-05	2.56E-02	1.29E-04	2.89E-07	1.53E-01
Phenanthrene	Application	ABOR	2.05E-02	2.05E-01	3.04E-05	2.39E-02	6.94E-05	1.56E-07	8.23E-02
Phenanthrene	Application	URBN	3.57E-02	3.57E-01	3.04E-05	2.39E-02	1.21E-04	2.71E-07	1.43E-01
Phenanthrene	Cumulative	ABOR	1.60E-08	1.60E-07	1.44E-08	1.80E-08	1.64E-06	1.22E-13	5.17E-04
Phenanthrene	Cumulative	URBN	2.66E-08	2.66E-07	1.44E-08	1.80E-08	2.72E-06	2.02E-13	8.58E-04
Phenanthrene	Project	ABOR	1.48E-08	1.48E-07	1.13E-08	1.71E-08	1.51E-06	1.12E-13	4.76E-04
Phenanthrene	Project	URBN	2.53E-08	2.53E-07	1.13E-08	1.71E-08	2.59E-06	1.92E-13	8.16E-04
Phenanthrene	Future	ABOR	1.28E-08	1.28E-07	9.32E-09	1.47E-08	1.31E-06	9.70E-14	4.12E-04
Phenanthrene	Future	URBN	2.19E-08	2.19E-07	9.32E-09	1.47E-08	2.24E-06	1.67E-13	7.08E-04
Polychlorinated Biphenyls	Baseline	ABOR	1.18E-08	1.18E-07	6.29E-09	1.38E-08	1.21E-06	8.99E-14	3.82E-04
Polychlorinated Biphenyls	Baseline	URBN	2.06E-08	2.06E-07	6.29E-09	1.38E-08	2.11E-06	1.57E-13	6.65E-04
Polychlorinated Biphenyls	Application	ABOR	1.08E-10	1.08E-09	3.72E-11	1.21E-10	2.34E-09	8.17E-16	9.30E-07
Polychlorinated Biphenyls	Application	URBN	1.79E-10	1.79E-09	3.72E-11	1.21E-10	3.89E-09	1.36E-15	1.55E-06
Polychlorinated Biphenyls	Cumulative	ABOR	9.91E-11	9.91E-10	2.94E-11	1.15E-10	2.16E-09	7.53E-16	8.57E-07
Polychlorinated Biphenyls	Cumulative	URBN	1.70E-10	1.70E-09	2.94E-11	1.15E-10	3.69E-09	1.29E-15	1.47E-06
Polychlorinated Biphenyls	Project	ABOR	8.57E-11	8.57E-10	2.41E-11	9.90E-11	1.86E-09	6.51E-16	7.41E-07
Polychlorinated Biphenyls	Project	URBN	1.47E-10	1.47E-09	2.41E-11	9.90E-11	3.21E-09	1.12E-15	1.27E-06
Polychlorinated Biphenyls	Future	ABOR	7.94E-11	7.94E-10	1.62E-11	9.28E-11	1.73E-09	6.03E-16	6.87E-07
Polychlorinated Biphenyls	Future	URBN	1.38E-10	1.38E-09	1.62E-11	9.28E-11	3.01E-09	1.05E-15	1.20E-06
Pyrene	Baseline	ABOR	1.37E-07	1.37E-06	1.26E-08	1.54E-07	1.14E-06	1.04E-12	4.42E-04
Pyrene	Baseline	URBN	2.28E-07	2.28E-06	1.26E-08	1.54E-07	1.90E-06	1.73E-12	7.37E-04
Pyrene	Application	ABOR	1.26E-07	1.26E-06	1.00E-08	1.46E-07	1.05E-06	9.59E-13	4.08E-04
Pyrene	Application	URBN	2.16E-07	2.16E-06	1.00E-08	1.46E-07	1.80E-06	1.64E-12	6.99E-04
Pyrene	Cumulative	ABOR	1.09E-07	1.09E-06	8.24E-09	1.26E-07	9.10E-07	8.29E-13	3.53E-04
Pyrene	Cumulative	URBN	1.88E-07	1.88E-06	8.24E-09	1.26E-07	1.56E-06	1.43E-12	6.07E-04
Pyrene	Project	ABOR	1.01E-07	1.01E-06	5.62E-09	1.18E-07	8.43E-07	7.68E-13	3.27E-04
Pyrene	Project	URBN	1.76E-07	1.76E-06	5.62E-09	1.18E-07	1.47E-06	1.34E-12	5.70E-04
Pyrene	Future	ABOR	5.91E-02	5.91E-01	5.88E-04	5.94E-02	2.00E-04	4.49E-07	2.37E-01
Pyrene	Future	URBN	5.94E-02	5.94E-01	5.88E-04	5.94E-02	2.01E-04	4.51E-07	2.38E-01
Selenium	Baseline	ABOR	5.92E-02	5.92E-01	5.88E-04	5.92E-02	2.00E-04	4.50E-07	2.38E-01
Selenium	Baseline	URBN	5.93E-02	5.93E-01	5.88E-04	5.92E-02	2.01E-04	4.51E-07	2.38E-01
Selenium	Application	ABOR	1.16E-04	1.16E-03	2.36E-07	1.34E-04	3.92E-07	8.80E-10	4.65E-04
Selenium	Application	URBN	1.99E-04	1.99E-03	2.36E-07	1.34E-04	6.74E-07	1.51E-09	7.99E-04
Selenium	Cumulative	ABOR	1.07E-04	1.07E-03	1.59E-07	1.25E-04	3.63E-07	8.15E-10	4.31E-04
Selenium	Cumulative	URBN	1.87E-04	1.87E-03	1.59E-07	1.25E-04	6.33E-07	1.42E-09	7.51E-04
Selenium	Project	ABOR	7.38E-02	7.38E-01	7.35E-04	7.41E-02	2.50E-04	5.61E-07	2.96E-01
Selenium	Project	URBN	7.41E-02	7.41E-01	7.35E-04	7.41E-02	2.51E-04	5.63E-07	2.98E-01
Selenium	Future	ABOR	7.40E-02	7.40E-01	7.35E-04	7.40E-02	2.50E-04	5.62E-07	2.97E-01
Selenium	Future	URBN	7.40E-02	7.40E-01	7.35E-04	7.40E-02	2.51E-04	5.63E-07	2.97E-01
Strontium	Baseline	ABOR	1.16E-04	1.16E-03	2.36E-07	1.34E-04	3.92E-07	8.80E-10	4.65E-04
Strontium	Baseline	URBN	1.99E-04	1.99E-03	2.36E-07	1.34E-04	6.74E-07	1.51E-09	7.99E-04
Strontium	Application	ABOR	1.07E-04	1.07E-03	1.59E-07	1.25E-04	3.63E-07	8.15E-10	4.31E-04
Strontium	Application	URBN	1.87E-04	1.87E-03	1.59E-07	1.25E-04	6.33E-07	1.42E-09	7.51E-04
Strontium	Cumulative	ABOR	4.46E-01	4.46E+00	3.79E-03	4.46E-01	1.51E-03	3.39E-06	1.79E+00

**Table B1-2 Summary of Chemical Concentrations Used to Estimate Exposures in Abiotic Media**

Chemical	Scenario	Site	Soil	Surface Soil	SW Lake	Sediment	Air	Dust	Deposition
			mg/kg	mg/kg	mg/L	mg/kg	ug/m <sup>3</sup>	ug/m <sup>3</sup>	Predicted mg/m <sup>2</sup> /yr
Strontium	Cumulative	URBN	4.46E-01	4.46E+00	3.79E-03	4.46E-01	1.51E-03	3.39E-06	1.79E+00
Strontium	Project	ABOR	4.44E-01	4.44E+00	3.79E-03	4.45E-01	1.50E-03	3.38E-06	1.78E+00
Strontium	Project	URBN	4.45E-01	4.45E+00	3.79E-03	4.45E-01	1.51E-03	3.39E-06	1.79E+00
Strontium	Future	ABOR	1.27E-03	1.27E-02	2.59E-06	1.47E-03	4.30E-06	9.65E-09	5.10E-03
Strontium	Future	URBN	2.18E-03	2.18E-02	2.59E-06	1.47E-03	7.40E-06	1.66E-08	8.77E-03
Vanadium	Baseline	ABOR	1.18E-03	1.18E-02	1.75E-06	1.37E-03	3.98E-06	8.94E-09	4.72E-03
Vanadium	Baseline	URBN	2.05E-03	2.05E-02	1.75E-06	1.37E-03	6.95E-06	1.56E-08	8.24E-03
Vanadium	Application	ABOR	2.95E+00	2.95E+01	9.56E-03	2.95E+00	1.00E-02	2.25E-05	1.19E+01
Vanadium	Application	URBN	2.96E+00	2.96E+01	9.56E-03	2.95E+00	1.00E-02	2.25E-05	1.19E+01
Vanadium	Cumulative	ABOR	2.95E+00	2.95E+01	9.56E-03	2.95E+00	1.00E-02	2.25E-05	1.19E+01
Vanadium	Cumulative	URBN	2.96E+00	2.96E+01	9.56E-03	2.95E+00	1.00E-02	2.25E-05	1.19E+01
Vanadium	Project	ABOR	1.27E-03	1.27E-02	2.59E-06	1.47E-03	4.30E-06	9.65E-09	5.10E-03
Vanadium	Project	URBN	2.18E-03	2.18E-02	2.59E-06	1.47E-03	7.40E-06	1.66E-08	8.77E-03
Vanadium	Future	ABOR	1.18E-03	1.18E-02	1.75E-06	1.37E-03	3.98E-06	8.94E-09	4.72E-03
Vanadium	Future	URBN	2.05E-03	2.05E-02	1.75E-06	1.37E-03	6.95E-06	1.56E-08	8.24E-03
Zinc	Baseline	ABOR	1.38E-08	0.00E+00	3.47E-11	7.77E-07	2.34E-09	0.00E+00	0.00E+00
Zinc	Baseline	URBN	2.30E-08	0.00E+00	3.47E-11	7.77E-07	3.89E-09	0.00E+00	0.00E+00
Zinc	Application	ABOR	3.12E-09	0.00E+00	9.74E-12	1.41E-07	5.29E-10	0.00E+00	0.00E+00
Zinc	Application	URBN	4.03E-09	0.00E+00	9.74E-12	1.41E-07	6.83E-10	0.00E+00	0.00E+00
Zinc	Cumulative	ABOR	1.27E-08	0.00E+00	2.74E-11	7.37E-07	2.16E-09	0.00E+00	0.00E+00
Zinc	Cumulative	URBN	2.18E-08	0.00E+00	2.74E-11	7.37E-07	3.69E-09	0.00E+00	0.00E+00
Zinc	Project	ABOR	1.02E-08	0.00E+00	1.52E-11	5.96E-07	1.73E-09	0.00E+00	0.00E+00
Zinc	Project	URBN	1.78E-08	0.00E+00	1.52E-11	5.96E-07	3.01E-09	0.00E+00	0.00E+00
Zinc	Future	ABOR	1.10E-08	0.00E+00	2.25E-11	6.36E-07	1.86E-09	0.00E+00	0.00E+00
Zinc	Future	URBN	1.89E-08	0.00E+00	2.25E-11	6.36E-07	3.21E-09	0.00E+00	0.00E+00

NOTES:  
 Adjusted for chemical apportionment (i.e., inorganic arsenic).

Table B1-3 Summary of Chemical Concentrations Used to Estimate Exposures in Biotic Media

Chemical	Scenario	Site	Environmental Concentrations																			
			Plant Deposition	Plant Air	Plant Soil	Plant SUM	Berries Deposition	Berries Air	Berries Soil	Berries SUM	Root Soil	WildRoot Soil	WildPlant Deposition	WildPlant Air	WildPlant Soil	WildPlant SUM	Shellfish Marine	Seaweed Deposition	Wild Game ERA	Deer ERA	Ruffed grouse ERA	Snowshoe hare ERA
			mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww
Acenaphthene	Baseline	ABOR	0.00E+00	8.71E-11	2.30E-12	8.94E-11	0.00E+00	8.71E-11	2.14E-12	8.92E-11	1.06E-10	1.06E-10	0.00E+00	8.71E-11	2.30E-12	8.94E-11	4.72E-11	1.13E-10	3.60E-11	3.60E-11	6.10E-12	2.61E-12
Acenaphthene	Baseline	URBN	0.00E+00	1.13E-10	2.97E-12	1.16E-10	0.00E+00	1.13E-10	2.77E-12	1.15E-10	1.37E-10	1.37E-10	0.00E+00	1.13E-10	2.97E-12	1.16E-10	4.72E-11	1.13E-10	3.60E-11	3.60E-11	6.10E-12	2.61E-12
Acrolein	Baseline	ABOR	0.00E+00	1.10E-12	1.65E-12	2.75E-12	0.00E+00	1.10E-12	1.54E-12	2.64E-12	2.56E-10	2.56E-10	0.00E+00	1.10E-12	1.65E-12	2.75E-12	1.18E-12	1.10E-12	8.97E-12	8.97E-12	8.78E-13	5.96E-13
Acrolein	Baseline	URBN	0.00E+00	1.44E-12	2.17E-12	3.61E-12	0.00E+00	1.44E-12	2.02E-12	3.47E-12	3.36E-10	3.36E-10	0.00E+00	1.44E-12	2.17E-12	3.61E-12	1.18E-12	1.44E-12	8.97E-12	8.97E-12	8.78E-13	5.96E-13
Aliphatic C9-C16	Baseline	ABOR	0.00E+00	2.84E-07	6.28E-09	2.90E-07	0.00E+00	2.84E-07	5.86E-09	2.89E-07	2.45E-07	2.45E-07	0.00E+00	2.84E-07	6.28E-09	2.90E-07	1.41E-06	2.84E-07	3.10E-06	3.10E-06	5.42E-07	2.15E-07
Aliphatic C9-C16	Baseline	URBN	0.00E+00	4.76E-07	1.05E-08	4.87E-07	0.00E+00	4.76E-07	9.95E-09	4.86E-07	4.11E-07	4.11E-07	0.00E+00	4.76E-07	1.05E-08	4.87E-07	1.41E-06	4.76E-07	3.10E-06	3.10E-06	5.42E-07	2.15E-07
Anthracene	Baseline	ABOR	0.00E+00	1.62E-11	2.62E-11	4.24E-11	0.00E+00	1.62E-11	2.44E-11	4.06E-11	1.97E-09	1.97E-09	0.00E+00	1.62E-11	2.62E-11	4.24E-11	1.03E-09	1.62E-11	1.70E-12	1.70E-12	2.82E-13	1.91E-13
Anthracene	Baseline	URBN	0.00E+00	2.10E-11	3.38E-11	5.47E-11	0.00E+00	2.10E-11	3.15E-11	5.25E-11	2.55E-09	2.55E-09	0.00E+00	2.10E-11	3.38E-11	5.47E-11	1.03E-09	2.10E-11	1.70E-12	1.70E-12	2.82E-13	1.91E-13
aromatic C17-C34	Baseline	ABOR	7.32E-05	4.59E-06	2.34E-08	7.79E-05	6.84E-05	4.59E-06	2.19E-08	7.30E-05	1.17E-07	1.17E-07	7.32E-05	4.59E-06	2.34E-08	7.79E-05	6.72E-07	7.78E-05	4.70E-05	4.70E-05	8.04E-06	6.10E-06
aromatic C17-C34	Baseline	URBN	5.68E-04	3.56E-05	1.82E-07	6.03E-04	5.30E-04	3.56E-05	1.70E-07	5.66E-04	9.10E-07	9.10E-07	5.68E-04	3.56E-05	1.82E-07	6.03E-04	6.72E-07	6.03E-04	4.70E-05	4.70E-05	8.04E-06	6.10E-06
Arsenic	Baseline	ABOR	3.50E-04	0.00E+00	6.57E-05	4.15E-04	3.26E-04	0.00E+00	6.13E-05	3.88E-04	8.30E-05	8.30E-05	3.50E-04	0.00E+00	6.57E-05	4.15E-04	5.85E-04	2.73E-04	9.73E-06	9.73E-06	8.39E-07	1.65E-06
Arsenic	Baseline	URBN	3.50E-04	0.00E+00	6.57E-05	4.16E-04	3.27E-04	0.00E+00	6.13E-05	3.88E-04	8.31E-05	8.31E-05	3.50E-04	0.00E+00	6.57E-05	4.16E-04	5.85E-04	2.73E-04	9.73E-06	9.73E-06	8.39E-07	1.65E-06
Barium	Baseline	ABOR	1.49E-03	0.00E+00	4.43E-04	1.94E-03	1.39E-03	0.00E+00	4.14E-04	1.81E-03	6.65E-04	6.65E-04	1.49E-03	0.00E+00	4.43E-04	1.94E-03	2.66E-01	1.49E-03	4.00E-05	4.00E-05	3.69E-06	7.21E-06
Barium	Baseline	URBN	1.49E-03	0.00E+00	4.44E-04	1.94E-03	1.40E-03	0.00E+00	4.14E-04	1.81E-03	6.65E-04	6.65E-04	1.49E-03	0.00E+00	4.44E-04	1.94E-03	2.66E-01	1.49E-03	4.00E-05	4.00E-05	3.69E-06	7.21E-06
Benzo(a)anthracene	Baseline	ABOR	5.29E-08	1.01E-09	3.54E-10	5.42E-08	4.93E-08	1.01E-09	3.31E-10	5.07E-08	1.56E-07	1.56E-07	5.29E-08	1.01E-09	3.54E-10	5.42E-08	7.11E-08	5.39E-08	1.01E-09	1.01E-09	1.76E-10	1.33E-10
Benzo(a)anthracene	Baseline	URBN	6.83E-08	1.31E-09	4.57E-10	7.00E-08	6.37E-08	1.31E-09	4.27E-10	6.55E-08	2.01E-07	2.01E-07	6.83E-08	1.31E-09	4.57E-10	7.00E-08	7.11E-08	6.98E-08	1.01E-09	1.01E-09	1.76E-10	1.33E-10
Benzo(a)pyrene	Baseline	ABOR	1.94E-08	7.91E-09	2.48E-10	2.76E-08	1.81E-08	7.91E-09	2.32E-10	2.63E-08	8.68E-08	8.68E-08	1.94E-08	7.91E-09	2.48E-10	2.76E-08	7.89E-08	2.73E-08	7.94E-10	7.94E-10	1.40E-10	1.05E-10
Benzo(a)pyrene	Baseline	URBN	2.51E-08	1.02E-08	3.21E-10	3.56E-08	2.34E-08	1.02E-08	2.99E-10	3.39E-08	1.12E-07	1.12E-07	2.51E-08	1.02E-08	3.21E-10	3.56E-08	7.89E-08	3.53E-08	7.94E-10	7.94E-10	1.40E-10	1.05E-10
Benzo(b)fluoranthene	Baseline	ABOR	0.00E+00	1.55E-08	5.04E-11	1.56E-08	0.00E+00	1.55E-08	4.71E-11	1.56E-08	5.93E-09	5.93E-09	0.00E+00	1.55E-08	5.04E-11	1.56E-08	1.04E-08	1.55E-08	1.02E-09	1.02E-09	1.74E-10	1.32E-10
Benzo(b)fluoranthene	Baseline	URBN	0.00E+00	2.00E-08	6.51E-11	2.01E-08	0.00E+00	2.00E-08	6.08E-11	2.01E-08	7.66E-09	7.66E-09	0.00E+00	2.00E-08	6.51E-11	2.01E-08	1.04E-08	2.00E-08	1.02E-09	1.02E-09	1.74E-10	1.32E-10
Benzo(g,h,i)perylene	Baseline	ABOR	2.33E-08	4.18E-08	1.67E-10	6.53E-08	2.17E-08	4.18E-08	1.56E-10	6.37E-08	8.71E-07	8.71E-07	2.33E-08	4.18E-08	1.67E-10	6.53E-08	9.91E-08	6.51E-08	2.31E-09	2.31E-09	4.00E-10	3.02E-10
Benzo(g,h,i)perylene	Baseline	URBN	3.01E-08	5.40E-08	2.16E-10	8.43E-08	2.81E-08	5.40E-08	2.02E-10	8.23E-08	1.12E-06	1.12E-06	3.01E-08	5.40E-08	2.16E-10	8.43E-08	9.91E-08	8.41E-08	2.31E-09	2.31E-09	4.00E-10	3.02E-10
Benzo(k)fluoranthene	Baseline	ABOR	1.48E-08	5.89E-09	7.75E-10	2.15E-08	1.38E-08	5.89E-09	7.24E-10	2.04E-08	2.54E-07	2.54E-07	1.48E-08	5.89E-09	7.75E-10	2.15E-08	2.40E-07	2.07E-08	6.16E-10	6.16E-10	1.20E-10	8.55E-11
Benzo(k)fluoranthene	Baseline	URBN	1.91E-08	7.61E-09	1.00E-09	2.77E-08	1.78E-08	7.61E-09	9.35E-10	2.64E-08	3.28E-07	3.28E-07	1.91E-08	7.61E-09	1.00E-09	2.77E-08	2.40E-07	2.67E-08	6.16E-10	6.16E-10	1.20E-10	8.55E-11
Beryllium	Baseline	ABOR	8.62E-09	0.00E+00	6.60E-10	9.28E-09	8.04E-09	0.00E+00	6.16E-10	8.66E-09	3.83E-10	3.83E-10	8.62E-09	0.00E+00	6.60E-10	9.28E-09	1.39E-06	8.62E-09	3.54E-09	3.54E-09	3.97E-10	7.25E-10
Beryllium	Baseline	URBN	1.11E-08	0.00E+00	8.52E-10	1.20E-08	1.04E-08	0.00E+00	7.95E-10	1.12E-08	4.95E-10	4.95E-10	1.11E-08	0.00E+00	8.52E-10	1.20E-08	1.39E-06	1.11E-08	3.54E-09	3.54E-09	3.97E-10	7.25E-10
Biphenyl	Baseline	ABOR	1.07E-07	2.83E-11	2.24E-12	1.07E-07	1.00E-07	2.83E-11	2.09E-12	1.00E-07	9.35E-11	9.35E-11	1.07E-07	2.83E-11	2.24E-12	1.07E-07	8.44E-11	1.69E-09	1.69E-09	2.88E-10	2.19E-10	
Biphenyl	Baseline	URBN	1.62E-07	4.27E-11	3.38E-12	1.62E-07	1.51E-07	4.27E-11	3.15E-12	1.51E-07	1.41E-10	1.41E-10	1.62E-07	4.27E-11	3.38E-12	1.62E-07	8.44E-11	1.62E-07	1.69E-09	1.69E-09	2.88E-10	2.19E-10
Cadmium	Baseline	ABOR	1.50E-04	0.00E+00	5.55E-04	7.04E-04	1.40E-04	0.00E+00	5.18E-04	6.57E-04	2.84E-04	2.84E-04	1.50E-04	0.00E+00	5.55E-04	7.04E-04	1.01E-01	1.50E-04	1.02E-03	1.45E-05	1.02E-03	1.92E-06
Cadmium	Baseline	URBN	1.50E-04	0.00E+00	5.55E-04	7.04E-04	1.40E-04	0.00E+00	5.18E-04	6.57E-04	2.84E-04	2.84E-04	1.50E-04	0.00E+00	5.55E-04	7.04E-04	1.01E-01	1.50E-04	1.02E-03	1.45E-05	1.02E-03	1.92E-06
Chromium (Cr3+)	Baseline	ABOR	3.74E-04	0.00E+00	5.42E-05	4.28E-04	3.49E-04	0.00E+00	5.05E-05	4.00E-04	4.99E-05	4.99E-05	3.74E-04	0.00E+00	5.42E-05	4.28E-04	2.88E-02	3.74E-04	2.97E-04	2.97E-04	3.32E-05	5.82E-05
Chromium (Cr3+)	Baseline	URBN	3.74E-04	0.00E+00	5.42E-05	4.28E-04	3.49E-04	0.00E+00	5.06E-05	4.00E-04	5.00E-05	5.00E-05	3.74E-04	0.00E+00	5.42E-05	4.28E-04	2.88E-02	3.74E-04	2.97E-04	2.97E-04	3.32E-05	5.82E-05
Chromium (Cr6+)	Baseline	ABOR	3.73E-04	0.00E+00	5.41E-05	4.28E-04	3.49E-04	0.00E+00	5.05E-05	3.99E-04	4.99E-05	4.99E-05	3.73E-04	0.00E+00	5.41E-05	4.28E-04	2.88E-02	3.73E-04	3.05E-04	3.05E-04	3.32E-05	5.83E-05
Chromium (Cr6+)	Baseline	URBN	3.74E-04	0.00E+00	5.41E-05	4.28E-04	3.49E-04	0.00E+00	5.05E-05	3.99E-04	4.99E-05	4.99E-05	3.74E-04	0.00E+00	5.41E-05	4.28E-04	2.88E-02	3.74E-04	3.05E-04	3.05E-04	3.32E-05	5.83E-05
Chrysene	Baseline	ABOR	4.63E-09	6.90E-10	3.05E-10	5.62E-09	4.32E-09	6.90E-10	2.85E-10	5.29E-09	1.24E-07	1.24E-07	4.63E-09	6.90E-10	3.05E-10	5.62E-09	6.51E-08	5.32E-09	1.32E-10	1.32E-10	2.67E-11	1.87E-11
Chrysene	Baseline	URBN	5.98E-09	8.91E-10	3.94E-10	7.26E-09	5.58E-09	8.91E-10	3.68E-10	6.84E-09	1.61E-07	1.61E-07	5.98E-09	8.91E-10	3.94E-10	7.26E-09	6.51E-08	6.75E-09	1.32E-10	1.32E-10	2.67E-11	1.87E-11
Cobalt	Baseline	ABOR	1.50E-04	0.00E+00	8.92E-05	2.40E-04	1.40E-04	0.00E+00	8.33E-05	2.24E-04	3.12E-05	3.12E-05	1.50E-04	0.00E+00	8.92E-05	2.40E-04	2.68E-02	1.50E-04	4.07E-04	4.07E-04	4.42E-05	8.19E-05
Cobalt	Baseline	URBN	1.51E-04	0.00E+00	8.94E-05	2.40E-04	1.41E-04	0.00E+00	8.35E-05	2.24E-04	3.13E-05	3.13E-05	1.51E-04	0.00E+00	8.94E-05	2.40E-04	2.68E-02	1.51E-04	4.07E-04	4.07E-04	4.42E-05	8.19E-05
Copper	Baseline	ABOR	1.49E-03	0.00E+00	1.77E-02	7.69E-02	1.39E-03	0.00E+00	1.65E-02	1.79E-02	1.11E-02	1.11E-02	1.49E-03	0.00E+00	1.77E-02	7.69E-02	1.92E-02	1.49E-03	1.55E-02	1.55E-02	1.04E-03	1.99E-03
Copper	Baseline	URBN	1.49E-03	0.00E+00	1.77E-02	7.69E-02	1.39E-03	0.00E+00	1.65E-02	1.79E-02	1.11E-02	1.11E-02	1.49E-03	0.00E+00	1.77E-02	7.69E-02	1.92E-02	1.49E-03	1.55E-02	1.55E-02	1.04E-03	1.99E-03
Fluoranthene	Baseline	ABOR	0.00E+00	3.47E-10	4.76E-11	3.95E-10	0.00E+00	3.47E-10	4.44E-11	3.91E-10	1.72E-08	1.72E-08	0.00E+00	3.47E-10	4.76E-11	3.95E-10	4.53E-09	3.47E-10	2.43E-11	2		

Table B1-3 Summary of Chemical Concentrations Used to Estimate Exposures in Biotic Media

Chemical	Scenario	Site	Environmental Concentrations																			
			Plant Deposition	Plant Air	Plant Soil	Plant SUM	Berries Deposition	Berries Air	Berries Soil	Berries SUM	Root Soil	WildRoot Soil	WildPlant Deposition	WildPlant Air	WildPlant Soil	WildPlant SUM	Shellfish Marine	Seaweed Deposition	Wild Game ERA	Deer ERA	Ruffed grouse ERA	Snowshoe hare ERA
			mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww
Polychlorinated Biphenyls	Baseline	URBN	0.00E+00	4.00E-12	1.43E-14	4.01E-12	0.00E+00	4.00E-12	1.34E-14	4.01E-12	4.51E-12	4.51E-12	0.00E+00	4.00E-12	1.43E-14	4.01E-12	1.18E-11	4.00E-12	1.11E-11	1.11E-11	1.91E-12	1.44E-12
Pyrene	Baseline	ABOR	0.00E+00	2.30E-10	2.72E-10	5.02E-10	0.00E+00	2.30E-10	2.54E-10	4.84E-10	2.46E-08	2.46E-08	0.00E+00	2.30E-10	2.72E-10	5.02E-10	1.82E-08	2.30E-10	1.79E-11	1.79E-11	3.98E-12	2.61E-12
Pyrene	Baseline	URBN	0.00E+00	2.97E-10	3.51E-10	6.48E-10	0.00E+00	2.97E-10	3.27E-10	6.25E-10	3.18E-08	3.18E-08	0.00E+00	2.97E-10	3.51E-10	6.48E-10	1.82E-08	2.97E-10	1.79E-11	1.79E-11	3.98E-12	2.61E-12
Selenium	Baseline	ABOR	2.99E-04	0.00E+00	1.73E-04	4.72E-04	2.79E-04	0.00E+00	1.61E-04	4.40E-04	1.95E-04	1.95E-04	2.99E-04	0.00E+00	1.73E-04	4.72E-04	5.32E-02	2.99E-04	6.84E-03	1.48E-04	6.84E-03	2.48E-05
Selenium	Baseline	URBN	2.99E-04	0.00E+00	1.73E-04	4.72E-04	2.79E-04	0.00E+00	1.61E-04	4.40E-04	1.95E-04	1.95E-04	2.99E-04	0.00E+00	1.73E-04	4.72E-04	5.32E-02	2.99E-04	6.84E-03	1.48E-04	6.84E-03	2.48E-05
Strontium	Baseline	ABOR	3.73E-04	0.00E+00	2.77E-02	2.81E-02	3.48E-04	0.00E+00	2.58E-02	2.62E-02	2.77E-03	2.77E-03	3.73E-04	0.00E+00	2.77E-02	2.81E-02	6.65E-02	3.73E-04	2.12E-05	2.12E-05	1.89E-06	3.72E-06
Strontium	Baseline	URBN	3.73E-04	0.00E+00	2.77E-02	2.81E-02	3.48E-04	0.00E+00	2.58E-02	2.62E-02	2.77E-03	2.77E-03	3.73E-04	0.00E+00	2.77E-02	2.81E-02	6.65E-02	3.73E-04	2.12E-05	2.12E-05	1.89E-06	3.72E-06
Vanadium	Baseline	ABOR	2.24E-03	0.00E+00	3.66E-04	2.61E-03	2.09E-03	0.00E+00	3.41E-04	2.43E-03	1.99E-04	1.99E-04	2.24E-03	0.00E+00	3.66E-04	2.61E-03	1.36E-02	2.24E-03	7.52E-04	7.52E-04	8.04E-05	1.50E-04
Vanadium	Baseline	URBN	2.24E-03	0.00E+00	3.66E-04	2.61E-03	2.09E-03	0.00E+00	3.41E-04	2.43E-03	1.99E-04	1.99E-04	2.24E-03	0.00E+00	3.66E-04	2.61E-03	1.36E-02	2.24E-03	7.52E-04	7.52E-04	8.04E-05	1.50E-04
Zinc	Baseline	ABOR	1.49E-02	0.00E+00	4.30E-02	5.79E-02	1.39E-02	0.00E+00	4.01E-02	5.40E-02	3.99E-01	3.99E-01	1.49E-02	0.00E+00	4.30E-02	5.79E-02	1.68E+00	1.49E-02	1.18E-02	1.06E-03	1.18E-02	1.40E-04
Zinc	Baseline	URBN	1.49E-02	0.00E+00	4.30E-02	5.79E-02	1.39E-02	0.00E+00	4.01E-02	5.40E-02	3.99E-01	3.99E-01	1.49E-02	0.00E+00	4.30E-02	5.79E-02	1.68E+00	1.49E-02	1.18E-02	1.06E-03	1.18E-02	1.40E-04
Acenaphthene	Application	ABOR	0.00E+00	3.86E-10	4.02E-11	3.96E-10	0.00E+00	3.86E-10	9.50E-12	3.96E-10	4.69E-10	4.69E-10	0.00E+00	3.86E-10	1.02E-11	3.96E-10	2.64E-10	3.86E-10	1.69E-10	1.69E-10	3.08E-11	1.27E-11
Acenaphthene	Application	URBN	0.00E+00	6.47E-10	1.71E-11	6.64E-10	0.00E+00	6.47E-10	1.59E-11	6.63E-10	7.86E-10	7.86E-10	0.00E+00	6.47E-10	1.71E-11	6.64E-10	2.64E-10	6.47E-10	1.69E-10	1.69E-10	3.08E-11	1.27E-11
Acenaphthene	Cumulative	ABOR	0.00E+00	3.62E-10	3.72E-10	9.55E-12	0.00E+00	3.62E-10	8.91E-12	3.71E-10	4.40E-10	4.40E-10	0.00E+00	3.62E-10	9.55E-12	3.72E-10	2.51E-10	3.62E-10	1.61E-10	1.61E-10	2.99E-11	1.22E-11
Acenaphthene	Cumulative	URBN	0.00E+00	6.13E-10	1.62E-11	6.30E-10	0.00E+00	6.13E-10	1.51E-11	6.28E-10	7.45E-10	7.45E-10	0.00E+00	6.13E-10	1.62E-11	6.30E-10	2.51E-10	6.13E-10	1.61E-10	1.61E-10	2.99E-11	1.22E-11
Acenaphthene	Project	ABOR	0.00E+00	3.13E-10	8.26E-12	3.22E-10	0.00E+00	3.13E-10	7.71E-12	3.21E-10	3.81E-10	3.81E-10	0.00E+00	3.13E-10	8.26E-12	3.22E-10	2.17E-10	3.13E-10	1.49E-10	1.49E-10	2.78E-11	1.13E-11
Acenaphthene	Project	URBN	0.00E+00	5.33E-10	1.41E-11	5.47E-10	0.00E+00	5.33E-10	1.31E-11	5.46E-10	6.47E-10	6.47E-10	0.00E+00	5.33E-10	1.41E-11	5.47E-10	2.17E-10	5.33E-10	1.49E-10	1.49E-10	2.78E-11	1.13E-11
Acenaphthene	Future	ABOR	0.00E+00	2.91E-10	7.67E-12	2.98E-10	0.00E+00	2.91E-10	7.16E-12	2.98E-10	3.53E-10	3.53E-10	0.00E+00	2.91E-10	7.67E-12	2.98E-10	2.04E-10	2.91E-10	1.25E-10	1.25E-10	2.38E-11	9.63E-12
Acenaphthene	Future	URBN	0.00E+00	5.01E-10	1.32E-11	5.14E-10	0.00E+00	5.01E-10	1.23E-11	5.13E-10	6.08E-10	6.08E-10	0.00E+00	5.01E-10	1.32E-11	5.14E-10	2.04E-10	5.01E-10	1.25E-10	1.25E-10	2.38E-11	9.63E-12
Acrolein	Application	ABOR	0.00E+00	7.28E-12	1.09E-11	1.82E-11	0.00E+00	7.28E-12	1.02E-11	1.75E-11	1.69E-09	1.69E-09	0.00E+00	7.28E-12	1.09E-11	1.82E-11	8.59E-12	7.28E-12	4.91E-11	4.91E-11	4.83E-12	3.27E-12
Acrolein	Application	URBN	0.00E+00	1.07E-11	1.61E-11	2.68E-11	0.00E+00	1.07E-11	1.50E-11	2.58E-11	2.50E-09	2.50E-09	0.00E+00	1.07E-11	1.61E-11	2.68E-11	8.59E-12	1.07E-11	4.91E-11	4.91E-11	4.83E-12	3.27E-12
Acrolein	Cumulative	ABOR	0.00E+00	7.34E-12	1.10E-11	1.84E-11	0.00E+00	7.34E-12	1.03E-11	1.76E-11	1.71E-09	1.71E-09	0.00E+00	7.34E-12	1.10E-11	1.84E-11	8.63E-12	7.34E-12	4.92E-11	4.92E-11	4.84E-12	3.28E-12
Acrolein	Cumulative	URBN	0.00E+00	1.08E-11	1.62E-11	2.70E-11	0.00E+00	1.08E-11	1.51E-11	2.59E-11	2.51E-09	2.51E-09	0.00E+00	1.08E-11	1.62E-11	2.70E-11	8.63E-12	1.08E-11	4.92E-11	4.92E-11	4.84E-12	3.28E-12
Acrolein	Project	ABOR	0.00E+00	6.20E-12	9.30E-12	1.55E-11	0.00E+00	6.20E-12	8.68E-12	1.49E-11	1.44E-09	1.44E-09	0.00E+00	6.20E-12	9.30E-12	1.55E-11	7.43E-12	6.20E-12	4.51E-11	4.51E-11	4.46E-12	3.02E-12
Acrolein	Project	URBN	0.00E+00	9.32E-12	1.40E-11	2.33E-11	0.00E+00	9.32E-12	1.30E-11	2.17E-09	2.17E-09	2.17E-09	0.00E+00	9.32E-12	1.40E-11	2.33E-11	7.43E-12	9.32E-12	4.51E-11	4.51E-11	4.46E-12	3.02E-12
Acrolein	Future	ABOR	0.00E+00	6.24E-12	9.36E-12	1.56E-11	0.00E+00	6.24E-12	8.74E-12	1.50E-11	1.45E-09	1.45E-09	0.00E+00	6.24E-12	9.36E-12	1.56E-11	7.45E-12	6.24E-12	4.03E-11	4.03E-11	3.96E-12	2.69E-12
Acrolein	Future	URBN	0.00E+00	9.35E-12	1.40E-11	2.34E-11	0.00E+00	9.35E-12	1.31E-11	2.24E-11	2.18E-09	2.18E-09	0.00E+00	9.35E-12	1.40E-11	2.34E-11	7.45E-12	9.35E-12	4.03E-11	4.03E-11	3.96E-12	2.69E-12
Aliphatic C9-C16	Application	ABOR	0.00E+00	3.00E-07	6.64E-09	3.06E-07	0.00E+00	3.00E-07	6.20E-09	3.06E-07	2.59E-07	2.59E-07	0.00E+00	3.00E-07	6.64E-09	3.06E-07	1.55E-06	3.00E-07	3.15E-06	3.15E-06	5.52E-07	2.19E-07
Aliphatic C9-C16	Application	URBN	0.00E+00	4.98E-07	1.10E-08	5.09E-07	0.00E+00	4.98E-07	1.03E-08	5.08E-07	4.30E-07	4.30E-07	0.00E+00	4.98E-07	1.10E-08	5.09E-07	1.55E-06	4.98E-07	3.15E-06	3.15E-06	5.52E-07	2.19E-07
Aliphatic C9-C16	Cumulative	ABOR	0.00E+00	3.01E-07	6.66E-09	3.07E-07	0.00E+00	3.01E-07	6.21E-09	3.07E-07	2.60E-07	2.60E-07	0.00E+00	3.01E-07	6.66E-09	3.07E-07	1.55E-06	3.01E-07	3.15E-06	3.15E-06	5.52E-07	2.19E-07
Aliphatic C9-C16	Cumulative	URBN	0.00E+00	4.98E-07	1.10E-08	5.09E-07	0.00E+00	4.98E-07	1.03E-08	5.08E-07	4.30E-07	4.30E-07	0.00E+00	4.98E-07	1.10E-08	5.09E-07	1.55E-06	4.98E-07	3.15E-06	3.15E-06	5.52E-07	2.19E-07
Aliphatic C9-C16	Project	ABOR	0.00E+00	1.84E-08	4.08E-10	1.88E-08	0.00E+00	1.84E-08	3.81E-10	1.88E-08	1.59E-08	1.59E-08	0.00E+00	1.84E-08	4.08E-10	1.88E-08	1.43E-07	1.84E-08	2.06E-07	2.06E-07	3.79E-08	1.46E-08
Aliphatic C9-C16	Project	URBN	0.00E+00	2.74E-08	6.08E-10	2.81E-08	0.00E+00	2.74E-08	5.68E-10	2.80E-08	2.37E-08	2.37E-08	0.00E+00	2.74E-08	6.08E-10	2.81E-08	1.43E-07	2.74E-08	2.06E-07	2.06E-07	3.79E-08	1.46E-08
Aliphatic C9-C16	Future	ABOR	0.00E+00	1.70E-08	3.78E-10	1.74E-08	0.00E+00	1.70E-08	3.53E-10	1.74E-08	1.47E-08	1.47E-08	0.00E+00	1.70E-08	3.78E-10	1.74E-08	1.33E-07	1.70E-08	5.06E-08	5.06E-08	9.29E-09	3.59E-09
Aliphatic C9-C16	Future	URBN	0.00E+00	2.54E-08	5.62E-10	2.59E-08	0.00E+00	2.54E-08	5.24E-10	2.59E-08	2.19E-08	2.19E-08	0.00E+00	2.54E-08	5.62E-10	2.59E-08	1.33E-07	2.54E-08	5.06E-08	5.06E-08	9.29E-09	3.59E-09
Anthracene	Application	ABOR	0.00E+00	7.19E-11	1.16E-10	1.88E-10	0.00E+00	7.19E-11	1.08E-10	1.80E-10	8.74E-09	8.74E-09	0.00E+00	7.19E-11	1.16E-10	1.88E-10	5.65E-09	7.19E-11	8.15E-12	8.15E-12	1.40E-12	9.49E-13
Anthracene	Application	URBN	0.00E+00	1.19E-10	1.92E-10	3.11E-10	0.00E+00	1.19E-10	1.79E-10	2.98E-10	1.45E-08	1.45E-08	0.00E+00	1.19E-10	1.92E-10	3.11E-10	5.65E-09	1.19E-10	8.15E-12	8.15E-12	1.40E-12	9.49E-13
Anthracene	Cumulative	ABOR	0.00E+00	6.62E-11	1.07E-10	1.73E-10	0.00E+00	6.62E-11	9.96E-11	1.66E-10	8.05E-09	8.05E-09	0.00E+00	6.6								

Table B1-3 Summary of Chemical Concentrations Used to Estimate Exposures in Biotic Media

Chemical	Scenario	Site	Environmental Concentrations																			
			Plant Deposition	Plant Air	Plant Soil	Plant SUM	Berries Deposition	Berries Air	Berries Soil	Berries SUM	Root Soil	WildRoot Soil	WildPlant Deposition	WildPlant Air	WildPlant Soil	WildPlant SUM	Shellfish Marine	Seaweed Deposition	Wild Game ERA	Deer ERA	Ruffed grouse ERA	Snowshoe hare ERA
			mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww
Barium	Future	ABOR	5.74E-06	0.00E+00	1.70E-06	7.44E-06	5.35E-06	0.00E+00	1.59E-06	6.94E-06	2.55E-06	2.55E-06	5.74E-06	0.00E+00	1.70E-06	7.44E-06	1.19E-03	5.74E-06	5.98E-07	5.98E-07	5.60E-08	1.09E-07
Barium	Future	URBN	1.00E-05	0.00E+00	2.97E-06	1.30E-05	9.33E-06	0.00E+00	2.77E-06	1.21E-05	4.45E-06	4.45E-06	1.00E-05	0.00E+00	2.97E-06	1.30E-05	1.19E-03	1.00E-05	5.98E-07	5.98E-07	5.60E-08	1.09E-07
Benzo(a)anthracene	Application	ABOR	2.34E-07	4.48E-09	1.57E-09	2.40E-07	2.18E-07	4.48E-09	1.46E-09	2.24E-07	6.90E-07	6.90E-07	2.34E-07	4.48E-09	1.57E-09	2.40E-07	3.93E-07	2.38E-07	5.12E-09	5.12E-09	8.96E-10	6.73E-10
Benzo(a)anthracene	Application	URBN	3.88E-07	7.43E-09	2.60E-09	3.98E-07	3.62E-07	7.43E-09	2.43E-09	3.72E-07	1.14E-06	1.14E-06	3.88E-07	7.43E-09	2.60E-09	3.98E-07	3.93E-07	3.95E-07	5.12E-09	5.12E-09	8.96E-10	6.73E-10
Benzo(a)anthracene	Cumulative	ABOR	2.16E-07	4.13E-09	1.45E-09	2.21E-07	2.01E-07	4.13E-09	1.35E-09	2.07E-07	6.36E-07	6.36E-07	2.16E-07	4.13E-09	1.45E-09	2.21E-07	3.71E-07	2.20E-07	5.02E-09	5.02E-09	8.79E-10	6.60E-10
Benzo(a)anthracene	Cumulative	URBN	3.69E-07	7.08E-09	2.48E-09	3.79E-07	3.45E-07	7.08E-09	2.31E-09	3.54E-07	1.09E-06	1.09E-06	3.69E-07	7.08E-09	2.48E-09	3.79E-07	3.71E-07	3.77E-07	5.02E-09	5.02E-09	8.79E-10	6.60E-10
Benzo(a)anthracene	Project	ABOR	1.86E-07	3.57E-09	1.25E-09	1.91E-07	1.74E-07	3.57E-09	1.17E-09	1.79E-07	5.50E-07	5.50E-07	1.86E-07	3.57E-09	1.25E-09	1.91E-07	3.20E-07	1.90E-07	4.68E-09	4.68E-09	8.19E-10	6.15E-10
Benzo(a)anthracene	Project	URBN	3.21E-07	6.14E-09	2.15E-09	3.29E-07	2.99E-07	6.14E-09	2.01E-09	3.07E-07	9.48E-07	9.48E-07	3.21E-07	6.14E-09	2.15E-09	3.29E-07	3.20E-07	3.27E-07	4.68E-09	4.68E-09	8.19E-10	6.15E-10
Benzo(a)anthracene	Future	ABOR	1.73E-07	3.31E-09	1.16E-09	1.77E-07	1.61E-07	3.31E-09	1.08E-09	1.66E-07	5.09E-07	5.09E-07	1.73E-07	3.31E-09	1.16E-09	1.77E-07	3.00E-07	1.76E-07	4.01E-09	4.01E-09	7.02E-10	5.27E-10
Benzo(a)anthracene	Future	URBN	3.01E-07	5.77E-09	2.02E-09	3.09E-07	2.81E-07	5.77E-09	1.88E-09	2.89E-07	8.88E-07	8.88E-07	3.01E-07	5.77E-09	2.02E-09	3.09E-07	3.00E-07	3.07E-07	4.01E-09	4.01E-09	7.02E-10	5.27E-10
Benzo(a)pyrene	Application	ABOR	8.60E-08	3.50E-08	1.10E-09	1.22E-07	8.03E-08	3.50E-08	1.03E-09	1.16E-07	3.83E-07	3.83E-07	8.60E-08	3.50E-08	1.10E-09	1.22E-07	4.34E-07	1.21E-07	4.03E-09	4.03E-09	7.12E-10	5.32E-10
Benzo(a)pyrene	Application	URBN	1.43E-07	5.82E-08	1.83E-09	2.03E-07	1.33E-07	5.82E-08	1.71E-09	1.93E-07	6.37E-07	6.37E-07	1.43E-07	5.82E-08	1.83E-09	2.03E-07	4.34E-07	2.01E-07	4.03E-09	4.03E-09	7.12E-10	5.32E-10
Benzo(a)pyrene	Cumulative	ABOR	7.93E-08	3.23E-08	1.01E-09	1.13E-07	7.40E-08	3.23E-08	9.46E-10	1.07E-07	3.53E-07	3.53E-07	7.93E-08	3.23E-08	1.01E-09	1.13E-07	4.12E-07	1.12E-07	3.95E-09	3.95E-09	6.99E-10	5.22E-10
Benzo(a)pyrene	Cumulative	URBN	1.36E-07	5.52E-08	1.74E-09	1.93E-07	1.27E-07	5.52E-08	1.62E-09	1.84E-07	6.05E-07	6.05E-07	1.36E-07	5.52E-08	1.74E-09	1.93E-07	4.12E-07	1.91E-07	3.95E-09	3.95E-09	6.99E-10	5.22E-10
Benzo(a)pyrene	Project	ABOR	6.86E-08	2.79E-08	8.7E-10	9.73E-08	6.40E-08	2.79E-08	8.17E-10	9.27E-08	3.05E-07	3.05E-07	6.86E-08	2.79E-08	8.7E-10	9.73E-08	3.56E-07	9.64E-08	3.69E-09	3.69E-09	6.51E-10	4.87E-10
Benzo(a)pyrene	Project	URBN	1.18E-07	4.80E-08	1.51E-09	1.67E-07	1.10E-07	4.80E-08	1.41E-09	1.59E-07	5.25E-07	5.25E-07	1.18E-07	4.80E-08	1.51E-09	1.67E-07	3.56E-07	1.66E-07	3.69E-09	3.69E-09	6.51E-10	4.87E-10
Benzo(a)pyrene	Future	ABOR	6.35E-08	2.58E-08	8.11E-10	9.02E-08	5.93E-08	2.58E-08	7.57E-10	8.59E-08	2.83E-07	2.83E-07	6.35E-08	2.58E-08	8.11E-10	9.02E-08	3.33E-07	8.94E-08	3.16E-09	3.16E-09	5.59E-10	4.17E-10
Benzo(a)pyrene	Future	URBN	1.11E-07	4.50E-08	1.41E-09	1.57E-07	1.03E-07	4.50E-08	1.32E-09	1.50E-07	4.93E-07	4.93E-07	1.11E-07	4.50E-08	1.41E-09	1.57E-07	3.33E-07	1.56E-07	3.16E-09	3.16E-09	5.59E-10	4.17E-10
Benzo(b)fluoranthene	Application	ABOR	0.00E+00	6.86E-08	2.23E-10	6.86E-08	0.00E+00	6.86E-08	2.08E-10	6.88E-08	2.62E-08	2.62E-08	0.00E+00	6.86E-08	2.23E-10	6.86E-08	5.72E-08	6.86E-08	5.17E-09	5.17E-09	8.86E-10	6.72E-10
Benzo(b)fluoranthene	Application	URBN	0.00E+00	1.14E-07	3.71E-10	1.15E-07	0.00E+00	1.14E-07	3.46E-10	1.15E-07	4.36E-08	4.36E-08	0.00E+00	1.14E-07	3.71E-10	1.15E-07	5.72E-08	1.14E-07	5.17E-09	5.17E-09	8.86E-10	6.72E-10
Benzo(b)fluoranthene	Cumulative	ABOR	0.00E+00	6.33E-08	2.06E-10	6.33E-08	0.00E+00	6.33E-08	1.92E-10	6.35E-08	2.42E-08	2.42E-08	0.00E+00	6.33E-08	2.06E-10	6.35E-08	5.42E-08	6.33E-08	5.05E-09	5.05E-09	8.65E-10	6.57E-10
Benzo(b)fluoranthene	Cumulative	URBN	0.00E+00	1.08E-07	3.53E-10	1.09E-07	0.00E+00	1.08E-07	3.29E-10	1.09E-07	4.15E-08	4.15E-08	0.00E+00	1.08E-07	3.53E-10	1.09E-07	5.42E-08	1.08E-07	5.05E-09	5.05E-09	8.65E-10	6.57E-10
Benzo(b)fluoranthene	Project	ABOR	0.00E+00	5.48E-08	1.78E-10	5.49E-08	0.00E+00	5.48E-08	1.66E-10	5.49E-08	2.09E-08	2.09E-08	0.00E+00	5.48E-08	1.78E-10	5.49E-08	4.68E-08	5.48E-08	4.72E-09	4.72E-09	8.09E-10	6.14E-10
Benzo(b)fluoranthene	Project	URBN	0.00E+00	9.42E-08	3.06E-10	9.45E-08	0.00E+00	9.42E-08	2.86E-10	9.44E-08	3.60E-08	3.60E-08	0.00E+00	9.42E-08	3.06E-10	9.45E-08	4.68E-08	9.42E-08	4.72E-09	4.72E-09	8.09E-10	6.14E-10
Benzo(b)fluoranthene	Future	ABOR	0.00E+00	5.07E-08	1.65E-10	5.09E-08	0.00E+00	5.07E-08	1.54E-10	5.09E-08	1.94E-08	1.94E-08	0.00E+00	5.07E-08	1.65E-10	5.09E-08	4.38E-08	5.07E-08	4.03E-09	4.03E-09	6.91E-10	5.25E-10
Benzo(b)fluoranthene	Future	URBN	0.00E+00	8.84E-08	2.87E-10	8.87E-08	0.00E+00	8.84E-08	2.68E-10	8.87E-08	3.38E-08	3.38E-08	0.00E+00	8.84E-08	2.87E-10	8.87E-08	4.38E-08	8.84E-08	4.03E-09	4.03E-09	6.91E-10	5.25E-10
Benzo(g,h,i)perylene	Application	ABOR	1.03E-07	1.85E-07	7.40E-10	2.89E-07	9.82E-08	1.85E-07	6.91E-10	2.82E-07	3.85E-06	3.85E-06	1.03E-07	1.85E-07	7.40E-10	2.89E-07	5.46E-07	1.03E-07	1.17E-08	1.17E-08	2.03E-09	1.53E-09
Benzo(g,h,i)perylene	Application	URBN	1.71E-07	3.07E-07	1.23E-09	4.80E-07	1.60E-07	3.07E-07	1.15E-09	4.68E-07	6.40E-06	6.40E-06	1.71E-07	3.07E-07	1.23E-09	4.80E-07	5.46E-07	4.79E-07	1.17E-08	1.17E-08	2.03E-09	1.53E-09
Benzo(g,h,i)perylene	Cumulative	ABOR	9.51E-08	1.71E-07	6.83E-10	2.66E-07	8.87E-08	1.71E-07	6.37E-10	2.60E-07	3.55E-06	3.55E-06	9.51E-08	1.71E-07	6.83E-10	2.66E-07	5.18E-07	2.66E-07	1.15E-08	1.15E-08	1.99E-09	1.50E-09
Benzo(g,h,i)perylene	Cumulative	URBN	1.63E-07	2.92E-07	1.17E-09	4.56E-07	1.52E-07	2.92E-07	1.09E-09	4.45E-07	6.09E-06	6.09E-06	1.63E-07	2.92E-07	1.17E-09	4.56E-07	5.18E-07	4.56E-07	1.15E-08	1.15E-08	1.99E-09	1.50E-09
Benzo(g,h,i)perylene	Project	ABOR	8.22E-08	1.48E-07	5.90E-10	2.30E-07	7.67E-08	1.48E-07	5.51E-10	2.25E-07	3.07E-06	3.07E-06	8.22E-08	1.48E-07	5.90E-10	2.30E-07	4.47E-07	2.30E-07	1.07E-08	1.07E-08	1.86E-09	1.40E-09
Benzo(g,h,i)perylene	Project	URBN	1.41E-07	2.54E-07	1.02E-09	3.96E-07	1.32E-07	2.54E-07	9.48E-10	3.87E-07	5.28E-06	5.28E-06	1.41E-07	2.54E-07	1.02E-09	3.96E-07	4.47E-07	3.96E-07	1.07E-08	1.07E-08	1.86E-09	1.40E-09
Benzo(g,h,i)perylene	Future	ABOR	7.61E-08	1.37E-07	5.47E-10	2.13E-07	7.11E-08	1.37E-07	5.10E-10	2.08E-07	2.85E-06	2.85E-06	7.61E-08	1.37E-07	5.47E-10	2.13E-07	4.19E-07	2.13E-07	9.21E-09	9.21E-09	1.59E-09	1.20E-09
Benzo(g,h,i)perylene	Future	URBN	1.33E-07	2.38E-07	9.54E-10	3.72E-07	1.24E-07	2.38E-07	8.90E-10	3.63E-07	4.96E-06	4.96E-06	1.33E-07	2.38E-07	9.54E-10	3.72E-07	4.19E-07	3.72E-07	9.21E-09	9.21E-09	1.59E-09	1.20E-09
Benzo(k)fluoranthene	Application	ABOR	6.55E-08	2.61E-08	3.43E-09	9.50E-08	6.12E-08	2.61E-08	3.20E-09	9.04E-08	1.12E-06	1.12E-06	6.55E-08	2.61E-08	3.43E-09	9.50E-08	1.32E-06	9.16E-08	3.13E-09	3.13E-09	6.10E-10	4.34E-10
Benzo(k)fluoranthene	Application	URBN	1.09E-07	4.33E-08	5.71E-09	1.58E-07	1.02E-07	4.33E-08	5.33E-09	1.50E-07	1.87E-06	1.87E-06	1.09E-07	4.33E-08	5.71E-09	1.58E-07	1.32E-06	1.57E-07	3.13E-09	3.13E-09	6.10E-10	4.34E-10
Benzo(k)fluoranthene	Cumulative	ABOR	6.04E-08	2.40E-08	3.16E-09	8.76E-08	5.64E-08	2.40E-08	2.95E-09	8.34E-08	1.04E-06	1.04E-06	6.04E-08	2.40E-08	3.16E-09	8.76E-08	1.26E-06	8.44E-08	3.07E-09	3.07E-09	5.98E-10	4.26E-10
Benzo(k)fluoranthene	Cumulative	URBN	1.03E-07	4.12E-08	5.42E-09	1.50E-07	9.66E-08	4.12E-08	5.06E-09	1.43E-07	1.78E-06	1.78E-06	1.03E-07	4.12E-08	5.42E-09	1.50E-07	1.26E-06	1.45E-07	3.07E-09	3.07E-09	5.98E-10	4.26E-10
Benzo(k)fluoranthene	Project	ABOR	5.22E-08	2.08E-08	2.74E-09	7.57E-08	4.87E-08	2.08E-08	2.55E-09	7.21E-08	8.96E-07	8.96E-07	5.22E-08	2.08E-08	2.74E-09	7.57E-08	1.08E-06	7.30E-08	2.86E-09	2.86E-09	5.58E-10	3.97E-10
Benzo(k)fluoranthene	Project	URBN	8.98E-08	3.57E-08	4.70E-09	1.30E-07	8.38E-08	3.57E-08	4.39E-09	1.24E-07	1.54E-06	1.54E-06	8.98E-08	3.5								

Table B1-3 Summary of Chemical Concentrations Used to Estimate Exposures in Biotic Media

Chemical	Scenario	Site	Environmental Concentrations																			
			Plant Deposition	Plant Air	Plant Soil	Plant SUM	Berries Deposition	Berries Air	Berries Soil	Berries SUM	Root Soil	WildRoot Soil	WildPlant Deposition	WildPlant Air	WildPlant Soil	WildPlant SUM	Shellfish Marine	Seaweed Deposition	Wild Game ERA	Deer ERA	Ruffed grouse ERA	Snowshoe hare ERA
			mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww
Cadmium	Future	URBN	1.38E-06	0.00E+00	5.10E-06	6.48E-06	1.28E-06	0.00E+00	4.76E-06	6.05E-06	2.61E-06	2.61E-06	1.38E-06	0.00E+00	5.10E-06	6.48E-06	6.20E-04	1.38E-06	8.63E-05	1.68E-06	8.63E-05	2.03E-07
Chromium (Cr3+)	Application	ABOR	3.76E-04	0.00E+00	5.45E-05	4.31E-04	3.51E-04	0.00E+00	5.08E-05	4.02E-04	5.02E-05	5.02E-05	3.76E-04	0.00E+00	5.45E-05	4.31E-04	2.91E-02	3.76E-04	3.06E-04	3.06E-04	3.41E-05	5.98E-05
Chromium (Cr3+)	Application	URBN	3.79E-04	0.00E+00	5.49E-05	4.34E-04	3.54E-04	0.00E+00	5.12E-05	4.05E-04	5.06E-05	5.06E-05	3.79E-04	0.00E+00	5.49E-05	4.34E-04	2.91E-02	3.79E-04	3.06E-04	3.06E-04	3.41E-05	5.98E-05
Chromium (Cr3+)	Cumulative	ABOR	3.76E-04	0.00E+00	5.45E-05	4.31E-04	3.51E-04	0.00E+00	5.09E-05	4.02E-04	5.03E-05	5.03E-05	3.76E-04	0.00E+00	5.45E-05	4.31E-04	2.91E-02	3.76E-04	3.06E-04	3.06E-04	3.41E-05	5.98E-05
Chromium (Cr3+)	Cumulative	URBN	3.79E-04	0.00E+00	5.49E-05	4.34E-04	3.54E-04	0.00E+00	5.12E-05	4.05E-04	5.06E-05	5.06E-05	3.79E-04	0.00E+00	5.49E-05	4.34E-04	2.91E-02	3.79E-04	3.06E-04	3.06E-04	3.41E-05	5.98E-05
Chromium (Cr3+)	Project	ABOR	2.89E-06	0.00E+00	4.18E-07	3.30E-06	2.69E-06	0.00E+00	3.90E-07	3.08E-06	3.85E-07	3.85E-07	2.89E-06	0.00E+00	4.18E-07	3.30E-06	2.57E-04	2.89E-06	9.47E-06	9.47E-06	1.07E-06	1.87E-06
Chromium (Cr3+)	Project	URBN	4.96E-06	0.00E+00	7.19E-07	5.68E-06	4.63E-06	0.00E+00	6.71E-07	5.30E-06	6.63E-07	6.63E-07	4.96E-06	0.00E+00	7.19E-07	5.68E-06	2.57E-04	4.96E-06	9.47E-06	9.47E-06	1.07E-06	1.87E-06
Chromium (Cr3+)	Future	ABOR	2.87E-06	0.00E+00	3.87E-07	3.06E-06	2.50E-06	0.00E+00	3.61E-07	2.86E-06	3.57E-07	3.57E-07	2.87E-06	0.00E+00	3.87E-07	3.06E-06	2.41E-04	2.67E-06	8.48E-06	8.48E-06	9.55E-07	1.67E-06
Chromium (Cr3+)	Future	URBN	4.66E-06	0.00E+00	6.75E-07	5.34E-06	4.35E-06	0.00E+00	6.30E-07	4.98E-06	6.22E-07	6.22E-07	4.66E-06	0.00E+00	6.75E-07	5.34E-06	2.41E-04	4.66E-06	8.48E-06	8.48E-06	9.55E-07	1.67E-06
Chromium (Cr6+)	Application	ABOR	3.75E-04	0.00E+00	5.43E-05	4.29E-04	3.50E-04	0.00E+00	5.06E-05	4.00E-04	5.00E-05	5.00E-05	3.75E-04	0.00E+00	5.43E-05	4.29E-04	2.89E-02	3.75E-04	3.09E-04	3.09E-04	3.36E-05	5.91E-05
Chromium (Cr6+)	Application	URBN	3.76E-04	0.00E+00	5.45E-05	4.31E-04	3.51E-04	0.00E+00	5.08E-05	4.02E-04	5.02E-05	5.02E-05	3.76E-04	0.00E+00	5.45E-05	4.31E-04	2.89E-02	3.76E-04	3.09E-04	3.09E-04	3.36E-05	5.91E-05
Chromium (Cr6+)	Cumulative	ABOR	3.75E-04	0.00E+00	5.42E-05	4.29E-04	3.50E-04	0.00E+00	5.06E-05	4.00E-04	5.00E-05	5.00E-05	3.75E-04	0.00E+00	5.42E-05	4.29E-04	2.89E-02	3.75E-04	3.09E-04	3.09E-04	3.36E-05	5.91E-05
Chromium (Cr6+)	Cumulative	URBN	3.75E-04	0.00E+00	5.44E-05	4.30E-04	3.50E-04	0.00E+00	5.07E-05	4.01E-04	5.01E-05	5.01E-05	3.75E-04	0.00E+00	5.44E-05	4.30E-04	2.89E-02	3.75E-04	3.09E-04	3.09E-04	3.36E-05	5.91E-05
Chromium (Cr6+)	Project	ABOR	1.18E-06	0.00E+00	1.70E-07	1.35E-06	1.10E-06	0.00E+00	1.59E-07	1.26E-06	1.57E-07	1.57E-07	1.18E-06	0.00E+00	1.70E-07	1.35E-06	1.05E-04	1.18E-06	3.86E-06	3.86E-06	4.34E-07	7.61E-07
Chromium (Cr6+)	Project	URBN	2.02E-06	0.00E+00	2.93E-07	2.31E-06	1.89E-06	0.00E+00	2.73E-07	2.16E-06	2.70E-07	2.70E-07	2.02E-06	0.00E+00	2.93E-07	2.31E-06	1.05E-04	2.02E-06	3.86E-06	3.86E-06	4.34E-07	7.61E-07
Chromium (Cr6+)	Future	ABOR	1.09E-06	0.00E+00	1.45E-07	1.12E-06	1.02E-06	0.00E+00	1.47E-07	1.16E-06	1.45E-07	1.45E-07	1.09E-06	0.00E+00	1.45E-07	1.12E-06	9.82E-05	1.09E-06	3.84E-06	3.84E-06	4.33E-07	7.58E-07
Chromium (Cr6+)	Future	URBN	1.90E-06	0.00E+00	2.75E-07	2.17E-06	1.77E-06	0.00E+00	2.57E-07	2.03E-06	2.54E-07	2.54E-07	1.90E-06	0.00E+00	2.75E-07	2.17E-06	9.82E-05	1.90E-06	3.84E-06	3.84E-06	4.33E-07	7.58E-07
Chrysene	Application	ABOR	2.05E-08	3.06E-09	1.35E-09	2.49E-08	1.91E-08	3.06E-09	1.26E-09	2.34E-08	5.51E-07	5.51E-07	2.05E-08	3.06E-09	1.35E-09	2.49E-08	3.59E-07	2.36E-08	6.72E-10	6.72E-10	1.35E-10	9.50E-11
Chrysene	Application	URBN	3.41E-08	5.08E-09	2.25E-09	4.14E-08	3.18E-08	5.08E-09	2.10E-09	3.90E-08	9.17E-07	9.17E-07	3.41E-08	5.08E-09	2.25E-09	4.14E-08	3.59E-07	3.92E-08	6.72E-10	6.72E-10	1.35E-10	9.50E-11
Chrysene	Cumulative	ABOR	1.89E-08	2.81E-09	1.24E-09	2.29E-08	1.76E-08	2.81E-09	1.16E-09	2.16E-08	5.08E-07	5.08E-07	1.89E-08	2.81E-09	1.24E-09	2.29E-08	3.40E-07	2.17E-08	6.59E-10	6.59E-10	1.33E-10	9.33E-11
Chrysene	Cumulative	URBN	3.23E-08	4.82E-09	2.13E-09	3.93E-08	3.02E-08	4.82E-09	1.99E-09	3.70E-08	8.70E-07	8.70E-07	3.23E-08	4.82E-09	2.13E-09	3.93E-08	3.40E-07	3.72E-08	6.59E-10	6.59E-10	1.33E-10	9.33E-11
Chrysene	Project	ABOR	1.63E-08	2.43E-09	1.08E-09	1.98E-08	1.52E-08	2.43E-09	1.00E-09	1.87E-08	4.39E-07	4.39E-07	1.63E-08	2.43E-09	1.08E-09	1.98E-08	2.94E-07	1.88E-08	6.14E-10	6.14E-10	1.24E-10	8.69E-11
Chrysene	Project	URBN	2.81E-08	4.18E-09	1.85E-09	3.41E-08	2.62E-08	4.18E-09	1.73E-09	3.21E-08	7.55E-07	7.55E-07	2.81E-08	4.18E-09	1.85E-09	3.41E-08	2.94E-07	3.23E-08	6.14E-10	6.14E-10	1.24E-10	8.69E-11
Chrysene	Future	ABOR	1.51E-08	2.25E-09	9.96E-10	1.84E-08	1.41E-08	2.25E-09	9.30E-10	1.73E-08	4.07E-07	4.07E-07	1.51E-08	2.25E-09	9.96E-10	1.84E-08	2.75E-07	1.74E-08	5.27E-10	5.27E-10	1.06E-10	7.45E-11
Chrysene	Future	URBN	2.64E-08	3.93E-09	1.74E-09	3.20E-08	2.46E-08	3.93E-09	1.62E-09	3.02E-08	7.09E-07	7.09E-07	2.64E-08	3.93E-09	1.74E-09	3.20E-08	2.75E-07	3.09E-08	5.27E-10	5.27E-10	1.06E-10	7.45E-11
Cobalt	Application	ABOR	1.54E-04	0.00E+00	9.12E-05	2.45E-04	1.43E-04	0.00E+00	8.52E-05	2.29E-04	3.19E-05	3.19E-05	1.54E-04	0.00E+00	9.12E-05	2.45E-04	2.76E-02	1.54E-04	4.45E-04	4.45E-04	4.84E-05	8.96E-05
Cobalt	Application	URBN	1.57E-04	0.00E+00	9.30E-05	2.50E-04	1.46E-04	0.00E+00	8.69E-05	2.33E-04	3.26E-05	3.26E-05	1.57E-04	0.00E+00	9.30E-05	2.50E-04	2.76E-02	1.57E-04	4.45E-04	4.45E-04	4.84E-05	8.96E-05
Cobalt	Cumulative	ABOR	1.54E-04	0.00E+00	9.13E-05	2.45E-04	1.44E-04	0.00E+00	8.52E-05	2.29E-04	3.19E-05	3.19E-05	1.54E-04	0.00E+00	9.13E-05	2.45E-04	2.75E-02	1.54E-04	4.45E-04	4.45E-04	4.84E-05	8.96E-05
Cobalt	Cumulative	URBN	1.57E-04	0.00E+00	9.32E-05	2.50E-04	1.46E-04	0.00E+00	8.69E-05	2.33E-04	3.26E-05	3.26E-05	1.57E-04	0.00E+00	9.32E-05	2.50E-04	2.75E-02	1.57E-04	4.45E-04	4.45E-04	4.84E-05	8.96E-05
Cobalt	Project	ABOR	3.89E-06	0.00E+00	2.31E-06	6.19E-06	3.63E-06	0.00E+00	2.15E-06	5.78E-06	8.07E-07	8.07E-07	3.89E-06	0.00E+00	2.31E-06	6.19E-06	7.99E-04	3.89E-06	4.25E-05	4.25E-05	4.70E-06	6.68E-06
Cobalt	Project	URBN	6.68E-06	0.00E+00	3.97E-06	1.06E-05	6.24E-06	0.00E+00	3.70E-06	9.94E-06	1.39E-06	1.39E-06	6.68E-06	0.00E+00	3.97E-06	1.06E-05	7.99E-04	6.68E-06	4.25E-05	4.25E-05	4.70E-06	6.68E-06
Cobalt	Future	ABOR	3.60E-06	0.00E+00	2.14E-06	5.74E-06	3.36E-06	0.00E+00	1.99E-06	5.35E-06	7.48E-07	7.48E-07	3.60E-06	0.00E+00	2.14E-06	5.74E-06	7.49E-04	3.60E-06	4.25E-05	4.25E-05	4.16E-06	7.68E-06
Cobalt	Future	URBN	6.28E-06	0.00E+00	3.72E-06	1.00E-05	5.86E-06	0.00E+00	3.48E-06	9.33E-06	1.30E-06	1.30E-06	6.28E-06	0.00E+00	3.72E-06	1.00E-05	7.49E-04	6.28E-06	3.76E-05	3.76E-05	4.16E-06	7.68E-06
Copper	Application	ABOR	1.49E-03	0.00E+00	1.77E-02	1.92E-02	1.39E-03	0.00E+00	1.65E-02	1.79E-02	1.11E-02	1.11E-02	1.49E-03	0.00E+00	1.77E-02	1.92E-02	8.86E-02	1.49E-03	1.55E-02	1.55E-02	1.04E-03	1.99E-03
Copper	Application	URBN	1.49E-03	0.00E+00	1.77E-02	1.92E-02	1.39E-03	0.00E+00	1.65E-02	1.79E-02	1.11E-02	1.11E-02	1.49E-03	0.00E+00	1.77E-02	1.92E-02	8.86E-02	1.49E-03	1.55E-02	1.55E-02	1.04E-03	1.99E-03
Copper	Cumulative	ABOR	1.49E-03	0.00E+00	1.77E-02	1.92E-02	1.39E-03	0.00E+00	1.65E-02	1.79E-02	1.11E-02	1.11E-02	1.49E-03	0.00E+00	1.77E-02	1.92E-02	8.86E-02	1.49E-03	1.55E-02	1.55E-02	1.04E-03	2.00E-03
Copper	Cumulative	URBN	1.49E-03	0.00E+00	1.77E-02	1.92E-02	1.39E-03	0.00E+00	1.65E-02	1.79E-02	1.11E-02	1.11E-02	1.49E-03	0.00E+00	1.77E-02	1.92E-02	8.86E-02	1.49E-03	1.55E-02	1.55E-02	1.04E-03	2.00E-03
Copper	Project	ABOR	5.85E-07	0.00E+00	6.94E-06	7.53E-06	5.46E-07	0.00E+00	6.48E-06	7.03E-06	4.34E-06											

Table B1-3 Summary of Chemical Concentrations Used to Estimate Exposures in Biotic Media

Chemical	Scenario	Site	Environmental Concentrations																			
			Plant Deposition	Plant Air	Plant Soil	Plant SUM	Berries Deposition	Berries Air	Berries Soil	Berries SUM	Root Soil	WildRoot Soil	WildPlant Deposition	WildPlant Air	WildPlant Soil	WildPlant SUM	Shellfish Marine	Seaweed Deposition	Wild Game ERA	Deer ERA	Ruffed grouse ERA	Snowshoe hare ERA
			mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww
Hexachlorobenzene	Application	ABOR	0.00E+00	8.73E-14	2.72E-15	9.00E-14	0.00E+00	8.73E-14	2.54E-15	8.98E-14	3.47E-12	3.47E-12	0.00E+00	8.73E-14	2.72E-15	9.00E-14	6.33E-13	8.73E-14	1.99E-12	1.99E-12	1.31E-12	1.63E-13
Hexachlorobenzene	Application	URBN	0.00E+00	1.45E-13	4.53E-15	1.50E-13	0.00E+00	1.45E-13	4.23E-15	1.49E-13	5.76E-12	5.76E-12	0.00E+00	1.45E-13	4.53E-15	1.50E-13	6.33E-13	1.45E-13	1.99E-12	1.99E-12	1.31E-12	1.63E-13
Hexachlorobenzene	Cumulative	ABOR	0.00E+00	8.06E-14	2.51E-15	8.31E-14	0.00E+00	8.06E-14	2.35E-15	8.29E-14	3.20E-12	3.20E-12	0.00E+00	8.06E-14	2.51E-15	8.31E-14	5.99E-13	8.06E-14	1.80E-12	1.80E-12	1.28E-12	1.52E-13
Hexachlorobenzene	Cumulative	URBN	0.00E+00	1.38E-13	4.31E-15	1.42E-13	0.00E+00	1.38E-13	4.02E-15	1.42E-13	5.48E-12	5.48E-12	0.00E+00	1.38E-13	4.31E-15	1.42E-13	5.99E-13	1.38E-13	1.80E-12	1.80E-12	1.28E-12	1.52E-13
Hexachlorobenzene	Project	ABOR	0.00E+00	6.96E-14	2.17E-15	7.18E-14	0.00E+00	6.96E-14	2.03E-15	7.17E-14	2.76E-12	2.76E-12	0.00E+00	6.96E-14	2.17E-15	7.18E-14	5.17E-13	6.96E-14	1.61E-12	1.61E-12	1.19E-12	1.38E-13
Hexachlorobenzene	Project	URBN	0.00E+00	1.20E-13	3.74E-15	1.23E-13	0.00E+00	1.20E-13	3.49E-15	1.23E-13	4.75E-12	4.75E-12	0.00E+00	1.20E-13	3.74E-15	1.23E-13	5.17E-13	1.20E-13	1.61E-12	1.61E-12	1.19E-12	1.38E-13
Hexachlorobenzene	Future	ABOR	0.00E+00	6.45E-14	2.01E-15	6.65E-14	0.00E+00	6.45E-14	1.88E-15	6.64E-14	2.56E-12	2.56E-12	0.00E+00	6.45E-14	2.01E-15	6.65E-14	4.85E-13	6.45E-14	1.28E-12	1.01E-12	1.14E-13	1.14E-13
Hexachlorobenzene	Future	URBN	0.00E+00	1.12E-13	3.51E-15	1.16E-13	0.00E+00	1.12E-13	3.28E-15	1.16E-13	4.46E-12	4.46E-12	0.00E+00	1.12E-13	3.51E-15	1.16E-13	4.85E-13	1.12E-13	1.28E-12	1.28E-12	1.01E-12	1.14E-13
Indeno(1,2,3,c,d)pyrene	Application	ABOR	2.61E-07	0.00E+00	1.72E-09	2.63E-07	2.44E-07	0.00E+00	1.61E-09	2.46E-07	1.11E-06	1.11E-06	2.61E-07	0.00E+00	1.72E-09	2.63E-07	1.39E-06	2.61E-07	3.82E-09	3.82E-09	7.15E-10	5.19E-10
Indeno(1,2,3,c,d)pyrene	Application	URBN	4.35E-07	0.00E+00	2.87E-09	4.38E-07	4.06E-07	0.00E+00	2.67E-09	4.09E-07	1.85E-06	1.85E-06	4.35E-07	0.00E+00	2.87E-09	4.38E-07	1.39E-06	4.35E-07	3.82E-09	3.82E-09	7.15E-10	5.19E-10
Indeno(1,2,3,c,d)pyrene	Cumulative	ABOR	2.41E-07	0.00E+00	1.59E-09	2.43E-07	2.25E-07	0.00E+00	1.48E-09	2.27E-07	1.03E-06	1.03E-06	2.41E-07	0.00E+00	1.59E-09	2.43E-07	1.31E-06	2.41E-07	3.73E-09	3.73E-09	6.99E-10	5.07E-10
Indeno(1,2,3,c,d)pyrene	Cumulative	URBN	4.13E-07	0.00E+00	2.72E-09	4.16E-07	3.86E-07	0.00E+00	2.54E-09	3.88E-07	1.76E-06	1.76E-06	4.13E-07	0.00E+00	2.72E-09	4.16E-07	1.31E-06	4.13E-07	3.73E-09	3.73E-09	6.99E-10	5.07E-10
Indeno(1,2,3,c,d)pyrene	Project	ABOR	2.09E-07	0.00E+00	1.37E-09	2.10E-07	1.95E-07	0.00E+00	1.28E-09	1.96E-07	8.89E-07	8.89E-07	2.09E-07	0.00E+00	1.37E-09	2.10E-07	1.13E-06	2.09E-07	3.48E-09	3.48E-09	6.53E-10	4.74E-10
Indeno(1,2,3,c,d)pyrene	Project	URBN	3.59E-07	0.00E+00	2.36E-09	3.61E-07	3.35E-07	0.00E+00	2.21E-09	3.37E-07	1.53E-06	1.53E-06	3.59E-07	0.00E+00	2.36E-09	3.61E-07	1.13E-06	3.59E-07	3.48E-09	3.48E-09	6.53E-10	4.74E-10
Indeno(1,2,3,c,d)pyrene	Future	ABOR	1.93E-07	0.00E+00	1.27E-09	1.95E-07	1.80E-07	0.00E+00	1.19E-09	1.82E-07	8.23E-07	8.23E-07	1.93E-07	0.00E+00	1.27E-09	1.95E-07	1.06E-06	1.93E-07	2.98E-09	2.98E-09	5.58E-10	4.05E-10
Indeno(1,2,3,c,d)pyrene	Future	URBN	3.37E-07	0.00E+00	2.22E-09	3.39E-07	3.14E-07	0.00E+00	2.07E-09	3.16E-07	1.44E-06	1.44E-06	3.37E-07	0.00E+00	2.22E-09	3.39E-07	1.06E-06	3.37E-07	2.98E-09	2.98E-09	5.58E-10	4.05E-10
Lead	Application	ABOR	7.57E-04	0.00E+00	3.05E-04	1.06E-03	7.06E-04	0.00E+00	2.85E-04	9.91E-04	2.02E-04	2.02E-04	7.57E-04	0.00E+00	3.05E-04	1.06E-03	9.45E-02	7.57E-04	4.79E-06	4.79E-06	6.14E-07	1.10E-06
Lead	Application	URBN	7.64E-04	0.00E+00	3.08E-04	1.07E-03	7.13E-04	0.00E+00	2.88E-04	1.00E-03	2.04E-04	2.04E-04	7.64E-04	0.00E+00	3.08E-04	1.07E-03	9.45E-02	7.64E-04	4.79E-06	4.79E-06	6.14E-07	1.10E-06
Lead	Cumulative	ABOR	7.57E-04	0.00E+00	3.05E-04	1.06E-03	7.06E-04	0.00E+00	2.85E-04	9.91E-04	2.02E-04	2.02E-04	7.57E-04	0.00E+00	3.05E-04	1.06E-03	9.45E-02	7.57E-04	4.79E-06	4.79E-06	6.14E-07	1.10E-06
Lead	Cumulative	URBN	7.64E-04	0.00E+00	3.08E-04	1.07E-03	7.13E-04	0.00E+00	2.88E-04	1.00E-03	2.04E-04	2.04E-04	7.64E-04	0.00E+00	3.08E-04	1.07E-03	9.45E-02	7.64E-04	4.79E-06	4.79E-06	6.14E-07	1.10E-06
Lead	Project	ABOR	8.92E-06	0.00E+00	3.68E-06	1.25E-05	8.32E-06	0.00E+00	3.36E-06	1.17E-05	2.38E-06	2.38E-06	8.92E-06	0.00E+00	3.68E-06	1.25E-05	1.28E-03	8.92E-06	2.24E-07	2.24E-07	2.91E-08	5.20E-08
Lead	Project	URBN	1.53E-05	0.00E+00	6.19E-06	2.15E-05	1.43E-05	0.00E+00	5.78E-06	2.01E-05	4.10E-06	4.10E-06	1.53E-05	0.00E+00	6.19E-06	2.15E-05	1.28E-03	1.53E-05	2.24E-07	2.24E-07	2.91E-08	5.20E-08
Lead	Future	ABOR	8.26E-06	0.00E+00	3.33E-06	1.16E-05	7.71E-06	0.00E+00	3.11E-06	1.08E-05	2.21E-06	2.21E-06	8.26E-06	0.00E+00	3.33E-06	1.16E-05	1.20E-03	8.26E-06	1.94E-07	1.94E-07	2.51E-08	4.49E-08
Lead	Future	URBN	1.44E-05	0.00E+00	5.81E-06	2.02E-05	1.34E-05	0.00E+00	5.43E-06	1.89E-05	3.85E-06	3.85E-06	1.44E-05	0.00E+00	5.81E-06	2.02E-05	1.20E-03	1.44E-05	1.94E-07	1.94E-07	2.51E-08	4.49E-08
Manganese	Application	ABOR	1.49E-03	0.00E+00	1.11E-02	1.26E-02	1.39E-03	0.00E+00	1.03E-02	1.17E-02	2.21E-03	2.21E-03	1.49E-03	0.00E+00	1.11E-02	1.26E-02	2.66E-01	1.49E-03	9.38E-05	9.38E-05	9.60E-06	1.76E-05
Manganese	Application	URBN	1.49E-03	0.00E+00	1.11E-02	1.26E-02	1.39E-03	0.00E+00	1.03E-02	1.17E-02	2.21E-03	2.21E-03	1.49E-03	0.00E+00	1.11E-02	1.26E-02	2.66E-01	1.49E-03	9.38E-05	9.38E-05	9.60E-06	1.76E-05
Manganese	Cumulative	ABOR	1.49E-03	0.00E+00	1.11E-02	1.26E-02	1.39E-03	0.00E+00	1.03E-02	1.17E-02	2.22E-03	2.22E-03	1.49E-03	0.00E+00	1.11E-02	1.26E-02	2.66E-01	1.49E-03	9.39E-05	9.39E-05	9.62E-06	1.77E-05
Manganese	Cumulative	URBN	1.49E-03	0.00E+00	1.11E-02	1.26E-02	1.39E-03	0.00E+00	1.03E-02	1.17E-02	2.22E-03	2.22E-03	1.49E-03	0.00E+00	1.11E-02	1.26E-02	2.66E-01	1.49E-03	9.39E-05	9.39E-05	9.62E-06	1.77E-05
Manganese	Project	ABOR	6.53E-07	0.00E+00	4.85E-06	5.50E-06	6.10E-07	0.00E+00	4.52E-06	5.13E-06	9.69E-07	9.69E-07	6.53E-07	0.00E+00	4.85E-06	5.50E-06	1.34E-04	6.53E-07	1.67E-07	1.67E-07	2.27E-08	3.21E-08
Manganese	Project	URBN	1.12E-06	0.00E+00	8.33E-06	9.46E-06	1.05E-06	0.00E+00	7.78E-06	8.83E-06	1.67E-06	1.67E-06	1.12E-06	0.00E+00	8.33E-06	9.46E-06	1.34E-04	1.12E-06	1.67E-07	1.67E-07	2.27E-08	3.21E-08
Manganese	Future	ABOR	6.05E-07	0.00E+00	4.49E-06	5.09E-06	5.65E-07	0.00E+00	4.19E-06	4.76E-06	8.98E-07	8.98E-07	6.05E-07	0.00E+00	4.49E-06	5.09E-06	1.26E-04	6.05E-07	1.47E-07	1.47E-07	2.01E-08	2.81E-08
Manganese	Future	URBN	1.06E-06	0.00E+00	7.83E-06	8.88E-06	9.85E-07	0.00E+00	7.31E-06	8.29E-06	1.57E-06	1.57E-06	1.06E-06	0.00E+00	7.83E-06	8.88E-06	1.26E-04	1.06E-06	1.47E-07	1.47E-07	2.01E-08	2.81E-08
Mercury	Application	ABOR	3.49E-09	0.00E+00	1.50E-09	5.00E-09	3.26E-09	0.00E+00	1.40E-09	4.66E-09	3.73E-09	3.73E-09	3.49E-09	0.00E+00	1.50E-09	5.00E-09	5.28E-08	3.49E-09	1.95E-06	1.95E-06	5.01E-07	2.31E-07
Mercury	Application	URBN	5.81E-09	0.00E+00	2.50E-09	8.30E-09	5.42E-09	0.00E+00	2.33E-09	7.75E-09	6.20E-09	6.20E-09	5.81E-09	0.00E+00	2.50E-09	8.30E-09	5.28E-08	5.81E-09	1.95E-06	1.95E-06	5.01E-07	2.31E-07
Mercury	Cumulative	ABOR	3.22E-09	0.00E+00	1.39E-09	4.61E-09	3.01E-09	0.00E+00	1.29E-09	4.30E-09	3.44E-09	3.44E-09	3.22E-09	0.00E+00	1.39E-09	4.61E-09	5.01E-08	3.22E-09	1.93E-06	1.93E-06	4.97E-07	2.29E-07
Mercury	Cumulative	URBN	5.51E-09	0.00E+00	2.37E-09	7.89E-09	5.15E-09	0.00E+00	2.21E-09	7.36E-09	5.89E-09	5.89E-09	5.51E-09	0.00E+00	2.37E-09	7.89E-09	5.01E-08	5.51E-09	1.93E-06	1.93E-06	4.97E-07	2.29E-07
Mercury	Project	ABOR	2.78E-09	0.00E+00	1.20E-09	3.98E-09	2.60E-09	0.00E+00	1.12E-09	3.72E-09	2.97E-09	2.97E-09	2.78E-09	0.00E+00	1.20E-09	3.98E-09	4.33E-08	2.78E-09	1.86E-06	1.86E-06	4.84E-07	2.20E-07
Mercury	Project	URBN	4.79E-09	0.00E+00	2.06E-09	6.85E-09	4.47E-09	0.00E+00	1.92E-09	6.39E-09	5.11E-09	5.11E-09	4.79E-09	0.00E+00	2.06E-09	6.85E-09	4.33E-08	4.79E-09	1.86E-06	1.86E-06	4.84E-07	2.20E-07
Mercury	Future	ABOR	2.58E-09	0.00E+00	1.11E-09	3.69E-09	2.41E-09	0.00E+00	1.04E-09	3.44E-09	2.75E-09	2.75E-09	2.58E-09	0.00E+00	1.11E-09	3.69E-09	4.05E-08	2.58E-09	1.71E-06	1.71E-06	4.57E-07	2.02E-07
Mercury	Future	URBN	4.50E-09	0.00E+00	1.93E-09	6.43E-09	4.20E-09	0.00E+00	1.81E-09	6.00E-09	4.80E-09	4.80E-09	4.50E-09	0.00E+00	1.93E-09	6.43E-09	4.05E-08	4.50E-09	1.71E-06	1.71E-06	4.57E-07	2.02E-07
Molybdenum	Application	ABOR	1.49E-04	0.00E+00	1.11E-03	1.26E-03	1.39E-04	0.00E+00	1.03E-03	1.17E-03	2.66E-04	2.66E-04	1.49E-04	0.00E+00								

Table B1-3 Summary of Chemical Concentrations Used to Estimate Exposures in Biotic Media

Chemical	Scenario	Site	Environmental Concentrations																				
			Plant Deposition	Plant Air	Plant Soil	Plant SUM	Berries Deposition	Berries Air	Berries Soil	Berries SUM	Root Soil	WildRoot Soil	WildPlant Deposition	WildPlant Air	WildPlant Soil	WildPlant SUM	Shellfish Marine	Seaweed Deposition	Wild Game ERA	Deer ERA	Ruffed grouse ERA	Snowshoe hare ERA	
			mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg ww
Phenanthrene	Application	URBN	0.00E+00	2.44E-10	4.08E-10	6.52E-10	0.00E+00	2.44E-10	3.81E-10	6.25E-10	3.18E-08	3.18E-08	0.00E+00	2.44E-10	4.08E-10	6.52E-10	1.22E-08	2.44E-10	1.67E-11	1.67E-11	2.85E-12	1.93E-12	
Phenanthrene	Cumulative	ABOR	0.00E+00	1.35E-10	2.27E-10	3.62E-10	0.00E+00	1.35E-10	2.12E-10	3.47E-10	1.76E-08	1.76E-08	0.00E+00	1.35E-10	2.27E-10	3.62E-10	1.16E-08	1.35E-10	1.59E-11	1.59E-11	2.77E-12	1.87E-12	
Phenanthrene	Cumulative	URBN	0.00E+00	2.32E-10	3.88E-10	6.20E-10	0.00E+00	2.32E-10	3.62E-10	5.94E-10	3.02E-08	3.02E-08	0.00E+00	2.32E-10	3.88E-10	6.20E-10	1.16E-08	2.32E-10	1.59E-11	1.59E-11	2.77E-12	1.87E-12	
Phenanthrene	Project	ABOR	0.00E+00	1.17E-10	1.96E-10	3.13E-10	0.00E+00	1.17E-10	1.83E-10	3.00E-10	1.53E-08	1.53E-08	0.00E+00	1.17E-10	1.96E-10	3.13E-10	9.98E-09	1.17E-10	1.46E-11	1.46E-11	2.57E-12	1.73E-12	
Phenanthrene	Project	URBN	0.00E+00	2.01E-10	3.37E-10	5.38E-10	0.00E+00	2.01E-10	3.14E-10	5.16E-10	2.62E-08	2.62E-08	0.00E+00	2.01E-10	3.37E-10	5.38E-10	9.98E-09	2.01E-10	1.46E-11	1.46E-11	2.57E-12	1.73E-12	
Phenanthrene	Future	ABOR	0.00E+00	1.08E-10	1.82E-10	2.90E-10	0.00E+00	1.08E-10	1.69E-10	2.78E-10	1.41E-08	1.41E-08	0.00E+00	1.08E-10	1.82E-10	2.90E-10	9.35E-09	1.08E-10	1.22E-11	1.22E-11	2.19E-12	1.47E-12	
Phenanthrene	Future	URBN	0.00E+00	1.89E-10	3.16E-10	5.06E-10	0.00E+00	1.89E-10	2.95E-10	4.84E-10	2.46E-08	2.46E-08	0.00E+00	1.89E-10	3.16E-10	5.06E-10	9.35E-09	1.89E-10	1.22E-11	1.22E-11	2.19E-12	1.47E-12	
Polychlorinated Biphenyls	Application	ABOR	0.00E+00	1.37E-11	4.92E-14	1.37E-11	0.00E+00	1.37E-11	4.59E-14	1.37E-11	1.54E-11	1.54E-11	0.00E+00	1.37E-11	4.92E-14	1.37E-11	6.49E-11	1.37E-11	5.61E-11	5.61E-11	9.69E-12	7.29E-12	
Polychlorinated Biphenyls	Application	URBN	0.00E+00	2.28E-11	8.17E-14	2.28E-11	0.00E+00	2.28E-11	7.63E-14	2.28E-11	2.57E-11	2.57E-11	0.00E+00	2.28E-11	8.17E-14	2.28E-11	6.49E-11	2.28E-11	5.61E-11	5.61E-11	9.69E-12	7.29E-12	
Polychlorinated Biphenyls	Cumulative	ABOR	0.00E+00	1.26E-11	4.53E-14	1.27E-11	0.00E+00	1.26E-11	4.23E-14	1.27E-11	1.42E-11	1.42E-11	0.00E+00	1.26E-11	4.53E-14	1.27E-11	6.16E-11	1.26E-11	5.49E-11	5.49E-11	9.51E-12	7.15E-12	
Polychlorinated Biphenyls	Cumulative	URBN	0.00E+00	2.16E-11	7.76E-14	2.17E-11	0.00E+00	2.16E-11	7.25E-14	2.17E-11	2.44E-11	2.44E-11	0.00E+00	2.16E-11	7.76E-14	2.17E-11	6.16E-11	2.16E-11	5.49E-11	5.49E-11	9.51E-12	7.15E-12	
Polychlorinated Biphenyls	Project	ABOR	0.00E+00	1.09E-11	3.92E-14	1.10E-11	0.00E+00	1.09E-11	3.66E-14	1.09E-11	1.23E-11	1.23E-11	0.00E+00	1.09E-11	3.92E-14	1.10E-11	5.32E-11	1.09E-11	5.12E-11	5.12E-11	8.86E-12	6.66E-12	
Polychlorinated Biphenyls	Project	URBN	0.00E+00	1.88E-11	6.74E-14	1.88E-11	0.00E+00	1.88E-11	6.29E-14	1.88E-11	2.12E-11	2.12E-11	0.00E+00	1.88E-11	6.74E-14	1.88E-11	5.32E-11	1.88E-11	5.12E-11	5.12E-11	8.86E-12	6.66E-12	
Polychlorinated Biphenyls	Future	ABOR	0.00E+00	1.01E-11	3.63E-14	1.01E-11	0.00E+00	1.01E-11	3.39E-14	1.01E-11	1.14E-11	1.14E-11	0.00E+00	1.01E-11	3.63E-14	1.01E-11	4.38E-11	1.01E-11	4.38E-11	4.38E-11	7.60E-12	5.71E-12	
Polychlorinated Biphenyls	Future	URBN	0.00E+00	1.76E-11	6.33E-14	1.77E-11	0.00E+00	1.76E-11	5.91E-14	1.77E-11	1.99E-11	1.99E-11	0.00E+00	1.76E-11	6.33E-14	1.77E-11	4.98E-11	1.76E-11	4.38E-11	4.38E-11	7.60E-12	5.71E-12	
Pyrene	Application	ABOR	0.00E+00	1.02E-09	1.22E-09	2.22E-09	0.00E+00	1.02E-09	1.12E-09	2.14E-09	1.09E-07	1.09E-07	0.00E+00	1.02E-09	1.22E-09	2.22E-09	1.00E-07	1.02E-09	8.88E-11	8.88E-11	2.01E-11	1.31E-11	
Pyrene	Application	URBN	0.00E+00	1.70E-09	2.00E-09	3.70E-09	0.00E+00	1.70E-09	1.87E-09	3.56E-09	1.81E-07	1.81E-07	0.00E+00	1.70E-09	2.00E-09	3.70E-09	1.00E-07	1.70E-09	8.88E-11	8.88E-11	2.01E-11	1.31E-11	
Pyrene	Cumulative	ABOR	0.00E+00	9.39E-10	1.11E-09	2.05E-09	0.00E+00	9.39E-10	1.03E-09	1.97E-09	1.00E-07	1.00E-07	0.00E+00	9.39E-10	1.11E-09	2.05E-09	9.53E-08	9.39E-10	8.69E-11	8.69E-11	1.97E-11	1.29E-11	
Pyrene	Cumulative	URBN	0.00E+00	1.61E-09	1.90E-09	3.51E-09	0.00E+00	1.61E-09	1.77E-09	3.38E-09	1.72E-07	1.72E-07	0.00E+00	1.61E-09	1.90E-09	3.51E-09	9.53E-08	1.61E-09	8.69E-11	8.69E-11	1.97E-11	1.29E-11	
Pyrene	Project	ABOR	0.00E+00	8.12E-10	9.58E-10	1.77E-09	0.00E+00	8.12E-10	8.94E-10	1.71E-09	8.68E-08	8.68E-08	0.00E+00	8.12E-10	9.58E-10	1.77E-09	8.23E-08	8.12E-10	8.07E-11	8.07E-11	1.83E-11	1.20E-11	
Pyrene	Project	URBN	0.00E+00	1.40E-09	1.65E-09	3.04E-09	0.00E+00	1.40E-09	1.54E-09	2.93E-09	1.49E-07	1.49E-07	0.00E+00	1.40E-09	1.65E-09	3.04E-09	8.23E-08	1.40E-09	8.07E-11	8.07E-11	1.83E-11	1.20E-11	
Pyrene	Future	ABOR	0.00E+00	7.52E-10	8.88E-10	1.64E-09	0.00E+00	7.52E-10	8.28E-10	1.58E-09	8.05E-08	8.05E-08	0.00E+00	7.52E-10	8.88E-10	1.64E-09	7.71E-08	7.52E-10	6.90E-11	6.90E-11	1.57E-11	1.03E-11	
Pyrene	Future	URBN	0.00E+00	1.31E-09	1.55E-09	2.86E-09	0.00E+00	1.31E-09	1.44E-09	2.76E-09	1.40E-07	1.40E-07	0.00E+00	1.31E-09	1.55E-09	2.86E-09	7.71E-08	1.31E-09	6.90E-11	6.90E-11	1.57E-11	1.03E-11	
Selenium	Application	ABOR	2.99E-04	0.00E+00	1.73E-04	4.71E-04	2.79E-04	0.00E+00	1.61E-04	4.40E-04	1.95E-04	1.95E-04	0.00E+00	2.99E-04	0.00E+00	1.73E-04	4.71E-04	5.34E-02	2.99E-04	6.89E-03	1.49E-04	6.89E-03	2.50E-05
Selenium	Application	URBN	3.00E-04	0.00E+00	1.74E-04	4.74E-04	2.80E-04	0.00E+00	1.62E-04	4.42E-04	1.96E-04	1.96E-04	0.00E+00	3.00E-04	0.00E+00	1.74E-04	4.74E-04	5.34E-02	3.00E-04	6.89E-03	1.49E-04	6.89E-03	2.50E-05
Selenium	Cumulative	ABOR	2.99E-04	0.00E+00	1.73E-04	4.72E-04	2.79E-04	0.00E+00	1.62E-04	4.41E-04	1.95E-04	1.95E-04	0.00E+00	2.99E-04	0.00E+00	1.73E-04	4.72E-04	5.33E-02	2.99E-04	6.89E-03	1.49E-04	6.89E-03	2.50E-05
Selenium	Cumulative	URBN	3.00E-04	0.00E+00	1.73E-04	4.73E-04	2.80E-04	0.00E+00	1.62E-04	4.42E-04	1.96E-04	1.96E-04	0.00E+00	3.00E-04	0.00E+00	1.73E-04	4.73E-04	5.33E-02	3.00E-04	6.89E-03	1.49E-04	6.89E-03	2.50E-05
Selenium	Project	ABOR	5.85E-07	0.00E+00	3.39E-07	9.24E-07	5.46E-07	0.00E+00	3.16E-07	8.62E-07	3.82E-07	3.82E-07	0.00E+00	5.85E-07	0.00E+00	3.39E-07	9.24E-07	1.20E-04	5.85E-07	6.75E-05	9.94E-07	6.75E-05	1.80E-07
Selenium	Project	URBN	1.01E-06	0.00E+00	5.82E-07	1.59E-06	9.39E-07	0.00E+00	5.43E-07	1.48E-06	6.57E-07	6.57E-07	0.00E+00	1.01E-06	0.00E+00	5.82E-07	1.59E-06	1.20E-04	1.01E-06	6.75E-05	9.94E-07	6.75E-05	1.80E-07
Selenium	Future	ABOR	5.42E-07	0.00E+00	3.14E-07	8.56E-07	5.06E-07	0.00E+00	2.93E-07	7.99E-07	3.54E-07	3.54E-07	0.00E+00	5.42E-07	0.00E+00	3.14E-07	8.56E-07	1.13E-04	5.42E-07	6.76E-05	9.97E-07	6.76E-05	1.81E-07
Selenium	Future	URBN	9.45E-07	0.00E+00	5.47E-07	1.49E-06	8.82E-07	0.00E+00	5.10E-07	1.39E-06	6.17E-07	6.17E-07	0.00E+00	9.45E-07	0.00E+00	5.47E-07	1.49E-06	1.13E-04	9.45E-07	6.76E-05	9.97E-07	6.76E-05	1.81E-07
Strontium	Application	ABOR	3.73E-04	0.00E+00	2.77E-02	2.81E-02	3.48E-04	0.00E+00	2.58E-02	2.62E-02	2.77E-03	2.77E-03	0.00E+00	3.73E-04	0.00E+00	2.77E-02	2.81E-02	6.67E-02	3.73E-04	2.13E-05	1.90E-06	3.74E-06	
Strontium	Application	URBN	3.75E-04	0.00E+00	2.78E-02	2.82E-02	3.50E-04	0.00E+00	2.59E-02	2.63E-02	2.78E-03	2.78E-03	0.00E+00	3.75E-04	0.00E+00	2.78E-02	2.82E-02	6.67E-02	3.75E-04	2.13E-05	1.90E-06	3.74E-06	
Strontium	Cumulative	ABOR	3.74E-04	0.00E+00	2.77E-02	2.81E-02	3.49E-04	0.00E+00	2.59E-02	2.62E-02	2.77E-03	2.77E-03	0.00E+00	3.74E-04	0.00E+00	2.77E-02	2.81E-02	6.66E-02	3.74E-04	2.13E-05	1.90E-06	3.74E-06	
Strontium	Cumulative	URBN	3.74E-04	0.00E+00	2.78E-02	2.81E-02	3.49E-04	0.00E+00	2.59E-02	2.63E-02	2.78E-03	2.78E-03	0.00E+00	3.74E-04	0.00E+00	2.78E-02	2.81E-02	6.66E-02	3.74E-04	2.13E-05	1.90E-06	3.74E-06	
Strontium	Project	ABOR	5.85E-07	0.00E+00	4.34E-05	4.40E-05	5.46E-07	0.00E+00	4.05E-05	4.11E-05	4.34E-06	4.34E-06	0.00E+00	5.85E-07	0.00E+00	4.34E-05	4.40E-05	1.20E-04	5.85E-07	1.35E-07	1.35E-07	1.23E-08	2.42E-08
Strontium	Project	URBN	1.01E-06	0.00E+00	7.46E-05	7.56E-05	9.39E-07	0.00E+00	6.97E-05	7.06E-05	7.46E-06	7.46E-06	0.00E+00	1.01E-06	0.00E+00	7.46E-05	7.56E-05	1.20E-04	1.01E-06	1.35E-07	1.35E-07	1.23E-08	2.42E-08
Strontium	Future	ABOR	5.42E-07	0.00E+00	4.02E-05	4.08E-05	5.06E-07	0.00E+00	3.75E-05	3.80E-05	4.02E-06	4.02E-06	0.00E+00	5.42E-07	0.00E+00	4.02E-05	4.08E-05	1.13E-04	5.42E-07	1.35E-07	1.35E-07	1.24E-08	2.43E-08
Strontium	Future	URBN	9.45E-07	0.00E+00	7.01E-05	7.10E-05	8.82E-07	0.00E+00	6.54E-05	6.63E-05	7.01E-06	7.01E-06	0.00E+00	9.45E-07	0.00E+00	7.01E-05	7.10E-05	1.13E-04	9.45E-07	1.35E-07	1.35E-07	1.24E-08	2.43E-08
Vanadium	Application	ABOR	2.25E-03	0.00E+00	3.68E-04	2.62E-03	2.10E-03	0.00E+00	3.43E-04	2.45E-03	2.01E-04	2.01E-04	0.00E+00	2.25E-03	0.00E+00	3.68E-04	2.62E-03	1.36E-02	2.25E-03	7.60E-04	7.60E-04	8.13E-05	1.52E-04
Vanadium	Application	URBN	2.25E-03	0.00E+00	3.68E-04	2.62E-03	2.10E-03	0.															



## **APPENDIX C INHALATION RESULTS**

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Recreational Area	1	Barnet Marine Park	SO2	10-min Max	1.2E-01	1.2E-01	1.2E-01	4.8E-03	4.8E-03
Acute	Urban Community	2	Belcarra	SO2	10-min Max	1.2E-01	1.2E-01	1.2E-01	3.8E-03	3.8E-03
Acute	Recreational Area	3	Belcarra Regional Park	SO2	10-min Max	1.2E-01	1.2E-01	1.2E-01	6.3E-03	6.3E-03
Acute	Urban Community	4	Brentwood	SO2	10-min Max	1.6E-01	1.6E-01	1.6E-01	8.6E-03	8.6E-03
Acute	Urban Community	5	Burnaby Heights	SO2	10-min Max	1.8E-01	1.8E-01	1.8E-01	6.7E-03	6.7E-03
Acute	Recreational Area	6	Burnaby Lake	SO2	10-min Max	1.1E-01	1.1E-01	1.1E-01	1.2E-03	1.2E-03
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	SO2	10-min Max	1.1E-01	1.1E-01	1.1E-01	2.4E-03	2.4E-03
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	SO2	10-min Max	1.7E-01	1.7E-01	1.7E-01	6.7E-03	6.7E-03
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	SO2	10-min Max	1.2E-01	1.2E-01	1.2E-01	1.8E-03	1.8E-03
Acute	Aboriginal Community	10	Burrard Inlet 3	SO2	10-min Max	1.5E-01	1.5E-01	1.5E-01	5.4E-03	5.4E-03
Acute	Recreational Area	11	Burrard Inlet Conservation Area	SO2	10-min Max	1.4E-01	1.4E-01	1.4E-01	1.8E-02	1.8E-02
Acute	Urban Community	12	Capital Hill	SO2	10-min Max	1.8E-01	1.9E-01	1.9E-01	1.1E-02	1.1E-02
Acute	Recreational Area	13	Cates Park	SO2	10-min Max	1.4E-01	1.4E-01	1.4E-01	8.8E-03	8.8E-03
Acute	Urban Community	14	Coombe	SO2	10-min Max	1.1E-01	1.1E-01	1.1E-01	2.8E-03	2.8E-03
Acute	Urban Community	15	Coquitlam	SO2	10-min Max	1.1E-01	1.1E-01	1.1E-01	2.5E-03	2.5E-03
Acute	Urban Community	16	Cove Cliff	SO2	10-min Max	1.2E-01	1.2E-01	1.2E-01	4.4E-03	4.4E-03
Acute	Assisted-Living Complex	17	Dania Manor	SO2	10-min Max	1.1E-01	1.1E-01	1.1E-01	1.9E-03	1.9E-03
Acute	Urban Community	18	Deep Cove	SO2	10-min Max	1.1E-01	1.1E-01	1.1E-01	3.3E-03	3.3E-03
Acute	Urban Community	19	Dollarton	SO2	10-min Max	1.3E-01	1.4E-01	1.4E-01	1.0E-02	1.0E-02
Acute	Urban Community	20	Douglas Gilpin	SO2	10-min Max	1.2E-01	1.2E-01	1.2E-01	2.6E-03	2.6E-03
Acute	Recreational Area	21	Duthie Union Park	SO2	10-min Max	1.4E-01	1.4E-01	1.4E-01	3.0E-03	3.0E-03
Acute	School	22	École Capitol Hill Elementary School	SO2	10-min Max	1.7E-01	1.7E-01	1.7E-01	8.3E-03	8.3E-03
Acute	School	23	École Westridge Elementary School	SO2	10-min Max	1.4E-01	1.4E-01	1.4E-01	1.0E-02	1.0E-02
Acute	School	24	Forest Grove Elementary School	SO2	10-min Max	1.1E-01	1.1E-01	1.1E-01	2.3E-03	2.3E-03
Acute	Urban Community	25	Government Road	SO2	10-min Max	1.1E-01	1.1E-01	1.1E-01	1.6E-03	1.6E-03
Acute	Recreational Area	26	Kensington Pitch & Putt	SO2	10-min Max	1.6E-01	1.6E-01	1.6E-01	8.3E-03	8.3E-03
Acute	Urban Community	27	Lake City	SO2	10-min Max	1.2E-01	1.2E-01	1.2E-01	2.5E-03	2.5E-03
Acute	Urban Community	28	Lochdale	SO2	10-min Max	1.4E-01	1.4E-01	1.4E-01	4.0E-03	4.0E-03
Acute	School	29	Lochdale Community School	SO2	10-min Max	1.4E-01	1.4E-01	1.4E-01	2.5E-03	2.5E-03
Acute	Urban Community	30	Lyndhurst	SO2	10-min Max	1.1E-01	1.1E-01	1.1E-01	2.1E-03	2.1E-03
Acute	School	31	Montecito Elementary School	SO2	10-min Max	1.2E-01	1.2E-01	1.2E-01	1.5E-03	1.5E-03
Acute	Recreational Area	32	Mount Seymour Provincial Park	SO2	10-min Max	1.3E-01	1.3E-01	1.3E-01	6.0E-03	6.0E-03
Acute	Recreational Area	33	Northlands Golf Course	SO2	10-min Max	1.3E-01	1.3E-01	1.3E-01	4.5E-03	4.5E-03
Acute	Urban Community	34	Parkcrest Aubrey	SO2	10-min Max	1.5E-01	1.5E-01	1.5E-01	1.1E-02	1.1E-02
Acute	Urban Community	35	Port Moody	SO2	10-min Max	1.2E-01	1.2E-01	1.2E-01	5.9E-03	5.9E-03

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	SO2	10-min Max	1.4E-01	1.4E-01	1.4E-01	5.3E-03	5.3E-03
Acute	Aboriginal Community	37	Seymour Creek 2	SO2	10-min Max	1.6E-01	1.6E-01	1.6E-01	2.1E-03	3.7E-03
Acute	Recreational Area	38	Seymour Golf & Country Club	SO2	10-min Max	1.4E-01	1.4E-01	1.4E-01	8.5E-03	8.5E-03
Acute	Urban Community	39	Seymour Heights	SO2	10-min Max	1.2E-01	1.2E-01	1.2E-01	2.8E-03	2.8E-03
Acute	School	40	Seymour Heights Elementary School	SO2	10-min Max	1.2E-01	1.3E-01	1.2E-01	2.0E-03	2.0E-03
Acute	School	41	Sherwood Park Elementary School	SO2	10-min Max	1.3E-01	1.3E-01	1.3E-01	9.8E-03	9.8E-03
Acute	Urban Community	42	Simon Fraser University	SO2	10-min Max	1.3E-01	1.3E-01	1.3E-01	3.3E-03	3.3E-03
Acute	Urban Community	43	Sperling Broadway	SO2	10-min Max	1.3E-01	1.3E-01	1.3E-01	1.8E-03	1.8E-03
Acute	Recreational Area	44	Takaya Golf Course	SO2	10-min Max	1.4E-01	1.4E-01	1.4E-01	3.6E-03	3.6E-03
Acute	School	45	University Highlands Elementary	SO2	10-min Max	1.2E-01	1.2E-01	1.2E-01	4.2E-03	4.2E-03
Acute	Urban Community	46	Westridge	SO2	10-min Max	1.5E-01	1.5E-01	1.5E-01	1.2E-02	1.2E-02
Acute	Residence	47	Westridge 1	SO2	10-min Max	1.4E-01	1.4E-01	1.4E-01	1.6E-02	1.6E-02
Acute	Residence	48	Westridge 2	SO2	10-min Max	1.3E-01	1.3E-01	1.3E-01	1.9E-02	1.9E-02
Acute	Residence	49	Westridge 3	SO2	10-min Max	1.4E-01	1.4E-01	1.4E-01	1.5E-02	1.5E-02
Acute	Recreational Area	50	Westridge Park	SO2	10-min Max	1.3E-01	1.3E-01	1.3E-01	5.4E-03	5.4E-03
Acute	Urban Community	51	Willingdon Heights	SO2	10-min Max	1.6E-01	1.6E-01	1.6E-01	6.1E-03	6.1E-03
Acute	Urban Community	52	Windsor Park	SO2	10-min Max	1.3E-01	1.3E-01	1.3E-01	3.2E-03	3.2E-03
Acute	MPOI	MPOI	MPOI	SO2	10-min Max	2.2E-01	2.2E-01	2.2E-01	6.7E-02	6.7E-02
Acute	Recreational Area	1	Barnet Marine Park	Acetaldehyde	1-h Max	1.1E-03	1.1E-03	1.1E-03	8.8E-05	8.8E-05
Acute	Urban Community	2	Belcarra	Acetaldehyde	1-h Max	1.1E-03	1.1E-03	1.1E-03	6.0E-05	6.0E-05
Acute	Recreational Area	3	Belcarra Regional Park	Acetaldehyde	1-h Max	1.2E-03	1.2E-03	1.2E-03	1.2E-04	1.2E-04
Acute	Urban Community	4	Brentwood	Acetaldehyde	1-h Max	2.3E-03	2.3E-03	2.3E-03	1.6E-04	1.6E-04
Acute	Urban Community	5	Burnaby Heights	Acetaldehyde	1-h Max	3.3E-03	3.3E-03	3.3E-03	1.2E-04	1.2E-04
Acute	Recreational Area	6	Burnaby Lake	Acetaldehyde	1-h Max	5.6E-04	5.6E-04	5.6E-04	2.2E-05	2.2E-05
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Acetaldehyde	1-h Max	7.3E-04	7.4E-04	7.4E-04	4.4E-05	4.4E-05
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Acetaldehyde	1-h Max	2.5E-03	2.6E-03	2.6E-03	1.3E-04	1.3E-04
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Acetaldehyde	1-h Max	8.5E-04	8.6E-04	8.6E-04	3.5E-05	3.5E-05
Acute	Aboriginal Community	10	Burrard Inlet 3	Acetaldehyde	1-h Max	2.3E-03	2.4E-03	2.4E-03	1.0E-04	1.0E-04
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Acetaldehyde	1-h Max	1.6E-03	1.6E-03	1.6E-03	3.3E-04	3.3E-04
Acute	Urban Community	12	Capital Hill	Acetaldehyde	1-h Max	3.2E-03	3.2E-03	3.2E-03	2.1E-04	2.1E-04
Acute	Recreational Area	13	Cates Park	Acetaldehyde	1-h Max	2.0E-03	2.0E-03	2.0E-03	1.6E-04	1.6E-04
Acute	Urban Community	14	Coombe	Acetaldehyde	1-h Max	7.2E-04	7.6E-04	7.6E-04	4.9E-05	4.9E-05
Acute	Urban Community	15	Coquitlam	Acetaldehyde	1-h Max	3.6E-04	3.7E-04	3.7E-04	4.5E-05	4.5E-05
Acute	Urban Community	16	Cove Cliff	Acetaldehyde	1-h Max	1.2E-03	1.2E-03	1.2E-03	7.1E-05	7.1E-05
Acute	Assisted-Living Complex	17	Dania Manor	Acetaldehyde	1-h Max	6.7E-04	6.8E-04	6.8E-04	3.4E-05	3.4E-05

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	18	Deep Cove	Acetaldehyde	1-h Max	8.0E-04	8.1E-04	8.1E-04	6.3E-05	6.3E-05
Acute	Urban Community	19	Dollarton	Acetaldehyde	1-h Max	1.9E-03	1.9E-03	1.9E-03	1.9E-04	1.9E-04
Acute	Urban Community	20	Douglas Gilpin	Acetaldehyde	1-h Max	8.3E-04	8.5E-04	8.5E-04	4.6E-05	4.6E-05
Acute	Recreational Area	21	Duthie Union Park	Acetaldehyde	1-h Max	1.5E-03	1.5E-03	1.5E-03	5.4E-05	5.4E-05
Acute	School	22	École Capitol Hill Elementary School	Acetaldehyde	1-h Max	2.4E-03	2.4E-03	2.4E-03	1.5E-04	1.5E-04
Acute	School	23	École Westridge Elementary School	Acetaldehyde	1-h Max	1.6E-03	1.6E-03	1.6E-03	1.9E-04	1.9E-04
Acute	School	24	Forest Grove Elementary School	Acetaldehyde	1-h Max	6.1E-04	6.2E-04	6.2E-04	4.5E-05	4.5E-05
Acute	Urban Community	25	Government Road	Acetaldehyde	1-h Max	7.0E-04	7.1E-04	7.1E-04	2.9E-05	2.9E-05
Acute	Recreational Area	26	Kensington Pitch & Putt	Acetaldehyde	1-h Max	2.1E-03	2.1E-03	2.1E-03	1.5E-04	1.5E-04
Acute	Urban Community	27	Lake City	Acetaldehyde	1-h Max	7.6E-04	7.7E-04	7.7E-04	4.6E-05	4.6E-05
Acute	Urban Community	28	Lochdale	Acetaldehyde	1-h Max	1.5E-03	1.5E-03	1.5E-03	7.4E-05	7.4E-05
Acute	School	29	Lochdale Community School	Acetaldehyde	1-h Max	1.5E-03	1.5E-03	1.5E-03	4.6E-05	4.6E-05
Acute	Urban Community	30	Lyndhurst	Acetaldehyde	1-h Max	4.3E-04	4.3E-04	4.3E-04	3.7E-05	3.7E-05
Acute	School	31	Montecito Elementary School	Acetaldehyde	1-h Max	8.4E-04	8.5E-04	8.5E-04	2.9E-05	2.9E-05
Acute	Recreational Area	32	Mount Seymour Provincial Park	Acetaldehyde	1-h Max	1.5E-03	1.5E-03	1.5E-03	1.1E-04	1.1E-04
Acute	Recreational Area	33	Northlands Golf Course	Acetaldehyde	1-h Max	1.3E-03	1.4E-03	1.4E-03	7.7E-05	7.7E-05
Acute	Urban Community	34	Parkcrest Aubrey	Acetaldehyde	1-h Max	1.8E-03	1.8E-03	1.8E-03	2.1E-04	2.1E-04
Acute	Urban Community	35	Port Moody	Acetaldehyde	1-h Max	5.5E-04	5.5E-04	5.5E-04	6.0E-05	6.0E-05
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Acetaldehyde	1-h Max	1.9E-03	1.9E-03	1.9E-03	9.4E-05	9.4E-05
Acute	Aboriginal Community	37	Seymour Creek 2	Acetaldehyde	1-h Max	2.7E-03	2.7E-03	2.7E-03	4.6E-05	4.6E-05
Acute	Recreational Area	38	Seymour Golf & Country Club	Acetaldehyde	1-h Max	1.6E-03	1.6E-03	1.6E-03	1.5E-04	1.5E-04
Acute	Urban Community	39	Seymour Heights	Acetaldehyde	1-h Max	1.1E-03	1.2E-03	1.2E-03	5.4E-05	5.4E-05
Acute	School	40	Seymour Heights Elementary School	Acetaldehyde	1-h Max	1.1E-03	1.1E-03	1.1E-03	3.9E-05	3.9E-05
Acute	School	41	Sherwood Park Elementary School	Acetaldehyde	1-h Max	1.5E-03	1.5E-03	1.5E-03	1.8E-04	1.8E-04
Acute	Urban Community	42	Simon Fraser University	Acetaldehyde	1-h Max	1.2E-03	1.2E-03	1.2E-03	6.2E-05	6.2E-05
Acute	Urban Community	43	Sperling Broadway	Acetaldehyde	1-h Max	9.9E-04	1.0E-03	1.0E-03	3.4E-05	3.4E-05
Acute	Recreational Area	44	Takaya Golf Course	Acetaldehyde	1-h Max	1.4E-03	1.4E-03	1.4E-03	6.2E-05	6.2E-05
Acute	School	45	University Highlands Elementary	Acetaldehyde	1-h Max	7.2E-04	7.3E-04	7.3E-04	7.7E-05	7.7E-05
Acute	Urban Community	46	Westridge	Acetaldehyde	1-h Max	1.7E-03	1.7E-03	1.7E-03	2.3E-04	2.3E-04
Acute	Residence	47	Westridge 1	Acetaldehyde	1-h Max	1.4E-03	1.5E-03	1.5E-03	3.0E-04	3.0E-04
Acute	Residence	48	Westridge 2	Acetaldehyde	1-h Max	1.5E-03	1.5E-03	1.5E-03	3.6E-04	3.6E-04
Acute	Residence	49	Westridge 3	Acetaldehyde	1-h Max	1.6E-03	1.6E-03	1.6E-03	2.8E-04	2.8E-04
Acute	Recreational Area	50	Westridge Park	Acetaldehyde	1-h Max	1.4E-03	1.4E-03	1.4E-03	1.0E-04	1.0E-04
Acute	Urban Community	51	Willingdon Heights	Acetaldehyde	1-h Max	2.3E-03	2.3E-03	2.3E-03	1.1E-04	1.1E-04
Acute	Urban Community	52	Windsor Park	Acetaldehyde	1-h Max	1.3E-03	1.3E-03	1.3E-03	5.4E-05	5.4E-05

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	MPOI	MPOI	MPOI	Acetaldehyde	1-h Max	5.1E-03	5.2E-03	5.2E-03	1.2E-03	1.2E-03
Acute	Recreational Area	1	Barnet Marine Park	Acrolein	1-h Max	9.6E-03	9.7E-03	9.7E-03	7.8E-04	7.8E-04
Acute	Urban Community	2	Belcarra	Acrolein	1-h Max	9.6E-03	9.8E-03	9.8E-03	5.3E-04	5.3E-04
Acute	Recreational Area	3	Belcarra Regional Park	Acrolein	1-h Max	1.1E-02	1.1E-02	1.1E-02	1.0E-03	1.0E-03
Acute	Urban Community	4	Brentwood	Acrolein	1-h Max	2.0E-02	2.0E-02	2.0E-02	1.4E-03	1.4E-03
Acute	Urban Community	5	Burnaby Heights	Acrolein	1-h Max	2.9E-02	2.9E-02	2.9E-02	1.1E-03	1.1E-03
Acute	Recreational Area	6	Burnaby Lake	Acrolein	1-h Max	4.9E-03	5.0E-03	5.0E-03	2.0E-04	2.0E-04
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Acrolein	1-h Max	6.5E-03	6.6E-03	6.6E-03	3.9E-04	3.9E-04
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Acrolein	1-h Max	2.3E-02	2.3E-02	2.3E-02	1.1E-03	1.1E-03
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Acrolein	1-h Max	7.5E-03	7.6E-03	7.6E-03	3.1E-04	3.1E-04
Acute	Aboriginal Community	10	Burrard Inlet 3	Acrolein	1-h Max	2.1E-02	2.1E-02	2.1E-02	9.0E-04	9.0E-04
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Acrolein	1-h Max	1.4E-02	1.4E-02	1.4E-02	2.9E-03	2.9E-03
Acute	Urban Community	12	Capital Hill	Acrolein	1-h Max	2.8E-02	2.8E-02	2.8E-02	1.9E-03	1.9E-03
Acute	Recreational Area	13	Cates Park	Acrolein	1-h Max	1.7E-02	1.8E-02	1.8E-02	1.5E-03	1.5E-03
Acute	Urban Community	14	Coombe	Acrolein	1-h Max	6.4E-03	6.8E-03	6.8E-03	4.3E-04	4.3E-04
Acute	Urban Community	15	Coquitlam	Acrolein	1-h Max	3.2E-03	3.3E-03	3.3E-03	4.0E-04	4.0E-04
Acute	Urban Community	16	Cove Cliff	Acrolein	1-h Max	1.1E-02	1.1E-02	1.1E-02	6.3E-04	6.3E-04
Acute	Assisted-Living Complex	17	Dania Manor	Acrolein	1-h Max	6.0E-03	6.0E-03	6.0E-03	3.0E-04	3.0E-04
Acute	Urban Community	18	Deep Cove	Acrolein	1-h Max	7.1E-03	7.2E-03	7.2E-03	5.6E-04	5.6E-04
Acute	Urban Community	19	Dollarton	Acrolein	1-h Max	1.7E-02	1.7E-02	1.7E-02	1.7E-03	1.7E-03
Acute	Urban Community	20	Douglas Gilpin	Acrolein	1-h Max	7.4E-03	7.5E-03	7.5E-03	4.1E-04	4.1E-04
Acute	Recreational Area	21	Duthie Union Park	Acrolein	1-h Max	1.3E-02	1.4E-02	1.4E-02	4.8E-04	4.8E-04
Acute	School	22	École Capitol Hill Elementary School	Acrolein	1-h Max	2.1E-02	2.1E-02	2.1E-02	1.4E-03	1.4E-03
Acute	School	23	École Westridge Elementary School	Acrolein	1-h Max	1.4E-02	1.5E-02	1.5E-02	1.7E-03	1.7E-03
Acute	School	24	Forest Grove Elementary School	Acrolein	1-h Max	5.4E-03	5.5E-03	5.5E-03	4.0E-04	4.0E-04
Acute	Urban Community	25	Government Road	Acrolein	1-h Max	6.2E-03	6.3E-03	6.3E-03	2.6E-04	2.6E-04
Acute	Recreational Area	26	Kensington Pitch & Putt	Acrolein	1-h Max	1.9E-02	1.9E-02	1.9E-02	1.4E-03	1.4E-03
Acute	Urban Community	27	Lake City	Acrolein	1-h Max	6.8E-03	6.9E-03	6.9E-03	4.1E-04	4.1E-04
Acute	Urban Community	28	Lochdale	Acrolein	1-h Max	1.3E-02	1.4E-02	1.4E-02	6.6E-04	6.6E-04
Acute	School	29	Lochdale Community School	Acrolein	1-h Max	1.3E-02	1.3E-02	1.3E-02	4.1E-04	4.1E-04
Acute	Urban Community	30	Lyndhurst	Acrolein	1-h Max	3.8E-03	3.8E-03	3.8E-03	3.3E-04	3.3E-04
Acute	School	31	Montecito Elementary School	Acrolein	1-h Max	7.4E-03	7.5E-03	7.5E-03	2.6E-04	2.6E-04
Acute	Recreational Area	32	Mount Seymour Provincial Park	Acrolein	1-h Max	1.3E-02	1.3E-02	1.3E-02	9.8E-04	9.8E-04
Acute	Recreational Area	33	Northlands Golf Course	Acrolein	1-h Max	1.2E-02	1.2E-02	1.2E-02	6.8E-04	6.8E-04
Acute	Urban Community	34	Parkcrest Aubrey	Acrolein	1-h Max	1.6E-02	1.6E-02	1.6E-02	1.8E-03	1.8E-03

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	35	Port Moody	Acrolein	1-h Max	4.9E-03	4.9E-03	4.9E-03	5.3E-04	5.3E-04
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Acrolein	1-h Max	1.7E-02	1.7E-02	1.7E-02	8.4E-04	8.4E-04
Acute	Aboriginal Community	37	Seymour Creek 2	Acrolein	1-h Max	2.4E-02	2.4E-02	2.4E-02	4.1E-04	4.1E-04
Acute	Recreational Area	38	Seymour Golf & Country Club	Acrolein	1-h Max	1.4E-02	1.5E-02	1.5E-02	1.4E-03	1.4E-03
Acute	Urban Community	39	Seymour Heights	Acrolein	1-h Max	1.0E-02	1.0E-02	1.0E-02	4.8E-04	4.8E-04
Acute	School	40	Seymour Heights Elementary School	Acrolein	1-h Max	1.0E-02	1.0E-02	1.0E-02	3.5E-04	3.5E-04
Acute	School	41	Sherwood Park Elementary School	Acrolein	1-h Max	1.4E-02	1.4E-02	1.4E-02	1.6E-03	1.6E-03
Acute	Urban Community	42	Simon Fraser University	Acrolein	1-h Max	1.0E-02	1.0E-02	1.0E-02	5.5E-04	5.5E-04
Acute	Urban Community	43	Sperling Broadway	Acrolein	1-h Max	8.8E-03	8.9E-03	8.9E-03	3.0E-04	3.0E-04
Acute	Recreational Area	44	Takaya Golf Course	Acrolein	1-h Max	1.3E-02	1.3E-02	1.3E-02	5.5E-04	5.5E-04
Acute	School	45	University Highlands Elementary	Acrolein	1-h Max	6.4E-03	6.5E-03	6.5E-03	6.9E-04	6.9E-04
Acute	Urban Community	46	Westridge	Acrolein	1-h Max	1.5E-02	1.5E-02	1.5E-02	2.0E-03	2.0E-03
Acute	Residence	47	Westridge 1	Acrolein	1-h Max	1.3E-02	1.3E-02	1.3E-02	2.6E-03	2.6E-03
Acute	Residence	48	Westridge 2	Acrolein	1-h Max	1.3E-02	1.3E-02	1.3E-02	3.2E-03	3.2E-03
Acute	Residence	49	Westridge 3	Acrolein	1-h Max	1.4E-02	1.4E-02	1.4E-02	2.5E-03	2.5E-03
Acute	Recreational Area	50	Westridge Park	Acrolein	1-h Max	1.2E-02	1.2E-02	1.2E-02	8.9E-04	8.9E-04
Acute	Urban Community	51	Willingdon Heights	Acrolein	1-h Max	2.0E-02	2.1E-02	2.1E-02	9.7E-04	9.7E-04
Acute	Urban Community	52	Windsor Park	Acrolein	1-h Max	1.1E-02	1.2E-02	1.2E-02	4.8E-04	4.8E-04
Acute	MPOI	MPOI	MPOI	Acrolein	1-h Max	4.6E-02	4.6E-02	4.6E-02	1.1E-02	1.1E-02
Acute	Recreational Area	1	Barnet Marine Park	Aliphatic C1-C4	1-h Max	9.4E-04	1.0E-03	1.0E-03	6.0E-05	6.0E-05
Acute	Urban Community	2	Belcarra	Aliphatic C1-C4	1-h Max	9.7E-04	1.0E-03	1.0E-03	5.2E-05	5.2E-05
Acute	Recreational Area	3	Belcarra Regional Park	Aliphatic C1-C4	1-h Max	9.9E-04	1.1E-03	1.1E-03	7.0E-05	7.0E-05
Acute	Urban Community	4	Brentwood	Aliphatic C1-C4	1-h Max	9.2E-04	9.7E-04	9.7E-04	4.8E-05	4.8E-05
Acute	Urban Community	5	Burnaby Heights	Aliphatic C1-C4	1-h Max	9.1E-04	9.4E-04	9.4E-04	3.1E-05	3.1E-05
Acute	Recreational Area	6	Burnaby Lake	Aliphatic C1-C4	1-h Max	9.2E-04	9.7E-04	9.7E-04	5.2E-05	5.2E-05
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Aliphatic C1-C4	1-h Max	9.3E-04	9.9E-04	9.9E-04	9.0E-05	9.0E-05
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Aliphatic C1-C4	1-h Max	1.2E-03	1.5E-03	1.5E-03	3.8E-04	3.8E-04
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Aliphatic C1-C4	1-h Max	1.0E-03	1.2E-03	1.2E-03	2.5E-04	2.5E-04
Acute	Aboriginal Community	10	Burrard Inlet 3	Aliphatic C1-C4	1-h Max	9.5E-04	9.9E-04	9.9E-04	4.4E-05	4.4E-05
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Aliphatic C1-C4	1-h Max	9.7E-04	1.2E-03	1.2E-03	2.3E-04	2.3E-04
Acute	Urban Community	12	Capital Hill	Aliphatic C1-C4	1-h Max	9.7E-04	1.0E-03	1.0E-03	7.7E-05	7.7E-05
Acute	Recreational Area	13	Cates Park	Aliphatic C1-C4	1-h Max	9.5E-04	1.0E-03	1.0E-03	6.9E-05	6.9E-05
Acute	Urban Community	14	Coombe	Aliphatic C1-C4	1-h Max	9.1E-04	9.3E-04	9.3E-04	2.3E-05	2.3E-05
Acute	Urban Community	15	Coquitlam	Aliphatic C1-C4	1-h Max	9.4E-04	9.7E-04	9.7E-04	4.8E-05	4.8E-05
Acute	Urban Community	16	Cove Cliff	Aliphatic C1-C4	1-h Max	9.3E-04	9.6E-04	9.6E-04	3.0E-05	3.0E-05

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Assisted-Living Complex	17	Dania Manor	Aliphatic C1-C4	1-h Max	9.1E-04	9.4E-04	9.4E-04	3.8E-05	3.8E-05
Acute	Urban Community	18	Deep Cove	Aliphatic C1-C4	1-h Max	9.2E-04	9.4E-04	9.4E-04	2.2E-05	2.2E-05
Acute	Urban Community	19	Dollarton	Aliphatic C1-C4	1-h Max	9.5E-04	1.0E-03	1.0E-03	5.3E-05	5.3E-05
Acute	Urban Community	20	Douglas Gilpin	Aliphatic C1-C4	1-h Max	9.2E-04	9.7E-04	9.7E-04	5.2E-05	5.2E-05
Acute	Recreational Area	21	Duthie Union Park	Aliphatic C1-C4	1-h Max	9.6E-04	1.1E-03	1.1E-03	1.3E-04	1.3E-04
Acute	School	22	École Capitol Hill Elementary School	Aliphatic C1-C4	1-h Max	9.5E-04	1.0E-03	1.0E-03	7.1E-05	7.1E-05
Acute	School	23	École Westridge Elementary School	Aliphatic C1-C4	1-h Max	9.6E-04	1.0E-03	1.0E-03	8.3E-05	8.3E-05
Acute	School	24	Forest Grove Elementary School	Aliphatic C1-C4	1-h Max	1.1E-03	1.3E-03	1.3E-03	3.4E-04	3.4E-04
Acute	Urban Community	25	Government Road	Aliphatic C1-C4	1-h Max	9.9E-04	1.1E-03	1.1E-03	1.1E-04	1.1E-04
Acute	Recreational Area	26	Kensington Pitch & Putt	Aliphatic C1-C4	1-h Max	9.4E-04	1.0E-03	1.0E-03	8.2E-05	8.2E-05
Acute	Urban Community	27	Lake City	Aliphatic C1-C4	1-h Max	1.1E-03	1.3E-03	1.3E-03	3.0E-04	3.0E-04
Acute	Urban Community	28	Lochdale	Aliphatic C1-C4	1-h Max	1.0E-03	1.2E-03	1.2E-03	1.9E-04	1.9E-04
Acute	School	29	Lochdale Community School	Aliphatic C1-C4	1-h Max	9.9E-04	1.1E-03	1.1E-03	1.3E-04	1.3E-04
Acute	Urban Community	30	Lyndhurst	Aliphatic C1-C4	1-h Max	9.4E-04	9.8E-04	9.8E-04	6.4E-05	6.4E-05
Acute	School	31	Montecito Elementary School	Aliphatic C1-C4	1-h Max	9.7E-04	1.1E-03	1.1E-03	1.3E-04	1.3E-04
Acute	Recreational Area	32	Mount Seymour Provincial Park	Aliphatic C1-C4	1-h Max	9.3E-04	9.6E-04	9.6E-04	2.9E-05	2.9E-05
Acute	Recreational Area	33	Northlands Golf Course	Aliphatic C1-C4	1-h Max	9.1E-04	9.4E-04	9.4E-04	2.4E-05	2.4E-05
Acute	Urban Community	34	Parkcrest Aubrey	Aliphatic C1-C4	1-h Max	9.7E-04	1.1E-03	1.1E-03	9.9E-05	9.9E-05
Acute	Urban Community	35	Port Moody	Aliphatic C1-C4	1-h Max	9.3E-04	9.7E-04	9.7E-04	5.3E-05	5.3E-05
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Aliphatic C1-C4	1-h Max	8.9E-04	9.2E-04	9.2E-04	2.4E-05	2.4E-05
Acute	Aboriginal Community	37	Seymour Creek 2	Aliphatic C1-C4	1-h Max	8.9E-04	9.1E-04	9.1E-04	1.7E-05	1.7E-05
Acute	Recreational Area	38	Seymour Golf & Country Club	Aliphatic C1-C4	1-h Max	9.5E-04	9.9E-04	9.9E-04	4.3E-05	4.3E-05
Acute	Urban Community	39	Seymour Heights	Aliphatic C1-C4	1-h Max	8.9E-04	9.1E-04	9.1E-04	1.6E-05	1.6E-05
Acute	School	40	Seymour Heights Elementary School	Aliphatic C1-C4	1-h Max	8.9E-04	9.0E-04	9.0E-04	1.2E-05	1.2E-05
Acute	School	41	Sherwood Park Elementary School	Aliphatic C1-C4	1-h Max	9.5E-04	9.9E-04	9.9E-04	4.3E-05	4.3E-05
Acute	Urban Community	42	Simon Fraser University	Aliphatic C1-C4	1-h Max	1.1E-03	1.2E-03	1.2E-03	2.1E-04	2.1E-04
Acute	Urban Community	43	Sperling Broadway	Aliphatic C1-C4	1-h Max	1.0E-03	1.1E-03	1.1E-03	1.4E-04	1.4E-04
Acute	Recreational Area	44	Takaya Golf Course	Aliphatic C1-C4	1-h Max	9.2E-04	9.4E-04	9.4E-04	2.7E-05	2.7E-05
Acute	School	45	University Highlands Elementary	Aliphatic C1-C4	1-h Max	9.8E-04	1.0E-03	1.0E-03	6.8E-05	6.8E-05
Acute	Urban Community	46	Westridge	Aliphatic C1-C4	1-h Max	9.8E-04	1.1E-03	1.1E-03	1.5E-04	1.5E-04
Acute	Residence	47	Westridge 1	Aliphatic C1-C4	1-h Max	9.7E-04	1.2E-03	1.2E-03	2.3E-04	2.3E-04
Acute	Residence	48	Westridge 2	Aliphatic C1-C4	1-h Max	9.7E-04	1.2E-03	1.2E-03	2.4E-04	2.4E-04
Acute	Residence	49	Westridge 3	Aliphatic C1-C4	1-h Max	9.7E-04	1.2E-03	1.2E-03	2.4E-04	2.4E-04
Acute	Recreational Area	50	Westridge Park	Aliphatic C1-C4	1-h Max	9.7E-04	1.1E-03	1.1E-03	1.1E-04	1.1E-04
Acute	Urban Community	51	Willingdon Heights	Aliphatic C1-C4	1-h Max	9.0E-04	9.4E-04	9.4E-04	3.4E-05	3.4E-05

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	52	Windsor Park	Aliphatic C1-C4	1-h Max	9.1E-04	9.3E-04	9.3E-04	2.4E-05	2.4E-05
Acute	MPOI	MPOI	MPOI	Aliphatic C1-C4	1-h Max	5.8E-03	5.6E-03	5.6E-03	3.5E-03	3.5E-03
Acute	Recreational Area	1	Barnet Marine Park	Aliphatic C5-C8	1-h Max	9.8E-04	1.0E-03	1.0E-03	5.1E-05	5.1E-05
Acute	Urban Community	2	Belcarra	Aliphatic C5-C8	1-h Max	1.0E-03	1.1E-03	1.1E-03	5.4E-05	5.4E-05
Acute	Recreational Area	3	Belcarra Regional Park	Aliphatic C5-C8	1-h Max	1.1E-03	1.1E-03	1.1E-03	7.9E-05	7.9E-05
Acute	Urban Community	4	Brentwood	Aliphatic C5-C8	1-h Max	9.4E-04	9.7E-04	9.7E-04	3.5E-05	3.5E-05
Acute	Urban Community	5	Burnaby Heights	Aliphatic C5-C8	1-h Max	9.4E-04	9.6E-04	9.6E-04	2.9E-05	2.9E-05
Acute	Recreational Area	6	Burnaby Lake	Aliphatic C5-C8	1-h Max	9.3E-04	9.2E-04	9.2E-04	2.4E-05	2.4E-05
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Aliphatic C5-C8	1-h Max	9.2E-04	9.3E-04	9.3E-04	3.3E-05	3.3E-05
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Aliphatic C5-C8	1-h Max	1.1E-03	1.2E-03	1.2E-03	1.2E-04	1.2E-04
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Aliphatic C5-C8	1-h Max	1.0E-03	1.0E-03	1.0E-03	7.5E-05	7.5E-05
Acute	Aboriginal Community	10	Burrard Inlet 3	Aliphatic C5-C8	1-h Max	1.0E-03	1.0E-03	1.0E-03	5.0E-05	5.0E-05
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Aliphatic C5-C8	1-h Max	1.0E-03	1.2E-03	1.2E-03	2.1E-04	2.1E-04
Acute	Urban Community	12	Capital Hill	Aliphatic C5-C8	1-h Max	1.0E-03	1.1E-03	1.1E-03	6.7E-05	6.7E-05
Acute	Recreational Area	13	Cates Park	Aliphatic C5-C8	1-h Max	1.0E-03	1.1E-03	1.1E-03	7.8E-05	7.8E-05
Acute	Urban Community	14	Coombe	Aliphatic C5-C8	1-h Max	9.5E-04	9.7E-04	9.7E-04	2.6E-05	2.6E-05
Acute	Urban Community	15	Coquitlam	Aliphatic C5-C8	1-h Max	9.4E-04	9.3E-04	9.3E-04	2.5E-05	2.5E-05
Acute	Urban Community	16	Cove Cliff	Aliphatic C5-C8	1-h Max	9.9E-04	1.0E-03	1.0E-03	3.7E-05	3.7E-05
Acute	Assisted-Living Complex	17	Dania Manor	Aliphatic C5-C8	1-h Max	9.2E-04	9.3E-04	9.3E-04	2.2E-05	2.2E-05
Acute	Urban Community	18	Deep Cove	Aliphatic C5-C8	1-h Max	9.7E-04	1.0E-03	1.0E-03	2.9E-05	2.9E-05
Acute	Urban Community	19	Dollarton	Aliphatic C5-C8	1-h Max	1.0E-03	1.1E-03	1.1E-03	6.0E-05	6.0E-05
Acute	Urban Community	20	Douglas Gilpin	Aliphatic C5-C8	1-h Max	9.2E-04	9.4E-04	9.4E-04	2.5E-05	2.5E-05
Acute	Recreational Area	21	Duthie Union Park	Aliphatic C5-C8	1-h Max	9.8E-04	1.0E-03	1.0E-03	7.3E-05	7.3E-05
Acute	School	22	École Capitol Hill Elementary School	Aliphatic C5-C8	1-h Max	9.8E-04	1.0E-03	1.0E-03	4.7E-05	4.7E-05
Acute	School	23	École Westridge Elementary School	Aliphatic C5-C8	1-h Max	9.9E-04	1.0E-03	1.0E-03	5.6E-05	5.6E-05
Acute	School	24	Forest Grove Elementary School	Aliphatic C5-C8	1-h Max	1.1E-03	1.0E-03	1.0E-03	1.0E-04	1.0E-04
Acute	Urban Community	25	Government Road	Aliphatic C5-C8	1-h Max	9.5E-04	9.6E-04	9.6E-04	4.5E-05	4.5E-05
Acute	Recreational Area	26	Kensington Pitch & Putt	Aliphatic C5-C8	1-h Max	9.6E-04	9.9E-04	9.9E-04	4.5E-05	4.5E-05
Acute	Urban Community	27	Lake City	Aliphatic C5-C8	1-h Max	1.0E-03	1.1E-03	1.1E-03	9.4E-05	9.4E-05
Acute	Urban Community	28	Lochdale	Aliphatic C5-C8	1-h Max	1.0E-03	1.0E-03	1.0E-03	7.7E-05	7.7E-05
Acute	School	29	Lochdale Community School	Aliphatic C5-C8	1-h Max	1.0E-03	1.0E-03	1.0E-03	6.4E-05	6.4E-05
Acute	Urban Community	30	Lyndhurst	Aliphatic C5-C8	1-h Max	9.2E-04	9.3E-04	9.3E-04	3.0E-05	3.0E-05
Acute	School	31	Montecito Elementary School	Aliphatic C5-C8	1-h Max	9.5E-04	9.8E-04	9.8E-04	4.7E-05	4.7E-05
Acute	Recreational Area	32	Mount Seymour Provincial Park	Aliphatic C5-C8	1-h Max	9.7E-04	1.0E-03	1.0E-03	3.2E-05	3.2E-05
Acute	Recreational Area	33	Northlands Golf Course	Aliphatic C5-C8	1-h Max	9.5E-04	9.7E-04	9.7E-04	2.5E-05	2.5E-05



Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	34	Parkcrest Aubrey	Aliphatic C5-C8	1-h Max	9.8E-04	1.0E-03	1.0E-03	5.2E-05	5.2E-05
Acute	Urban Community	35	Port Moody	Aliphatic C5-C8	1-h Max	9.3E-04	9.3E-04	9.3E-04	2.1E-05	2.1E-05
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Aliphatic C5-C8	1-h Max	9.1E-04	9.2E-04	9.2E-04	1.7E-05	1.7E-05
Acute	Aboriginal Community	37	Seymour Creek 2	Aliphatic C5-C8	1-h Max	9.1E-04	9.2E-04	9.2E-04	1.5E-05	1.5E-05
Acute	Recreational Area	38	Seymour Golf & Country Club	Aliphatic C5-C8	1-h Max	1.0E-03	1.1E-03	1.1E-03	5.1E-05	5.1E-05
Acute	Urban Community	39	Seymour Heights	Aliphatic C5-C8	1-h Max	9.2E-04	9.4E-04	9.4E-04	1.7E-05	1.7E-05
Acute	School	40	Seymour Heights Elementary School	Aliphatic C5-C8	1-h Max	9.1E-04	9.2E-04	9.2E-04	1.1E-05	1.1E-05
Acute	School	41	Sherwood Park Elementary School	Aliphatic C5-C8	1-h Max	1.0E-03	1.1E-03	1.1E-03	5.0E-05	5.0E-05
Acute	Urban Community	42	Simon Fraser University	Aliphatic C5-C8	1-h Max	1.0E-03	1.1E-03	1.1E-03	1.0E-04	1.0E-04
Acute	Urban Community	43	Sperling Broadway	Aliphatic C5-C8	1-h Max	9.7E-04	1.0E-03	1.0E-03	5.5E-05	5.5E-05
Acute	Recreational Area	44	Takaya Golf Course	Aliphatic C5-C8	1-h Max	9.6E-04	9.8E-04	9.8E-04	2.9E-05	2.9E-05
Acute	School	45	University Highlands Elementary	Aliphatic C5-C8	1-h Max	9.5E-04	9.7E-04	9.7E-04	3.4E-05	3.4E-05
Acute	Urban Community	46	Westridge	Aliphatic C5-C8	1-h Max	1.0E-03	1.1E-03	1.1E-03	1.2E-04	1.2E-04
Acute	Residence	47	Westridge 1	Aliphatic C5-C8	1-h Max	1.0E-03	1.3E-03	1.3E-03	2.2E-04	2.2E-04
Acute	Residence	48	Westridge 2	Aliphatic C5-C8	1-h Max	1.0E-03	1.3E-03	1.3E-03	2.8E-04	2.8E-04
Acute	Residence	49	Westridge 3	Aliphatic C5-C8	1-h Max	1.0E-03	1.3E-03	1.3E-03	2.8E-04	2.8E-04
Acute	Recreational Area	50	Westridge Park	Aliphatic C5-C8	1-h Max	1.0E-03	1.1E-03	1.1E-03	9.7E-05	9.7E-05
Acute	Urban Community	51	Willingdon Heights	Aliphatic C5-C8	1-h Max	9.2E-04	9.4E-04	9.4E-04	2.4E-05	2.4E-05
Acute	Urban Community	52	Windsor Park	Aliphatic C5-C8	1-h Max	9.5E-04	9.7E-04	9.7E-04	2.6E-05	2.6E-05
Acute	MPOI	MPOI	MPOI	Aliphatic C5-C8	1-h Max	3.2E-03	4.1E-03	4.1E-03	2.5E-03	2.5E-03
Acute	Recreational Area	1	Barnet Marine Park	Aromatic C9-C16	1-h Max	8.8E-03	8.8E-03	8.8E-03	6.9E-06	6.9E-06
Acute	Urban Community	2	Belcarra	Aromatic C9-C16	1-h Max	6.1E-03	6.1E-03	6.1E-03	7.7E-06	7.7E-06
Acute	Recreational Area	3	Belcarra Regional Park	Aromatic C9-C16	1-h Max	1.0E-02	1.0E-02	1.0E-02	8.3E-06	8.3E-06
Acute	Urban Community	4	Brentwood	Aromatic C9-C16	1-h Max	6.4E-03	6.3E-03	6.3E-03	1.1E-05	1.1E-05
Acute	Urban Community	5	Burnaby Heights	Aromatic C9-C16	1-h Max	6.4E-03	6.4E-03	6.4E-03	1.1E-05	1.1E-05
Acute	Recreational Area	6	Burnaby Lake	Aromatic C9-C16	1-h Max	3.4E-03	3.3E-03	3.3E-03	1.8E-05	1.8E-05
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Aromatic C9-C16	1-h Max	4.3E-03	4.3E-03	4.3E-03	2.3E-05	2.3E-05
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Aromatic C9-C16	1-h Max	2.0E-02	2.0E-02	2.0E-02	4.2E-05	4.2E-05
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Aromatic C9-C16	1-h Max	4.4E-03	4.3E-03	4.3E-03	2.0E-05	2.0E-05
Acute	Aboriginal Community	10	Burrard Inlet 3	Aromatic C9-C16	1-h Max	9.2E-03	9.2E-03	9.2E-03	8.4E-06	8.4E-06
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Aromatic C9-C16	1-h Max	3.8E-02	3.8E-02	3.8E-02	1.9E-05	1.9E-05
Acute	Urban Community	12	Capital Hill	Aromatic C9-C16	1-h Max	1.8E-02	1.8E-02	1.8E-02	1.2E-05	1.2E-05
Acute	Recreational Area	13	Cates Park	Aromatic C9-C16	1-h Max	1.7E-02	1.7E-02	1.7E-02	1.2E-05	1.2E-05
Acute	Urban Community	14	Coombe	Aromatic C9-C16	1-h Max	5.1E-03	5.1E-03	5.1E-03	4.3E-06	4.3E-06
Acute	Urban Community	15	Coquitlam	Aromatic C9-C16	1-h Max	4.0E-03	4.0E-03	4.0E-03	2.2E-05	2.2E-05

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	16	Cove Cliff	Aromatic C9-C16	1-h Max	5.7E-03	5.7E-03	5.7E-03	5.2E-06	5.2E-06
Acute	Assisted-Living Complex	17	Dania Manor	Aromatic C9-C16	1-h Max	3.6E-03	3.6E-03	3.6E-03	1.5E-05	1.5E-05
Acute	Urban Community	18	Deep Cove	Aromatic C9-C16	1-h Max	4.1E-03	4.1E-03	4.1E-03	3.7E-06	3.7E-06
Acute	Urban Community	19	Dollarton	Aromatic C9-C16	1-h Max	1.7E-02	1.7E-02	1.7E-02	9.0E-06	9.0E-06
Acute	Urban Community	20	Douglas Gilpin	Aromatic C9-C16	1-h Max	3.9E-03	3.9E-03	3.9E-03	1.5E-05	1.5E-05
Acute	Recreational Area	21	Duthie Union Park	Aromatic C9-C16	1-h Max	1.1E-02	1.1E-02	1.1E-02	1.8E-05	1.8E-05
Acute	School	22	École Capitol Hill Elementary School	Aromatic C9-C16	1-h Max	8.0E-03	8.0E-03	8.0E-03	8.7E-06	8.7E-06
Acute	School	23	École Westridge Elementary School	Aromatic C9-C16	1-h Max	7.9E-03	7.9E-03	7.9E-03	1.1E-05	1.1E-05
Acute	School	24	Forest Grove Elementary School	Aromatic C9-C16	1-h Max	4.4E-03	4.2E-03	4.2E-03	4.9E-05	4.9E-05
Acute	Urban Community	25	Government Road	Aromatic C9-C16	1-h Max	3.9E-03	3.9E-03	3.9E-03	4.2E-05	4.2E-05
Acute	Recreational Area	26	Kensington Pitch & Putt	Aromatic C9-C16	1-h Max	6.3E-03	6.2E-03	6.2E-03	1.1E-05	1.1E-05
Acute	Urban Community	27	Lake City	Aromatic C9-C16	1-h Max	4.2E-03	4.2E-03	4.2E-03	4.3E-05	4.3E-05
Acute	Urban Community	28	Lochdale	Aromatic C9-C16	1-h Max	1.1E-02	1.1E-02	1.1E-02	2.8E-05	2.8E-05
Acute	School	29	Lochdale Community School	Aromatic C9-C16	1-h Max	6.6E-03	6.6E-03	6.6E-03	1.7E-05	1.7E-05
Acute	Urban Community	30	Lyndhurst	Aromatic C9-C16	1-h Max	3.9E-03	3.9E-03	3.9E-03	2.7E-05	2.7E-05
Acute	School	31	Montecito Elementary School	Aromatic C9-C16	1-h Max	5.0E-03	5.0E-03	5.0E-03	2.3E-05	2.3E-05
Acute	Recreational Area	32	Mount Seymour Provincial Park	Aromatic C9-C16	1-h Max	5.4E-03	5.4E-03	5.4E-03	4.8E-06	4.8E-06
Acute	Recreational Area	33	Northlands Golf Course	Aromatic C9-C16	1-h Max	5.3E-03	5.3E-03	5.3E-03	4.2E-06	4.2E-06
Acute	Urban Community	34	Parkcrest Aubrey	Aromatic C9-C16	1-h Max	8.1E-03	8.1E-03	8.1E-03	2.4E-05	2.4E-05
Acute	Urban Community	35	Port Moody	Aromatic C9-C16	1-h Max	4.2E-03	4.2E-03	4.2E-03	1.2E-05	1.2E-05
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Aromatic C9-C16	1-h Max	5.2E-03	5.2E-03	5.2E-03	6.6E-06	6.6E-06
Acute	Aboriginal Community	37	Seymour Creek 2	Aromatic C9-C16	1-h Max	4.6E-03	4.6E-03	4.6E-03	5.1E-06	5.1E-06
Acute	Recreational Area	38	Seymour Golf & Country Club	Aromatic C9-C16	1-h Max	8.3E-03	8.3E-03	8.3E-03	7.4E-06	7.4E-06
Acute	Urban Community	39	Seymour Heights	Aromatic C9-C16	1-h Max	5.1E-03	5.1E-03	5.1E-03	3.0E-06	3.0E-06
Acute	School	40	Seymour Heights Elementary School	Aromatic C9-C16	1-h Max	4.7E-03	4.7E-03	4.7E-03	2.1E-06	2.1E-06
Acute	School	41	Sherwood Park Elementary School	Aromatic C9-C16	1-h Max	1.0E-02	1.0E-02	1.0E-02	7.8E-06	7.8E-06
Acute	Urban Community	42	Simon Fraser University	Aromatic C9-C16	1-h Max	6.3E-03	6.2E-03	6.2E-03	7.2E-05	7.2E-05
Acute	Urban Community	43	Sperling Broadway	Aromatic C9-C16	1-h Max	5.1E-03	5.1E-03	5.1E-03	2.4E-05	2.4E-05
Acute	Recreational Area	44	Takaya Golf Course	Aromatic C9-C16	1-h Max	6.3E-03	6.3E-03	6.3E-03	5.3E-06	5.3E-06
Acute	School	45	University Highlands Elementary	Aromatic C9-C16	1-h Max	5.2E-03	5.1E-03	5.1E-03	1.8E-05	1.8E-05
Acute	Urban Community	46	Westridge	Aromatic C9-C16	1-h Max	2.5E-02	2.5E-02	2.5E-02	1.6E-05	1.6E-05
Acute	Residence	47	Westridge 1	Aromatic C9-C16	1-h Max	7.9E-02	7.9E-02	7.9E-02	2.0E-05	2.0E-05
Acute	Residence	48	Westridge 2	Aromatic C9-C16	1-h Max	7.7E-02	7.7E-02	7.7E-02	2.4E-05	2.4E-05
Acute	Residence	49	Westridge 3	Aromatic C9-C16	1-h Max	7.4E-02	7.4E-02	7.4E-02	2.6E-05	2.6E-05
Acute	Recreational Area	50	Westridge Park	Aromatic C9-C16	1-h Max	1.2E-02	1.2E-02	1.2E-02	1.3E-05	1.3E-05

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	51	Willingdon Heights	Aromatic C9-C16	1-h Max	5.1E-03	5.1E-03	5.1E-03	9.7E-06	9.7E-06
Acute	Urban Community	52	Windsor Park	Aromatic C9-C16	1-h Max	5.9E-03	5.9E-03	5.9E-03	4.7E-06	4.7E-06
Acute	MPOI	MPOI	MPOI	Aromatic C9-C16	1-h Max	4.9E-01	4.9E-01	4.9E-01	3.4E-03	3.4E-03
Acute	Recreational Area	1	Barnet Marine Park	Arsenic	1-h Max	1.0E-02	1.0E-02	1.0E-02	1.6E-04	1.6E-04
Acute	Urban Community	2	Belcarra	Arsenic	1-h Max	1.0E-02	1.0E-02	1.0E-02	1.6E-04	1.6E-04
Acute	Recreational Area	3	Belcarra Regional Park	Arsenic	1-h Max	1.0E-02	1.0E-02	1.0E-02	2.0E-04	2.0E-04
Acute	Urban Community	4	Brentwood	Arsenic	1-h Max	1.3E-02	1.3E-02	1.3E-02	2.9E-04	2.9E-04
Acute	Urban Community	5	Burnaby Heights	Arsenic	1-h Max	1.5E-02	1.5E-02	1.5E-02	2.4E-04	2.4E-04
Acute	Recreational Area	6	Burnaby Lake	Arsenic	1-h Max	8.1E-03	8.1E-03	8.1E-03	1.7E-04	1.7E-04
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Arsenic	1-h Max	9.2E-03	9.2E-03	9.2E-03	1.7E-04	1.7E-04
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Arsenic	1-h Max	1.4E-02	1.4E-02	1.4E-02	2.1E-04	2.1E-04
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Arsenic	1-h Max	1.0E-02	1.0E-02	1.0E-02	2.0E-04	2.0E-04
Acute	Aboriginal Community	10	Burrard Inlet 3	Arsenic	1-h Max	8.7E-03	8.7E-03	8.7E-03	1.9E-04	1.9E-04
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Arsenic	1-h Max	1.1E-02	1.1E-02	1.1E-02	5.6E-04	5.6E-04
Acute	Urban Community	12	Capital Hill	Arsenic	1-h Max	1.6E-02	1.6E-02	1.6E-02	4.0E-04	4.0E-04
Acute	Recreational Area	13	Cates Park	Arsenic	1-h Max	8.8E-03	8.8E-03	8.8E-03	2.9E-04	2.9E-04
Acute	Urban Community	14	Coombe	Arsenic	1-h Max	8.8E-03	8.8E-03	8.9E-03	1.2E-04	1.2E-04
Acute	Urban Community	15	Coquitlam	Arsenic	1-h Max	8.8E-03	8.7E-03	8.8E-03	1.4E-04	1.4E-04
Acute	Urban Community	16	Cove Cliff	Arsenic	1-h Max	9.0E-03	9.0E-03	9.0E-03	1.7E-04	1.7E-04
Acute	Assisted-Living Complex	17	Dania Manor	Arsenic	1-h Max	9.0E-03	9.0E-03	9.0E-03	1.7E-04	1.7E-04
Acute	Urban Community	18	Deep Cove	Arsenic	1-h Max	8.0E-03	8.0E-03	8.0E-03	1.8E-04	1.8E-04
Acute	Urban Community	19	Dollarton	Arsenic	1-h Max	9.4E-03	9.5E-03	9.5E-03	3.2E-04	3.2E-04
Acute	Urban Community	20	Douglas Gilpin	Arsenic	1-h Max	1.0E-02	9.9E-03	1.0E-02	1.7E-04	1.7E-04
Acute	Recreational Area	21	Duthie Union Park	Arsenic	1-h Max	1.3E-02	1.3E-02	1.3E-02	1.5E-04	1.5E-04
Acute	School	22	École Capitol Hill Elementary School	Arsenic	1-h Max	1.4E-02	1.4E-02	1.4E-02	2.7E-04	2.7E-04
Acute	School	23	École Westridge Elementary School	Arsenic	1-h Max	1.2E-02	1.2E-02	1.2E-02	3.8E-04	3.8E-04
Acute	School	24	Forest Grove Elementary School	Arsenic	1-h Max	8.6E-03	8.6E-03	8.6E-03	1.5E-04	1.5E-04
Acute	Urban Community	25	Government Road	Arsenic	1-h Max	9.1E-03	9.1E-03	9.1E-03	1.7E-04	1.7E-04
Acute	Recreational Area	26	Kensington Pitch & Putt	Arsenic	1-h Max	1.2E-02	1.2E-02	1.2E-02	3.2E-04	3.2E-04
Acute	Urban Community	27	Lake City	Arsenic	1-h Max	9.3E-03	9.3E-03	9.3E-03	2.0E-04	2.0E-04
Acute	Urban Community	28	Lochdale	Arsenic	1-h Max	1.3E-02	1.3E-02	1.3E-02	2.1E-04	2.1E-04
Acute	School	29	Lochdale Community School	Arsenic	1-h Max	1.2E-02	1.2E-02	1.2E-02	1.5E-04	1.5E-04
Acute	Urban Community	30	Lyndhurst	Arsenic	1-h Max	7.8E-03	7.8E-03	7.8E-03	1.5E-04	1.5E-04
Acute	School	31	Montecito Elementary School	Arsenic	1-h Max	9.8E-03	9.8E-03	9.8E-03	1.6E-04	1.6E-04
Acute	Recreational Area	32	Mount Seymour Provincial Park	Arsenic	1-h Max	1.0E-02	1.0E-02	1.0E-02	1.9E-04	1.9E-04

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Recreational Area	33	Northlands Golf Course	Arsenic	1-h Max	9.8E-03	9.8E-03	9.8E-03	1.6E-04	1.6E-04
Acute	Urban Community	34	Parkcrest Aubrey	Arsenic	1-h Max	1.2E-02	1.2E-02	1.2E-02	3.5E-04	3.5E-04
Acute	Urban Community	35	Port Moody	Arsenic	1-h Max	9.6E-03	9.6E-03	9.6E-03	1.4E-04	1.4E-04
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Arsenic	1-h Max	9.3E-03	9.5E-03	9.5E-03	2.5E-04	2.5E-04
Acute	Aboriginal Community	37	Seymour Creek 2	Arsenic	1-h Max	8.6E-03	8.8E-03	8.8E-03	2.2E-04	2.2E-04
Acute	Recreational Area	38	Seymour Golf & Country Club	Arsenic	1-h Max	9.4E-03	9.4E-03	9.4E-03	2.6E-04	2.6E-04
Acute	Urban Community	39	Seymour Heights	Arsenic	1-h Max	9.5E-03	9.7E-03	9.7E-03	1.7E-04	1.7E-04
Acute	School	40	Seymour Heights Elementary School	Arsenic	1-h Max	9.4E-03	9.6E-03	9.6E-03	1.8E-04	1.8E-04
Acute	School	41	Sherwood Park Elementary School	Arsenic	1-h Max	9.4E-03	9.4E-03	9.4E-03	3.0E-04	3.0E-04
Acute	Urban Community	42	Simon Fraser University	Arsenic	1-h Max	1.1E-02	1.1E-02	1.1E-02	1.4E-04	1.4E-04
Acute	Urban Community	43	Sperling Broadway	Arsenic	1-h Max	1.1E-02	1.1E-02	1.1E-02	1.6E-04	1.6E-04
Acute	Recreational Area	44	Takaya Golf Course	Arsenic	1-h Max	9.7E-03	9.9E-03	9.9E-03	2.0E-04	2.0E-04
Acute	School	45	University Highlands Elementary	Arsenic	1-h Max	1.1E-02	1.1E-02	1.1E-02	1.4E-04	1.4E-04
Acute	Urban Community	46	Westridge	Arsenic	1-h Max	1.3E-02	1.3E-02	1.3E-02	3.8E-04	3.8E-04
Acute	Residence	47	Westridge 1	Arsenic	1-h Max	1.1E-02	1.1E-02	1.1E-02	5.0E-04	5.0E-04
Acute	Residence	48	Westridge 2	Arsenic	1-h Max	1.1E-02	1.1E-02	1.1E-02	6.0E-04	6.0E-04
Acute	Residence	49	Westridge 3	Arsenic	1-h Max	1.2E-02	1.2E-02	1.2E-02	4.7E-04	4.7E-04
Acute	Recreational Area	50	Westridge Park	Arsenic	1-h Max	1.2E-02	1.2E-02	1.2E-02	1.9E-04	1.9E-04
Acute	Urban Community	51	Willingdon Heights	Arsenic	1-h Max	1.2E-02	1.2E-02	1.2E-02	2.4E-04	2.4E-04
Acute	Urban Community	52	Windsor Park	Arsenic	1-h Max	9.5E-03	9.7E-03	9.7E-03	1.7E-04	1.7E-04
Acute	MPOI	MPOI	MPOI	Arsenic	1-h Max	1.6E-02	1.6E-02	1.6E-02	2.1E-03	2.1E-03
Acute	Recreational Area	1	Barnet Marine Park	Benzene	1-h Max	9.8E-03	1.0E-02	1.0E-02	2.8E-04	2.8E-04
Acute	Urban Community	2	Belcarra	Benzene	1-h Max	1.0E-02	1.1E-02	1.1E-02	3.7E-04	3.7E-04
Acute	Recreational Area	3	Belcarra Regional Park	Benzene	1-h Max	1.1E-02	1.1E-02	1.1E-02	5.1E-04	5.1E-04
Acute	Urban Community	4	Brentwood	Benzene	1-h Max	9.7E-03	9.8E-03	9.8E-03	1.8E-04	1.8E-04
Acute	Urban Community	5	Burnaby Heights	Benzene	1-h Max	9.9E-03	1.0E-02	1.0E-02	1.5E-04	1.5E-04
Acute	Recreational Area	6	Burnaby Lake	Benzene	1-h Max	9.0E-03	9.0E-03	9.0E-03	5.3E-05	5.3E-05
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Benzene	1-h Max	9.1E-03	9.1E-03	9.1E-03	7.6E-05	7.6E-05
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Benzene	1-h Max	1.1E-02	1.1E-02	1.1E-02	4.9E-04	4.9E-04
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Benzene	1-h Max	9.4E-03	9.5E-03	9.5E-03	1.5E-04	1.5E-04
Acute	Aboriginal Community	10	Burrard Inlet 3	Benzene	1-h Max	1.0E-02	1.1E-02	1.1E-02	3.2E-04	3.2E-04
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Benzene	1-h Max	1.1E-02	1.2E-02	1.2E-02	8.3E-04	8.3E-04
Acute	Urban Community	12	Capital Hill	Benzene	1-h Max	1.1E-02	1.1E-02	1.1E-02	3.7E-04	3.7E-04
Acute	Recreational Area	13	Cates Park	Benzene	1-h Max	1.0E-02	1.1E-02	1.1E-02	4.2E-04	4.2E-04
Acute	Urban Community	14	Coombe	Benzene	1-h Max	9.5E-03	9.7E-03	9.7E-03	1.8E-04	1.8E-04

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	15	Coquitlam	Benzene	1-h Max	9.0E-03	9.0E-03	9.0E-03	5.4E-05	5.4E-05
Acute	Urban Community	16	Cove Cliff	Benzene	1-h Max	9.9E-03	1.0E-02	1.0E-02	2.6E-04	2.6E-04
Acute	Assisted-Living Complex	17	Dania Manor	Benzene	1-h Max	9.1E-03	9.1E-03	9.1E-03	7.4E-05	7.4E-05
Acute	Urban Community	18	Deep Cove	Benzene	1-h Max	9.6E-03	9.8E-03	9.8E-03	2.2E-04	2.2E-04
Acute	Urban Community	19	Dollarton	Benzene	1-h Max	1.1E-02	1.1E-02	1.1E-02	3.8E-04	3.8E-04
Acute	Urban Community	20	Douglas Gilpin	Benzene	1-h Max	9.1E-03	9.2E-03	9.2E-03	8.1E-05	8.1E-05
Acute	Recreational Area	21	Duthie Union Park	Benzene	1-h Max	9.8E-03	1.0E-02	1.0E-02	2.5E-04	2.5E-04
Acute	School	22	École Capitol Hill Elementary School	Benzene	1-h Max	9.9E-03	1.0E-02	1.0E-02	2.3E-04	2.3E-04
Acute	School	23	École Westridge Elementary School	Benzene	1-h Max	9.9E-03	1.0E-02	1.0E-02	2.9E-04	2.9E-04
Acute	School	24	Forest Grove Elementary School	Benzene	1-h Max	9.3E-03	9.2E-03	9.2E-03	1.1E-04	1.1E-04
Acute	Urban Community	25	Government Road	Benzene	1-h Max	9.1E-03	9.1E-03	9.1E-03	8.7E-05	8.7E-05
Acute	Recreational Area	26	Kensington Pitch & Putt	Benzene	1-h Max	9.8E-03	9.9E-03	9.9E-03	2.0E-04	2.0E-04
Acute	Urban Community	27	Lake City	Benzene	1-h Max	9.4E-03	9.4E-03	9.4E-03	1.5E-04	1.5E-04
Acute	Urban Community	28	Lochdale	Benzene	1-h Max	9.9E-03	1.0E-02	1.0E-02	3.0E-04	3.0E-04
Acute	School	29	Lochdale Community School	Benzene	1-h Max	9.8E-03	1.0E-02	1.0E-02	2.3E-04	2.3E-04
Acute	Urban Community	30	Lyndhurst	Benzene	1-h Max	8.9E-03	9.0E-03	9.0E-03	5.4E-05	5.4E-05
Acute	School	31	Montecito Elementary School	Benzene	1-h Max	9.2E-03	9.3E-03	9.3E-03	1.0E-04	1.0E-04
Acute	Recreational Area	32	Mount Seymour Provincial Park	Benzene	1-h Max	9.8E-03	1.0E-02	1.0E-02	2.4E-04	2.4E-04
Acute	Recreational Area	33	Northlands Golf Course	Benzene	1-h Max	9.6E-03	9.8E-03	9.8E-03	1.8E-04	1.8E-04
Acute	Urban Community	34	Parkcrest Aubrey	Benzene	1-h Max	9.8E-03	1.0E-02	1.0E-02	2.5E-04	2.5E-04
Acute	Urban Community	35	Port Moody	Benzene	1-h Max	9.0E-03	9.1E-03	9.1E-03	5.6E-05	5.6E-05
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Benzene	1-h Max	9.4E-03	9.5E-03	9.5E-03	9.2E-05	9.2E-05
Acute	Aboriginal Community	37	Seymour Creek 2	Benzene	1-h Max	9.6E-03	9.7E-03	9.7E-03	8.7E-05	8.7E-05
Acute	Recreational Area	38	Seymour Golf & Country Club	Benzene	1-h Max	1.0E-02	1.1E-02	1.1E-02	3.6E-04	3.6E-04
Acute	Urban Community	39	Seymour Heights	Benzene	1-h Max	9.4E-03	9.5E-03	9.5E-03	1.1E-04	1.1E-04
Acute	School	40	Seymour Heights Elementary School	Benzene	1-h Max	9.3E-03	9.3E-03	9.3E-03	7.9E-05	7.9E-05
Acute	School	41	Sherwood Park Elementary School	Benzene	1-h Max	1.0E-02	1.1E-02	1.1E-02	3.5E-04	3.5E-04
Acute	Urban Community	42	Simon Fraser University	Benzene	1-h Max	9.6E-03	9.8E-03	9.8E-03	2.4E-04	2.4E-04
Acute	Urban Community	43	Sperling Broadway	Benzene	1-h Max	9.4E-03	9.5E-03	9.5E-03	1.5E-04	1.5E-04
Acute	Recreational Area	44	Takaya Golf Course	Benzene	1-h Max	9.7E-03	9.9E-03	9.9E-03	2.0E-04	2.0E-04
Acute	School	45	University Highlands Elementary	Benzene	1-h Max	9.2E-03	9.3E-03	9.3E-03	1.1E-04	1.1E-04
Acute	Urban Community	46	Westridge	Benzene	1-h Max	1.0E-02	1.1E-02	1.1E-02	5.3E-04	5.3E-04
Acute	Residence	47	Westridge 1	Benzene	1-h Max	1.2E-02	1.3E-02	1.3E-02	8.5E-04	8.5E-04
Acute	Residence	48	Westridge 2	Benzene	1-h Max	1.2E-02	1.3E-02	1.3E-02	1.1E-03	1.1E-03
Acute	Residence	49	Westridge 3	Benzene	1-h Max	1.2E-02	1.3E-02	1.3E-02	1.0E-03	1.0E-03

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Recreational Area	50	Westridge Park	Benzene	1-h Max	1.0E-02	1.1E-02	1.1E-02	4.3E-04	4.3E-04
Acute	Urban Community	51	Willingdon Heights	Benzene	1-h Max	9.6E-03	9.7E-03	9.7E-03	1.3E-04	1.3E-04
Acute	Urban Community	52	Windsor Park	Benzene	1-h Max	9.6E-03	9.8E-03	9.8E-03	1.8E-04	1.8E-04
Acute	MPOI	MPOI	MPOI	Benzene	1-h Max	2.2E-02	2.5E-02	2.5E-02	5.5E-03	5.5E-03
Acute	Recreational Area	1	Barnet Marine Park	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	7.0E-11	7.0E-11
Acute	Urban Community	2	Belcarra	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	4.8E-11	4.8E-11
Acute	Recreational Area	3	Belcarra Regional Park	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	9.4E-11	9.4E-11
Acute	Urban Community	4	Brentwood	Chlorobenzene	1-h Max	7.8E-07	7.8E-07	7.8E-07	1.3E-10	1.3E-10
Acute	Urban Community	5	Burnaby Heights	Chlorobenzene	1-h Max	7.8E-07	7.8E-07	7.8E-07	9.6E-11	9.6E-11
Acute	Recreational Area	6	Burnaby Lake	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	1.8E-11	1.8E-11
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	3.5E-11	3.5E-11
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Chlorobenzene	1-h Max	7.8E-07	7.7E-07	7.8E-07	1.0E-10	1.0E-10
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	2.8E-11	2.8E-11
Acute	Aboriginal Community	10	Burrard Inlet 3	Chlorobenzene	1-h Max	7.8E-07	7.7E-07	7.8E-07	8.1E-11	8.1E-11
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	2.6E-10	2.6E-10
Acute	Urban Community	12	Capital Hill	Chlorobenzene	1-h Max	7.8E-07	7.8E-07	7.8E-07	1.7E-10	1.7E-10
Acute	Recreational Area	13	Cates Park	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	1.3E-10	1.3E-10
Acute	Urban Community	14	Coombe	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	3.9E-11	3.9E-11
Acute	Urban Community	15	Coquitlam	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	3.6E-11	3.6E-11
Acute	Urban Community	16	Cove Cliff	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	5.7E-11	5.7E-11
Acute	Assisted-Living Complex	17	Dania Manor	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	2.7E-11	2.7E-11
Acute	Urban Community	18	Deep Cove	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	5.0E-11	5.0E-11
Acute	Urban Community	19	Dollarton	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	1.5E-10	1.5E-10
Acute	Urban Community	20	Douglas Gilpin	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	3.7E-11	3.7E-11
Acute	Recreational Area	21	Duthie Union Park	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	4.3E-11	4.3E-11
Acute	School	22	École Capitol Hill Elementary School	Chlorobenzene	1-h Max	7.8E-07	7.7E-07	7.8E-07	1.2E-10	1.2E-10
Acute	School	23	École Westridge Elementary School	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	1.6E-10	1.6E-10
Acute	School	24	Forest Grove Elementary School	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	3.6E-11	3.6E-11
Acute	Urban Community	25	Government Road	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	2.3E-11	2.3E-11
Acute	Recreational Area	26	Kensington Pitch & Putt	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	1.2E-10	1.2E-10
Acute	Urban Community	27	Lake City	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	3.7E-11	3.7E-11
Acute	Urban Community	28	Lochdale	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	5.9E-11	5.9E-11
Acute	School	29	Lochdale Community School	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	3.7E-11	3.7E-11
Acute	Urban Community	30	Lyndhurst	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	3.0E-11	3.0E-11
Acute	School	31	Montecito Elementary School	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	2.3E-11	2.3E-11

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Recreational Area	32	Mount Seymour Provincial Park	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	8.8E-11	8.8E-11
Acute	Recreational Area	33	Northlands Golf Course	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	6.2E-11	6.2E-11
Acute	Urban Community	34	Parkcrest Aubrey	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	1.7E-10	1.7E-10
Acute	Urban Community	35	Port Moody	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	4.8E-11	4.8E-11
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	7.5E-11	7.5E-11
Acute	Aboriginal Community	37	Seymour Creek 2	Chlorobenzene	1-h Max	7.8E-07	7.7E-07	7.8E-07	3.7E-11	3.7E-11
Acute	Recreational Area	38	Seymour Golf & Country Club	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	1.2E-10	1.2E-10
Acute	Urban Community	39	Seymour Heights	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	4.3E-11	4.3E-11
Acute	School	40	Seymour Heights Elementary School	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	3.1E-11	3.1E-11
Acute	School	41	Sherwood Park Elementary School	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	1.4E-10	1.4E-10
Acute	Urban Community	42	Simon Fraser University	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	4.9E-11	4.9E-11
Acute	Urban Community	43	Sperling Broadway	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	2.7E-11	2.7E-11
Acute	Recreational Area	44	Takaya Golf Course	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	5.0E-11	5.0E-11
Acute	School	45	University Highlands Elementary	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	6.2E-11	6.2E-11
Acute	Urban Community	46	Westridge	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	1.8E-10	1.8E-10
Acute	Residence	47	Westridge 1	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	2.4E-10	2.4E-10
Acute	Residence	48	Westridge 2	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	2.8E-10	2.8E-10
Acute	Residence	49	Westridge 3	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	2.2E-10	2.2E-10
Acute	Recreational Area	50	Westridge Park	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	8.0E-11	8.0E-11
Acute	Urban Community	51	Willingdon Heights	Chlorobenzene	1-h Max	7.8E-07	7.7E-07	7.8E-07	8.7E-11	8.7E-11
Acute	Urban Community	52	Windsor Park	Chlorobenzene	1-h Max	7.7E-07	7.7E-07	7.7E-07	4.3E-11	4.3E-11
Acute	MPOI	MPOI	MPOI	Chlorobenzene	1-h Max	7.8E-07	7.8E-07	7.8E-07	1.0E-09	1.0E-09
Acute	Recreational Area	1	Barnet Marine Park	Chromium (Cr3+)	1-h Max	1.6E-04	1.6E-04	1.6E-04	3.5E-06	3.5E-06
Acute	Urban Community	2	Belcarra	Chromium (Cr3+)	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.4E-06	3.4E-06
Acute	Recreational Area	3	Belcarra Regional Park	Chromium (Cr3+)	1-h Max	1.7E-04	1.7E-04	1.7E-04	4.3E-06	4.3E-06
Acute	Urban Community	4	Brentwood	Chromium (Cr3+)	1-h Max	2.2E-04	2.2E-04	2.2E-04	6.2E-06	6.2E-06
Acute	Urban Community	5	Burnaby Heights	Chromium (Cr3+)	1-h Max	2.6E-04	2.6E-04	2.6E-04	5.0E-06	5.0E-06
Acute	Recreational Area	6	Burnaby Lake	Chromium (Cr3+)	1-h Max	1.2E-04	1.2E-04	1.2E-04	3.6E-06	3.6E-06
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Chromium (Cr3+)	1-h Max	1.4E-04	1.4E-04	1.4E-04	3.6E-06	3.6E-06
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Chromium (Cr3+)	1-h Max	2.5E-04	2.5E-04	2.5E-04	4.5E-06	4.5E-06
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Chromium (Cr3+)	1-h Max	1.6E-04	1.6E-04	1.6E-04	4.3E-06	4.3E-06
Acute	Aboriginal Community	10	Burrard Inlet 3	Chromium (Cr3+)	1-h Max	1.3E-04	1.3E-04	1.3E-04	4.2E-06	4.2E-06
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Chromium (Cr3+)	1-h Max	1.8E-04	1.8E-04	1.8E-04	1.2E-05	1.2E-05
Acute	Urban Community	12	Capital Hill	Chromium (Cr3+)	1-h Max	2.8E-04	2.8E-04	2.8E-04	8.6E-06	8.6E-06
Acute	Recreational Area	13	Cates Park	Chromium (Cr3+)	1-h Max	1.3E-04	1.3E-04	1.3E-04	6.2E-06	6.2E-06

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	14	Coombe	Chromium (Cr3+)	1-h Max	1.3E-04	1.4E-04	1.3E-04	2.5E-06	2.5E-06
Acute	Urban Community	15	Coquitlam	Chromium (Cr3+)	1-h Max	1.3E-04	1.3E-04	1.3E-04	3.1E-06	3.1E-06
Acute	Urban Community	16	Cove Cliff	Chromium (Cr3+)	1-h Max	1.4E-04	1.4E-04	1.4E-04	3.6E-06	3.6E-06
Acute	Assisted-Living Complex	17	Dania Manor	Chromium (Cr3+)	1-h Max	1.4E-04	1.4E-04	1.4E-04	3.7E-06	3.7E-06
Acute	Urban Community	18	Deep Cove	Chromium (Cr3+)	1-h Max	1.2E-04	1.2E-04	1.2E-04	3.8E-06	3.8E-06
Acute	Urban Community	19	Dollarton	Chromium (Cr3+)	1-h Max	1.5E-04	1.5E-04	1.5E-04	6.8E-06	6.8E-06
Acute	Urban Community	20	Douglas Gilpin	Chromium (Cr3+)	1-h Max	1.6E-04	1.6E-04	1.6E-04	3.7E-06	3.7E-06
Acute	Recreational Area	21	Duthie Union Park	Chromium (Cr3+)	1-h Max	2.2E-04	2.2E-04	2.2E-04	3.2E-06	3.2E-06
Acute	School	22	École Capitol Hill Elementary School	Chromium (Cr3+)	1-h Max	2.4E-04	2.4E-04	2.4E-04	5.8E-06	5.8E-06
Acute	School	23	École Westridge Elementary School	Chromium (Cr3+)	1-h Max	2.1E-04	2.1E-04	2.1E-04	8.1E-06	8.1E-06
Acute	School	24	Forest Grove Elementary School	Chromium (Cr3+)	1-h Max	1.3E-04	1.3E-04	1.3E-04	3.3E-06	3.3E-06
Acute	Urban Community	25	Government Road	Chromium (Cr3+)	1-h Max	1.4E-04	1.4E-04	1.4E-04	3.6E-06	3.6E-06
Acute	Recreational Area	26	Kensington Pitch & Putt	Chromium (Cr3+)	1-h Max	2.1E-04	2.1E-04	2.1E-04	6.9E-06	6.9E-06
Acute	Urban Community	27	Lake City	Chromium (Cr3+)	1-h Max	1.4E-04	1.5E-04	1.4E-04	4.3E-06	4.3E-06
Acute	Urban Community	28	Lochdale	Chromium (Cr3+)	1-h Max	2.2E-04	2.2E-04	2.2E-04	4.5E-06	4.5E-06
Acute	School	29	Lochdale Community School	Chromium (Cr3+)	1-h Max	2.1E-04	2.1E-04	2.1E-04	3.3E-06	3.3E-06
Acute	Urban Community	30	Lyndhurst	Chromium (Cr3+)	1-h Max	1.1E-04	1.1E-04	1.1E-04	3.3E-06	3.3E-06
Acute	School	31	Montecito Elementary School	Chromium (Cr3+)	1-h Max	1.6E-04	1.6E-04	1.6E-04	3.5E-06	3.5E-06
Acute	Recreational Area	32	Mount Seymour Provincial Park	Chromium (Cr3+)	1-h Max	1.6E-04	1.6E-04	1.6E-04	4.0E-06	4.0E-06
Acute	Recreational Area	33	Northlands Golf Course	Chromium (Cr3+)	1-h Max	1.6E-04	1.6E-04	1.6E-04	3.3E-06	3.3E-06
Acute	Urban Community	34	Parkcrest Aubrey	Chromium (Cr3+)	1-h Max	2.0E-04	2.0E-04	2.0E-04	7.4E-06	7.4E-06
Acute	Urban Community	35	Port Moody	Chromium (Cr3+)	1-h Max	1.5E-04	1.5E-04	1.5E-04	3.0E-06	3.0E-06
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Chromium (Cr3+)	1-h Max	1.4E-04	1.5E-04	1.5E-04	5.3E-06	5.3E-06
Acute	Aboriginal Community	37	Seymour Creek 2	Chromium (Cr3+)	1-h Max	1.3E-04	1.3E-04	1.3E-04	4.6E-06	4.6E-06
Acute	Recreational Area	38	Seymour Golf & Country Club	Chromium (Cr3+)	1-h Max	1.5E-04	1.5E-04	1.5E-04	5.7E-06	5.7E-06
Acute	Urban Community	39	Seymour Heights	Chromium (Cr3+)	1-h Max	1.5E-04	1.5E-04	1.5E-04	3.7E-06	3.7E-06
Acute	School	40	Seymour Heights Elementary School	Chromium (Cr3+)	1-h Max	1.5E-04	1.5E-04	1.5E-04	3.9E-06	3.9E-06
Acute	School	41	Sherwood Park Elementary School	Chromium (Cr3+)	1-h Max	1.5E-04	1.5E-04	1.5E-04	6.5E-06	6.5E-06
Acute	Urban Community	42	Simon Fraser University	Chromium (Cr3+)	1-h Max	1.8E-04	1.8E-04	1.8E-04	3.1E-06	3.1E-06
Acute	Urban Community	43	Sperling Broadway	Chromium (Cr3+)	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.4E-06	3.4E-06
Acute	Recreational Area	44	Takaya Golf Course	Chromium (Cr3+)	1-h Max	1.5E-04	1.6E-04	1.6E-04	4.3E-06	4.3E-06
Acute	School	45	University Highlands Elementary	Chromium (Cr3+)	1-h Max	1.8E-04	1.8E-04	1.8E-04	3.0E-06	3.0E-06
Acute	Urban Community	46	Westridge	Chromium (Cr3+)	1-h Max	2.3E-04	2.3E-04	2.3E-04	8.2E-06	8.2E-06
Acute	Residence	47	Westridge 1	Chromium (Cr3+)	1-h Max	1.8E-04	1.8E-04	1.8E-04	1.1E-05	1.1E-05
Acute	Residence	48	Westridge 2	Chromium (Cr3+)	1-h Max	1.9E-04	1.9E-04	1.9E-04	1.3E-05	1.3E-05



Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Residence	49	Westridge 3	Chromium (Cr3+)	1-h Max	2.0E-04	2.0E-04	2.0E-04	1.0E-05	1.0E-05
Acute	Recreational Area	50	Westridge Park	Chromium (Cr3+)	1-h Max	2.0E-04	2.0E-04	2.0E-04	4.0E-06	4.0E-06
Acute	Urban Community	51	Willingdon Heights	Chromium (Cr3+)	1-h Max	2.1E-04	2.1E-04	2.1E-04	5.1E-06	5.1E-06
Acute	Urban Community	52	Windsor Park	Chromium (Cr3+)	1-h Max	1.5E-04	1.5E-04	1.5E-04	3.7E-06	3.7E-06
Acute	MPOI	MPOI	MPOI	Chromium (Cr3+)	1-h Max	2.9E-04	2.9E-04	2.9E-04	4.5E-05	4.5E-05
Acute	Recreational Area	1	Barnet Marine Park	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	8.9E-05	8.9E-05
Acute	Urban Community	2	Belcarra	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	7.2E-05	7.2E-05
Acute	Recreational Area	3	Belcarra Regional Park	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	1.2E-04	1.2E-04
Acute	Urban Community	4	Brentwood	CO	1-h Max	1.7E-02	1.7E-02	1.7E-02	1.6E-04	1.6E-04
Acute	Urban Community	5	Burnaby Heights	CO	1-h Max	1.7E-02	1.7E-02	1.7E-02	1.3E-04	1.3E-04
Acute	Recreational Area	6	Burnaby Lake	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	2.3E-05	2.3E-05
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	4.6E-05	4.6E-05
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	CO	1-h Max	1.7E-02	1.7E-02	1.7E-02	1.3E-04	1.3E-04
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	3.7E-05	3.7E-05
Acute	Aboriginal Community	10	Burrard Inlet 3	CO	1-h Max	1.7E-02	1.7E-02	1.7E-02	1.0E-04	1.0E-04
Acute	Recreational Area	11	Burrard Inlet Conservation Area	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	3.4E-04	3.4E-04
Acute	Urban Community	12	Capital Hill	CO	1-h Max	1.7E-02	1.7E-02	1.7E-02	2.2E-04	2.2E-04
Acute	Recreational Area	13	Cates Park	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	1.7E-04	1.7E-04
Acute	Urban Community	14	Coombe	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	5.4E-05	5.4E-05
Acute	Urban Community	15	Coquitlam	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	4.8E-05	4.8E-05
Acute	Urban Community	16	Cove Cliff	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	8.7E-05	8.7E-05
Acute	Assisted-Living Complex	17	Dania Manor	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	3.6E-05	3.6E-05
Acute	Urban Community	18	Deep Cove	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	6.3E-05	6.3E-05
Acute	Urban Community	19	Dollarton	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	1.9E-04	1.9E-04
Acute	Urban Community	20	Douglas Gilpin	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	5.0E-05	5.0E-05
Acute	Recreational Area	21	Duthie Union Park	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	5.8E-05	5.8E-05
Acute	School	22	École Capitol Hill Elementary School	CO	1-h Max	1.7E-02	1.7E-02	1.7E-02	1.6E-04	1.6E-04
Acute	School	23	École Westridge Elementary School	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	2.0E-04	2.0E-04
Acute	School	24	Forest Grove Elementary School	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	4.6E-05	4.6E-05
Acute	Urban Community	25	Government Road	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	3.0E-05	3.0E-05
Acute	Recreational Area	26	Kensington Pitch & Putt	CO	1-h Max	1.7E-02	1.7E-02	1.7E-02	1.6E-04	1.6E-04
Acute	Urban Community	27	Lake City	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	4.7E-05	4.7E-05
Acute	Urban Community	28	Lochdale	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	7.6E-05	7.6E-05
Acute	School	29	Lochdale Community School	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	4.7E-05	4.7E-05
Acute	Urban Community	30	Lyndhurst	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	4.1E-05	4.1E-05

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	School	31	Montecito Elementary School	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	2.9E-05	2.9E-05
Acute	Recreational Area	32	Mount Seymour Provincial Park	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	1.1E-04	1.1E-04
Acute	Recreational Area	33	Northlands Golf Course	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	8.6E-05	8.6E-05
Acute	Urban Community	34	Parkcrest Aubrey	CO	1-h Max	1.7E-02	1.7E-02	1.7E-02	2.1E-04	2.1E-04
Acute	Urban Community	35	Port Moody	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	1.1E-04	1.1E-04
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	1.0E-04	1.0E-04
Acute	Aboriginal Community	37	Seymour Creek 2	CO	1-h Max	1.7E-02	1.7E-02	1.7E-02	4.1E-05	8.9E-05
Acute	Recreational Area	38	Seymour Golf & Country Club	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	1.6E-04	1.6E-04
Acute	Urban Community	39	Seymour Heights	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	5.4E-05	5.4E-05
Acute	School	40	Seymour Heights Elementary School	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	3.9E-05	3.9E-05
Acute	School	41	Sherwood Park Elementary School	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	1.9E-04	1.9E-04
Acute	Urban Community	42	Simon Fraser University	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	1.0E-04	1.0E-04
Acute	Urban Community	43	Sperling Broadway	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	3.5E-05	3.5E-05
Acute	Recreational Area	44	Takaya Golf Course	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	7.0E-05	7.0E-05
Acute	School	45	University Highlands Elementary	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	8.1E-05	8.1E-05
Acute	Urban Community	46	Westridge	CO	1-h Max	1.7E-02	1.7E-02	1.7E-02	2.3E-04	2.3E-04
Acute	Residence	47	Westridge 1	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	3.0E-04	3.0E-04
Acute	Residence	48	Westridge 2	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	3.6E-04	3.6E-04
Acute	Residence	49	Westridge 3	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	2.8E-04	2.8E-04
Acute	Recreational Area	50	Westridge Park	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	1.0E-04	1.0E-04
Acute	Urban Community	51	Willingdon Heights	CO	1-h Max	1.7E-02	1.7E-02	1.7E-02	1.2E-04	1.2E-04
Acute	Urban Community	52	Windsor Park	CO	1-h Max	1.6E-02	1.6E-02	1.6E-02	6.2E-05	6.2E-05
Acute	MPOI	MPOI	MPOI	CO	1-h Max	1.8E-02	1.8E-02	1.8E-02	1.3E-03	1.3E-03
Acute	Recreational Area	1	Barnet Marine Park	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	8.5E-08	8.5E-08
Acute	Urban Community	2	Belcarra	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	8.3E-08	8.3E-08
Acute	Recreational Area	3	Belcarra Regional Park	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	1.0E-07	1.0E-07
Acute	Urban Community	4	Brentwood	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	1.5E-07	1.5E-07
Acute	Urban Community	5	Burnaby Heights	Copper	1-h Max	1.3E-04	1.3E-04	1.3E-04	1.2E-07	1.2E-07
Acute	Recreational Area	6	Burnaby Lake	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	8.9E-08	8.9E-08
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	8.8E-08	8.8E-08
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Copper	1-h Max	1.3E-04	1.3E-04	1.3E-04	1.1E-07	1.1E-07
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	1.0E-07	1.0E-07
Acute	Aboriginal Community	10	Burrard Inlet 3	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	1.0E-07	1.0E-07
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	2.9E-07	2.9E-07
Acute	Urban Community	12	Capital Hill	Copper	1-h Max	1.3E-04	1.3E-04	1.3E-04	2.1E-07	2.1E-07

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Recreational Area	13	Cates Park	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	1.5E-07	1.5E-07
Acute	Urban Community	14	Coombe	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	6.2E-08	6.2E-08
Acute	Urban Community	15	Coquitlam	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	7.4E-08	7.4E-08
Acute	Urban Community	16	Cove Cliff	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	8.9E-08	8.9E-08
Acute	Assisted-Living Complex	17	Dania Manor	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	9.1E-08	9.1E-08
Acute	Urban Community	18	Deep Cove	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	9.2E-08	9.2E-08
Acute	Urban Community	19	Dollarton	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	1.6E-07	1.6E-07
Acute	Urban Community	20	Douglas Gilpin	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	9.0E-08	9.0E-08
Acute	Recreational Area	21	Duthie Union Park	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	7.8E-08	7.8E-08
Acute	School	22	École Capitol Hill Elementary School	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	1.4E-07	1.4E-07
Acute	School	23	École Westridge Elementary School	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	2.0E-07	2.0E-07
Acute	School	24	Forest Grove Elementary School	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	7.9E-08	7.9E-08
Acute	Urban Community	25	Government Road	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	8.7E-08	8.7E-08
Acute	Recreational Area	26	Kensington Pitch & Putt	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	1.7E-07	1.7E-07
Acute	Urban Community	27	Lake City	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	1.1E-07	1.1E-07
Acute	Urban Community	28	Lochdale	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	1.1E-07	1.1E-07
Acute	School	29	Lochdale Community School	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	8.0E-08	8.0E-08
Acute	Urban Community	30	Lyndhurst	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	8.0E-08	8.0E-08
Acute	School	31	Montecito Elementary School	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	8.4E-08	8.4E-08
Acute	Recreational Area	32	Mount Seymour Provincial Park	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	9.8E-08	9.8E-08
Acute	Recreational Area	33	Northlands Golf Course	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	8.1E-08	8.1E-08
Acute	Urban Community	34	Parkcrest Aubrey	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	1.8E-07	1.8E-07
Acute	Urban Community	35	Port Moody	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	7.3E-08	7.3E-08
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	1.3E-07	1.3E-07
Acute	Aboriginal Community	37	Seymour Creek 2	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	1.1E-07	1.1E-07
Acute	Recreational Area	38	Seymour Golf & Country Club	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	1.4E-07	1.4E-07
Acute	Urban Community	39	Seymour Heights	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	9.0E-08	9.0E-08
Acute	School	40	Seymour Heights Elementary School	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	9.4E-08	9.4E-08
Acute	School	41	Sherwood Park Elementary School	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	1.6E-07	1.6E-07
Acute	Urban Community	42	Simon Fraser University	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	7.5E-08	7.5E-08
Acute	Urban Community	43	Sperling Broadway	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	8.4E-08	8.4E-08
Acute	Recreational Area	44	Takaya Golf Course	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	1.0E-07	1.0E-07
Acute	School	45	University Highlands Elementary	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	7.3E-08	7.3E-08
Acute	Urban Community	46	Westridge	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	2.0E-07	2.0E-07
Acute	Residence	47	Westridge 1	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	2.6E-07	2.6E-07

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Residence	48	Westridge 2	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	3.1E-07	3.1E-07
Acute	Residence	49	Westridge 3	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	2.4E-07	2.4E-07
Acute	Recreational Area	50	Westridge Park	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	9.6E-08	9.6E-08
Acute	Urban Community	51	Willingdon Heights	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	1.2E-07	1.2E-07
Acute	Urban Community	52	Windsor Park	Copper	1-h Max	1.2E-04	1.2E-04	1.2E-04	9.0E-08	9.0E-08
Acute	MPOI	MPOI	MPOI	Copper	1-h Max	1.3E-04	1.3E-04	1.3E-04	1.1E-06	1.1E-06
Acute	Recreational Area	1	Barnet Marine Park	Ethanethiol Group	1-h Max	4.1E-06	5.9E-06	5.9E-06	1.9E-06	1.9E-06
Acute	Urban Community	2	Belcarra	Ethanethiol Group	1-h Max	6.7E-06	8.8E-06	8.8E-06	2.1E-06	2.1E-06
Acute	Recreational Area	3	Belcarra Regional Park	Ethanethiol Group	1-h Max	8.5E-06	1.2E-05	1.2E-05	3.3E-06	3.3E-06
Acute	Urban Community	4	Brentwood	Ethanethiol Group	1-h Max	2.2E-06	3.1E-06	3.1E-06	1.1E-06	1.1E-06
Acute	Urban Community	5	Burnaby Heights	Ethanethiol Group	1-h Max	2.1E-06	3.0E-06	3.0E-06	9.1E-07	9.1E-07
Acute	Recreational Area	6	Burnaby Lake	Ethanethiol Group	1-h Max	5.6E-07	7.5E-07	7.5E-07	2.1E-07	2.1E-07
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Ethanethiol Group	1-h Max	7.6E-07	1.1E-06	1.1E-06	3.3E-07	3.3E-07
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Ethanethiol Group	1-h Max	5.6E-06	9.4E-06	9.4E-06	3.9E-06	3.9E-06
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Ethanethiol Group	1-h Max	2.0E-06	2.6E-06	2.6E-06	7.8E-07	7.8E-07
Acute	Aboriginal Community	10	Burrard Inlet 3	Ethanethiol Group	1-h Max	5.3E-06	7.2E-06	7.2E-06	2.0E-06	2.0E-06
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Ethanethiol Group	1-h Max	6.0E-06	1.4E-05	1.4E-05	8.1E-06	8.1E-06
Acute	Urban Community	12	Capital Hill	Ethanethiol Group	1-h Max	4.7E-06	7.0E-06	7.0E-06	2.5E-06	2.5E-06
Acute	Recreational Area	13	Cates Park	Ethanethiol Group	1-h Max	5.3E-06	8.3E-06	8.3E-06	3.1E-06	3.1E-06
Acute	Urban Community	14	Coombe	Ethanethiol Group	1-h Max	3.1E-06	4.0E-06	4.0E-06	1.0E-06	1.0E-06
Acute	Urban Community	15	Coquitlam	Ethanethiol Group	1-h Max	4.4E-07	5.4E-07	5.4E-07	1.7E-07	1.7E-07
Acute	Urban Community	16	Cove Cliff	Ethanethiol Group	1-h Max	4.5E-06	6.0E-06	6.0E-06	1.5E-06	1.5E-06
Acute	Assisted-Living Complex	17	Dania Manor	Ethanethiol Group	1-h Max	9.8E-07	1.3E-06	1.3E-06	3.5E-07	3.5E-07
Acute	Urban Community	18	Deep Cove	Ethanethiol Group	1-h Max	4.0E-06	5.2E-06	5.2E-06	1.2E-06	1.2E-06
Acute	Urban Community	19	Dollarton	Ethanethiol Group	1-h Max	5.7E-06	8.0E-06	8.0E-06	2.4E-06	2.4E-06
Acute	Urban Community	20	Douglas Gilpin	Ethanethiol Group	1-h Max	1.1E-06	1.4E-06	1.4E-06	3.8E-07	3.8E-07
Acute	Recreational Area	21	Duthie Union Park	Ethanethiol Group	1-h Max	2.9E-06	4.8E-06	4.8E-06	2.0E-06	2.0E-06
Acute	School	22	École Capitol Hill Elementary School	Ethanethiol Group	1-h Max	2.9E-06	4.2E-06	4.2E-06	1.5E-06	1.5E-06
Acute	School	23	École Westridge Elementary School	Ethanethiol Group	1-h Max	3.7E-06	5.5E-06	5.5E-06	1.8E-06	1.8E-06
Acute	School	24	Forest Grove Elementary School	Ethanethiol Group	1-h Max	7.9E-07	1.0E-06	1.0E-06	3.0E-07	3.0E-07
Acute	Urban Community	25	Government Road	Ethanethiol Group	1-h Max	8.4E-07	1.1E-06	1.1E-06	3.2E-07	3.2E-07
Acute	Recreational Area	26	Kensington Pitch & Putt	Ethanethiol Group	1-h Max	2.6E-06	3.6E-06	3.6E-06	1.2E-06	1.2E-06
Acute	Urban Community	27	Lake City	Ethanethiol Group	1-h Max	1.8E-06	2.4E-06	2.4E-06	6.3E-07	6.3E-07
Acute	Urban Community	28	Lochdale	Ethanethiol Group	1-h Max	3.5E-06	5.6E-06	5.6E-06	2.3E-06	2.3E-06
Acute	School	29	Lochdale Community School	Ethanethiol Group	1-h Max	3.4E-06	4.8E-06	4.8E-06	1.6E-06	1.6E-06

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	30	Lyndhurst	Ethanethiol Group	1-h Max	3.9E-07	4.9E-07	4.9E-07	1.5E-07	1.5E-07
Acute	School	31	Montecito Elementary School	Ethanethiol Group	1-h Max	1.1E-06	1.6E-06	1.6E-06	5.3E-07	5.3E-07
Acute	Recreational Area	32	Mount Seymour Provincial Park	Ethanethiol Group	1-h Max	4.1E-06	5.3E-06	5.3E-06	1.3E-06	1.3E-06
Acute	Recreational Area	33	Northlands Golf Course	Ethanethiol Group	1-h Max	3.0E-06	3.9E-06	3.9E-06	9.7E-07	9.7E-07
Acute	Urban Community	34	Parkcrest Aubrey	Ethanethiol Group	1-h Max	3.0E-06	4.4E-06	4.4E-06	1.6E-06	1.6E-06
Acute	Urban Community	35	Port Moody	Ethanethiol Group	1-h Max	6.6E-07	8.6E-07	8.6E-07	2.7E-07	2.7E-07
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Ethanethiol Group	1-h Max	1.3E-06	1.6E-06	1.6E-06	4.8E-07	4.8E-07
Acute	Aboriginal Community	37	Seymour Creek 2	Ethanethiol Group	1-h Max	1.4E-06	1.9E-06	1.9E-06	4.9E-07	4.9E-07
Acute	Recreational Area	38	Seymour Golf & Country Club	Ethanethiol Group	1-h Max	5.9E-06	7.9E-06	7.9E-06	2.1E-06	2.1E-06
Acute	Urban Community	39	Seymour Heights	Ethanethiol Group	1-h Max	1.8E-06	2.4E-06	2.4E-06	6.4E-07	6.4E-07
Acute	School	40	Seymour Heights Elementary School	Ethanethiol Group	1-h Max	1.3E-06	1.7E-06	1.7E-06	4.4E-07	4.4E-07
Acute	School	41	Sherwood Park Elementary School	Ethanethiol Group	1-h Max	5.5E-06	7.5E-06	7.5E-06	2.0E-06	2.0E-06
Acute	Urban Community	42	Simon Fraser University	Ethanethiol Group	1-h Max	2.8E-06	3.6E-06	3.6E-06	1.1E-06	1.1E-06
Acute	Urban Community	43	Sperling Broadway	Ethanethiol Group	1-h Max	2.0E-06	2.9E-06	2.9E-06	8.8E-07	8.8E-07
Acute	Recreational Area	44	Takaya Golf Course	Ethanethiol Group	1-h Max	3.4E-06	4.5E-06	4.5E-06	1.1E-06	1.1E-06
Acute	School	45	University Highlands Elementary	Ethanethiol Group	1-h Max	1.3E-06	1.6E-06	1.6E-06	5.6E-07	5.6E-07
Acute	Urban Community	46	Westridge	Ethanethiol Group	1-h Max	5.0E-06	9.3E-06	9.3E-06	4.6E-06	4.6E-06
Acute	Residence	47	Westridge 1	Ethanethiol Group	1-h Max	6.1E-06	1.4E-05	1.4E-05	8.6E-06	8.6E-06
Acute	Residence	48	Westridge 2	Ethanethiol Group	1-h Max	5.8E-06	1.7E-05	1.7E-05	1.2E-05	1.2E-05
Acute	Residence	49	Westridge 3	Ethanethiol Group	1-h Max	5.4E-06	1.7E-05	1.7E-05	1.2E-05	1.2E-05
Acute	Recreational Area	50	Westridge Park	Ethanethiol Group	1-h Max	5.0E-06	8.4E-06	8.4E-06	3.6E-06	3.6E-06
Acute	Urban Community	51	Willingdon Heights	Ethanethiol Group	1-h Max	1.6E-06	2.2E-06	2.2E-06	7.0E-07	7.0E-07
Acute	Urban Community	52	Windsor Park	Ethanethiol Group	1-h Max	3.0E-06	4.0E-06	4.0E-06	1.0E-06	1.0E-06
Acute	MPOI	MPOI	MPOI	Ethanethiol Group	1-h Max	9.9E-06	7.9E-05	7.9E-05	7.5E-05	7.5E-05
Acute	Recreational Area	1	Barnet Marine Park	Ethylbenzene	1-h Max	1.6E-04	1.6E-04	1.6E-04	2.5E-07	2.5E-07
Acute	Urban Community	2	Belcarra	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	3.0E-07	3.0E-07
Acute	Recreational Area	3	Belcarra Regional Park	Ethylbenzene	1-h Max	1.6E-04	1.6E-04	1.6E-04	4.1E-07	4.1E-07
Acute	Urban Community	4	Brentwood	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	2.4E-07	2.4E-07
Acute	Urban Community	5	Burnaby Heights	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	1.9E-07	1.9E-07
Acute	Recreational Area	6	Burnaby Lake	Ethylbenzene	1-h Max	1.3E-04	1.3E-04	1.3E-04	1.6E-07	1.6E-07
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Ethylbenzene	1-h Max	1.3E-04	1.3E-04	1.3E-04	2.2E-07	2.2E-07
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Ethylbenzene	1-h Max	2.1E-04	2.1E-04	2.1E-04	5.3E-07	5.3E-07
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Ethylbenzene	1-h Max	1.3E-04	1.3E-04	1.3E-04	2.8E-07	2.8E-07
Acute	Aboriginal Community	10	Burrard Inlet 3	Ethylbenzene	1-h Max	1.6E-04	1.6E-04	1.6E-04	2.9E-07	2.9E-07
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Ethylbenzene	1-h Max	3.0E-04	3.0E-04	3.0E-04	7.5E-07	7.5E-07

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	12	Capital Hill	Ethylbenzene	1-h Max	2.0E-04	2.0E-04	2.0E-04	3.9E-07	3.9E-07
Acute	Recreational Area	13	Cates Park	Ethylbenzene	1-h Max	2.0E-04	2.0E-04	2.0E-04	3.9E-07	3.9E-07
Acute	Urban Community	14	Coombe	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	1.5E-07	1.5E-07
Acute	Urban Community	15	Coquitlam	Ethylbenzene	1-h Max	1.3E-04	1.3E-04	1.3E-04	2.0E-07	2.0E-07
Acute	Urban Community	16	Cove Cliff	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	2.2E-07	2.2E-07
Acute	Assisted-Living Complex	17	Dania Manor	Ethylbenzene	1-h Max	1.3E-04	1.3E-04	1.3E-04	1.6E-07	1.6E-07
Acute	Urban Community	18	Deep Cove	Ethylbenzene	1-h Max	1.3E-04	1.3E-04	1.3E-04	1.8E-07	1.8E-07
Acute	Urban Community	19	Dollarton	Ethylbenzene	1-h Max	2.0E-04	2.0E-04	2.0E-04	3.6E-07	3.6E-07
Acute	Urban Community	20	Douglas Gilpin	Ethylbenzene	1-h Max	1.3E-04	1.3E-04	1.3E-04	1.7E-07	1.7E-07
Acute	Recreational Area	21	Duthie Union Park	Ethylbenzene	1-h Max	1.6E-04	1.6E-04	1.6E-04	3.0E-07	3.0E-07
Acute	School	22	École Capitol Hill Elementary School	Ethylbenzene	1-h Max	1.5E-04	1.5E-04	1.5E-04	2.6E-07	2.6E-07
Acute	School	23	École Westridge Elementary School	Ethylbenzene	1-h Max	1.5E-04	1.5E-04	1.5E-04	3.3E-07	3.3E-07
Acute	School	24	Forest Grove Elementary School	Ethylbenzene	1-h Max	1.3E-04	1.3E-04	1.3E-04	4.7E-07	4.7E-07
Acute	Urban Community	25	Government Road	Ethylbenzene	1-h Max	1.3E-04	1.3E-04	1.3E-04	3.4E-07	3.4E-07
Acute	Recreational Area	26	Kensington Pitch & Putt	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	2.6E-07	2.6E-07
Acute	Urban Community	27	Lake City	Ethylbenzene	1-h Max	1.3E-04	1.3E-04	1.3E-04	4.5E-07	4.5E-07
Acute	Urban Community	28	Lochdale	Ethylbenzene	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.5E-07	3.5E-07
Acute	School	29	Lochdale Community School	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	2.9E-07	2.9E-07
Acute	Urban Community	30	Lyndhurst	Ethylbenzene	1-h Max	1.3E-04	1.3E-04	1.3E-04	2.2E-07	2.2E-07
Acute	School	31	Montecito Elementary School	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	2.4E-07	2.4E-07
Acute	Recreational Area	32	Mount Seymour Provincial Park	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	2.2E-07	2.2E-07
Acute	Recreational Area	33	Northlands Golf Course	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	1.7E-07	1.7E-07
Acute	Urban Community	34	Parkcrest Aubrey	Ethylbenzene	1-h Max	1.5E-04	1.5E-04	1.5E-04	3.1E-07	3.1E-07
Acute	Urban Community	35	Port Moody	Ethylbenzene	1-h Max	1.3E-04	1.3E-04	1.3E-04	1.4E-07	1.4E-07
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	1.4E-07	1.4E-07
Acute	Aboriginal Community	37	Seymour Creek 2	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	1.0E-07	1.0E-07
Acute	Recreational Area	38	Seymour Golf & Country Club	Ethylbenzene	1-h Max	1.5E-04	1.5E-04	1.5E-04	3.3E-07	3.3E-07
Acute	Urban Community	39	Seymour Heights	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	1.1E-07	1.1E-07
Acute	School	40	Seymour Heights Elementary School	Ethylbenzene	1-h Max	1.3E-04	1.4E-04	1.4E-04	7.5E-08	7.5E-08
Acute	School	41	Sherwood Park Elementary School	Ethylbenzene	1-h Max	1.6E-04	1.6E-04	1.6E-04	3.3E-07	3.3E-07
Acute	Urban Community	42	Simon Fraser University	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	6.5E-07	6.5E-07
Acute	Urban Community	43	Sperling Broadway	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	2.6E-07	2.6E-07
Acute	Recreational Area	44	Takaya Golf Course	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	1.8E-07	1.8E-07
Acute	School	45	University Highlands Elementary	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	2.2E-07	2.2E-07
Acute	Urban Community	46	Westridge	Ethylbenzene	1-h Max	2.3E-04	2.3E-04	2.3E-04	5.1E-07	5.1E-07

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Residence	47	Westridge 1	Ethylbenzene	1-h Max	5.0E-04	5.0E-04	5.0E-04	7.6E-07	7.6E-07
Acute	Residence	48	Westridge 2	Ethylbenzene	1-h Max	4.9E-04	4.9E-04	4.9E-04	9.0E-07	9.0E-07
Acute	Residence	49	Westridge 3	Ethylbenzene	1-h Max	4.8E-04	4.8E-04	4.8E-04	8.8E-07	8.8E-07
Acute	Recreational Area	50	Westridge Park	Ethylbenzene	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.9E-07	3.9E-07
Acute	Urban Community	51	Willingdon Heights	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	1.8E-07	1.8E-07
Acute	Urban Community	52	Windsor Park	Ethylbenzene	1-h Max	1.4E-04	1.4E-04	1.4E-04	1.6E-07	1.6E-07
Acute	MPOI	MPOI	MPOI	Ethylbenzene	1-h Max	2.6E-03	2.6E-03	2.6E-03	2.3E-05	2.3E-05
Acute	Recreational Area	1	Barnet Marine Park	Formaldehyde	1-h Max	2.1E-02	2.1E-02	2.1E-02	1.7E-03	1.7E-03
Acute	Urban Community	2	Belcarra	Formaldehyde	1-h Max	2.1E-02	2.1E-02	2.1E-02	1.1E-03	1.1E-03
Acute	Recreational Area	3	Belcarra Regional Park	Formaldehyde	1-h Max	2.3E-02	2.3E-02	2.3E-02	2.2E-03	2.2E-03
Acute	Urban Community	4	Brentwood	Formaldehyde	1-h Max	4.4E-02	4.4E-02	4.4E-02	3.0E-03	3.0E-03
Acute	Urban Community	5	Burnaby Heights	Formaldehyde	1-h Max	6.3E-02	6.3E-02	6.3E-02	2.3E-03	2.3E-03
Acute	Recreational Area	6	Burnaby Lake	Formaldehyde	1-h Max	1.1E-02	1.1E-02	1.1E-02	4.2E-04	4.2E-04
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Formaldehyde	1-h Max	1.4E-02	1.4E-02	1.4E-02	8.4E-04	8.4E-04
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Formaldehyde	1-h Max	4.8E-02	4.9E-02	4.9E-02	2.4E-03	2.4E-03
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Formaldehyde	1-h Max	1.6E-02	1.6E-02	1.6E-02	6.7E-04	6.7E-04
Acute	Aboriginal Community	10	Burrard Inlet 3	Formaldehyde	1-h Max	4.4E-02	4.5E-02	4.5E-02	1.9E-03	1.9E-03
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Formaldehyde	1-h Max	3.0E-02	3.0E-02	3.0E-02	6.3E-03	6.3E-03
Acute	Urban Community	12	Capital Hill	Formaldehyde	1-h Max	6.0E-02	6.0E-02	6.0E-02	4.0E-03	4.0E-03
Acute	Recreational Area	13	Cates Park	Formaldehyde	1-h Max	3.7E-02	3.8E-02	3.8E-02	3.1E-03	3.1E-03
Acute	Urban Community	14	Coombe	Formaldehyde	1-h Max	1.4E-02	1.4E-02	1.4E-02	9.3E-04	9.3E-04
Acute	Urban Community	15	Coquitlam	Formaldehyde	1-h Max	6.9E-03	7.0E-03	7.0E-03	8.5E-04	8.5E-04
Acute	Urban Community	16	Cove Cliff	Formaldehyde	1-h Max	2.3E-02	2.3E-02	2.3E-02	1.3E-03	1.3E-03
Acute	Assisted-Living Complex	17	Dania Manor	Formaldehyde	1-h Max	1.3E-02	1.3E-02	1.3E-02	6.5E-04	6.5E-04
Acute	Urban Community	18	Deep Cove	Formaldehyde	1-h Max	1.5E-02	1.5E-02	1.5E-02	1.2E-03	1.2E-03
Acute	Urban Community	19	Dollarton	Formaldehyde	1-h Max	3.6E-02	3.6E-02	3.6E-02	3.6E-03	3.6E-03
Acute	Urban Community	20	Douglas Gilpin	Formaldehyde	1-h Max	1.6E-02	1.6E-02	1.6E-02	8.7E-04	8.7E-04
Acute	Recreational Area	21	Duthie Union Park	Formaldehyde	1-h Max	2.9E-02	2.9E-02	2.9E-02	1.0E-03	1.0E-03
Acute	School	22	École Capitol Hill Elementary School	Formaldehyde	1-h Max	4.6E-02	4.6E-02	4.6E-02	2.9E-03	2.9E-03
Acute	School	23	École Westridge Elementary School	Formaldehyde	1-h Max	3.1E-02	3.1E-02	3.1E-02	3.7E-03	3.7E-03
Acute	School	24	Forest Grove Elementary School	Formaldehyde	1-h Max	1.2E-02	1.2E-02	1.2E-02	8.5E-04	8.5E-04
Acute	Urban Community	25	Government Road	Formaldehyde	1-h Max	1.3E-02	1.4E-02	1.4E-02	5.5E-04	5.5E-04
Acute	Recreational Area	26	Kensington Pitch & Putt	Formaldehyde	1-h Max	4.0E-02	4.0E-02	4.0E-02	2.9E-03	2.9E-03
Acute	Urban Community	27	Lake City	Formaldehyde	1-h Max	1.4E-02	1.5E-02	1.5E-02	8.7E-04	8.7E-04
Acute	Urban Community	28	Lochdale	Formaldehyde	1-h Max	2.9E-02	2.9E-02	2.9E-02	1.4E-03	1.4E-03

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	School	29	Lochdale Community School	Formaldehyde	1-h Max	2.8E-02	2.8E-02	2.8E-02	8.7E-04	8.7E-04
Acute	Urban Community	30	Lyndhurst	Formaldehyde	1-h Max	8.1E-03	8.2E-03	8.2E-03	7.0E-04	7.0E-04
Acute	School	31	Montecito Elementary School	Formaldehyde	1-h Max	1.6E-02	1.6E-02	1.6E-02	5.5E-04	5.5E-04
Acute	Recreational Area	32	Mount Seymour Provincial Park	Formaldehyde	1-h Max	2.8E-02	2.8E-02	2.8E-02	2.1E-03	2.1E-03
Acute	Recreational Area	33	Northlands Golf Course	Formaldehyde	1-h Max	2.5E-02	2.6E-02	2.6E-02	1.5E-03	1.5E-03
Acute	Urban Community	34	Parkcrest Aubrey	Formaldehyde	1-h Max	3.4E-02	3.5E-02	3.5E-02	3.9E-03	3.9E-03
Acute	Urban Community	35	Port Moody	Formaldehyde	1-h Max	1.0E-02	1.0E-02	1.0E-02	1.1E-03	1.1E-03
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Formaldehyde	1-h Max	3.6E-02	3.6E-02	3.6E-02	1.8E-03	1.8E-03
Acute	Aboriginal Community	37	Seymour Creek 2	Formaldehyde	1-h Max	5.0E-02	5.0E-02	5.0E-02	8.7E-04	8.7E-04
Acute	Recreational Area	38	Seymour Golf & Country Club	Formaldehyde	1-h Max	3.1E-02	3.1E-02	3.1E-02	2.9E-03	2.9E-03
Acute	Urban Community	39	Seymour Heights	Formaldehyde	1-h Max	2.2E-02	2.2E-02	2.2E-02	1.0E-03	1.0E-03
Acute	School	40	Seymour Heights Elementary School	Formaldehyde	1-h Max	2.2E-02	2.2E-02	2.2E-02	7.4E-04	7.4E-04
Acute	School	41	Sherwood Park Elementary School	Formaldehyde	1-h Max	2.9E-02	2.9E-02	2.9E-02	3.4E-03	3.4E-03
Acute	Urban Community	42	Simon Fraser University	Formaldehyde	1-h Max	2.2E-02	2.2E-02	2.2E-02	1.2E-03	1.2E-03
Acute	Urban Community	43	Sperling Broadway	Formaldehyde	1-h Max	1.9E-02	1.9E-02	1.9E-02	6.4E-04	6.4E-04
Acute	Recreational Area	44	Takaya Golf Course	Formaldehyde	1-h Max	2.7E-02	2.7E-02	2.7E-02	1.2E-03	1.2E-03
Acute	School	45	University Highlands Elementary	Formaldehyde	1-h Max	1.4E-02	1.4E-02	1.4E-02	1.5E-03	1.5E-03
Acute	Urban Community	46	Westridge	Formaldehyde	1-h Max	3.3E-02	3.3E-02	3.3E-02	4.3E-03	4.3E-03
Acute	Residence	47	Westridge 1	Formaldehyde	1-h Max	2.7E-02	2.8E-02	2.8E-02	5.7E-03	5.7E-03
Acute	Residence	48	Westridge 2	Formaldehyde	1-h Max	2.9E-02	2.9E-02	2.9E-02	6.8E-03	6.8E-03
Acute	Residence	49	Westridge 3	Formaldehyde	1-h Max	3.1E-02	3.1E-02	3.1E-02	5.3E-03	5.3E-03
Acute	Recreational Area	50	Westridge Park	Formaldehyde	1-h Max	2.6E-02	2.6E-02	2.6E-02	1.9E-03	1.9E-03
Acute	Urban Community	51	Willingdon Heights	Formaldehyde	1-h Max	4.4E-02	4.4E-02	4.4E-02	2.1E-03	2.1E-03
Acute	Urban Community	52	Windsor Park	Formaldehyde	1-h Max	2.4E-02	2.5E-02	2.5E-02	1.0E-03	1.0E-03
Acute	MPOI	MPOI	MPOI	Formaldehyde	1-h Max	9.7E-02	9.8E-02	9.8E-02	2.4E-02	2.4E-02
Acute	Recreational Area	1	Barnet Marine Park	Mercury	1-h Max	2.3E-06	2.3E-06	2.3E-06	6.7E-08	6.7E-08
Acute	Urban Community	2	Belcarra	Mercury	1-h Max	2.4E-06	2.4E-06	2.4E-06	6.6E-08	6.6E-08
Acute	Recreational Area	3	Belcarra Regional Park	Mercury	1-h Max	2.4E-06	2.4E-06	2.4E-06	8.2E-08	8.2E-08
Acute	Urban Community	4	Brentwood	Mercury	1-h Max	3.4E-06	3.4E-06	3.4E-06	1.2E-07	1.2E-07
Acute	Urban Community	5	Burnaby Heights	Mercury	1-h Max	4.3E-06	4.3E-06	4.3E-06	9.7E-08	9.7E-08
Acute	Recreational Area	6	Burnaby Lake	Mercury	1-h Max	1.5E-06	1.5E-06	1.5E-06	7.0E-08	7.0E-08
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Mercury	1-h Max	1.9E-06	1.9E-06	1.9E-06	7.0E-08	7.0E-08
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Mercury	1-h Max	4.0E-06	4.0E-06	4.0E-06	8.7E-08	8.7E-08
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Mercury	1-h Max	2.3E-06	2.3E-06	2.3E-06	8.3E-08	8.3E-08
Acute	Aboriginal Community	10	Burrard Inlet 3	Mercury	1-h Max	1.7E-06	1.7E-06	1.7E-06	8.0E-08	8.0E-08



Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Mercury	1-h Max	2.7E-06	2.7E-06	2.7E-06	2.3E-07	2.3E-07
Acute	Urban Community	12	Capital Hill	Mercury	1-h Max	4.6E-06	4.6E-06	4.6E-06	1.7E-07	1.7E-07
Acute	Recreational Area	13	Cates Park	Mercury	1-h Max	1.8E-06	1.8E-06	1.8E-06	1.2E-07	1.2E-07
Acute	Urban Community	14	Coombe	Mercury	1-h Max	1.8E-06	1.8E-06	1.8E-06	4.9E-08	4.9E-08
Acute	Urban Community	15	Coquitlam	Mercury	1-h Max	1.8E-06	1.7E-06	1.8E-06	5.9E-08	5.9E-08
Acute	Urban Community	16	Cove Cliff	Mercury	1-h Max	1.9E-06	1.9E-06	1.9E-06	7.0E-08	7.0E-08
Acute	Assisted-Living Complex	17	Dania Manor	Mercury	1-h Max	1.9E-06	1.8E-06	1.9E-06	7.2E-08	7.2E-08
Acute	Urban Community	18	Deep Cove	Mercury	1-h Max	1.5E-06	1.5E-06	1.5E-06	7.3E-08	7.3E-08
Acute	Urban Community	19	Dollarton	Mercury	1-h Max	2.0E-06	2.0E-06	2.0E-06	1.3E-07	1.3E-07
Acute	Urban Community	20	Douglas Gilpin	Mercury	1-h Max	2.3E-06	2.2E-06	2.3E-06	7.2E-08	7.2E-08
Acute	Recreational Area	21	Duthie Union Park	Mercury	1-h Max	3.5E-06	3.5E-06	3.5E-06	6.2E-08	6.2E-08
Acute	School	22	École Capitol Hill Elementary School	Mercury	1-h Max	3.9E-06	3.9E-06	3.9E-06	1.1E-07	1.1E-07
Acute	School	23	École Westridge Elementary School	Mercury	1-h Max	3.3E-06	3.3E-06	3.3E-06	1.6E-07	1.6E-07
Acute	School	24	Forest Grove Elementary School	Mercury	1-h Max	1.7E-06	1.7E-06	1.7E-06	6.3E-08	6.3E-08
Acute	Urban Community	25	Government Road	Mercury	1-h Max	1.9E-06	1.9E-06	1.9E-06	6.9E-08	6.9E-08
Acute	Recreational Area	26	Kensington Pitch & Putt	Mercury	1-h Max	3.2E-06	3.2E-06	3.2E-06	1.3E-07	1.3E-07
Acute	Urban Community	27	Lake City	Mercury	1-h Max	2.0E-06	2.0E-06	2.0E-06	8.4E-08	8.4E-08
Acute	Urban Community	28	Lochdale	Mercury	1-h Max	3.4E-06	3.4E-06	3.4E-06	8.6E-08	8.6E-08
Acute	School	29	Lochdale Community School	Mercury	1-h Max	3.3E-06	3.3E-06	3.3E-06	6.4E-08	6.4E-08
Acute	Urban Community	30	Lyndhurst	Mercury	1-h Max	1.4E-06	1.4E-06	1.4E-06	6.3E-08	6.3E-08
Acute	School	31	Montecito Elementary School	Mercury	1-h Max	2.2E-06	2.2E-06	2.2E-06	6.7E-08	6.7E-08
Acute	Recreational Area	32	Mount Seymour Provincial Park	Mercury	1-h Max	2.3E-06	2.3E-06	2.3E-06	7.8E-08	7.8E-08
Acute	Recreational Area	33	Northlands Golf Course	Mercury	1-h Max	2.2E-06	2.2E-06	2.2E-06	6.4E-08	6.4E-08
Acute	Urban Community	34	Parkcrest Aubrey	Mercury	1-h Max	3.1E-06	3.1E-06	3.1E-06	1.4E-07	1.4E-07
Acute	Urban Community	35	Port Moody	Mercury	1-h Max	2.1E-06	2.1E-06	2.1E-06	5.8E-08	5.8E-08
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Mercury	1-h Max	2.0E-06	2.1E-06	2.1E-06	1.0E-07	1.0E-07
Acute	Aboriginal Community	37	Seymour Creek 2	Mercury	1-h Max	1.7E-06	1.8E-06	1.8E-06	8.9E-08	8.9E-08
Acute	Recreational Area	38	Seymour Golf & Country Club	Mercury	1-h Max	2.0E-06	2.0E-06	2.0E-06	1.1E-07	1.1E-07
Acute	Urban Community	39	Seymour Heights	Mercury	1-h Max	2.1E-06	2.1E-06	2.1E-06	7.1E-08	7.1E-08
Acute	School	40	Seymour Heights Elementary School	Mercury	1-h Max	2.0E-06	2.1E-06	2.1E-06	7.4E-08	7.4E-08
Acute	School	41	Sherwood Park Elementary School	Mercury	1-h Max	2.0E-06	2.0E-06	2.0E-06	1.3E-07	1.3E-07
Acute	Urban Community	42	Simon Fraser University	Mercury	1-h Max	2.6E-06	2.6E-06	2.6E-06	5.9E-08	5.9E-08
Acute	Urban Community	43	Sperling Broadway	Mercury	1-h Max	2.6E-06	2.6E-06	2.6E-06	6.6E-08	6.6E-08
Acute	Recreational Area	44	Takaya Golf Course	Mercury	1-h Max	2.2E-06	2.2E-06	2.2E-06	8.3E-08	8.3E-08
Acute	School	45	University Highlands Elementary	Mercury	1-h Max	2.6E-06	2.6E-06	2.6E-06	5.8E-08	5.8E-08

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	46	Westridge	Mercury	1-h Max	3.6E-06	3.6E-06	3.6E-06	1.6E-07	1.6E-07
Acute	Residence	47	Westridge 1	Mercury	1-h Max	2.7E-06	2.7E-06	2.7E-06	2.1E-07	2.1E-07
Acute	Residence	48	Westridge 2	Mercury	1-h Max	2.8E-06	2.8E-06	2.8E-06	2.5E-07	2.5E-07
Acute	Residence	49	Westridge 3	Mercury	1-h Max	3.0E-06	3.1E-06	3.1E-06	1.9E-07	1.9E-07
Acute	Recreational Area	50	Westridge Park	Mercury	1-h Max	3.1E-06	3.1E-06	3.1E-06	7.6E-08	7.6E-08
Acute	Urban Community	51	Willingdon Heights	Mercury	1-h Max	3.3E-06	3.3E-06	3.3E-06	9.8E-08	9.8E-08
Acute	Urban Community	52	Windsor Park	Mercury	1-h Max	2.1E-06	2.1E-06	2.1E-06	7.2E-08	7.2E-08
Acute	MPOI	MPOI	MPOI	Mercury	1-h Max	4.8E-06	4.8E-06	4.8E-06	8.6E-07	8.6E-07
Acute	Recreational Area	1	Barnet Marine Park	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	3.6E-07	3.6E-07
Acute	Urban Community	2	Belcarra	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	3.6E-07	3.6E-07
Acute	Recreational Area	3	Belcarra Regional Park	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	4.5E-07	4.5E-07
Acute	Urban Community	4	Brentwood	Naphthalene	1-h Max	7.3E-04	7.3E-04	7.3E-04	6.4E-07	6.4E-07
Acute	Urban Community	5	Burnaby Heights	Naphthalene	1-h Max	7.3E-04	7.3E-04	7.3E-04	5.2E-07	5.2E-07
Acute	Recreational Area	6	Burnaby Lake	Naphthalene	1-h Max	7.1E-04	7.1E-04	7.1E-04	3.8E-07	3.8E-07
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	3.7E-07	3.7E-07
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Naphthalene	1-h Max	7.4E-04	7.4E-04	7.4E-04	4.7E-07	4.7E-07
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	4.4E-07	4.4E-07
Acute	Aboriginal Community	10	Burrard Inlet 3	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	4.3E-07	4.3E-07
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Naphthalene	1-h Max	7.5E-04	7.5E-04	7.5E-04	1.2E-06	1.2E-06
Acute	Urban Community	12	Capital Hill	Naphthalene	1-h Max	7.4E-04	7.4E-04	7.4E-04	8.9E-07	8.9E-07
Acute	Recreational Area	13	Cates Park	Naphthalene	1-h Max	7.3E-04	7.3E-04	7.3E-04	6.4E-07	6.4E-07
Acute	Urban Community	14	Coombe	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	2.6E-07	2.6E-07
Acute	Urban Community	15	Coquitlam	Naphthalene	1-h Max	7.1E-04	7.2E-04	7.1E-04	3.2E-07	3.2E-07
Acute	Urban Community	16	Cove Cliff	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	3.8E-07	3.8E-07
Acute	Assisted-Living Complex	17	Dania Manor	Naphthalene	1-h Max	7.1E-04	7.2E-04	7.1E-04	3.9E-07	3.9E-07
Acute	Urban Community	18	Deep Cove	Naphthalene	1-h Max	7.1E-04	7.2E-04	7.1E-04	4.0E-07	4.0E-07
Acute	Urban Community	19	Dollarton	Naphthalene	1-h Max	7.3E-04	7.3E-04	7.3E-04	7.0E-07	7.0E-07
Acute	Urban Community	20	Douglas Gilpin	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	3.8E-07	3.8E-07
Acute	Recreational Area	21	Duthie Union Park	Naphthalene	1-h Max	7.3E-04	7.3E-04	7.3E-04	3.3E-07	3.3E-07
Acute	School	22	École Capitol Hill Elementary School	Naphthalene	1-h Max	7.3E-04	7.3E-04	7.3E-04	6.0E-07	6.0E-07
Acute	School	23	École Westridge Elementary School	Naphthalene	1-h Max	7.3E-04	7.3E-04	7.3E-04	8.3E-07	8.3E-07
Acute	School	24	Forest Grove Elementary School	Naphthalene	1-h Max	7.1E-04	7.2E-04	7.1E-04	3.4E-07	3.4E-07
Acute	Urban Community	25	Government Road	Naphthalene	1-h Max	7.1E-04	7.2E-04	7.1E-04	3.7E-07	3.7E-07
Acute	Recreational Area	26	Kensington Pitch & Putt	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	7.1E-07	7.1E-07
Acute	Urban Community	27	Lake City	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	4.5E-07	4.5E-07

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	28	Lochdale	Naphthalene	1-h Max	7.3E-04	7.3E-04	7.3E-04	4.6E-07	4.6E-07
Acute	School	29	Lochdale Community School	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	3.4E-07	3.4E-07
Acute	Urban Community	30	Lyndhurst	Naphthalene	1-h Max	7.1E-04	7.1E-04	7.1E-04	3.4E-07	3.4E-07
Acute	School	31	Montecito Elementary School	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	3.6E-07	3.6E-07
Acute	Recreational Area	32	Mount Seymour Provincial Park	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	4.2E-07	4.2E-07
Acute	Recreational Area	33	Northlands Golf Course	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	3.4E-07	3.4E-07
Acute	Urban Community	34	Parkcrest Aubrey	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	7.7E-07	7.7E-07
Acute	Urban Community	35	Port Moody	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	3.1E-07	3.1E-07
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	5.5E-07	5.5E-07
Acute	Aboriginal Community	37	Seymour Creek 2	Naphthalene	1-h Max	7.1E-04	7.2E-04	7.1E-04	4.8E-07	4.8E-07
Acute	Recreational Area	38	Seymour Golf & Country Club	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	5.9E-07	5.9E-07
Acute	Urban Community	39	Seymour Heights	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	3.8E-07	3.8E-07
Acute	School	40	Seymour Heights Elementary School	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	4.0E-07	4.0E-07
Acute	School	41	Sherwood Park Elementary School	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	6.8E-07	6.8E-07
Acute	Urban Community	42	Simon Fraser University	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	3.2E-07	3.2E-07
Acute	Urban Community	43	Sperling Broadway	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	3.6E-07	3.6E-07
Acute	Recreational Area	44	Takaya Golf Course	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	4.5E-07	4.5E-07
Acute	School	45	University Highlands Elementary	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	3.1E-07	3.1E-07
Acute	Urban Community	46	Westridge	Naphthalene	1-h Max	7.4E-04	7.4E-04	7.4E-04	8.5E-07	8.5E-07
Acute	Residence	47	Westridge 1	Naphthalene	1-h Max	7.8E-04	7.8E-04	7.8E-04	1.1E-06	1.1E-06
Acute	Residence	48	Westridge 2	Naphthalene	1-h Max	7.8E-04	7.8E-04	7.8E-04	1.3E-06	1.3E-06
Acute	Residence	49	Westridge 3	Naphthalene	1-h Max	7.8E-04	7.8E-04	7.8E-04	1.1E-06	1.1E-06
Acute	Recreational Area	50	Westridge Park	Naphthalene	1-h Max	7.3E-04	7.3E-04	7.3E-04	4.2E-07	4.2E-07
Acute	Urban Community	51	Willingdon Heights	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	5.2E-07	5.2E-07
Acute	Urban Community	52	Windsor Park	Naphthalene	1-h Max	7.2E-04	7.2E-04	7.2E-04	3.9E-07	3.9E-07
Acute	MPOI	MPOI	MPOI	Naphthalene	1-h Max	1.1E-03	1.1E-03	1.1E-03	4.6E-06	4.6E-06
Acute	Recreational Area	1	Barnet Marine Park	Nickel	1-h Max	3.0E-01	3.0E-01	3.0E-01	8.1E-03	8.1E-03
Acute	Urban Community	2	Belcarra	Nickel	1-h Max	3.1E-01	3.1E-01	3.1E-01	7.9E-03	7.9E-03
Acute	Recreational Area	3	Belcarra Regional Park	Nickel	1-h Max	3.1E-01	3.1E-01	3.1E-01	9.9E-03	9.9E-03
Acute	Urban Community	4	Brentwood	Nickel	1-h Max	4.3E-01	4.3E-01	4.3E-01	1.4E-02	1.4E-02
Acute	Urban Community	5	Burnaby Heights	Nickel	1-h Max	5.3E-01	5.3E-01	5.3E-01	1.2E-02	1.2E-02
Acute	Recreational Area	6	Burnaby Lake	Nickel	1-h Max	1.9E-01	1.9E-01	1.9E-01	8.5E-03	8.5E-03
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Nickel	1-h Max	2.5E-01	2.5E-01	2.5E-01	8.4E-03	8.4E-03
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Nickel	1-h Max	4.9E-01	4.9E-01	4.9E-01	1.0E-02	1.0E-02
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Nickel	1-h Max	3.0E-01	3.0E-01	3.0E-01	1.0E-02	1.0E-02

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Aboriginal Community	10	Burrard Inlet 3	Nickel	1-h Max	2.2E-01	2.2E-01	2.2E-01	9.7E-03	9.7E-03
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Nickel	1-h Max	3.4E-01	3.4E-01	3.4E-01	2.8E-02	2.8E-02
Acute	Urban Community	12	Capital Hill	Nickel	1-h Max	5.7E-01	5.7E-01	5.7E-01	2.0E-02	2.0E-02
Acute	Recreational Area	13	Cates Park	Nickel	1-h Max	2.3E-01	2.3E-01	2.3E-01	1.4E-02	1.4E-02
Acute	Urban Community	14	Coombe	Nickel	1-h Max	2.3E-01	2.3E-01	2.3E-01	5.9E-03	5.9E-03
Acute	Urban Community	15	Coquitlam	Nickel	1-h Max	2.3E-01	2.3E-01	2.3E-01	7.1E-03	7.1E-03
Acute	Urban Community	16	Cove Cliff	Nickel	1-h Max	2.4E-01	2.4E-01	2.4E-01	8.5E-03	8.5E-03
Acute	Assisted-Living Complex	17	Dania Manor	Nickel	1-h Max	2.4E-01	2.4E-01	2.4E-01	8.7E-03	8.7E-03
Acute	Urban Community	18	Deep Cove	Nickel	1-h Max	1.9E-01	1.9E-01	1.9E-01	8.8E-03	8.8E-03
Acute	Urban Community	19	Dollarton	Nickel	1-h Max	2.6E-01	2.6E-01	2.6E-01	1.6E-02	1.6E-02
Acute	Urban Community	20	Douglas Gilpin	Nickel	1-h Max	2.9E-01	2.9E-01	2.9E-01	8.6E-03	8.6E-03
Acute	Recreational Area	21	Duthie Union Park	Nickel	1-h Max	4.4E-01	4.4E-01	4.4E-01	7.4E-03	7.4E-03
Acute	School	22	École Capitol Hill Elementary School	Nickel	1-h Max	4.8E-01	4.8E-01	4.8E-01	1.3E-02	1.3E-02
Acute	School	23	École Westridge Elementary School	Nickel	1-h Max	4.1E-01	4.1E-01	4.1E-01	1.9E-02	1.9E-02
Acute	School	24	Forest Grove Elementary School	Nickel	1-h Max	2.2E-01	2.2E-01	2.2E-01	7.6E-03	7.6E-03
Acute	Urban Community	25	Government Road	Nickel	1-h Max	2.4E-01	2.4E-01	2.4E-01	8.3E-03	8.3E-03
Acute	Recreational Area	26	Kensington Pitch & Putt	Nickel	1-h Max	4.1E-01	4.1E-01	4.1E-01	1.6E-02	1.6E-02
Acute	Urban Community	27	Lake City	Nickel	1-h Max	2.5E-01	2.5E-01	2.5E-01	1.0E-02	1.0E-02
Acute	Urban Community	28	Lochdale	Nickel	1-h Max	4.2E-01	4.2E-01	4.2E-01	1.0E-02	1.0E-02
Acute	School	29	Lochdale Community School	Nickel	1-h Max	4.1E-01	4.1E-01	4.1E-01	7.7E-03	7.7E-03
Acute	Urban Community	30	Lyndhurst	Nickel	1-h Max	1.8E-01	1.8E-01	1.8E-01	7.6E-03	7.6E-03
Acute	School	31	Montecito Elementary School	Nickel	1-h Max	2.8E-01	2.8E-01	2.8E-01	8.0E-03	8.0E-03
Acute	Recreational Area	32	Mount Seymour Provincial Park	Nickel	1-h Max	2.9E-01	2.9E-01	2.9E-01	9.4E-03	9.4E-03
Acute	Recreational Area	33	Northlands Golf Course	Nickel	1-h Max	2.8E-01	2.8E-01	2.8E-01	7.7E-03	7.7E-03
Acute	Urban Community	34	Parkcrest Aubrey	Nickel	1-h Max	3.9E-01	3.9E-01	3.9E-01	1.7E-02	1.7E-02
Acute	Urban Community	35	Port Moody	Nickel	1-h Max	2.7E-01	2.7E-01	2.7E-01	7.0E-03	7.0E-03
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Nickel	1-h Max	2.5E-01	2.6E-01	2.6E-01	1.2E-02	1.2E-02
Acute	Aboriginal Community	37	Seymour Creek 2	Nickel	1-h Max	2.2E-01	2.3E-01	2.3E-01	1.1E-02	1.1E-02
Acute	Recreational Area	38	Seymour Golf & Country Club	Nickel	1-h Max	2.6E-01	2.6E-01	2.6E-01	1.3E-02	1.3E-02
Acute	Urban Community	39	Seymour Heights	Nickel	1-h Max	2.7E-01	2.7E-01	2.7E-01	8.6E-03	8.6E-03
Acute	School	40	Seymour Heights Elementary School	Nickel	1-h Max	2.6E-01	2.7E-01	2.7E-01	9.0E-03	9.0E-03
Acute	School	41	Sherwood Park Elementary School	Nickel	1-h Max	2.6E-01	2.6E-01	2.6E-01	1.5E-02	1.5E-02
Acute	Urban Community	42	Simon Fraser University	Nickel	1-h Max	3.3E-01	3.3E-01	3.3E-01	7.1E-03	7.1E-03
Acute	Urban Community	43	Sperling Broadway	Nickel	1-h Max	3.2E-01	3.2E-01	3.2E-01	8.0E-03	8.0E-03
Acute	Recreational Area	44	Takaya Golf Course	Nickel	1-h Max	2.7E-01	2.8E-01	2.8E-01	1.0E-02	1.0E-02

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	School	45	University Highlands Elementary	Nickel	1-h Max	3.3E-01	3.3E-01	3.3E-01	7.0E-03	7.0E-03
Acute	Urban Community	46	Westridge	Nickel	1-h Max	4.5E-01	4.5E-01	4.5E-01	1.9E-02	1.9E-02
Acute	Residence	47	Westridge 1	Nickel	1-h Max	3.4E-01	3.4E-01	3.4E-01	2.5E-02	2.5E-02
Acute	Residence	48	Westridge 2	Nickel	1-h Max	3.5E-01	3.6E-01	3.6E-01	3.0E-02	3.0E-02
Acute	Residence	49	Westridge 3	Nickel	1-h Max	3.8E-01	3.8E-01	3.8E-01	2.3E-02	2.3E-02
Acute	Recreational Area	50	Westridge Park	Nickel	1-h Max	3.9E-01	3.9E-01	3.9E-01	9.2E-03	9.2E-03
Acute	Urban Community	51	Willingdon Heights	Nickel	1-h Max	4.1E-01	4.1E-01	4.1E-01	1.2E-02	1.2E-02
Acute	Urban Community	52	Windsor Park	Nickel	1-h Max	2.7E-01	2.7E-01	2.7E-01	8.6E-03	8.6E-03
Acute	MPOI	MPOI	MPOI	Nickel	1-h Max	5.9E-01	6.0E-01	5.9E-01	1.0E-01	1.0E-01
Acute	Recreational Area	1	Barnet Marine Park	NO2	1-h Max	4.4E-01	4.5E-01	4.5E-01	2.3E-01	2.3E-01
Acute	Urban Community	2	Belcarra	NO2	1-h Max	4.5E-01	4.5E-01	4.5E-01	1.9E-01	1.9E-01
Acute	Recreational Area	3	Belcarra Regional Park	NO2	1-h Max	4.5E-01	4.5E-01	4.5E-01	3.1E-01	3.1E-01
Acute	Urban Community	4	Brentwood	NO2	1-h Max	6.3E-01	6.4E-01	6.4E-01	3.7E-01	3.7E-01
Acute	Urban Community	5	Burnaby Heights	NO2	1-h Max	7.5E-01	7.6E-01	7.6E-01	3.3E-01	3.3E-01
Acute	Recreational Area	6	Burnaby Lake	NO2	1-h Max	4.3E-01	4.4E-01	4.4E-01	7.1E-02	7.1E-02
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	NO2	1-h Max	4.4E-01	4.4E-01	4.4E-01	1.2E-01	1.2E-01
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	NO2	1-h Max	7.1E-01	7.1E-01	7.1E-01	3.3E-01	3.3E-01
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	NO2	1-h Max	4.5E-01	4.5E-01	4.5E-01	1.0E-01	1.0E-01
Acute	Aboriginal Community	10	Burrard Inlet 3	NO2	1-h Max	5.7E-01	5.7E-01	5.7E-01	2.7E-01	2.7E-01
Acute	Recreational Area	11	Burrard Inlet Conservation Area	NO2	1-h Max	4.6E-01	4.6E-01	4.6E-01	3.9E-01	3.9E-01
Acute	Urban Community	12	Capital Hill	NO2	1-h Max	7.9E-01	8.0E-01	8.0E-01	3.8E-01	3.8E-01
Acute	Recreational Area	13	Cates Park	NO2	1-h Max	4.6E-01	4.6E-01	4.6E-01	3.7E-01	3.7E-01
Acute	Urban Community	14	Coombe	NO2	1-h Max	4.3E-01	4.4E-01	4.4E-01	1.4E-01	1.4E-01
Acute	Urban Community	15	Coquitlam	NO2	1-h Max	4.4E-01	4.4E-01	4.4E-01	1.2E-01	1.2E-01
Acute	Urban Community	16	Cove Cliff	NO2	1-h Max	4.5E-01	4.5E-01	4.5E-01	2.1E-01	2.1E-01
Acute	Assisted-Living Complex	17	Dania Manor	NO2	1-h Max	4.4E-01	4.4E-01	4.4E-01	9.3E-02	9.3E-02
Acute	Urban Community	18	Deep Cove	NO2	1-h Max	4.4E-01	4.4E-01	4.4E-01	1.6E-01	1.6E-01
Acute	Urban Community	19	Dollarton	NO2	1-h Max	4.6E-01	4.6E-01	4.6E-01	3.7E-01	3.7E-01
Acute	Urban Community	20	Douglas Gilpin	NO2	1-h Max	4.4E-01	4.4E-01	4.4E-01	1.3E-01	1.3E-01
Acute	Recreational Area	21	Duthie Union Park	NO2	1-h Max	4.7E-01	4.7E-01	4.7E-01	1.5E-01	1.5E-01
Acute	School	22	École Capitol Hill Elementary School	NO2	1-h Max	6.6E-01	6.6E-01	6.6E-01	3.6E-01	3.6E-01
Acute	School	23	École Westridge Elementary School	NO2	1-h Max	4.6E-01	4.6E-01	4.6E-01	3.7E-01	3.7E-01
Acute	School	24	Forest Grove Elementary School	NO2	1-h Max	4.4E-01	4.4E-01	4.4E-01	1.2E-01	1.2E-01
Acute	Urban Community	25	Government Road	NO2	1-h Max	4.4E-01	4.4E-01	4.4E-01	8.0E-02	8.0E-02
Acute	Recreational Area	26	Kensington Pitch & Putt	NO2	1-h Max	6.1E-01	6.1E-01	6.1E-01	3.6E-01	3.6E-01

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	27	Lake City	NO2	1-h Max	4.4E-01	4.4E-01	4.4E-01	1.2E-01	1.2E-01
Acute	Urban Community	28	Lochdale	NO2	1-h Max	4.6E-01	4.6E-01	4.6E-01	2.0E-01	2.0E-01
Acute	School	29	Lochdale Community School	NO2	1-h Max	4.6E-01	4.6E-01	4.6E-01	1.2E-01	1.2E-01
Acute	Urban Community	30	Lyndhurst	NO2	1-h Max	4.3E-01	4.3E-01	4.3E-01	1.1E-01	1.1E-01
Acute	School	31	Montecito Elementary School	NO2	1-h Max	4.5E-01	4.5E-01	4.5E-01	8.1E-02	8.1E-02
Acute	Recreational Area	32	Mount Seymour Provincial Park	NO2	1-h Max	4.6E-01	4.6E-01	4.6E-01	2.9E-01	2.9E-01
Acute	Recreational Area	33	Northlands Golf Course	NO2	1-h Max	4.5E-01	4.5E-01	4.5E-01	2.2E-01	2.2E-01
Acute	Urban Community	34	Parkcrest Aubrey	NO2	1-h Max	5.4E-01	5.4E-01	5.4E-01	3.8E-01	3.8E-01
Acute	Urban Community	35	Port Moody	NO2	1-h Max	4.5E-01	4.5E-01	4.5E-01	3.0E-01	3.0E-01
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	NO2	1-h Max	4.6E-01	4.6E-01	4.6E-01	2.6E-01	2.6E-01
Acute	Aboriginal Community	37	Seymour Creek 2	NO2	1-h Max	5.9E-01	6.2E-01	6.2E-01	1.4E-01	1.4E-01
Acute	Recreational Area	38	Seymour Golf & Country Club	NO2	1-h Max	4.6E-01	4.6E-01	4.6E-01	3.7E-01	3.7E-01
Acute	Urban Community	39	Seymour Heights	NO2	1-h Max	4.5E-01	4.5E-01	4.5E-01	1.4E-01	1.4E-01
Acute	School	40	Seymour Heights Elementary School	NO2	1-h Max	4.5E-01	4.5E-01	4.5E-01	1.1E-01	1.1E-01
Acute	School	41	Sherwood Park Elementary School	NO2	1-h Max	4.6E-01	4.6E-01	4.6E-01	3.7E-01	3.7E-01
Acute	Urban Community	42	Simon Fraser University	NO2	1-h Max	4.6E-01	4.6E-01	4.6E-01	1.6E-01	1.6E-01
Acute	Urban Community	43	Sperling Broadway	NO2	1-h Max	4.5E-01	4.5E-01	4.5E-01	9.2E-02	9.2E-02
Acute	Recreational Area	44	Takaya Golf Course	NO2	1-h Max	4.6E-01	4.6E-01	4.6E-01	1.8E-01	1.8E-01
Acute	School	45	University Highlands Elementary	NO2	1-h Max	4.5E-01	4.5E-01	4.5E-01	2.1E-01	2.1E-01
Acute	Urban Community	46	Westridge	NO2	1-h Max	5.1E-01	5.1E-01	5.1E-01	3.8E-01	3.8E-01
Acute	Residence	47	Westridge 1	NO2	1-h Max	4.6E-01	4.6E-01	4.6E-01	3.9E-01	3.9E-01
Acute	Residence	48	Westridge 2	NO2	1-h Max	4.6E-01	4.6E-01	4.6E-01	4.0E-01	4.0E-01
Acute	Residence	49	Westridge 3	NO2	1-h Max	4.6E-01	4.6E-01	4.6E-01	3.9E-01	3.9E-01
Acute	Recreational Area	50	Westridge Park	NO2	1-h Max	4.6E-01	4.6E-01	4.6E-01	2.7E-01	2.7E-01
Acute	Urban Community	51	Willingdon Heights	NO2	1-h Max	6.1E-01	6.2E-01	6.2E-01	3.0E-01	3.0E-01
Acute	Urban Community	52	Windsor Park	NO2	1-h Max	4.6E-01	4.6E-01	4.6E-01	1.5E-01	1.5E-01
Acute	MPOI	MPOI	MPOI	NO2	1-h Max	1.0E+00	1.0E+00	1.0E+00	4.5E-01	4.5E-01
Acute	Recreational Area	1	Barnet Marine Park	Propionaldehyde	1-h Max	3.8E-07	3.8E-07	3.8E-07	3.1E-08	3.1E-08
Acute	Urban Community	2	Belcarra	Propionaldehyde	1-h Max	3.8E-07	3.9E-07	3.9E-07	2.1E-08	2.1E-08
Acute	Recreational Area	3	Belcarra Regional Park	Propionaldehyde	1-h Max	4.3E-07	4.3E-07	4.3E-07	4.1E-08	4.1E-08
Acute	Urban Community	4	Brentwood	Propionaldehyde	1-h Max	8.1E-07	8.1E-07	8.1E-07	5.6E-08	5.6E-08
Acute	Urban Community	5	Burnaby Heights	Propionaldehyde	1-h Max	1.2E-06	1.2E-06	1.2E-06	4.2E-08	4.2E-08
Acute	Recreational Area	6	Burnaby Lake	Propionaldehyde	1-h Max	2.0E-07	2.0E-07	2.0E-07	7.8E-09	7.8E-09
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Propionaldehyde	1-h Max	2.6E-07	2.6E-07	2.6E-07	1.6E-08	1.6E-08
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Propionaldehyde	1-h Max	8.9E-07	9.0E-07	9.0E-07	4.4E-08	4.4E-08

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Propionaldehyde	1-h Max	3.0E-07	3.0E-07	3.0E-07	1.2E-08	1.2E-08
Acute	Aboriginal Community	10	Burrard Inlet 3	Propionaldehyde	1-h Max	8.2E-07	8.3E-07	8.3E-07	3.6E-08	3.6E-08
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Propionaldehyde	1-h Max	5.5E-07	5.5E-07	5.5E-07	1.2E-07	1.2E-07
Acute	Urban Community	12	Capital Hill	Propionaldehyde	1-h Max	1.1E-06	1.1E-06	1.1E-06	7.4E-08	7.4E-08
Acute	Recreational Area	13	Cates Park	Propionaldehyde	1-h Max	6.9E-07	7.0E-07	7.0E-07	5.8E-08	5.8E-08
Acute	Urban Community	14	Coombe	Propionaldehyde	1-h Max	2.5E-07	2.7E-07	2.7E-07	1.7E-08	1.7E-08
Acute	Urban Community	15	Coquitlam	Propionaldehyde	1-h Max	1.3E-07	1.3E-07	1.3E-07	1.6E-08	1.6E-08
Acute	Urban Community	16	Cove Cliff	Propionaldehyde	1-h Max	4.3E-07	4.3E-07	4.3E-07	2.5E-08	2.5E-08
Acute	Assisted-Living Complex	17	Dania Manor	Propionaldehyde	1-h Max	2.4E-07	2.4E-07	2.4E-07	1.2E-08	1.2E-08
Acute	Urban Community	18	Deep Cove	Propionaldehyde	1-h Max	2.8E-07	2.8E-07	2.8E-07	2.2E-08	2.2E-08
Acute	Urban Community	19	Dollarton	Propionaldehyde	1-h Max	6.7E-07	6.7E-07	6.7E-07	6.6E-08	6.6E-08
Acute	Urban Community	20	Douglas Gilpin	Propionaldehyde	1-h Max	2.9E-07	3.0E-07	3.0E-07	1.6E-08	1.6E-08
Acute	Recreational Area	21	Duthie Union Park	Propionaldehyde	1-h Max	5.3E-07	5.4E-07	5.4E-07	1.9E-08	1.9E-08
Acute	School	22	École Capitol Hill Elementary School	Propionaldehyde	1-h Max	8.5E-07	8.5E-07	8.5E-07	5.4E-08	5.4E-08
Acute	School	23	École Westridge Elementary School	Propionaldehyde	1-h Max	5.7E-07	5.8E-07	5.8E-07	6.8E-08	6.8E-08
Acute	School	24	Forest Grove Elementary School	Propionaldehyde	1-h Max	2.1E-07	2.2E-07	2.2E-07	1.6E-08	1.6E-08
Acute	Urban Community	25	Government Road	Propionaldehyde	1-h Max	2.5E-07	2.5E-07	2.5E-07	1.0E-08	1.0E-08
Acute	Recreational Area	26	Kensington Pitch & Putt	Propionaldehyde	1-h Max	7.4E-07	7.4E-07	7.4E-07	5.3E-08	5.3E-08
Acute	Urban Community	27	Lake City	Propionaldehyde	1-h Max	2.7E-07	2.7E-07	2.7E-07	1.6E-08	1.6E-08
Acute	Urban Community	28	Lochdale	Propionaldehyde	1-h Max	5.3E-07	5.4E-07	5.4E-07	2.6E-08	2.6E-08
Acute	School	29	Lochdale Community School	Propionaldehyde	1-h Max	5.1E-07	5.2E-07	5.2E-07	1.6E-08	1.6E-08
Acute	Urban Community	30	Lyndhurst	Propionaldehyde	1-h Max	1.5E-07	1.5E-07	1.5E-07	1.3E-08	1.3E-08
Acute	School	31	Montecito Elementary School	Propionaldehyde	1-h Max	2.9E-07	3.0E-07	3.0E-07	1.0E-08	1.0E-08
Acute	Recreational Area	32	Mount Seymour Provincial Park	Propionaldehyde	1-h Max	5.1E-07	5.2E-07	5.2E-07	3.9E-08	3.9E-08
Acute	Recreational Area	33	Northlands Golf Course	Propionaldehyde	1-h Max	4.7E-07	4.8E-07	4.8E-07	2.7E-08	2.7E-08
Acute	Urban Community	34	Parkcrest Aubrey	Propionaldehyde	1-h Max	6.4E-07	6.5E-07	6.5E-07	7.3E-08	7.3E-08
Acute	Urban Community	35	Port Moody	Propionaldehyde	1-h Max	1.9E-07	1.9E-07	1.9E-07	2.1E-08	2.1E-08
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Propionaldehyde	1-h Max	6.6E-07	6.6E-07	6.6E-07	3.3E-08	3.3E-08
Acute	Aboriginal Community	37	Seymour Creek 2	Propionaldehyde	1-h Max	9.3E-07	9.3E-07	9.3E-07	1.6E-08	1.6E-08
Acute	Recreational Area	38	Seymour Golf & Country Club	Propionaldehyde	1-h Max	5.7E-07	5.8E-07	5.8E-07	5.4E-08	5.4E-08
Acute	Urban Community	39	Seymour Heights	Propionaldehyde	1-h Max	4.0E-07	4.1E-07	4.1E-07	1.9E-08	1.9E-08
Acute	School	40	Seymour Heights Elementary School	Propionaldehyde	1-h Max	4.0E-07	4.0E-07	4.0E-07	1.4E-08	1.4E-08
Acute	School	41	Sherwood Park Elementary School	Propionaldehyde	1-h Max	5.3E-07	5.4E-07	5.4E-07	6.2E-08	6.2E-08
Acute	Urban Community	42	Simon Fraser University	Propionaldehyde	1-h Max	4.0E-07	4.1E-07	4.1E-07	2.2E-08	2.2E-08
Acute	Urban Community	43	Sperling Broadway	Propionaldehyde	1-h Max	3.5E-07	3.5E-07	3.5E-07	1.2E-08	1.2E-08

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Recreational Area	44	Takaya Golf Course	Propionaldehyde	1-h Max	4.9E-07	5.0E-07	5.0E-07	2.2E-08	2.2E-08
Acute	School	45	University Highlands Elementary	Propionaldehyde	1-h Max	2.5E-07	2.6E-07	2.6E-07	2.7E-08	2.7E-08
Acute	Urban Community	46	Westridge	Propionaldehyde	1-h Max	6.0E-07	6.0E-07	6.0E-07	8.0E-08	8.0E-08
Acute	Residence	47	Westridge 1	Propionaldehyde	1-h Max	5.1E-07	5.1E-07	5.1E-07	1.0E-07	1.0E-07
Acute	Residence	48	Westridge 2	Propionaldehyde	1-h Max	5.3E-07	5.3E-07	5.3E-07	1.3E-07	1.3E-07
Acute	Residence	49	Westridge 3	Propionaldehyde	1-h Max	5.7E-07	5.7E-07	5.7E-07	9.9E-08	9.9E-08
Acute	Recreational Area	50	Westridge Park	Propionaldehyde	1-h Max	4.8E-07	4.9E-07	4.9E-07	3.5E-08	3.5E-08
Acute	Urban Community	51	Willingdon Heights	Propionaldehyde	1-h Max	8.1E-07	8.1E-07	8.1E-07	3.8E-08	3.8E-08
Acute	Urban Community	52	Windsor Park	Propionaldehyde	1-h Max	4.5E-07	4.6E-07	4.6E-07	1.9E-08	1.9E-08
Acute	MPOI	MPOI	MPOI	Propionaldehyde	1-h Max	1.8E-06	1.8E-06	1.8E-06	4.4E-07	4.4E-07
Acute	Recreational Area	1	Barnet Marine Park	SO2	1-h Max	7.8E-02	7.9E-02	7.9E-02	3.2E-03	3.2E-03
Acute	Urban Community	2	Belcarra	SO2	1-h Max	8.0E-02	8.0E-02	8.0E-02	2.5E-03	2.5E-03
Acute	Recreational Area	3	Belcarra Regional Park	SO2	1-h Max	8.0E-02	8.0E-02	8.0E-02	4.2E-03	4.2E-03
Acute	Urban Community	4	Brentwood	SO2	1-h Max	1.1E-01	1.1E-01	1.1E-01	5.8E-03	5.8E-03
Acute	Urban Community	5	Burnaby Heights	SO2	1-h Max	1.2E-01	1.2E-01	1.2E-01	4.5E-03	4.5E-03
Acute	Recreational Area	6	Burnaby Lake	SO2	1-h Max	7.3E-02	7.3E-02	7.3E-02	8.1E-04	8.1E-04
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	SO2	1-h Max	7.7E-02	7.7E-02	7.7E-02	1.6E-03	1.6E-03
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	SO2	1-h Max	1.2E-01	1.2E-01	1.2E-01	4.5E-03	4.5E-03
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	SO2	1-h Max	7.9E-02	7.9E-02	7.9E-02	1.2E-03	1.2E-03
Acute	Aboriginal Community	10	Burrard Inlet 3	SO2	1-h Max	1.0E-01	1.0E-01	1.0E-01	3.6E-03	3.6E-03
Acute	Recreational Area	11	Burrard Inlet Conservation Area	SO2	1-h Max	9.4E-02	9.4E-02	9.4E-02	1.2E-02	1.2E-02
Acute	Urban Community	12	Capital Hill	SO2	1-h Max	1.2E-01	1.2E-01	1.2E-01	7.5E-03	7.5E-03
Acute	Recreational Area	13	Cates Park	SO2	1-h Max	9.2E-02	9.2E-02	9.2E-02	5.9E-03	5.9E-03
Acute	Urban Community	14	Coombe	SO2	1-h Max	7.2E-02	7.3E-02	7.3E-02	1.9E-03	1.9E-03
Acute	Urban Community	15	Coquitlam	SO2	1-h Max	7.4E-02	7.4E-02	7.4E-02	1.7E-03	1.7E-03
Acute	Urban Community	16	Cove Cliff	SO2	1-h Max	8.2E-02	8.3E-02	8.2E-02	3.0E-03	3.0E-03
Acute	Assisted-Living Complex	17	Dania Manor	SO2	1-h Max	7.5E-02	7.6E-02	7.6E-02	1.3E-03	1.3E-03
Acute	Urban Community	18	Deep Cove	SO2	1-h Max	7.4E-02	7.4E-02	7.4E-02	2.2E-03	2.2E-03
Acute	Urban Community	19	Dollarton	SO2	1-h Max	9.1E-02	9.1E-02	9.1E-02	6.8E-03	6.8E-03
Acute	Urban Community	20	Douglas Gilpin	SO2	1-h Max	7.8E-02	7.8E-02	7.8E-02	1.7E-03	1.7E-03
Acute	Recreational Area	21	Duthie Union Park	SO2	1-h Max	9.5E-02	9.5E-02	9.5E-02	2.0E-03	2.0E-03
Acute	School	22	École Capitol Hill Elementary School	SO2	1-h Max	1.1E-01	1.1E-01	1.1E-01	5.6E-03	5.6E-03
Acute	School	23	École Westridge Elementary School	SO2	1-h Max	9.2E-02	9.2E-02	9.2E-02	7.1E-03	7.1E-03
Acute	School	24	Forest Grove Elementary School	SO2	1-h Max	7.5E-02	7.5E-02	7.5E-02	1.6E-03	1.6E-03
Acute	Urban Community	25	Government Road	SO2	1-h Max	7.6E-02	7.6E-02	7.6E-02	1.1E-03	1.1E-03



Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Recreational Area	26	Kensington Pitch & Putt	SO2	1-h Max	1.1E-01	1.1E-01	1.1E-01	5.6E-03	5.6E-03
Acute	Urban Community	27	Lake City	SO2	1-h Max	7.8E-02	7.8E-02	7.8E-02	1.7E-03	1.7E-03
Acute	Urban Community	28	Lochdale	SO2	1-h Max	9.3E-02	9.3E-02	9.3E-02	2.7E-03	2.7E-03
Acute	School	29	Lochdale Community School	SO2	1-h Max	9.1E-02	9.2E-02	9.1E-02	1.7E-03	1.7E-03
Acute	Urban Community	30	Lyndhurst	SO2	1-h Max	7.3E-02	7.3E-02	7.3E-02	1.4E-03	1.4E-03
Acute	School	31	Montecito Elementary School	SO2	1-h Max	8.0E-02	8.0E-02	8.0E-02	1.0E-03	1.0E-03
Acute	Recreational Area	32	Mount Seymour Provincial Park	SO2	1-h Max	8.9E-02	8.9E-02	8.9E-02	4.0E-03	4.0E-03
Acute	Recreational Area	33	Northlands Golf Course	SO2	1-h Max	8.6E-02	8.6E-02	8.6E-02	3.0E-03	3.0E-03
Acute	Urban Community	34	Parkcrest Aubrey	SO2	1-h Max	1.0E-01	1.0E-01	1.0E-01	7.5E-03	7.5E-03
Acute	Urban Community	35	Port Moody	SO2	1-h Max	8.0E-02	8.0E-02	8.0E-02	3.9E-03	3.9E-03
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	SO2	1-h Max	9.2E-02	9.2E-02	9.2E-02	3.6E-03	3.6E-03
Acute	Aboriginal Community	37	Seymour Creek 2	SO2	1-h Max	1.1E-01	1.1E-01	1.1E-01	1.4E-03	2.5E-03
Acute	Recreational Area	38	Seymour Golf & Country Club	SO2	1-h Max	9.2E-02	9.2E-02	9.2E-02	5.7E-03	5.7E-03
Acute	Urban Community	39	Seymour Heights	SO2	1-h Max	8.3E-02	8.4E-02	8.4E-02	1.9E-03	1.9E-03
Acute	School	40	Seymour Heights Elementary School	SO2	1-h Max	8.4E-02	8.4E-02	8.3E-02	1.4E-03	1.4E-03
Acute	School	41	Sherwood Park Elementary School	SO2	1-h Max	8.8E-02	8.8E-02	8.8E-02	6.6E-03	6.6E-03
Acute	Urban Community	42	Simon Fraser University	SO2	1-h Max	8.8E-02	8.8E-02	8.8E-02	2.2E-03	2.2E-03
Acute	Urban Community	43	Sperling Broadway	SO2	1-h Max	8.5E-02	8.5E-02	8.5E-02	1.2E-03	1.2E-03
Acute	Recreational Area	44	Takaya Golf Course	SO2	1-h Max	9.1E-02	9.2E-02	9.2E-02	2.4E-03	2.4E-03
Acute	School	45	University Highlands Elementary	SO2	1-h Max	8.1E-02	8.3E-02	8.3E-02	2.9E-03	2.9E-03
Acute	Urban Community	46	Westridge	SO2	1-h Max	9.9E-02	1.0E-01	9.9E-02	8.2E-03	8.2E-03
Acute	Residence	47	Westridge 1	SO2	1-h Max	9.1E-02	9.1E-02	9.1E-02	1.1E-02	1.1E-02
Acute	Residence	48	Westridge 2	SO2	1-h Max	8.9E-02	8.9E-02	8.9E-02	1.3E-02	1.3E-02
Acute	Residence	49	Westridge 3	SO2	1-h Max	9.4E-02	9.4E-02	9.4E-02	1.0E-02	1.0E-02
Acute	Recreational Area	50	Westridge Park	SO2	1-h Max	8.9E-02	8.9E-02	8.9E-02	3.7E-03	3.7E-03
Acute	Urban Community	51	Willingdon Heights	SO2	1-h Max	1.1E-01	1.1E-01	1.1E-01	4.1E-03	4.1E-03
Acute	Urban Community	52	Windsor Park	SO2	1-h Max	8.7E-02	8.8E-02	8.8E-02	2.1E-03	2.1E-03
Acute	MPOI	MPOI	MPOI	SO2	1-h Max	1.5E-01	1.5E-01	1.5E-01	4.5E-02	4.5E-02
Acute	Recreational Area	1	Barnet Marine Park	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	5.5E-08	5.5E-08
Acute	Urban Community	2	Belcarra	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	3.8E-08	3.8E-08
Acute	Recreational Area	3	Belcarra Regional Park	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	7.4E-08	7.4E-08
Acute	Urban Community	4	Brentwood	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	1.0E-07	1.0E-07
Acute	Urban Community	5	Burnaby Heights	Styrene	1-h Max	3.6E-05	3.6E-05	3.6E-05	7.6E-08	7.6E-08
Acute	Recreational Area	6	Burnaby Lake	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	1.4E-08	1.4E-08
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	2.8E-08	2.8E-08

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	7.9E-08	7.9E-08
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	2.2E-08	2.2E-08
Acute	Aboriginal Community	10	Burrard Inlet 3	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	6.4E-08	6.4E-08
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	2.1E-07	2.1E-07
Acute	Urban Community	12	Capital Hill	Styrene	1-h Max	3.6E-05	3.6E-05	3.6E-05	1.3E-07	1.3E-07
Acute	Recreational Area	13	Cates Park	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	1.0E-07	1.0E-07
Acute	Urban Community	14	Coombe	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	3.1E-08	3.1E-08
Acute	Urban Community	15	Coquitlam	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	2.8E-08	2.8E-08
Acute	Urban Community	16	Cove Cliff	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	4.5E-08	4.5E-08
Acute	Assisted-Living Complex	17	Dania Manor	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	2.2E-08	2.2E-08
Acute	Urban Community	18	Deep Cove	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	4.0E-08	4.0E-08
Acute	Urban Community	19	Dollarton	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	1.2E-07	1.2E-07
Acute	Urban Community	20	Douglas Gilpin	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	2.9E-08	2.9E-08
Acute	Recreational Area	21	Duthie Union Park	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	3.4E-08	3.4E-08
Acute	School	22	École Capitol Hill Elementary School	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	9.7E-08	9.7E-08
Acute	School	23	École Westridge Elementary School	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	1.2E-07	1.2E-07
Acute	School	24	Forest Grove Elementary School	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	2.8E-08	2.8E-08
Acute	Urban Community	25	Government Road	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	1.8E-08	1.8E-08
Acute	Recreational Area	26	Kensington Pitch & Putt	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	9.6E-08	9.6E-08
Acute	Urban Community	27	Lake City	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	2.9E-08	2.9E-08
Acute	Urban Community	28	Lochdale	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	4.7E-08	4.7E-08
Acute	School	29	Lochdale Community School	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	2.9E-08	2.9E-08
Acute	Urban Community	30	Lyndhurst	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	2.3E-08	2.3E-08
Acute	School	31	Montecito Elementary School	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	1.8E-08	1.8E-08
Acute	Recreational Area	32	Mount Seymour Provincial Park	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	7.0E-08	7.0E-08
Acute	Recreational Area	33	Northlands Golf Course	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	4.9E-08	4.9E-08
Acute	Urban Community	34	Parkcrest Aubrey	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	1.3E-07	1.3E-07
Acute	Urban Community	35	Port Moody	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	3.8E-08	3.8E-08
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	6.0E-08	6.0E-08
Acute	Aboriginal Community	37	Seymour Creek 2	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	2.9E-08	2.9E-08
Acute	Recreational Area	38	Seymour Golf & Country Club	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	9.7E-08	9.7E-08
Acute	Urban Community	39	Seymour Heights	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	3.4E-08	3.4E-08
Acute	School	40	Seymour Heights Elementary School	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	2.5E-08	2.5E-08
Acute	School	41	Sherwood Park Elementary School	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	1.1E-07	1.1E-07
Acute	Urban Community	42	Simon Fraser University	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	3.9E-08	3.9E-08

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	43	Sperling Broadway	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	2.1E-08	2.1E-08
Acute	Recreational Area	44	Takaya Golf Course	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	3.9E-08	3.9E-08
Acute	School	45	University Highlands Elementary	Styrene	1-h Max	3.4E-05	3.4E-05	3.4E-05	4.9E-08	4.9E-08
Acute	Urban Community	46	Westridge	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	1.4E-07	1.4E-07
Acute	Residence	47	Westridge 1	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	1.9E-07	1.9E-07
Acute	Residence	48	Westridge 2	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	2.3E-07	2.3E-07
Acute	Residence	49	Westridge 3	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	1.8E-07	1.8E-07
Acute	Recreational Area	50	Westridge Park	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	6.3E-08	6.3E-08
Acute	Urban Community	51	Willingdon Heights	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	6.9E-08	6.9E-08
Acute	Urban Community	52	Windsor Park	Styrene	1-h Max	3.5E-05	3.5E-05	3.5E-05	3.4E-08	3.4E-08
Acute	MPOI	MPOI	MPOI	Styrene	1-h Max	3.7E-05	3.7E-05	3.7E-05	7.9E-07	7.9E-07
Acute	Recreational Area	1	Barnet Marine Park	Toluene	1-h Max	1.1E-03	1.1E-03	1.1E-03	7.7E-06	7.7E-06
Acute	Urban Community	2	Belcarra	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	1.0E-05	1.0E-05
Acute	Recreational Area	3	Belcarra Regional Park	Toluene	1-h Max	1.1E-03	1.1E-03	1.1E-03	1.4E-05	1.4E-05
Acute	Urban Community	4	Brentwood	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	5.1E-06	5.1E-06
Acute	Urban Community	5	Burnaby Heights	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	4.8E-06	4.8E-06
Acute	Recreational Area	6	Burnaby Lake	Toluene	1-h Max	9.7E-04	9.7E-04	9.7E-04	3.4E-06	3.4E-06
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Toluene	1-h Max	9.8E-04	9.9E-04	9.9E-04	4.5E-06	4.5E-06
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Toluene	1-h Max	1.3E-03	1.3E-03	1.3E-03	1.5E-05	1.5E-05
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	6.4E-06	6.4E-06
Acute	Aboriginal Community	10	Burrard Inlet 3	Toluene	1-h Max	1.1E-03	1.1E-03	1.1E-03	9.0E-06	9.0E-06
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Toluene	1-h Max	1.5E-03	1.6E-03	1.6E-03	2.2E-05	2.2E-05
Acute	Urban Community	12	Capital Hill	Toluene	1-h Max	1.2E-03	1.2E-03	1.2E-03	1.0E-05	1.0E-05
Acute	Recreational Area	13	Cates Park	Toluene	1-h Max	1.2E-03	1.2E-03	1.2E-03	1.1E-05	1.1E-05
Acute	Urban Community	14	Coombe	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	4.9E-06	4.9E-06
Acute	Urban Community	15	Coquitlam	Toluene	1-h Max	9.8E-04	9.8E-04	9.8E-04	3.8E-06	3.8E-06
Acute	Urban Community	16	Cove Cliff	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	7.1E-06	7.1E-06
Acute	Assisted-Living Complex	17	Dania Manor	Toluene	1-h Max	9.7E-04	9.7E-04	9.7E-04	3.5E-06	3.5E-06
Acute	Urban Community	18	Deep Cove	Toluene	1-h Max	9.9E-04	1.0E-03	1.0E-03	6.0E-06	6.0E-06
Acute	Urban Community	19	Dollarton	Toluene	1-h Max	1.2E-03	1.2E-03	1.2E-03	1.0E-05	1.0E-05
Acute	Urban Community	20	Douglas Gilpin	Toluene	1-h Max	9.8E-04	9.8E-04	9.8E-04	3.7E-06	3.7E-06
Acute	Recreational Area	21	Duthie Union Park	Toluene	1-h Max	1.1E-03	1.1E-03	1.1E-03	8.6E-06	8.6E-06
Acute	School	22	École Capitol Hill Elementary School	Toluene	1-h Max	1.1E-03	1.1E-03	1.1E-03	6.3E-06	6.3E-06
Acute	School	23	École Westridge Elementary School	Toluene	1-h Max	1.1E-03	1.1E-03	1.1E-03	7.9E-06	7.9E-06
Acute	School	24	Forest Grove Elementary School	Toluene	1-h Max	1.0E-03	9.9E-04	9.9E-04	8.9E-06	8.9E-06

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	25	Government Road	Toluene	1-h Max	9.8E-04	9.8E-04	9.8E-04	7.2E-06	7.2E-06
Acute	Recreational Area	26	Kensington Pitch & Putt	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	5.8E-06	5.8E-06
Acute	Urban Community	27	Lake City	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	9.2E-06	9.2E-06
Acute	Urban Community	28	Lochdale	Toluene	1-h Max	1.1E-03	1.1E-03	1.1E-03	9.9E-06	9.9E-06
Acute	School	29	Lochdale Community School	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	8.0E-06	8.0E-06
Acute	Urban Community	30	Lyndhurst	Toluene	1-h Max	9.8E-04	9.8E-04	9.8E-04	4.4E-06	4.4E-06
Acute	School	31	Montecito Elementary School	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	5.4E-06	5.4E-06
Acute	Recreational Area	32	Mount Seymour Provincial Park	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	6.3E-06	6.3E-06
Acute	Recreational Area	33	Northlands Golf Course	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	4.8E-06	4.8E-06
Acute	Urban Community	34	Parkcrest Aubrey	Toluene	1-h Max	1.1E-03	1.1E-03	1.1E-03	7.3E-06	7.3E-06
Acute	Urban Community	35	Port Moody	Toluene	1-h Max	9.8E-04	9.8E-04	9.8E-04	2.6E-06	2.6E-06
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	2.7E-06	2.7E-06
Acute	Aboriginal Community	37	Seymour Creek 2	Toluene	1-h Max	9.9E-04	9.9E-04	9.9E-04	2.6E-06	2.6E-06
Acute	Recreational Area	38	Seymour Golf & Country Club	Toluene	1-h Max	1.1E-03	1.1E-03	1.1E-03	9.5E-06	9.5E-06
Acute	Urban Community	39	Seymour Heights	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	3.0E-06	3.0E-06
Acute	School	40	Seymour Heights Elementary School	Toluene	1-h Max	9.9E-04	9.9E-04	9.9E-04	2.1E-06	2.1E-06
Acute	School	41	Sherwood Park Elementary School	Toluene	1-h Max	1.1E-03	1.1E-03	1.1E-03	9.2E-06	9.2E-06
Acute	Urban Community	42	Simon Fraser University	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	1.5E-05	1.5E-05
Acute	Urban Community	43	Sperling Broadway	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	6.4E-06	6.4E-06
Acute	Recreational Area	44	Takaya Golf Course	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	5.5E-06	5.5E-06
Acute	School	45	University Highlands Elementary	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	4.7E-06	4.7E-06
Acute	Urban Community	46	Westridge	Toluene	1-h Max	1.3E-03	1.3E-03	1.3E-03	1.4E-05	1.4E-05
Acute	Residence	47	Westridge 1	Toluene	1-h Max	2.2E-03	2.2E-03	2.2E-03	2.3E-05	2.3E-05
Acute	Residence	48	Westridge 2	Toluene	1-h Max	2.2E-03	2.2E-03	2.2E-03	2.8E-05	2.8E-05
Acute	Residence	49	Westridge 3	Toluene	1-h Max	2.1E-03	2.2E-03	2.2E-03	2.8E-05	2.8E-05
Acute	Recreational Area	50	Westridge Park	Toluene	1-h Max	1.1E-03	1.1E-03	1.1E-03	1.2E-05	1.2E-05
Acute	Urban Community	51	Willingdon Heights	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	3.9E-06	3.9E-06
Acute	Urban Community	52	Windsor Park	Toluene	1-h Max	1.0E-03	1.0E-03	1.0E-03	4.9E-06	4.9E-06
Acute	MPOI	MPOI	MPOI	Toluene	1-h Max	8.9E-03	9.0E-03	9.0E-03	4.8E-04	4.8E-04
Acute	Recreational Area	1	Barnet Marine Park	Trimethylbenzenes	1-h Max	5.9E-06	5.9E-06	5.9E-06	6.4E-09	6.4E-09
Acute	Urban Community	2	Belcarra	Trimethylbenzenes	1-h Max	3.1E-06	3.1E-06	3.1E-06	7.1E-09	7.1E-09
Acute	Recreational Area	3	Belcarra Regional Park	Trimethylbenzenes	1-h Max	7.4E-06	7.4E-06	7.4E-06	1.1E-08	1.1E-08
Acute	Urban Community	4	Brentwood	Trimethylbenzenes	1-h Max	3.4E-06	3.4E-06	3.4E-06	3.8E-09	3.8E-09
Acute	Urban Community	5	Burnaby Heights	Trimethylbenzenes	1-h Max	3.5E-06	3.5E-06	3.5E-06	3.2E-09	3.2E-09
Acute	Recreational Area	6	Burnaby Lake	Trimethylbenzenes	1-h Max	3.7E-07	3.7E-07	3.7E-07	1.0E-09	1.0E-09

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Trimethylbenzenes	1-h Max	1.3E-06	1.3E-06	1.3E-06	1.5E-09	1.5E-09
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Trimethylbenzenes	1-h Max	1.7E-05	1.7E-05	1.7E-05	1.3E-08	1.3E-08
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Trimethylbenzenes	1-h Max	1.3E-06	1.3E-06	1.3E-06	2.9E-09	2.9E-09
Acute	Aboriginal Community	10	Burrard Inlet 3	Trimethylbenzenes	1-h Max	6.3E-06	6.3E-06	6.3E-06	6.7E-09	6.7E-09
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Trimethylbenzenes	1-h Max	3.5E-05	3.5E-05	3.5E-05	2.7E-08	2.7E-08
Acute	Urban Community	12	Capital Hill	Trimethylbenzenes	1-h Max	1.5E-05	1.5E-05	1.5E-05	8.4E-09	8.4E-09
Acute	Recreational Area	13	Cates Park	Trimethylbenzenes	1-h Max	1.4E-05	1.4E-05	1.4E-05	1.0E-08	1.0E-08
Acute	Urban Community	14	Coombe	Trimethylbenzenes	1-h Max	2.1E-06	2.1E-06	2.1E-06	3.4E-09	3.4E-09
Acute	Urban Community	15	Coquitlam	Trimethylbenzenes	1-h Max	9.9E-07	9.9E-07	9.9E-07	9.9E-10	9.9E-10
Acute	Urban Community	16	Cove Cliff	Trimethylbenzenes	1-h Max	2.8E-06	2.8E-06	2.8E-06	5.1E-09	5.1E-09
Acute	Assisted-Living Complex	17	Dania Manor	Trimethylbenzenes	1-h Max	6.4E-07	6.4E-07	6.4E-07	1.4E-09	1.4E-09
Acute	Urban Community	18	Deep Cove	Trimethylbenzenes	1-h Max	1.1E-06	1.1E-06	1.1E-06	4.1E-09	4.1E-09
Acute	Urban Community	19	Dollarton	Trimethylbenzenes	1-h Max	1.4E-05	1.4E-05	1.4E-05	8.0E-09	8.0E-09
Acute	Urban Community	20	Douglas Gilpin	Trimethylbenzenes	1-h Max	9.2E-07	9.2E-07	9.2E-07	1.5E-09	1.5E-09
Acute	Recreational Area	21	Duthie Union Park	Trimethylbenzenes	1-h Max	7.7E-06	7.7E-06	7.7E-06	6.8E-09	6.8E-09
Acute	School	22	École Capitol Hill Elementary School	Trimethylbenzenes	1-h Max	5.0E-06	5.0E-06	5.0E-06	5.2E-09	5.2E-09
Acute	School	23	École Westridge Elementary School	Trimethylbenzenes	1-h Max	5.0E-06	5.0E-06	5.0E-06	6.3E-09	6.3E-09
Acute	School	24	Forest Grove Elementary School	Trimethylbenzenes	1-h Max	1.1E-06	1.1E-06	1.1E-06	1.9E-09	1.9E-09
Acute	Urban Community	25	Government Road	Trimethylbenzenes	1-h Max	9.5E-07	9.5E-07	9.5E-07	1.8E-09	1.8E-09
Acute	Recreational Area	26	Kensington Pitch & Putt	Trimethylbenzenes	1-h Max	3.3E-06	3.3E-06	3.3E-06	4.2E-09	4.2E-09
Acute	Urban Community	27	Lake City	Trimethylbenzenes	1-h Max	1.1E-06	1.1E-06	1.1E-06	2.8E-09	2.8E-09
Acute	Urban Community	28	Lochdale	Trimethylbenzenes	1-h Max	7.8E-06	7.9E-06	7.9E-06	7.9E-09	7.9E-09
Acute	School	29	Lochdale Community School	Trimethylbenzenes	1-h Max	3.6E-06	3.7E-06	3.6E-06	5.4E-09	5.4E-09
Acute	Urban Community	30	Lyndhurst	Trimethylbenzenes	1-h Max	9.0E-07	9.0E-07	9.0E-07	1.0E-09	1.0E-09
Acute	School	31	Montecito Elementary School	Trimethylbenzenes	1-h Max	2.0E-06	2.0E-06	2.0E-06	2.2E-09	2.2E-09
Acute	Recreational Area	32	Mount Seymour Provincial Park	Trimethylbenzenes	1-h Max	2.4E-06	2.4E-06	2.4E-06	4.3E-09	4.3E-09
Acute	Recreational Area	33	Northlands Golf Course	Trimethylbenzenes	1-h Max	2.3E-06	2.3E-06	2.3E-06	3.3E-09	3.3E-09
Acute	Urban Community	34	Parkcrest Aubrey	Trimethylbenzenes	1-h Max	5.2E-06	5.2E-06	5.2E-06	5.6E-09	5.6E-09
Acute	Urban Community	35	Port Moody	Trimethylbenzenes	1-h Max	1.2E-06	1.2E-06	1.2E-06	9.8E-10	9.8E-10
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Trimethylbenzenes	1-h Max	2.3E-06	2.3E-06	2.3E-06	1.7E-09	1.7E-09
Acute	Aboriginal Community	37	Seymour Creek 2	Trimethylbenzenes	1-h Max	1.6E-06	1.6E-06	1.6E-06	1.7E-09	1.7E-09
Acute	Recreational Area	38	Seymour Golf & Country Club	Trimethylbenzenes	1-h Max	5.4E-06	5.4E-06	5.4E-06	6.9E-09	6.9E-09
Acute	Urban Community	39	Seymour Heights	Trimethylbenzenes	1-h Max	2.1E-06	2.1E-06	2.1E-06	2.1E-09	2.1E-09
Acute	School	40	Seymour Heights Elementary School	Trimethylbenzenes	1-h Max	1.8E-06	1.8E-06	1.8E-06	1.5E-09	1.5E-09
Acute	School	41	Sherwood Park Elementary School	Trimethylbenzenes	1-h Max	7.1E-06	7.1E-06	7.1E-06	6.8E-09	6.8E-09

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	42	Simon Fraser University	Trimethylbenzenes	1-h Max	3.2E-06	3.2E-06	3.2E-06	4.9E-09	4.9E-09
Acute	Urban Community	43	Sperling Broadway	Trimethylbenzenes	1-h Max	2.1E-06	2.1E-06	2.1E-06	3.3E-09	3.3E-09
Acute	Recreational Area	44	Takaya Golf Course	Trimethylbenzenes	1-h Max	3.4E-06	3.4E-06	3.4E-06	3.8E-09	3.8E-09
Acute	School	45	University Highlands Elementary	Trimethylbenzenes	1-h Max	2.2E-06	2.2E-06	2.2E-06	2.2E-09	2.2E-09
Acute	Urban Community	46	Westridge	Trimethylbenzenes	1-h Max	2.2E-05	2.2E-05	2.2E-05	1.5E-08	1.5E-08
Acute	Residence	47	Westridge 1	Trimethylbenzenes	1-h Max	7.7E-05	7.7E-05	7.7E-05	2.8E-08	2.8E-08
Acute	Residence	48	Westridge 2	Trimethylbenzenes	1-h Max	7.5E-05	7.5E-05	7.5E-05	3.8E-08	3.8E-08
Acute	Residence	49	Westridge 3	Trimethylbenzenes	1-h Max	7.2E-05	7.2E-05	7.2E-05	3.8E-08	3.8E-08
Acute	Recreational Area	50	Westridge Park	Trimethylbenzenes	1-h Max	9.2E-06	9.3E-06	9.3E-06	1.2E-08	1.2E-08
Acute	Urban Community	51	Willingdon Heights	Trimethylbenzenes	1-h Max	2.1E-06	2.1E-06	2.1E-06	2.5E-09	2.5E-09
Acute	Urban Community	52	Windsor Park	Trimethylbenzenes	1-h Max	3.0E-06	3.0E-06	3.0E-06	3.4E-09	3.4E-09
Acute	MPOI	MPOI	MPOI	Trimethylbenzenes	1-h Max	5.0E-04	5.0E-04	5.0E-04	2.4E-07	2.4E-07
Acute	Recreational Area	1	Barnet Marine Park	Vanadium	1-h Max	4.1E-04	4.1E-04	4.1E-04	3.1E-06	3.1E-06
Acute	Urban Community	2	Belcarra	Vanadium	1-h Max	4.1E-04	4.1E-04	4.1E-04	3.0E-06	3.0E-06
Acute	Recreational Area	3	Belcarra Regional Park	Vanadium	1-h Max	4.1E-04	4.1E-04	4.1E-04	3.8E-06	3.8E-06
Acute	Urban Community	4	Brentwood	Vanadium	1-h Max	4.6E-04	4.6E-04	4.6E-04	5.5E-06	5.5E-06
Acute	Urban Community	5	Burnaby Heights	Vanadium	1-h Max	5.0E-04	5.0E-04	5.0E-04	4.5E-06	4.5E-06
Acute	Recreational Area	6	Burnaby Lake	Vanadium	1-h Max	3.7E-04	3.7E-04	3.7E-04	3.2E-06	3.2E-06
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Vanadium	1-h Max	3.9E-04	3.9E-04	3.9E-04	3.2E-06	3.2E-06
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Vanadium	1-h Max	4.8E-04	4.8E-04	4.8E-04	4.0E-06	4.0E-06
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Vanadium	1-h Max	4.1E-04	4.1E-04	4.1E-04	3.8E-06	3.8E-06
Acute	Aboriginal Community	10	Burrard Inlet 3	Vanadium	1-h Max	3.8E-04	3.8E-04	3.8E-04	3.7E-06	3.7E-06
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Vanadium	1-h Max	4.3E-04	4.3E-04	4.3E-04	1.1E-05	1.1E-05
Acute	Urban Community	12	Capital Hill	Vanadium	1-h Max	5.1E-04	5.1E-04	5.1E-04	7.7E-06	7.7E-06
Acute	Recreational Area	13	Cates Park	Vanadium	1-h Max	3.8E-04	3.8E-04	3.8E-04	5.5E-06	5.5E-06
Acute	Urban Community	14	Coombe	Vanadium	1-h Max	3.8E-04	3.8E-04	3.8E-04	2.3E-06	2.3E-06
Acute	Urban Community	15	Coquitlam	Vanadium	1-h Max	3.8E-04	3.8E-04	3.8E-04	2.7E-06	2.7E-06
Acute	Urban Community	16	Cove Cliff	Vanadium	1-h Max	3.9E-04	3.9E-04	3.9E-04	3.2E-06	3.2E-06
Acute	Assisted-Living Complex	17	Dania Manor	Vanadium	1-h Max	3.9E-04	3.9E-04	3.9E-04	3.3E-06	3.3E-06
Acute	Urban Community	18	Deep Cove	Vanadium	1-h Max	3.7E-04	3.7E-04	3.7E-04	3.4E-06	3.4E-06
Acute	Urban Community	19	Dollarton	Vanadium	1-h Max	3.9E-04	3.9E-04	3.9E-04	6.0E-06	6.0E-06
Acute	Urban Community	20	Douglas Gilpin	Vanadium	1-h Max	4.0E-04	4.0E-04	4.0E-04	3.3E-06	3.3E-06
Acute	Recreational Area	21	Duthie Union Park	Vanadium	1-h Max	4.6E-04	4.6E-04	4.6E-04	2.8E-06	2.8E-06
Acute	School	22	École Capitol Hill Elementary School	Vanadium	1-h Max	4.8E-04	4.8E-04	4.8E-04	5.1E-06	5.1E-06
Acute	School	23	École Westridge Elementary School	Vanadium	1-h Max	4.5E-04	4.5E-04	4.5E-04	7.2E-06	7.2E-06

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	School	24	Forest Grove Elementary School	Vanadium	1-h Max	3.8E-04	3.8E-04	3.8E-04	2.9E-06	2.9E-06
Acute	Urban Community	25	Government Road	Vanadium	1-h Max	3.9E-04	3.9E-04	3.9E-04	3.2E-06	3.2E-06
Acute	Recreational Area	26	Kensington Pitch & Putt	Vanadium	1-h Max	4.5E-04	4.5E-04	4.5E-04	6.1E-06	6.1E-06
Acute	Urban Community	27	Lake City	Vanadium	1-h Max	3.9E-04	3.9E-04	3.9E-04	3.9E-06	3.9E-06
Acute	Urban Community	28	Lochdale	Vanadium	1-h Max	4.6E-04	4.6E-04	4.6E-04	4.0E-06	4.0E-06
Acute	School	29	Lochdale Community School	Vanadium	1-h Max	4.5E-04	4.5E-04	4.5E-04	2.9E-06	2.9E-06
Acute	Urban Community	30	Lyndhurst	Vanadium	1-h Max	3.6E-04	3.6E-04	3.6E-04	2.9E-06	2.9E-06
Acute	School	31	Montecito Elementary School	Vanadium	1-h Max	4.0E-04	4.0E-04	4.0E-04	3.1E-06	3.1E-06
Acute	Recreational Area	32	Mount Seymour Provincial Park	Vanadium	1-h Max	4.1E-04	4.1E-04	4.1E-04	3.6E-06	3.6E-06
Acute	Recreational Area	33	Northlands Golf Course	Vanadium	1-h Max	4.0E-04	4.0E-04	4.0E-04	3.0E-06	3.0E-06
Acute	Urban Community	34	Parkcrest Aubrey	Vanadium	1-h Max	4.4E-04	4.4E-04	4.4E-04	6.6E-06	6.6E-06
Acute	Urban Community	35	Port Moody	Vanadium	1-h Max	4.0E-04	4.0E-04	4.0E-04	2.7E-06	2.7E-06
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Vanadium	1-h Max	3.9E-04	4.0E-04	4.0E-04	4.7E-06	4.7E-06
Acute	Aboriginal Community	37	Seymour Creek 2	Vanadium	1-h Max	3.8E-04	3.8E-04	3.8E-04	4.1E-06	4.1E-06
Acute	Recreational Area	38	Seymour Golf & Country Club	Vanadium	1-h Max	3.9E-04	3.9E-04	3.9E-04	5.0E-06	5.0E-06
Acute	Urban Community	39	Seymour Heights	Vanadium	1-h Max	4.0E-04	4.0E-04	4.0E-04	3.3E-06	3.3E-06
Acute	School	40	Seymour Heights Elementary School	Vanadium	1-h Max	3.9E-04	4.0E-04	4.0E-04	3.4E-06	3.4E-06
Acute	School	41	Sherwood Park Elementary School	Vanadium	1-h Max	3.9E-04	3.9E-04	3.9E-04	5.8E-06	5.8E-06
Acute	Urban Community	42	Simon Fraser University	Vanadium	1-h Max	4.2E-04	4.2E-04	4.2E-04	2.7E-06	2.7E-06
Acute	Urban Community	43	Sperling Broadway	Vanadium	1-h Max	4.2E-04	4.2E-04	4.2E-04	3.1E-06	3.1E-06
Acute	Recreational Area	44	Takaya Golf Course	Vanadium	1-h Max	4.0E-04	4.0E-04	4.0E-04	3.8E-06	3.8E-06
Acute	School	45	University Highlands Elementary	Vanadium	1-h Max	4.2E-04	4.2E-04	4.2E-04	2.7E-06	2.7E-06
Acute	Urban Community	46	Westridge	Vanadium	1-h Max	4.6E-04	4.7E-04	4.7E-04	7.3E-06	7.3E-06
Acute	Residence	47	Westridge 1	Vanadium	1-h Max	4.2E-04	4.2E-04	4.2E-04	9.5E-06	9.5E-06
Acute	Residence	48	Westridge 2	Vanadium	1-h Max	4.3E-04	4.3E-04	4.3E-04	1.1E-05	1.1E-05
Acute	Residence	49	Westridge 3	Vanadium	1-h Max	4.4E-04	4.4E-04	4.4E-04	8.9E-06	8.9E-06
Acute	Recreational Area	50	Westridge Park	Vanadium	1-h Max	4.4E-04	4.4E-04	4.4E-04	3.5E-06	3.5E-06
Acute	Urban Community	51	Willingdon Heights	Vanadium	1-h Max	4.5E-04	4.5E-04	4.5E-04	4.5E-06	4.5E-06
Acute	Urban Community	52	Windsor Park	Vanadium	1-h Max	4.0E-04	4.0E-04	4.0E-04	3.3E-06	3.3E-06
Acute	MPOI	MPOI	MPOI	Vanadium	1-h Max	5.2E-04	5.2E-04	5.2E-04	4.0E-05	4.0E-05
Acute	Recreational Area	1	Barnet Marine Park	Xylenes	1-h Max	1.9E-03	2.0E-03	2.0E-03	5.5E-06	5.5E-06
Acute	Urban Community	2	Belcarra	Xylenes	1-h Max	1.9E-03	1.9E-03	1.9E-03	7.2E-06	7.2E-06
Acute	Recreational Area	3	Belcarra Regional Park	Xylenes	1-h Max	2.0E-03	2.0E-03	2.0E-03	9.7E-06	9.7E-06
Acute	Urban Community	4	Brentwood	Xylenes	1-h Max	1.9E-03	1.9E-03	1.9E-03	4.0E-06	4.0E-06
Acute	Urban Community	5	Burnaby Heights	Xylenes	1-h Max	1.9E-03	1.9E-03	1.9E-03	3.5E-06	3.5E-06

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Recreational Area	6	Burnaby Lake	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	2.4E-06	2.4E-06
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	3.2E-06	3.2E-06
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Xylenes	1-h Max	2.3E-03	2.3E-03	2.3E-03	1.1E-05	1.1E-05
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	4.6E-06	4.6E-06
Acute	Aboriginal Community	10	Burrard Inlet 3	Xylenes	1-h Max	2.0E-03	2.0E-03	2.0E-03	6.4E-06	6.4E-06
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Xylenes	1-h Max	2.7E-03	2.7E-03	2.7E-03	1.6E-05	1.6E-05
Acute	Urban Community	12	Capital Hill	Xylenes	1-h Max	2.2E-03	2.2E-03	2.2E-03	7.4E-06	7.4E-06
Acute	Recreational Area	13	Cates Park	Xylenes	1-h Max	2.2E-03	2.2E-03	2.2E-03	8.3E-06	8.3E-06
Acute	Urban Community	14	Coombe	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	3.5E-06	3.5E-06
Acute	Urban Community	15	Coquitlam	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	2.8E-06	2.8E-06
Acute	Urban Community	16	Cove Cliff	Xylenes	1-h Max	1.9E-03	1.9E-03	1.9E-03	5.0E-06	5.0E-06
Acute	Assisted-Living Complex	17	Dania Manor	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	2.5E-06	2.5E-06
Acute	Urban Community	18	Deep Cove	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	4.2E-06	4.2E-06
Acute	Urban Community	19	Dollarton	Xylenes	1-h Max	2.2E-03	2.2E-03	2.2E-03	7.5E-06	7.5E-06
Acute	Urban Community	20	Douglas Gilpin	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	2.7E-06	2.7E-06
Acute	Recreational Area	21	Duthie Union Park	Xylenes	1-h Max	2.0E-03	2.0E-03	2.0E-03	6.0E-06	6.0E-06
Acute	School	22	École Capitol Hill Elementary School	Xylenes	1-h Max	1.9E-03	1.9E-03	1.9E-03	4.8E-06	4.8E-06
Acute	School	23	École Westridge Elementary School	Xylenes	1-h Max	1.9E-03	1.9E-03	1.9E-03	6.0E-06	6.0E-06
Acute	School	24	Forest Grove Elementary School	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	6.4E-06	6.4E-06
Acute	Urban Community	25	Government Road	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	5.0E-06	5.0E-06
Acute	Recreational Area	26	Kensington Pitch & Putt	Xylenes	1-h Max	1.9E-03	1.9E-03	1.9E-03	4.5E-06	4.5E-06
Acute	Urban Community	27	Lake City	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	6.6E-06	6.6E-06
Acute	Urban Community	28	Lochdale	Xylenes	1-h Max	2.0E-03	2.0E-03	2.0E-03	7.0E-06	7.0E-06
Acute	School	29	Lochdale Community School	Xylenes	1-h Max	1.9E-03	1.9E-03	1.9E-03	5.6E-06	5.6E-06
Acute	Urban Community	30	Lyndhurst	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	3.1E-06	3.1E-06
Acute	School	31	Montecito Elementary School	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	3.8E-06	3.8E-06
Acute	Recreational Area	32	Mount Seymour Provincial Park	Xylenes	1-h Max	1.9E-03	1.9E-03	1.9E-03	4.6E-06	4.6E-06
Acute	Recreational Area	33	Northlands Golf Course	Xylenes	1-h Max	1.8E-03	1.9E-03	1.9E-03	3.5E-06	3.5E-06
Acute	Urban Community	34	Parkcrest Aubrey	Xylenes	1-h Max	1.9E-03	1.9E-03	1.9E-03	5.3E-06	5.3E-06
Acute	Urban Community	35	Port Moody	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	2.0E-06	2.0E-06
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	2.1E-06	2.1E-06
Acute	Aboriginal Community	37	Seymour Creek 2	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	1.9E-06	1.9E-06
Acute	Recreational Area	38	Seymour Golf & Country Club	Xylenes	1-h Max	1.9E-03	1.9E-03	1.9E-03	6.9E-06	6.9E-06
Acute	Urban Community	39	Seymour Heights	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	2.2E-06	2.2E-06
Acute	School	40	Seymour Heights Elementary School	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	1.5E-06	1.5E-06



Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	School	41	Sherwood Park Elementary School	Xylenes	1-h Max	2.0E-03	2.0E-03	2.0E-03	6.8E-06	6.8E-06
Acute	Urban Community	42	Simon Fraser University	Xylenes	1-h Max	1.9E-03	1.9E-03	1.9E-03	1.0E-05	1.0E-05
Acute	Urban Community	43	Sperling Broadway	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	4.5E-06	4.5E-06
Acute	Recreational Area	44	Takaya Golf Course	Xylenes	1-h Max	1.9E-03	1.9E-03	1.9E-03	3.9E-06	3.9E-06
Acute	School	45	University Highlands Elementary	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	3.5E-06	3.5E-06
Acute	Urban Community	46	Westridge	Xylenes	1-h Max	2.4E-03	2.4E-03	2.4E-03	1.0E-05	1.0E-05
Acute	Residence	47	Westridge 1	Xylenes	1-h Max	3.8E-03	3.9E-03	3.9E-03	1.6E-05	1.6E-05
Acute	Residence	48	Westridge 2	Xylenes	1-h Max	3.8E-03	3.8E-03	3.8E-03	2.0E-05	2.0E-05
Acute	Residence	49	Westridge 3	Xylenes	1-h Max	3.7E-03	3.7E-03	3.7E-03	2.0E-05	2.0E-05
Acute	Recreational Area	50	Westridge Park	Xylenes	1-h Max	2.0E-03	2.0E-03	2.0E-03	8.7E-06	8.7E-06
Acute	Urban Community	51	Willingdon Heights	Xylenes	1-h Max	1.8E-03	1.8E-03	1.8E-03	3.0E-06	3.0E-06
Acute	Urban Community	52	Windsor Park	Xylenes	1-h Max	1.9E-03	1.9E-03	1.9E-03	3.5E-06	3.5E-06
Acute	MPOI	MPOI	MPOI	Xylenes	1-h Max	1.5E-02	1.5E-02	1.5E-02	3.3E-04	3.3E-04
Acute	Recreational Area	1	Barnet Marine Park	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.7E-07	3.7E-07
Acute	Urban Community	2	Belcarra	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.6E-07	3.6E-07
Acute	Recreational Area	3	Belcarra Regional Park	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	4.5E-07	4.5E-07
Acute	Urban Community	4	Brentwood	Zinc	1-h Max	1.8E-04	1.8E-04	1.8E-04	6.6E-07	6.6E-07
Acute	Urban Community	5	Burnaby Heights	Zinc	1-h Max	1.8E-04	1.8E-04	1.8E-04	5.4E-07	5.4E-07
Acute	Recreational Area	6	Burnaby Lake	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.9E-07	3.9E-07
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.9E-07	3.9E-07
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Zinc	1-h Max	1.8E-04	1.8E-04	1.8E-04	4.8E-07	4.8E-07
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	4.6E-07	4.6E-07
Acute	Aboriginal Community	10	Burrard Inlet 3	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	4.4E-07	4.4E-07
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Zinc	1-h Max	1.8E-04	1.8E-04	1.8E-04	1.3E-06	1.3E-06
Acute	Urban Community	12	Capital Hill	Zinc	1-h Max	1.9E-04	1.9E-04	1.9E-04	9.2E-07	9.2E-07
Acute	Recreational Area	13	Cates Park	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	6.6E-07	6.6E-07
Acute	Urban Community	14	Coombe	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	2.7E-07	2.7E-07
Acute	Urban Community	15	Coquitlam	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.3E-07	3.3E-07
Acute	Urban Community	16	Cove Cliff	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.9E-07	3.9E-07
Acute	Assisted-Living Complex	17	Dania Manor	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	4.0E-07	4.0E-07
Acute	Urban Community	18	Deep Cove	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	4.1E-07	4.1E-07
Acute	Urban Community	19	Dollarton	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	7.2E-07	7.2E-07
Acute	Urban Community	20	Douglas Gilpin	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	4.0E-07	4.0E-07
Acute	Recreational Area	21	Duthie Union Park	Zinc	1-h Max	1.8E-04	1.8E-04	1.8E-04	3.4E-07	3.4E-07
Acute	School	22	École Capitol Hill Elementary School	Zinc	1-h Max	1.8E-04	1.8E-04	1.8E-04	6.2E-07	6.2E-07

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	School	23	École Westridge Elementary School	Zinc	1-h Max	1.8E-04	1.8E-04	1.8E-04	8.6E-07	8.6E-07
Acute	School	24	Forest Grove Elementary School	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.5E-07	3.5E-07
Acute	Urban Community	25	Government Road	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.8E-07	3.8E-07
Acute	Recreational Area	26	Kensington Pitch & Putt	Zinc	1-h Max	1.8E-04	1.8E-04	1.8E-04	7.3E-07	7.3E-07
Acute	Urban Community	27	Lake City	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	4.6E-07	4.6E-07
Acute	Urban Community	28	Lochdale	Zinc	1-h Max	1.8E-04	1.8E-04	1.8E-04	4.8E-07	4.8E-07
Acute	School	29	Lochdale Community School	Zinc	1-h Max	1.8E-04	1.8E-04	1.8E-04	3.5E-07	3.5E-07
Acute	Urban Community	30	Lyndhurst	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.5E-07	3.5E-07
Acute	School	31	Montecito Elementary School	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.7E-07	3.7E-07
Acute	Recreational Area	32	Mount Seymour Provincial Park	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	4.3E-07	4.3E-07
Acute	Recreational Area	33	Northlands Golf Course	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.5E-07	3.5E-07
Acute	Urban Community	34	Parkcrest Aubrey	Zinc	1-h Max	1.8E-04	1.8E-04	1.8E-04	7.9E-07	7.9E-07
Acute	Urban Community	35	Port Moody	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.2E-07	3.2E-07
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	5.6E-07	5.6E-07
Acute	Aboriginal Community	37	Seymour Creek 2	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	4.9E-07	4.9E-07
Acute	Recreational Area	38	Seymour Golf & Country Club	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	6.0E-07	6.0E-07
Acute	Urban Community	39	Seymour Heights	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.9E-07	3.9E-07
Acute	School	40	Seymour Heights Elementary School	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	4.1E-07	4.1E-07
Acute	School	41	Sherwood Park Elementary School	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	7.0E-07	7.0E-07
Acute	Urban Community	42	Simon Fraser University	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.3E-07	3.3E-07
Acute	Urban Community	43	Sperling Broadway	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.7E-07	3.7E-07
Acute	Recreational Area	44	Takaya Golf Course	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	4.6E-07	4.6E-07
Acute	School	45	University Highlands Elementary	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	3.2E-07	3.2E-07
Acute	Urban Community	46	Westridge	Zinc	1-h Max	1.8E-04	1.8E-04	1.8E-04	8.7E-07	8.7E-07
Acute	Residence	47	Westridge 1	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	1.1E-06	1.1E-06
Acute	Residence	48	Westridge 2	Zinc	1-h Max	1.8E-04	1.8E-04	1.8E-04	1.4E-06	1.4E-06
Acute	Residence	49	Westridge 3	Zinc	1-h Max	1.8E-04	1.8E-04	1.8E-04	1.1E-06	1.1E-06
Acute	Recreational Area	50	Westridge Park	Zinc	1-h Max	1.8E-04	1.8E-04	1.8E-04	4.2E-07	4.2E-07
Acute	Urban Community	51	Willingdon Heights	Zinc	1-h Max	1.8E-04	1.8E-04	1.8E-04	5.4E-07	5.4E-07
Acute	Urban Community	52	Windsor Park	Zinc	1-h Max	1.7E-04	1.7E-04	1.7E-04	4.0E-07	4.0E-07
Acute	MPOI	MPOI	MPOI	Zinc	1-h Max	1.9E-04	1.9E-04	1.9E-04	4.8E-06	4.8E-06
Acute	Recreational Area	1	Barnet Marine Park	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	1.1E-04	1.1E-04
Acute	Urban Community	2	Belcarra	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	9.5E-05	9.5E-05
Acute	Recreational Area	3	Belcarra Regional Park	Cadmium	24-h Max	6.9E-03	7.0E-03	7.0E-03	9.3E-05	9.3E-05
Acute	Urban Community	4	Brentwood	Cadmium	24-h Max	6.9E-03	7.0E-03	7.0E-03	1.9E-04	1.9E-04

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	5	Burnaby Heights	Cadmium	24-h Max	6.9E-03	7.1E-03	7.1E-03	2.3E-04	2.3E-04
Acute	Recreational Area	6	Burnaby Lake	Cadmium	24-h Max	6.7E-03	6.8E-03	6.8E-03	8.0E-05	8.0E-05
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	9.5E-05	9.5E-05
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	Cadmium	24-h Max	6.9E-03	7.1E-03	7.1E-03	1.9E-04	1.9E-04
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	9.3E-05	9.3E-05
Acute	Aboriginal Community	10	Burrard Inlet 3	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	9.8E-05	9.8E-05
Acute	Recreational Area	11	Burrard Inlet Conservation Area	Cadmium	24-h Max	6.9E-03	7.3E-03	7.3E-03	4.0E-04	4.0E-04
Acute	Urban Community	12	Capital Hill	Cadmium	24-h Max	6.9E-03	7.1E-03	7.1E-03	2.9E-04	2.9E-04
Acute	Recreational Area	13	Cates Park	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	1.2E-04	1.2E-04
Acute	Urban Community	14	Coombe	Cadmium	24-h Max	6.7E-03	6.8E-03	6.8E-03	6.5E-05	6.5E-05
Acute	Urban Community	15	Coquitlam	Cadmium	24-h Max	6.7E-03	6.8E-03	6.8E-03	6.7E-05	6.7E-05
Acute	Urban Community	16	Cove Cliff	Cadmium	24-h Max	6.8E-03	6.8E-03	6.8E-03	7.4E-05	7.4E-05
Acute	Assisted-Living Complex	17	Dania Manor	Cadmium	24-h Max	6.8E-03	6.9E-03	6.8E-03	9.3E-05	9.3E-05
Acute	Urban Community	18	Deep Cove	Cadmium	24-h Max	6.8E-03	6.8E-03	6.8E-03	5.6E-05	5.6E-05
Acute	Urban Community	19	Dollarton	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	1.0E-04	1.0E-04
Acute	Urban Community	20	Douglas Gilpin	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	1.1E-04	1.1E-04
Acute	Recreational Area	21	Duthie Union Park	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	1.3E-04	1.3E-04
Acute	School	22	École Capitol Hill Elementary School	Cadmium	24-h Max	6.9E-03	7.1E-03	7.0E-03	2.0E-04	2.0E-04
Acute	School	23	École Westridge Elementary School	Cadmium	24-h Max	6.8E-03	7.0E-03	7.0E-03	1.4E-04	1.4E-04
Acute	School	24	Forest Grove Elementary School	Cadmium	24-h Max	6.8E-03	6.8E-03	6.8E-03	7.8E-05	7.8E-05
Acute	Urban Community	25	Government Road	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	9.4E-05	9.4E-05
Acute	Recreational Area	26	Kensington Pitch & Putt	Cadmium	24-h Max	6.8E-03	7.0E-03	7.0E-03	2.0E-04	2.0E-04
Acute	Urban Community	27	Lake City	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	8.7E-05	8.7E-05
Acute	Urban Community	28	Lochdale	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	1.3E-04	1.3E-04
Acute	School	29	Lochdale Community School	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	1.3E-04	1.3E-04
Acute	Urban Community	30	Lyndhurst	Cadmium	24-h Max	6.7E-03	6.8E-03	6.8E-03	6.7E-05	6.7E-05
Acute	School	31	Montecito Elementary School	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	1.0E-04	1.0E-04
Acute	Recreational Area	32	Mount Seymour Provincial Park	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	9.8E-05	9.8E-05
Acute	Recreational Area	33	Northlands Golf Course	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	9.4E-05	9.4E-05
Acute	Urban Community	34	Parkcrest Aubrey	Cadmium	24-h Max	6.9E-03	7.1E-03	7.1E-03	2.9E-04	2.9E-04
Acute	Urban Community	35	Port Moody	Cadmium	24-h Max	6.8E-03	6.8E-03	6.8E-03	6.9E-05	6.9E-05
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	Cadmium	24-h Max	6.9E-03	7.0E-03	7.0E-03	1.9E-04	1.9E-04
Acute	Aboriginal Community	37	Seymour Creek 2	Cadmium	24-h Max	6.8E-03	7.0E-03	7.0E-03	1.5E-04	1.5E-04
Acute	Recreational Area	38	Seymour Golf & Country Club	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	1.0E-04	1.0E-04
Acute	Urban Community	39	Seymour Heights	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	1.1E-04	1.1E-04

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	School	40	Seymour Heights Elementary School	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	1.1E-04	1.1E-04
Acute	School	41	Sherwood Park Elementary School	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	9.7E-05	9.7E-05
Acute	Urban Community	42	Simon Fraser University	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	1.1E-04	1.1E-04
Acute	Urban Community	43	Sperling Broadway	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	1.1E-04	1.1E-04
Acute	Recreational Area	44	Takaya Golf Course	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	1.1E-04	1.1E-04
Acute	School	45	University Highlands Elementary	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	8.8E-05	8.8E-05
Acute	Urban Community	46	Westridge	Cadmium	24-h Max	6.8E-03	7.0E-03	7.0E-03	1.4E-04	1.4E-04
Acute	Residence	47	Westridge 1	Cadmium	24-h Max	7.0E-03	7.0E-03	7.0E-03	1.7E-04	1.7E-04
Acute	Residence	48	Westridge 2	Cadmium	24-h Max	6.9E-03	7.0E-03	7.0E-03	1.3E-04	1.3E-04
Acute	Residence	49	Westridge 3	Cadmium	24-h Max	6.8E-03	7.0E-03	7.0E-03	1.4E-04	1.4E-04
Acute	Recreational Area	50	Westridge Park	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	1.3E-04	1.3E-04
Acute	Urban Community	51	Willingdon Heights	Cadmium	24-h Max	6.8E-03	7.0E-03	7.0E-03	1.9E-04	1.9E-04
Acute	Urban Community	52	Windsor Park	Cadmium	24-h Max	6.8E-03	6.9E-03	6.9E-03	1.0E-04	1.0E-04
Acute	MPOI	MPOI	MPOI	Cadmium	24-h Max	7.4E-03	8.1E-03	8.1E-03	1.3E-03	1.3E-03
Acute	Recreational Area	1	Barnet Marine Park	PM10	24-h Max	4.3E-01	4.3E-01	4.3E-01	3.9E-03	3.9E-03
Acute	Urban Community	2	Belcarra	PM10	24-h Max	4.1E-01	4.2E-01	4.2E-01	3.7E-03	3.7E-03
Acute	Recreational Area	3	Belcarra Regional Park	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	3.6E-03	3.6E-03
Acute	Urban Community	4	Brentwood	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	8.1E-03	8.1E-03
Acute	Urban Community	5	Burnaby Heights	PM10	24-h Max	4.1E-01	4.2E-01	4.2E-01	9.0E-03	9.0E-03
Acute	Recreational Area	6	Burnaby Lake	PM10	24-h Max	4.1E-01	4.1E-01	4.1E-01	3.2E-03	3.2E-03
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	PM10	24-h Max	4.1E-01	4.1E-01	4.1E-01	3.8E-03	3.8E-03
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	PM10	24-h Max	4.6E-01	4.6E-01	4.6E-01	8.9E-03	8.9E-03
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	3.7E-03	3.7E-03
Acute	Aboriginal Community	10	Burrard Inlet 3	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	3.8E-03	3.8E-03
Acute	Recreational Area	11	Burrard Inlet Conservation Area	PM10	24-h Max	4.3E-01	4.3E-01	4.3E-01	1.6E-02	1.6E-02
Acute	Urban Community	12	Capital Hill	PM10	24-h Max	4.3E-01	4.4E-01	4.4E-01	1.2E-02	1.2E-02
Acute	Recreational Area	13	Cates Park	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	5.0E-03	5.0E-03
Acute	Urban Community	14	Coombe	PM10	24-h Max	4.1E-01	4.1E-01	4.1E-01	2.5E-03	2.5E-03
Acute	Urban Community	15	Coquitlam	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	2.6E-03	2.6E-03
Acute	Urban Community	16	Cove Cliff	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	2.9E-03	2.9E-03
Acute	Assisted-Living Complex	17	Dania Manor	PM10	24-h Max	4.1E-01	4.1E-01	4.1E-01	3.7E-03	3.7E-03
Acute	Urban Community	18	Deep Cove	PM10	24-h Max	4.1E-01	4.1E-01	4.1E-01	2.2E-03	2.2E-03
Acute	Urban Community	19	Dollarton	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	4.1E-03	4.1E-03
Acute	Urban Community	20	Douglas Gilpin	PM10	24-h Max	4.1E-01	4.2E-01	4.2E-01	4.2E-03	4.2E-03
Acute	Recreational Area	21	Duthie Union Park	PM10	24-h Max	4.3E-01	4.3E-01	4.3E-01	5.1E-03	5.1E-03

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	School	22	École Capitol Hill Elementary School	PM10	24-h Max	4.2E-01	4.3E-01	4.3E-01	8.4E-03	8.4E-03
Acute	School	23	École Westridge Elementary School	PM10	24-h Max	4.2E-01	4.3E-01	4.3E-01	5.5E-03	5.5E-03
Acute	School	24	Forest Grove Elementary School	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	3.1E-03	3.1E-03
Acute	Urban Community	25	Government Road	PM10	24-h Max	4.1E-01	4.1E-01	4.1E-01	3.7E-03	3.7E-03
Acute	Recreational Area	26	Kensington Pitch & Putt	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	8.1E-03	8.1E-03
Acute	Urban Community	27	Lake City	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	3.5E-03	3.5E-03
Acute	Urban Community	28	Lochdale	PM10	24-h Max	4.3E-01	4.4E-01	4.4E-01	5.2E-03	5.2E-03
Acute	School	29	Lochdale Community School	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	5.4E-03	5.4E-03
Acute	Urban Community	30	Lyndhurst	PM10	24-h Max	4.1E-01	4.2E-01	4.2E-01	2.7E-03	2.7E-03
Acute	School	31	Montecito Elementary School	PM10	24-h Max	4.1E-01	4.2E-01	4.2E-01	4.0E-03	4.0E-03
Acute	Recreational Area	32	Mount Seymour Provincial Park	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	3.9E-03	3.9E-03
Acute	Recreational Area	33	Northlands Golf Course	PM10	24-h Max	4.1E-01	4.1E-01	4.1E-01	3.7E-03	3.7E-03
Acute	Urban Community	34	Parkcrest Aubrey	PM10	24-h Max	4.3E-01	4.4E-01	4.4E-01	1.1E-02	1.1E-02
Acute	Urban Community	35	Port Moody	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	3.6E-03	3.6E-03
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	7.6E-03	7.6E-03
Acute	Aboriginal Community	37	Seymour Creek 2	PM10	24-h Max	4.1E-01	4.2E-01	4.2E-01	5.9E-03	5.9E-03
Acute	Recreational Area	38	Seymour Golf & Country Club	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	4.0E-03	4.0E-03
Acute	Urban Community	39	Seymour Heights	PM10	24-h Max	4.1E-01	4.2E-01	4.2E-01	4.2E-03	4.2E-03
Acute	School	40	Seymour Heights Elementary School	PM10	24-h Max	4.1E-01	4.2E-01	4.2E-01	4.4E-03	4.4E-03
Acute	School	41	Sherwood Park Elementary School	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	3.8E-03	3.8E-03
Acute	Urban Community	42	Simon Fraser University	PM10	24-h Max	4.8E-01	4.9E-01	4.9E-01	1.0E-02	1.0E-02
Acute	Urban Community	43	Sperling Broadway	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	4.6E-03	4.6E-03
Acute	Recreational Area	44	Takaya Golf Course	PM10	24-h Max	4.2E-01	4.2E-01	4.2E-01	4.1E-03	4.1E-03
Acute	School	45	University Highlands Elementary	PM10	24-h Max	4.8E-01	4.9E-01	4.9E-01	4.7E-03	4.7E-03
Acute	Urban Community	46	Westridge	PM10	24-h Max	4.5E-01	4.6E-01	4.6E-01	5.5E-03	5.5E-03
Acute	Residence	47	Westridge 1	PM10	24-h Max	4.4E-01	4.4E-01	4.4E-01	7.9E-03	7.9E-03
Acute	Residence	48	Westridge 2	PM10	24-h Max	4.5E-01	4.6E-01	4.6E-01	6.4E-03	6.4E-03
Acute	Residence	49	Westridge 3	PM10	24-h Max	4.7E-01	4.8E-01	4.8E-01	1.0E-02	1.0E-02
Acute	Recreational Area	50	Westridge Park	PM10	24-h Max	4.3E-01	4.4E-01	4.4E-01	5.1E-03	5.1E-03
Acute	Urban Community	51	Willingdon Heights	PM10	24-h Max	4.1E-01	4.2E-01	4.2E-01	7.5E-03	7.5E-03
Acute	Urban Community	52	Windsor Park	PM10	24-h Max	4.1E-01	4.2E-01	4.2E-01	4.0E-03	4.0E-03
Acute	MPOI	MPOI	MPOI	PM10	24-h Max	5.4E-01	5.5E-01	5.5E-01	6.5E-02	6.5E-02
Acute	Recreational Area	1	Barnet Marine Park	PM2.5	24-h Max	5.5E-01	5.5E-01	5.5E-01	7.6E-03	7.6E-03
Acute	Urban Community	2	Belcarra	PM2.5	24-h Max	5.2E-01	5.3E-01	5.3E-01	7.2E-03	7.2E-03
Acute	Recreational Area	3	Belcarra Regional Park	PM2.5	24-h Max	5.3E-01	5.4E-01	5.4E-01	7.1E-03	7.1E-03

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	4	Brentwood	PM2.5	24-h Max	5.3E-01	5.3E-01	5.3E-01	1.6E-02	1.6E-02
Acute	Urban Community	5	Burnaby Heights	PM2.5	24-h Max	5.2E-01	5.3E-01	5.3E-01	1.8E-02	1.8E-02
Acute	Recreational Area	6	Burnaby Lake	PM2.5	24-h Max	5.1E-01	5.1E-01	5.1E-01	6.3E-03	6.3E-03
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	PM2.5	24-h Max	5.1E-01	5.2E-01	5.2E-01	7.5E-03	7.5E-03
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	PM2.5	24-h Max	6.1E-01	6.2E-01	6.2E-01	1.7E-02	1.7E-02
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	PM2.5	24-h Max	5.3E-01	5.3E-01	5.3E-01	7.4E-03	7.4E-03
Acute	Aboriginal Community	10	Burrard Inlet 3	PM2.5	24-h Max	5.3E-01	5.3E-01	5.3E-01	7.5E-03	7.5E-03
Acute	Recreational Area	11	Burrard Inlet Conservation Area	PM2.5	24-h Max	5.5E-01	5.6E-01	5.6E-01	2.9E-02	2.9E-02
Acute	Urban Community	12	Capital Hill	PM2.5	24-h Max	5.5E-01	5.6E-01	5.6E-01	2.2E-02	2.2E-02
Acute	Recreational Area	13	Cates Park	PM2.5	24-h Max	5.3E-01	5.3E-01	5.3E-01	9.7E-03	9.7E-03
Acute	Urban Community	14	Coombe	PM2.5	24-h Max	5.2E-01	5.2E-01	5.2E-01	5.0E-03	5.0E-03
Acute	Urban Community	15	Coquitlam	PM2.5	24-h Max	5.2E-01	5.3E-01	5.3E-01	5.2E-03	5.2E-03
Acute	Urban Community	16	Cove Cliff	PM2.5	24-h Max	5.2E-01	5.3E-01	5.2E-01	5.8E-03	5.8E-03
Acute	Assisted-Living Complex	17	Dania Manor	PM2.5	24-h Max	5.1E-01	5.2E-01	5.2E-01	7.3E-03	7.3E-03
Acute	Urban Community	18	Deep Cove	PM2.5	24-h Max	5.2E-01	5.2E-01	5.2E-01	4.4E-03	4.4E-03
Acute	Urban Community	19	Dollarton	PM2.5	24-h Max	5.3E-01	5.3E-01	5.3E-01	8.0E-03	8.0E-03
Acute	Urban Community	20	Douglas Gilpin	PM2.5	24-h Max	5.2E-01	5.2E-01	5.2E-01	8.4E-03	8.4E-03
Acute	Recreational Area	21	Duthie Union Park	PM2.5	24-h Max	5.6E-01	5.6E-01	5.6E-01	1.0E-02	1.0E-02
Acute	School	22	École Capitol Hill Elementary School	PM2.5	24-h Max	5.4E-01	5.5E-01	5.5E-01	1.6E-02	1.6E-02
Acute	School	23	École Westridge Elementary School	PM2.5	24-h Max	5.4E-01	5.5E-01	5.5E-01	1.1E-02	1.1E-02
Acute	School	24	Forest Grove Elementary School	PM2.5	24-h Max	5.3E-01	5.3E-01	5.3E-01	6.2E-03	6.2E-03
Acute	Urban Community	25	Government Road	PM2.5	24-h Max	5.2E-01	5.2E-01	5.2E-01	7.4E-03	7.4E-03
Acute	Recreational Area	26	Kensington Pitch & Putt	PM2.5	24-h Max	5.3E-01	5.4E-01	5.4E-01	1.6E-02	1.6E-02
Acute	Urban Community	27	Lake City	PM2.5	24-h Max	5.2E-01	5.3E-01	5.3E-01	6.9E-03	6.9E-03
Acute	Urban Community	28	Lochdale	PM2.5	24-h Max	5.6E-01	5.6E-01	5.6E-01	1.0E-02	1.0E-02
Acute	School	29	Lochdale Community School	PM2.5	24-h Max	5.3E-01	5.3E-01	5.3E-01	1.1E-02	1.1E-02
Acute	Urban Community	30	Lyndhurst	PM2.5	24-h Max	5.2E-01	5.2E-01	5.2E-01	5.4E-03	5.4E-03
Acute	School	31	Montecito Elementary School	PM2.5	24-h Max	5.2E-01	5.2E-01	5.2E-01	7.9E-03	7.9E-03
Acute	Recreational Area	32	Mount Seymour Provincial Park	PM2.5	24-h Max	5.2E-01	5.3E-01	5.3E-01	7.6E-03	7.6E-03
Acute	Recreational Area	33	Northlands Golf Course	PM2.5	24-h Max	5.2E-01	5.2E-01	5.2E-01	7.3E-03	7.3E-03
Acute	Urban Community	34	Parkcrest Aubrey	PM2.5	24-h Max	5.5E-01	5.6E-01	5.6E-01	2.1E-02	2.1E-02
Acute	Urban Community	35	Port Moody	PM2.5	24-h Max	5.3E-01	5.4E-01	5.4E-01	7.1E-03	7.1E-03
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	PM2.5	24-h Max	5.3E-01	5.4E-01	5.4E-01	1.5E-02	1.5E-02
Acute	Aboriginal Community	37	Seymour Creek 2	PM2.5	24-h Max	5.2E-01	5.3E-01	5.3E-01	1.2E-02	1.2E-02
Acute	Recreational Area	38	Seymour Golf & Country Club	PM2.5	24-h Max	5.4E-01	5.4E-01	5.4E-01	7.6E-03	7.6E-03

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Urban Community	39	Seymour Heights	PM2.5	24-h Max	5.2E-01	5.2E-01	5.2E-01	8.3E-03	8.3E-03
Acute	School	40	Seymour Heights Elementary School	PM2.5	24-h Max	5.2E-01	5.3E-01	5.3E-01	8.7E-03	8.7E-03
Acute	School	41	Sherwood Park Elementary School	PM2.5	24-h Max	5.4E-01	5.4E-01	5.4E-01	7.3E-03	7.3E-03
Acute	Urban Community	42	Simon Fraser University	PM2.5	24-h Max	6.6E-01	6.8E-01	6.8E-01	2.1E-02	2.1E-02
Acute	Urban Community	43	Sperling Broadway	PM2.5	24-h Max	5.3E-01	5.3E-01	5.3E-01	9.2E-03	9.2E-03
Acute	Recreational Area	44	Takaya Golf Course	PM2.5	24-h Max	5.2E-01	5.2E-01	5.2E-01	8.1E-03	8.1E-03
Acute	School	45	University Highlands Elementary	PM2.5	24-h Max	6.5E-01	6.6E-01	6.6E-01	9.3E-03	9.3E-03
Acute	Urban Community	46	Westridge	PM2.5	24-h Max	6.0E-01	6.1E-01	6.1E-01	1.1E-02	1.1E-02
Acute	Residence	47	Westridge 1	PM2.5	24-h Max	5.7E-01	5.8E-01	5.8E-01	1.5E-02	1.5E-02
Acute	Residence	48	Westridge 2	PM2.5	24-h Max	6.0E-01	6.1E-01	6.1E-01	1.3E-02	1.3E-02
Acute	Residence	49	Westridge 3	PM2.5	24-h Max	6.3E-01	6.5E-01	6.5E-01	2.0E-02	2.0E-02
Acute	Recreational Area	50	Westridge Park	PM2.5	24-h Max	5.6E-01	5.7E-01	5.7E-01	1.0E-02	1.0E-02
Acute	Urban Community	51	Willingdon Heights	PM2.5	24-h Max	5.2E-01	5.3E-01	5.3E-01	1.5E-02	1.5E-02
Acute	Urban Community	52	Windsor Park	PM2.5	24-h Max	5.2E-01	5.2E-01	5.2E-01	7.9E-03	7.9E-03
Acute	MPOI	MPOI	MPOI	PM2.5	24-h Max	7.8E-01	7.8E-01	7.8E-01	1.3E-01	1.3E-01
Acute	Recreational Area	1	Barnet Marine Park	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	2.2E-04	2.2E-04
Acute	Urban Community	2	Belcarra	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	1.6E-04	1.6E-04
Acute	Recreational Area	3	Belcarra Regional Park	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	2.5E-04	2.5E-04
Acute	Urban Community	4	Brentwood	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	4.8E-04	4.8E-04
Acute	Urban Community	5	Burnaby Heights	CO	8-h Max	5.5E-02	5.6E-02	5.6E-02	6.5E-04	6.5E-04
Acute	Recreational Area	6	Burnaby Lake	CO	8-h Max	5.4E-02	5.5E-02	5.5E-02	1.4E-04	1.4E-04
Acute	Recreational Area	7	Burnaby Lake Regional Nature Park	CO	8-h Max	5.4E-02	5.5E-02	5.5E-02	1.8E-04	1.8E-04
Acute	Recreational Area	8	Burnaby Mountain Conservation Area	CO	8-h Max	5.5E-02	5.6E-02	5.6E-02	6.1E-04	6.1E-04
Acute	Recreational Area	9	Burnaby Mountain Golf Course & Driving Range	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	2.4E-04	2.4E-04
Acute	Aboriginal Community	10	Burrard Inlet 3	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	2.9E-04	2.9E-04
Acute	Recreational Area	11	Burrard Inlet Conservation Area	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	6.2E-04	6.2E-04
Acute	Urban Community	12	Capital Hill	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	6.1E-04	6.1E-04
Acute	Recreational Area	13	Cates Park	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	2.6E-04	2.6E-04
Acute	Urban Community	14	Coombe	CO	8-h Max	5.4E-02	5.5E-02	5.5E-02	1.3E-04	1.3E-04
Acute	Urban Community	15	Coquitlam	CO	8-h Max	5.4E-02	5.5E-02	5.5E-02	1.7E-04	1.7E-04
Acute	Urban Community	16	Cove Cliff	CO	8-h Max	5.4E-02	5.5E-02	5.5E-02	2.4E-04	2.4E-04
Acute	Assisted-Living Complex	17	Dania Manor	CO	8-h Max	5.4E-02	5.5E-02	5.5E-02	1.6E-04	1.6E-04
Acute	Urban Community	18	Deep Cove	CO	8-h Max	5.4E-02	5.5E-02	5.5E-02	1.7E-04	1.7E-04
Acute	Urban Community	19	Dollarton	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	2.2E-04	2.2E-04
Acute	Urban Community	20	Douglas Gilpin	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	1.9E-04	1.9E-04

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Acute	Recreational Area	21	Duthie Union Park	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	3.4E-04	3.4E-04
Acute	School	22	École Capitol Hill Elementary School	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	5.2E-04	5.2E-04
Acute	School	23	École Westridge Elementary School	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	3.2E-04	3.2E-04
Acute	School	24	Forest Grove Elementary School	CO	8-h Max	5.4E-02	5.5E-02	5.5E-02	2.0E-04	2.0E-04
Acute	Urban Community	25	Government Road	CO	8-h Max	5.4E-02	5.5E-02	5.5E-02	1.7E-04	1.7E-04
Acute	Recreational Area	26	Kensington Pitch & Putt	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	4.4E-04	4.4E-04
Acute	Urban Community	27	Lake City	CO	8-h Max	5.4E-02	5.5E-02	5.5E-02	2.2E-04	2.2E-04
Acute	Urban Community	28	Lochdale	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	3.2E-04	3.2E-04
Acute	School	29	Lochdale Community School	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	3.1E-04	3.1E-04
Acute	Urban Community	30	Lyndhurst	CO	8-h Max	5.4E-02	5.5E-02	5.5E-02	1.7E-04	1.7E-04
Acute	School	31	Montecito Elementary School	CO	8-h Max	5.4E-02	5.5E-02	5.5E-02	2.1E-04	2.1E-04
Acute	Recreational Area	32	Mount Seymour Provincial Park	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	3.2E-04	3.2E-04
Acute	Recreational Area	33	Northlands Golf Course	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	3.2E-04	3.2E-04
Acute	Urban Community	34	Parkcrest Aubrey	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	5.1E-04	5.1E-04
Acute	Urban Community	35	Port Moody	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	2.6E-04	2.6E-04
Acute	Assisted-Living Complex	36	Seton Villa Retirement Centre	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	3.9E-04	3.9E-04
Acute	Aboriginal Community	37	Seymour Creek 2	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	4.3E-04	4.3E-04
Acute	Recreational Area	38	Seymour Golf & Country Club	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	3.5E-04	3.5E-04
Acute	Urban Community	39	Seymour Heights	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	3.1E-04	3.1E-04
Acute	School	40	Seymour Heights Elementary School	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	2.7E-04	2.7E-04
Acute	School	41	Sherwood Park Elementary School	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	2.9E-04	2.9E-04
Acute	Urban Community	42	Simon Fraser University	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	3.6E-04	3.6E-04
Acute	Urban Community	43	Sperling Broadway	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	2.4E-04	2.4E-04
Acute	Recreational Area	44	Takaya Golf Course	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	3.8E-04	3.8E-04
Acute	School	45	University Highlands Elementary	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	3.0E-04	3.0E-04
Acute	Urban Community	46	Westridge	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	4.1E-04	4.1E-04
Acute	Residence	47	Westridge 1	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	4.6E-04	4.6E-04
Acute	Residence	48	Westridge 2	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	3.3E-04	3.3E-04
Acute	Residence	49	Westridge 3	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	3.6E-04	3.6E-04
Acute	Recreational Area	50	Westridge Park	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	2.6E-04	2.6E-04
Acute	Urban Community	51	Willingdon Heights	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	5.0E-04	5.0E-04
Acute	Urban Community	52	Windsor Park	CO	8-h Max	5.5E-02	5.5E-02	5.5E-02	3.5E-04	3.5E-04
Acute	MPOI	MPOI	MPOI	CO	8-h Max	5.6E-02	5.7E-02	5.7E-02	1.6E-03	1.6E-03
Acute	MPOI	MPOI	MPOI	NO2	Max daily 1-h 98th p.	1.0E+00	1.0E+00	1.0E+00	4.2E-01	4.2E-01
Acute	MPOI	MPOI	MPOI	SO2	Max daily 1-h 99th p.	3.2E-01	3.2E-01	3.2E-01	3.4E-02	3.4E-02



Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	2	Belcarra	Acetaldehyde	Annual	4.2E-07	2.9E-06	2.9E-06	2.5E-06	2.5E-06
Chronic	Urban Community	4	Brentwood	Acetaldehyde	Annual	1.0E-06	6.8E-06	6.9E-06	5.8E-06	5.8E-06
Chronic	Urban Community	5	Burnaby Heights	Acetaldehyde	Annual	1.4E-06	9.2E-06	9.2E-06	7.8E-06	7.9E-06
Chronic	Aboriginal Community	10	Burrard Inlet 3	Acetaldehyde	Annual	8.5E-07	6.2E-06	6.2E-06	5.4E-06	5.4E-06
Chronic	Urban Community	12	Capital Hill	Acetaldehyde	Annual	1.5E-06	1.1E-05	1.1E-05	9.4E-06	9.4E-06
Chronic	Urban Community	14	Coombe	Acetaldehyde	Annual	2.8E-07	1.8E-06	1.8E-06	1.5E-06	1.6E-06
Chronic	Urban Community	15	Coquitlam	Acetaldehyde	Annual	2.0E-07	1.0E-06	1.0E-06	8.0E-07	8.2E-07
Chronic	Urban Community	16	Cove Cliff	Acetaldehyde	Annual	5.4E-07	3.7E-06	3.7E-06	3.2E-06	3.2E-06
Chronic	Assisted-Living Complex	17	Dania Manor	Acetaldehyde	Annual	2.0E-07	9.8E-07	1.0E-06	7.8E-07	8.0E-07
Chronic	Urban Community	18	Deep Cove	Acetaldehyde	Annual	3.0E-07	1.9E-06	1.9E-06	1.6E-06	1.6E-06
Chronic	Urban Community	19	Dollarton	Acetaldehyde	Annual	9.1E-07	6.5E-06	6.6E-06	5.6E-06	5.6E-06
Chronic	Urban Community	20	Douglas Gilpin	Acetaldehyde	Annual	2.6E-07	1.3E-06	1.4E-06	1.1E-06	1.1E-06
Chronic	School	22	École Capitol Hill Elementary School	Acetaldehyde	Annual	1.2E-06	8.2E-06	8.2E-06	7.0E-06	7.0E-06
Chronic	School	23	École Westridge Elementary School	Acetaldehyde	Annual	5.7E-07	3.2E-06	3.2E-06	2.6E-06	2.6E-06
Chronic	School	24	Forest Grove Elementary School	Acetaldehyde	Annual	2.2E-07	1.1E-06	1.2E-06	9.2E-07	9.4E-07
Chronic	Urban Community	25	Government Road	Acetaldehyde	Annual	2.0E-07	1.0E-06	1.1E-06	8.5E-07	8.6E-07
Chronic	Urban Community	27	Lake City	Acetaldehyde	Annual	2.5E-07	1.2E-06	1.3E-06	1.0E-06	1.0E-06
Chronic	Urban Community	28	Lochdale	Acetaldehyde	Annual	4.7E-07	2.8E-06	2.8E-06	2.3E-06	2.4E-06
Chronic	School	29	Lochdale Community School	Acetaldehyde	Annual	3.9E-07	2.3E-06	2.3E-06	1.9E-06	1.9E-06
Chronic	Urban Community	30	Lyndhurst	Acetaldehyde	Annual	1.8E-07	8.9E-07	9.1E-07	7.1E-07	7.3E-07
Chronic	School	31	Montecito Elementary School	Acetaldehyde	Annual	2.5E-07	1.3E-06	1.3E-06	1.0E-06	1.1E-06
Chronic	Urban Community	34	Parkcrest Aubrey	Acetaldehyde	Annual	9.8E-07	7.0E-06	7.0E-06	6.0E-06	6.0E-06
Chronic	Urban Community	35	Port Moody	Acetaldehyde	Annual	2.5E-07	1.3E-06	1.3E-06	1.1E-06	1.1E-06
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Acetaldehyde	Annual	1.2E-06	7.7E-06	7.7E-06	6.5E-06	6.5E-06
Chronic	Aboriginal Community	37	Seymour Creek 2	Acetaldehyde	Annual	1.1E-06	7.4E-06	7.4E-06	6.2E-06	6.3E-06
Chronic	Urban Community	39	Seymour Heights	Acetaldehyde	Annual	5.4E-07	3.7E-06	3.8E-06	3.2E-06	3.2E-06
Chronic	School	40	Seymour Heights Elementary School	Acetaldehyde	Annual	4.8E-07	3.2E-06	3.2E-06	2.7E-06	2.7E-06
Chronic	School	41	Sherwood Park Elementary School	Acetaldehyde	Annual	8.6E-07	6.3E-06	6.3E-06	5.4E-06	5.4E-06
Chronic	Urban Community	42	Simon Fraser University	Acetaldehyde	Annual	4.3E-07	2.4E-06	2.5E-06	2.0E-06	2.0E-06
Chronic	Urban Community	43	Sperling Broadway	Acetaldehyde	Annual	2.8E-07	1.5E-06	1.5E-06	1.2E-06	1.2E-06
Chronic	School	45	University Highlands Elementary	Acetaldehyde	Annual	3.4E-07	1.9E-06	1.9E-06	1.5E-06	1.6E-06
Chronic	Urban Community	46	Westridge	Acetaldehyde	Annual	6.0E-07	3.5E-06	3.5E-06	2.9E-06	2.9E-06
Chronic	Residence	47	Westridge 1	Acetaldehyde	Annual	1.3E-06	5.8E-06	5.8E-06	4.5E-06	4.5E-06
Chronic	Residence	48	Westridge 2	Acetaldehyde	Annual	9.9E-07	4.6E-06	4.6E-06	3.6E-06	3.6E-06
Chronic	Residence	49	Westridge 3	Acetaldehyde	Annual	8.5E-07	4.6E-06	4.6E-06	3.8E-06	3.8E-06

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	51	Willingdon Heights	Acetaldehyde	Annual	9.3E-07	6.3E-06	6.4E-06	5.4E-06	5.4E-06
Chronic	Urban Community	52	Windsor Park	Acetaldehyde	Annual	5.9E-07	4.2E-06	4.2E-06	3.6E-06	3.6E-06
Chronic	Urban Community	2	Belcarra	Acetaldehyde_Cancer	Annual	9.5E-06	6.6E-05	6.7E-05	5.7E-05	5.7E-05
Chronic	Urban Community	4	Brentwood	Acetaldehyde_Cancer	Annual	2.4E-05	1.5E-04	1.6E-04	1.3E-04	1.3E-04
Chronic	Urban Community	5	Burnaby Heights	Acetaldehyde_Cancer	Annual	3.1E-05	2.1E-04	2.1E-04	1.8E-04	1.8E-04
Chronic	Aboriginal Community	10	Burrard Inlet 3	Acetaldehyde_Cancer	Annual	1.9E-05	1.4E-04	1.4E-04	1.2E-04	1.2E-04
Chronic	Urban Community	12	Capital Hill	Acetaldehyde_Cancer	Annual	3.3E-05	2.5E-04	2.5E-04	2.1E-04	2.1E-04
Chronic	Urban Community	14	Coombe	Acetaldehyde_Cancer	Annual	6.3E-06	4.1E-05	4.2E-05	3.5E-05	3.5E-05
Chronic	Urban Community	15	Coquitlam	Acetaldehyde_Cancer	Annual	4.4E-06	2.3E-05	2.3E-05	1.8E-05	1.9E-05
Chronic	Urban Community	16	Cove Cliff	Acetaldehyde_Cancer	Annual	1.2E-05	8.4E-05	8.4E-05	7.2E-05	7.2E-05
Chronic	Assisted-Living Complex	17	Dania Manor	Acetaldehyde_Cancer	Annual	4.6E-06	2.2E-05	2.3E-05	1.8E-05	1.8E-05
Chronic	Urban Community	18	Deep Cove	Acetaldehyde_Cancer	Annual	6.7E-06	4.4E-05	4.4E-05	3.7E-05	3.7E-05
Chronic	Urban Community	19	Dollarton	Acetaldehyde_Cancer	Annual	2.1E-05	1.5E-04	1.5E-04	1.3E-04	1.3E-04
Chronic	Urban Community	20	Douglas Gilpin	Acetaldehyde_Cancer	Annual	5.8E-06	3.0E-05	3.1E-05	2.4E-05	2.5E-05
Chronic	School	22	École Capitol Hill Elementary School	Acetaldehyde_Cancer	Annual	2.7E-05	1.9E-04	1.9E-04	1.6E-04	1.6E-04
Chronic	School	23	École Westridge Elementary School	Acetaldehyde_Cancer	Annual	1.3E-05	7.2E-05	7.2E-05	5.9E-05	5.9E-05
Chronic	School	24	Forest Grove Elementary School	Acetaldehyde_Cancer	Annual	5.1E-06	2.6E-05	2.6E-05	2.1E-05	2.1E-05
Chronic	Urban Community	25	Government Road	Acetaldehyde_Cancer	Annual	4.6E-06	2.4E-05	2.4E-05	1.9E-05	2.0E-05
Chronic	Urban Community	27	Lake City	Acetaldehyde_Cancer	Annual	5.6E-06	2.8E-05	2.9E-05	2.3E-05	2.3E-05
Chronic	Urban Community	28	Lochdale	Acetaldehyde_Cancer	Annual	1.1E-05	6.4E-05	6.4E-05	5.3E-05	5.4E-05
Chronic	School	29	Lochdale Community School	Acetaldehyde_Cancer	Annual	8.8E-06	5.2E-05	5.2E-05	4.3E-05	4.4E-05
Chronic	Urban Community	30	Lyndhurst	Acetaldehyde_Cancer	Annual	4.1E-06	2.0E-05	2.1E-05	1.6E-05	1.7E-05
Chronic	School	31	Montecito Elementary School	Acetaldehyde_Cancer	Annual	5.6E-06	2.9E-05	3.0E-05	2.4E-05	2.4E-05
Chronic	Urban Community	34	Parkcrest Aubrey	Acetaldehyde_Cancer	Annual	2.2E-05	1.6E-04	1.6E-04	1.4E-04	1.4E-04
Chronic	Urban Community	35	Port Moody	Acetaldehyde_Cancer	Annual	5.6E-06	3.0E-05	3.1E-05	2.4E-05	2.5E-05
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Acetaldehyde_Cancer	Annual	2.7E-05	1.7E-04	1.8E-04	1.5E-04	1.5E-04
Chronic	Aboriginal Community	37	Seymour Creek 2	Acetaldehyde_Cancer	Annual	2.5E-05	1.7E-04	1.7E-04	1.4E-04	1.4E-04
Chronic	Urban Community	39	Seymour Heights	Acetaldehyde_Cancer	Annual	1.2E-05	8.5E-05	8.5E-05	7.3E-05	7.3E-05
Chronic	School	40	Seymour Heights Elementary School	Acetaldehyde_Cancer	Annual	1.1E-05	7.2E-05	7.3E-05	6.1E-05	6.2E-05
Chronic	School	41	Sherwood Park Elementary School	Acetaldehyde_Cancer	Annual	1.9E-05	1.4E-04	1.4E-04	1.2E-04	1.2E-04
Chronic	Urban Community	42	Simon Fraser University	Acetaldehyde_Cancer	Annual	9.7E-06	5.5E-05	5.6E-05	4.5E-05	4.6E-05
Chronic	Urban Community	43	Sperling Broadway	Acetaldehyde_Cancer	Annual	6.3E-06	3.4E-05	3.4E-05	2.8E-05	2.8E-05
Chronic	School	45	University Highlands Elementary	Acetaldehyde_Cancer	Annual	7.6E-06	4.2E-05	4.3E-05	3.5E-05	3.5E-05
Chronic	Urban Community	46	Westridge	Acetaldehyde_Cancer	Annual	1.4E-05	7.9E-05	8.0E-05	6.6E-05	6.6E-05
Chronic	Residence	47	Westridge 1	Acetaldehyde_Cancer	Annual	2.9E-05	1.3E-04	1.3E-04	1.0E-04	1.0E-04

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Residence	48	Westridge 2	Acetaldehyde_Cancer	Annual	2.2E-05	1.0E-04	1.0E-04	8.1E-05	8.2E-05
Chronic	Residence	49	Westridge 3	Acetaldehyde_Cancer	Annual	1.9E-05	1.0E-04	1.1E-04	8.5E-05	8.6E-05
Chronic	Urban Community	51	Willingdon Heights	Acetaldehyde_Cancer	Annual	2.1E-05	1.4E-04	1.4E-04	1.2E-04	1.2E-04
Chronic	Urban Community	52	Windsor Park	Acetaldehyde_Cancer	Annual	1.3E-05	9.5E-05	9.6E-05	8.2E-05	8.2E-05
Chronic	Urban Community	2	Belcarra	Acrolein	Annual	2.2E-05	1.5E-04	1.5E-04	1.3E-04	1.3E-04
Chronic	Urban Community	4	Brentwood	Acrolein	Annual	5.5E-05	3.6E-04	3.6E-04	3.0E-04	3.1E-04
Chronic	Urban Community	5	Burnaby Heights	Acrolein	Annual	7.2E-05	4.8E-04	4.9E-04	4.1E-04	4.1E-04
Chronic	Aboriginal Community	10	Burrard Inlet 3	Acrolein	Annual	4.5E-05	3.3E-04	3.3E-04	2.8E-04	2.8E-04
Chronic	Urban Community	12	Capital Hill	Acrolein	Annual	7.7E-05	5.7E-04	5.7E-04	4.9E-04	5.0E-04
Chronic	Urban Community	14	Coombe	Acrolein	Annual	1.5E-05	9.6E-05	9.7E-05	8.1E-05	8.2E-05
Chronic	Urban Community	15	Coquitlam	Acrolein	Annual	1.0E-05	5.3E-05	5.4E-05	4.2E-05	4.3E-05
Chronic	Urban Community	16	Cove Cliff	Acrolein	Annual	2.8E-05	1.9E-04	2.0E-04	1.7E-04	1.7E-04
Chronic	Assisted-Living Complex	17	Dania Manor	Acrolein	Annual	1.1E-05	5.2E-05	5.3E-05	4.1E-05	4.2E-05
Chronic	Urban Community	18	Deep Cove	Acrolein	Annual	1.6E-05	1.0E-04	1.0E-04	8.6E-05	8.6E-05
Chronic	Urban Community	19	Dollarton	Acrolein	Annual	4.8E-05	3.4E-04	3.5E-04	3.0E-04	3.0E-04
Chronic	Urban Community	20	Douglas Gilpin	Acrolein	Annual	1.3E-05	7.0E-05	7.1E-05	5.7E-05	5.8E-05
Chronic	School	22	École Capitol Hill Elementary School	Acrolein	Annual	6.3E-05	4.3E-04	4.3E-04	3.7E-04	3.7E-04
Chronic	School	23	École Westridge Elementary School	Acrolein	Annual	3.0E-05	1.7E-04	1.7E-04	1.4E-04	1.4E-04
Chronic	School	24	Forest Grove Elementary School	Acrolein	Annual	1.2E-05	6.0E-05	6.1E-05	4.8E-05	4.9E-05
Chronic	Urban Community	25	Government Road	Acrolein	Annual	1.1E-05	5.5E-05	5.6E-05	4.4E-05	4.5E-05
Chronic	Urban Community	27	Lake City	Acrolein	Annual	1.3E-05	6.5E-05	6.7E-05	5.3E-05	5.4E-05
Chronic	Urban Community	28	Lochdale	Acrolein	Annual	2.5E-05	1.5E-04	1.5E-04	1.2E-04	1.2E-04
Chronic	School	29	Lochdale Community School	Acrolein	Annual	2.0E-05	1.2E-04	1.2E-04	1.0E-04	1.0E-04
Chronic	Urban Community	30	Lyndhurst	Acrolein	Annual	9.5E-06	4.7E-05	4.8E-05	3.7E-05	3.8E-05
Chronic	School	31	Montecito Elementary School	Acrolein	Annual	1.3E-05	6.8E-05	6.9E-05	5.5E-05	5.6E-05
Chronic	Urban Community	34	Parkcrest Aubrey	Acrolein	Annual	5.2E-05	3.7E-04	3.7E-04	3.2E-04	3.2E-04
Chronic	Urban Community	35	Port Moody	Acrolein	Annual	1.3E-05	7.0E-05	7.1E-05	5.7E-05	5.8E-05
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Acrolein	Annual	6.2E-05	4.0E-04	4.1E-04	3.4E-04	3.4E-04
Chronic	Aboriginal Community	37	Seymour Creek 2	Acrolein	Annual	5.8E-05	3.9E-04	3.9E-04	3.3E-04	3.3E-04
Chronic	Urban Community	39	Seymour Heights	Acrolein	Annual	2.8E-05	2.0E-04	2.0E-04	1.7E-04	1.7E-04
Chronic	School	40	Seymour Heights Elementary School	Acrolein	Annual	2.5E-05	1.7E-04	1.7E-04	1.4E-04	1.4E-04
Chronic	School	41	Sherwood Park Elementary School	Acrolein	Annual	4.5E-05	3.3E-04	3.3E-04	2.8E-04	2.9E-04
Chronic	Urban Community	42	Simon Fraser University	Acrolein	Annual	2.2E-05	1.3E-04	1.3E-04	1.1E-04	1.1E-04
Chronic	Urban Community	43	Sperling Broadway	Acrolein	Annual	1.5E-05	7.9E-05	8.0E-05	6.4E-05	6.5E-05
Chronic	School	45	University Highlands Elementary	Acrolein	Annual	1.8E-05	9.9E-05	1.0E-04	8.1E-05	8.2E-05

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	46	Westridge	Acrolein	Annual	3.2E-05	1.8E-04	1.9E-04	1.5E-04	1.5E-04
Chronic	Residence	47	Westridge 1	Acrolein	Annual	6.7E-05	3.1E-04	3.1E-04	2.4E-04	2.4E-04
Chronic	Residence	48	Westridge 2	Acrolein	Annual	5.2E-05	2.4E-04	2.4E-04	1.9E-04	1.9E-04
Chronic	Residence	49	Westridge 3	Acrolein	Annual	4.5E-05	2.4E-04	2.4E-04	2.0E-04	2.0E-04
Chronic	Urban Community	51	Willingdon Heights	Acrolein	Annual	4.9E-05	3.3E-04	3.3E-04	2.8E-04	2.9E-04
Chronic	Urban Community	52	Windsor Park	Acrolein	Annual	3.1E-05	2.2E-04	2.2E-04	1.9E-04	1.9E-04
Chronic	Urban Community	2	Belcarra	Aliphatic C1-C4	Annual	2.8E-03	3.2E-03	3.2E-03	3.6E-04	3.6E-04
Chronic	Urban Community	4	Brentwood	Aliphatic C1-C4	Annual	2.8E-03	2.9E-03	2.9E-03	9.7E-05	9.7E-05
Chronic	Urban Community	5	Burnaby Heights	Aliphatic C1-C4	Annual	2.8E-03	2.9E-03	2.9E-03	1.0E-04	1.0E-04
Chronic	Aboriginal Community	10	Burrard Inlet 3	Aliphatic C1-C4	Annual	2.8E-03	3.3E-03	3.3E-03	4.4E-04	4.4E-04
Chronic	Urban Community	12	Capital Hill	Aliphatic C1-C4	Annual	2.8E-03	3.2E-03	3.2E-03	3.6E-04	3.6E-04
Chronic	Urban Community	14	Coombe	Aliphatic C1-C4	Annual	2.8E-03	2.9E-03	2.9E-03	1.0E-04	1.0E-04
Chronic	Urban Community	15	Coquitlam	Aliphatic C1-C4	Annual	2.8E-03	2.8E-03	2.8E-03	-6.7E-06	-6.7E-06
Chronic	Urban Community	16	Cove Cliff	Aliphatic C1-C4	Annual	2.8E-03	3.0E-03	3.0E-03	2.4E-04	2.4E-04
Chronic	Assisted-Living Complex	17	Dania Manor	Aliphatic C1-C4	Annual	2.8E-03	2.8E-03	2.8E-03	-1.6E-06	-1.6E-06
Chronic	Urban Community	18	Deep Cove	Aliphatic C1-C4	Annual	2.8E-03	2.8E-03	2.8E-03	6.0E-05	6.0E-05
Chronic	Urban Community	19	Dollarton	Aliphatic C1-C4	Annual	2.9E-03	3.5E-03	3.5E-03	6.6E-04	6.6E-04
Chronic	Urban Community	20	Douglas Gilpin	Aliphatic C1-C4	Annual	2.8E-03	2.8E-03	2.8E-03	-2.1E-06	-2.1E-06
Chronic	School	22	École Capitol Hill Elementary School	Aliphatic C1-C4	Annual	2.8E-03	3.0E-03	3.0E-03	1.7E-04	1.7E-04
Chronic	School	23	École Westridge Elementary School	Aliphatic C1-C4	Annual	2.8E-03	2.9E-03	2.9E-03	7.6E-05	7.6E-05
Chronic	School	24	Forest Grove Elementary School	Aliphatic C1-C4	Annual	2.9E-03	2.8E-03	2.8E-03	-6.5E-05	-6.5E-05
Chronic	Urban Community	25	Government Road	Aliphatic C1-C4	Annual	2.8E-03	2.8E-03	2.8E-03	-4.4E-06	-4.4E-06
Chronic	Urban Community	27	Lake City	Aliphatic C1-C4	Annual	3.0E-03	2.9E-03	2.9E-03	-7.4E-05	-7.4E-05
Chronic	Urban Community	28	Lochdale	Aliphatic C1-C4	Annual	3.0E-03	2.9E-03	2.9E-03	7.6E-05	7.6E-05
Chronic	School	29	Lochdale Community School	Aliphatic C1-C4	Annual	2.8E-03	2.8E-03	2.8E-03	1.1E-05	1.1E-05
Chronic	Urban Community	30	Lyndhurst	Aliphatic C1-C4	Annual	2.8E-03	2.8E-03	2.8E-03	-7.1E-06	-7.1E-06
Chronic	School	31	Montecito Elementary School	Aliphatic C1-C4	Annual	2.9E-03	2.8E-03	2.8E-03	-1.9E-05	-1.9E-05
Chronic	Urban Community	34	Parkcrest Aubrey	Aliphatic C1-C4	Annual	2.8E-03	2.9E-03	2.9E-03	1.2E-04	1.2E-04
Chronic	Urban Community	35	Port Moody	Aliphatic C1-C4	Annual	2.8E-03	2.8E-03	2.8E-03	-5.7E-07	-5.7E-07
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Aliphatic C1-C4	Annual	2.8E-03	2.9E-03	2.9E-03	8.5E-05	8.5E-05
Chronic	Aboriginal Community	37	Seymour Creek 2	Aliphatic C1-C4	Annual	2.8E-03	2.9E-03	2.9E-03	1.0E-04	1.0E-04
Chronic	Urban Community	39	Seymour Heights	Aliphatic C1-C4	Annual	2.8E-03	2.9E-03	2.9E-03	1.1E-04	1.1E-04
Chronic	School	40	Seymour Heights Elementary School	Aliphatic C1-C4	Annual	2.8E-03	2.8E-03	2.8E-03	4.4E-05	4.4E-05
Chronic	School	41	Sherwood Park Elementary School	Aliphatic C1-C4	Annual	2.9E-03	3.3E-03	3.3E-03	5.1E-04	5.1E-04
Chronic	Urban Community	42	Simon Fraser University	Aliphatic C1-C4	Annual	2.8E-03	2.8E-03	2.8E-03	-5.2E-06	-5.2E-06

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	43	Sperling Broadway	Aliphatic C1-C4	Annual	2.9E-03	2.9E-03	2.9E-03	-8.6E-06	-8.6E-06
Chronic	School	45	University Highlands Elementary	Aliphatic C1-C4	Annual	2.8E-03	2.8E-03	2.8E-03	2.3E-07	2.3E-07
Chronic	Urban Community	46	Westridge	Aliphatic C1-C4	Annual	2.8E-03	3.0E-03	3.0E-03	1.5E-04	1.5E-04
Chronic	Residence	47	Westridge 1	Aliphatic C1-C4	Annual	2.8E-03	3.3E-03	3.3E-03	5.3E-04	5.3E-04
Chronic	Residence	48	Westridge 2	Aliphatic C1-C4	Annual	2.8E-03	3.2E-03	3.2E-03	3.9E-04	3.9E-04
Chronic	Residence	49	Westridge 3	Aliphatic C1-C4	Annual	2.8E-03	3.2E-03	3.2E-03	3.6E-04	3.6E-04
Chronic	Urban Community	51	Willingdon Heights	Aliphatic C1-C4	Annual	2.8E-03	2.9E-03	2.9E-03	7.2E-05	7.2E-05
Chronic	Urban Community	52	Windsor Park	Aliphatic C1-C4	Annual	2.8E-03	3.0E-03	3.0E-03	1.9E-04	1.9E-04
Chronic	Urban Community	2	Belcarra	Aliphatic C5-C8	Annual	7.7E-04	8.1E-04	8.1E-04	4.1E-05	4.1E-05
Chronic	Urban Community	4	Brentwood	Aliphatic C5-C8	Annual	7.7E-04	7.8E-04	7.8E-04	1.0E-05	1.0E-05
Chronic	Urban Community	5	Burnaby Heights	Aliphatic C5-C8	Annual	7.7E-04	7.8E-04	7.8E-04	1.2E-05	1.2E-05
Chronic	Aboriginal Community	10	Burrard Inlet 3	Aliphatic C5-C8	Annual	7.8E-04	8.2E-04	8.2E-04	5.0E-05	5.0E-05
Chronic	Urban Community	12	Capital Hill	Aliphatic C5-C8	Annual	7.8E-04	8.1E-04	8.1E-04	4.0E-05	4.0E-05
Chronic	Urban Community	14	Coombe	Aliphatic C5-C8	Annual	7.7E-04	7.8E-04	7.8E-04	1.2E-05	1.2E-05
Chronic	Urban Community	15	Coquitlam	Aliphatic C5-C8	Annual	7.7E-04	7.7E-04	7.7E-04	-1.5E-06	-1.5E-06
Chronic	Urban Community	16	Cove Cliff	Aliphatic C5-C8	Annual	7.7E-04	8.0E-04	8.0E-04	2.8E-05	2.8E-05
Chronic	Assisted-Living Complex	17	Dania Manor	Aliphatic C5-C8	Annual	7.7E-04	7.7E-04	7.7E-04	-2.8E-07	-2.8E-07
Chronic	Urban Community	18	Deep Cove	Aliphatic C5-C8	Annual	7.7E-04	7.8E-04	7.8E-04	6.8E-06	6.8E-06
Chronic	Urban Community	19	Dollarton	Aliphatic C5-C8	Annual	7.8E-04	8.5E-04	8.5E-04	7.6E-05	7.6E-05
Chronic	Urban Community	20	Douglas Gilpin	Aliphatic C5-C8	Annual	7.7E-04	7.7E-04	7.7E-04	-5.2E-07	-5.2E-07
Chronic	School	22	École Capitol Hill Elementary School	Aliphatic C5-C8	Annual	7.8E-04	7.9E-04	7.9E-04	1.8E-05	1.8E-05
Chronic	School	23	École Westridge Elementary School	Aliphatic C5-C8	Annual	7.8E-04	7.8E-04	7.8E-04	7.9E-06	7.9E-06
Chronic	School	24	Forest Grove Elementary School	Aliphatic C5-C8	Annual	7.9E-04	7.8E-04	7.8E-04	-1.3E-05	-1.3E-05
Chronic	Urban Community	25	Government Road	Aliphatic C5-C8	Annual	7.7E-04	7.7E-04	7.7E-04	-2.0E-07	-2.0E-07
Chronic	Urban Community	27	Lake City	Aliphatic C5-C8	Annual	8.2E-04	8.0E-04	8.0E-04	-2.0E-05	-2.0E-05
Chronic	Urban Community	28	Lochdale	Aliphatic C5-C8	Annual	8.0E-04	7.9E-04	7.9E-04	8.0E-06	8.0E-06
Chronic	School	29	Lochdale Community School	Aliphatic C5-C8	Annual	7.8E-04	7.8E-04	7.8E-04	-1.1E-07	-1.1E-07
Chronic	Urban Community	30	Lyndhurst	Aliphatic C5-C8	Annual	7.7E-04	7.7E-04	7.7E-04	-9.9E-07	-9.9E-07
Chronic	School	31	Montecito Elementary School	Aliphatic C5-C8	Annual	7.8E-04	7.8E-04	7.8E-04	-4.0E-06	-4.0E-06
Chronic	Urban Community	34	Parkcrest Aubrey	Aliphatic C5-C8	Annual	7.8E-04	7.9E-04	7.9E-04	1.3E-05	1.3E-05
Chronic	Urban Community	35	Port Moody	Aliphatic C5-C8	Annual	7.7E-04	7.7E-04	7.7E-04	-1.5E-06	-1.5E-06
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Aliphatic C5-C8	Annual	7.7E-04	7.8E-04	7.8E-04	8.8E-06	8.8E-06
Chronic	Aboriginal Community	37	Seymour Creek 2	Aliphatic C5-C8	Annual	7.7E-04	7.8E-04	7.8E-04	1.2E-05	1.2E-05
Chronic	Urban Community	39	Seymour Heights	Aliphatic C5-C8	Annual	7.7E-04	7.8E-04	7.8E-04	1.2E-05	1.2E-05
Chronic	School	40	Seymour Heights Elementary School	Aliphatic C5-C8	Annual	7.7E-04	7.7E-04	7.7E-04	4.8E-06	4.8E-06

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	School	41	Sherwood Park Elementary School	Aliphatic C5-C8	Annual	7.8E-04	8.3E-04	8.3E-04	5.8E-05	5.8E-05
Chronic	Urban Community	42	Simon Fraser University	Aliphatic C5-C8	Annual	7.8E-04	7.8E-04	7.8E-04	-2.4E-06	-2.4E-06
Chronic	Urban Community	43	Sperling Broadway	Aliphatic C5-C8	Annual	7.9E-04	7.8E-04	7.8E-04	-2.1E-06	-2.1E-06
Chronic	School	45	University Highlands Elementary	Aliphatic C5-C8	Annual	7.8E-04	7.7E-04	7.7E-04	-2.1E-06	-2.1E-06
Chronic	Urban Community	46	Westridge	Aliphatic C5-C8	Annual	7.8E-04	7.9E-04	7.9E-04	1.7E-05	1.7E-05
Chronic	Residence	47	Westridge 1	Aliphatic C5-C8	Annual	7.7E-04	8.3E-04	8.3E-04	5.9E-05	5.9E-05
Chronic	Residence	48	Westridge 2	Aliphatic C5-C8	Annual	7.8E-04	8.2E-04	8.2E-04	4.4E-05	4.4E-05
Chronic	Residence	49	Westridge 3	Aliphatic C5-C8	Annual	7.7E-04	8.1E-04	8.1E-04	4.1E-05	4.1E-05
Chronic	Urban Community	51	Willingdon Heights	Aliphatic C5-C8	Annual	7.7E-04	7.8E-04	7.8E-04	7.6E-06	7.6E-06
Chronic	Urban Community	52	Windsor Park	Aliphatic C5-C8	Annual	7.7E-04	7.9E-04	7.9E-04	2.2E-05	2.2E-05
Chronic	Urban Community	2	Belcarra	Aliphatic C9-C16	Annual	8.8E-04	9.2E-04	9.2E-04	4.8E-05	4.8E-05
Chronic	Urban Community	4	Brentwood	Aliphatic C9-C16	Annual	8.8E-04	8.9E-04	8.9E-04	1.4E-05	1.4E-05
Chronic	Urban Community	5	Burnaby Heights	Aliphatic C9-C16	Annual	8.9E-04	9.1E-04	9.1E-04	1.5E-05	1.5E-05
Chronic	Aboriginal Community	10	Burrard Inlet 3	Aliphatic C9-C16	Annual	9.2E-04	9.7E-04	9.7E-04	6.0E-05	6.0E-05
Chronic	Urban Community	12	Capital Hill	Aliphatic C9-C16	Annual	1.1E-03	1.1E-03	1.1E-03	4.9E-05	4.9E-05
Chronic	Urban Community	14	Coombe	Aliphatic C9-C16	Annual	8.5E-04	8.7E-04	8.7E-04	1.4E-05	1.4E-05
Chronic	Urban Community	15	Coquitlam	Aliphatic C9-C16	Annual	8.3E-04	8.3E-04	8.3E-04	-9.7E-07	-9.7E-07
Chronic	Urban Community	16	Cove Cliff	Aliphatic C9-C16	Annual	8.7E-04	9.0E-04	9.0E-04	3.3E-05	3.3E-05
Chronic	Assisted-Living Complex	17	Dania Manor	Aliphatic C9-C16	Annual	8.2E-04	8.3E-04	8.2E-04	-1.7E-07	-1.7E-07
Chronic	Urban Community	18	Deep Cove	Aliphatic C9-C16	Annual	8.4E-04	8.5E-04	8.5E-04	8.2E-06	8.2E-06
Chronic	Urban Community	19	Dollarton	Aliphatic C9-C16	Annual	9.7E-04	1.1E-03	1.1E-03	8.9E-05	8.9E-05
Chronic	Urban Community	20	Douglas Gilpin	Aliphatic C9-C16	Annual	8.3E-04	8.3E-04	8.3E-04	-2.6E-07	-2.6E-07
Chronic	School	22	École Capitol Hill Elementary School	Aliphatic C9-C16	Annual	9.1E-04	9.3E-04	9.3E-04	2.3E-05	2.3E-05
Chronic	School	23	École Westridge Elementary School	Aliphatic C9-C16	Annual	8.9E-04	9.0E-04	9.0E-04	1.0E-05	1.0E-05
Chronic	School	24	Forest Grove Elementary School	Aliphatic C9-C16	Annual	8.5E-04	8.4E-04	8.4E-04	-9.8E-06	-9.8E-06
Chronic	Urban Community	25	Government Road	Aliphatic C9-C16	Annual	8.3E-04	8.3E-04	8.3E-04	-5.6E-07	-5.6E-07
Chronic	Urban Community	27	Lake City	Aliphatic C9-C16	Annual	8.7E-04	8.6E-04	8.6E-04	-1.2E-05	-1.2E-05
Chronic	Urban Community	28	Lochdale	Aliphatic C9-C16	Annual	8.9E-04	9.0E-04	9.0E-04	1.0E-05	1.0E-05
Chronic	School	29	Lochdale Community School	Aliphatic C9-C16	Annual	8.6E-04	8.6E-04	8.6E-04	1.4E-06	1.4E-06
Chronic	Urban Community	30	Lyndhurst	Aliphatic C9-C16	Annual	8.3E-04	8.3E-04	8.3E-04	-9.9E-07	-9.9E-07
Chronic	School	31	Montecito Elementary School	Aliphatic C9-C16	Annual	8.4E-04	8.4E-04	8.4E-04	-2.8E-06	-2.8E-06
Chronic	Urban Community	34	Parkcrest Aubrey	Aliphatic C9-C16	Annual	9.0E-04	9.2E-04	9.1E-04	1.7E-05	1.7E-05
Chronic	Urban Community	35	Port Moody	Aliphatic C9-C16	Annual	8.3E-04	8.4E-04	8.3E-04	-1.5E-07	-1.5E-07
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Aliphatic C9-C16	Annual	8.8E-04	8.9E-04	8.9E-04	1.2E-05	1.2E-05
Chronic	Aboriginal Community	37	Seymour Creek 2	Aliphatic C9-C16	Annual	8.7E-04	8.8E-04	8.8E-04	1.5E-05	1.5E-05

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	39	Seymour Heights	Aliphatic C9-C16	Annual	8.5E-04	8.6E-04	8.6E-04	1.5E-05	1.5E-05
Chronic	School	40	Seymour Heights Elementary School	Aliphatic C9-C16	Annual	8.4E-04	8.5E-04	8.4E-04	6.4E-06	6.4E-06
Chronic	School	41	Sherwood Park Elementary School	Aliphatic C9-C16	Annual	9.1E-04	9.8E-04	9.7E-04	6.9E-05	6.9E-05
Chronic	Urban Community	42	Simon Fraser University	Aliphatic C9-C16	Annual	8.7E-04	8.7E-04	8.7E-04	-8.8E-07	-8.8E-07
Chronic	Urban Community	43	Sperling Broadway	Aliphatic C9-C16	Annual	8.5E-04	8.5E-04	8.5E-04	-1.3E-06	-1.3E-06
Chronic	School	45	University Highlands Elementary	Aliphatic C9-C16	Annual	8.5E-04	8.5E-04	8.5E-04	-8.1E-08	-8.1E-08
Chronic	Urban Community	46	Westridge	Aliphatic C9-C16	Annual	9.7E-04	9.9E-04	9.9E-04	2.0E-05	2.0E-05
Chronic	Residence	47	Westridge 1	Aliphatic C9-C16	Annual	1.5E-03	1.6E-03	1.6E-03	7.2E-05	7.2E-05
Chronic	Residence	48	Westridge 2	Aliphatic C9-C16	Annual	1.3E-03	1.4E-03	1.3E-03	5.3E-05	5.3E-05
Chronic	Residence	49	Westridge 3	Aliphatic C9-C16	Annual	1.3E-03	1.3E-03	1.3E-03	4.9E-05	4.9E-05
Chronic	Urban Community	51	Willingdon Heights	Aliphatic C9-C16	Annual	8.7E-04	8.8E-04	8.8E-04	1.0E-05	1.0E-05
Chronic	Urban Community	52	Windsor Park	Aliphatic C9-C16	Annual	8.6E-04	8.9E-04	8.8E-04	2.6E-05	2.6E-05
Chronic	Urban Community	2	Belcarra	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	2.0E-06	2.0E-06
Chronic	Urban Community	4	Brentwood	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	-3.1E-06	-3.1E-06
Chronic	Urban Community	5	Burnaby Heights	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	-1.6E-06	-1.6E-06
Chronic	Aboriginal Community	10	Burrard Inlet 3	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	2.7E-06	2.7E-06
Chronic	Urban Community	12	Capital Hill	Aromatic C9-C16	Annual	9.5E-03	9.5E-03	9.5E-03	-3.5E-06	-3.5E-06
Chronic	Urban Community	14	Coombe	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	5.0E-08	5.0E-08
Chronic	Urban Community	15	Coquitlam	Aromatic C9-C16	Annual	9.4E-03	9.3E-03	9.3E-03	-7.8E-06	-7.8E-06
Chronic	Urban Community	16	Cove Cliff	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	8.8E-07	8.8E-07
Chronic	Assisted-Living Complex	17	Dania Manor	Aromatic C9-C16	Annual	9.3E-03	9.3E-03	9.3E-03	-2.2E-06	-2.2E-06
Chronic	Urban Community	18	Deep Cove	Aromatic C9-C16	Annual	9.3E-03	9.3E-03	9.3E-03	-2.1E-07	-2.1E-07
Chronic	Urban Community	19	Dollarton	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	4.1E-06	4.1E-06
Chronic	Urban Community	20	Douglas Gilpin	Aromatic C9-C16	Annual	9.4E-03	9.3E-03	9.3E-03	-3.8E-06	-3.8E-06
Chronic	School	22	École Capitol Hill Elementary School	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	-1.0E-05	-1.0E-05
Chronic	School	23	École Westridge Elementary School	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	-7.3E-06	-7.3E-06
Chronic	School	24	Forest Grove Elementary School	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	-5.6E-05	-5.6E-05
Chronic	Urban Community	25	Government Road	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	-2.0E-08	-2.0E-08
Chronic	Urban Community	27	Lake City	Aromatic C9-C16	Annual	9.6E-03	9.4E-03	9.4E-03	-9.8E-05	-9.8E-05
Chronic	Urban Community	28	Lochdale	Aromatic C9-C16	Annual	9.5E-03	9.4E-03	9.4E-03	-7.0E-06	-7.0E-06
Chronic	School	29	Lochdale Community School	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	-1.4E-05	-1.4E-05
Chronic	Urban Community	30	Lyndhurst	Aromatic C9-C16	Annual	9.4E-03	9.3E-03	9.3E-03	-3.9E-06	-3.9E-06
Chronic	School	31	Montecito Elementary School	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	-1.9E-05	-1.9E-05
Chronic	Urban Community	34	Parkcrest Aubrey	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	-8.1E-06	-8.1E-06
Chronic	Urban Community	35	Port Moody	Aromatic C9-C16	Annual	9.4E-03	9.3E-03	9.3E-03	-1.2E-05	-1.2E-05

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	-6.2E-06	-6.2E-06
Chronic	Aboriginal Community	37	Seymour Creek 2	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	3.4E-07	3.4E-07
Chronic	Urban Community	39	Seymour Heights	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	-5.5E-07	-5.5E-07
Chronic	School	40	Seymour Heights Elementary School	Aromatic C9-C16	Annual	9.4E-03	9.3E-03	9.3E-03	-1.3E-06	-1.3E-06
Chronic	School	41	Sherwood Park Elementary School	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	2.5E-06	2.5E-06
Chronic	Urban Community	42	Simon Fraser University	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	-2.0E-05	-2.0E-05
Chronic	Urban Community	43	Sperling Broadway	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	-1.3E-05	-1.3E-05
Chronic	School	45	University Highlands Elementary	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	-1.8E-05	-1.8E-05
Chronic	Urban Community	46	Westridge	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	-3.4E-06	-3.4E-06
Chronic	Residence	47	Westridge 1	Aromatic C9-C16	Annual	9.8E-03	9.8E-03	9.8E-03	1.8E-06	1.8E-06
Chronic	Residence	48	Westridge 2	Aromatic C9-C16	Annual	9.7E-03	9.7E-03	9.7E-03	1.4E-07	1.4E-07
Chronic	Residence	49	Westridge 3	Aromatic C9-C16	Annual	9.7E-03	9.7E-03	9.7E-03	-4.2E-07	-4.2E-07
Chronic	Urban Community	51	Willingdon Heights	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	-4.3E-06	-4.3E-06
Chronic	Urban Community	52	Windsor Park	Aromatic C9-C16	Annual	9.4E-03	9.4E-03	9.4E-03	2.2E-07	2.2E-07
Chronic	Urban Community	2	Belcarra	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	5.2E-04	5.2E-04
Chronic	Urban Community	4	Brentwood	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	1.1E-03	1.1E-03
Chronic	Urban Community	5	Burnaby Heights	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	1.2E-03	1.2E-03
Chronic	Aboriginal Community	10	Burrard Inlet 3	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	9.4E-04	9.4E-04
Chronic	Urban Community	12	Capital Hill	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	1.6E-03	1.6E-03
Chronic	Urban Community	14	Coombe	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	3.5E-04	3.5E-04
Chronic	Urban Community	15	Coquitlam	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	2.2E-04	2.2E-04
Chronic	Urban Community	16	Cove Cliff	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	6.5E-04	6.5E-04
Chronic	Assisted-Living Complex	17	Dania Manor	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	2.4E-04	2.4E-04
Chronic	Urban Community	18	Deep Cove	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	3.8E-04	3.8E-04
Chronic	Urban Community	19	Dollarton	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	1.0E-03	1.0E-03
Chronic	Urban Community	20	Douglas Gilpin	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	3.0E-04	3.0E-04
Chronic	School	22	École Capitol Hill Elementary School	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	1.3E-03	1.3E-03
Chronic	School	23	École Westridge Elementary School	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	5.5E-04	5.5E-04
Chronic	School	24	Forest Grove Elementary School	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	2.6E-04	2.6E-04
Chronic	Urban Community	25	Government Road	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	2.5E-04	2.5E-04
Chronic	Urban Community	27	Lake City	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	2.8E-04	2.8E-04
Chronic	Urban Community	28	Lochdale	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	5.1E-04	5.1E-04
Chronic	School	29	Lochdale Community School	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	4.5E-04	4.5E-04
Chronic	Urban Community	30	Lyndhurst	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	2.1E-04	2.1E-04
Chronic	School	31	Montecito Elementary School	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	2.9E-04	2.9E-04



Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	34	Parkcrest Aubrey	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	1.1E-03	1.1E-03
Chronic	Urban Community	35	Port Moody	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	2.8E-04	2.8E-04
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	1.0E-03	1.0E-03
Chronic	Aboriginal Community	37	Seymour Creek 2	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	9.1E-04	9.1E-04
Chronic	Urban Community	39	Seymour Heights	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	6.6E-04	6.6E-04
Chronic	School	40	Seymour Heights Elementary School	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	5.8E-04	5.8E-04
Chronic	School	41	Sherwood Park Elementary School	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	9.9E-04	9.9E-04
Chronic	Urban Community	42	Simon Fraser University	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	4.7E-04	4.7E-04
Chronic	Urban Community	43	Sperling Broadway	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	3.3E-04	3.3E-04
Chronic	School	45	University Highlands Elementary	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	3.8E-04	3.8E-04
Chronic	Urban Community	46	Westridge	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	6.0E-04	6.0E-04
Chronic	Residence	47	Westridge 1	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	8.4E-04	8.4E-04
Chronic	Residence	48	Westridge 2	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	6.7E-04	6.7E-04
Chronic	Residence	49	Westridge 3	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	7.1E-04	7.1E-04
Chronic	Urban Community	51	Willingdon Heights	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	9.5E-04	9.5E-04
Chronic	Urban Community	52	Windsor Park	Arsenic	Annual	1.9E-01	1.9E-01	1.9E-01	7.2E-04	7.2E-04
Chronic	Urban Community	2	Belcarra	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	2.3E-06	2.3E-06
Chronic	Urban Community	4	Brentwood	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	4.7E-06	4.7E-06
Chronic	Urban Community	5	Burnaby Heights	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	5.4E-06	5.4E-06
Chronic	Aboriginal Community	10	Burrard Inlet 3	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	4.1E-06	4.1E-06
Chronic	Urban Community	12	Capital Hill	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	7.1E-06	7.1E-06
Chronic	Urban Community	14	Coombe	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	1.5E-06	1.5E-06
Chronic	Urban Community	15	Coquitlam	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	9.9E-07	9.9E-07
Chronic	Urban Community	16	Cove Cliff	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	2.9E-06	2.9E-06
Chronic	Assisted-Living Complex	17	Dania Manor	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	1.0E-06	1.0E-06
Chronic	Urban Community	18	Deep Cove	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	1.7E-06	1.7E-06
Chronic	Urban Community	19	Dollarton	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	4.4E-06	4.4E-06
Chronic	Urban Community	20	Douglas Gilpin	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	1.3E-06	1.3E-06
Chronic	School	22	École Capitol Hill Elementary School	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	5.5E-06	5.5E-06
Chronic	School	23	École Westridge Elementary School	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	2.4E-06	2.4E-06
Chronic	School	24	Forest Grove Elementary School	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	1.1E-06	1.1E-06
Chronic	Urban Community	25	Government Road	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	1.1E-06	1.1E-06
Chronic	Urban Community	27	Lake City	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	1.2E-06	1.2E-06
Chronic	Urban Community	28	Lochdale	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	2.3E-06	2.3E-06
Chronic	School	29	Lochdale Community School	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	2.0E-06	2.0E-06

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	30	Lyndhurst	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	9.2E-07	9.2E-07
Chronic	School	31	Montecito Elementary School	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	1.3E-06	1.3E-06
Chronic	Urban Community	34	Parkcrest Aubrey	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	5.0E-06	5.0E-06
Chronic	Urban Community	35	Port Moody	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	1.2E-06	1.2E-06
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	4.4E-06	4.4E-06
Chronic	Aboriginal Community	37	Seymour Creek 2	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	4.0E-06	4.0E-06
Chronic	Urban Community	39	Seymour Heights	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	2.9E-06	2.9E-06
Chronic	School	40	Seymour Heights Elementary School	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	2.6E-06	2.6E-06
Chronic	School	41	Sherwood Park Elementary School	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	4.4E-06	4.4E-06
Chronic	Urban Community	42	Simon Fraser University	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	2.1E-06	2.1E-06
Chronic	Urban Community	43	Sperling Broadway	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	1.4E-06	1.4E-06
Chronic	School	45	University Highlands Elementary	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	1.7E-06	1.7E-06
Chronic	Urban Community	46	Westridge	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	2.6E-06	2.6E-06
Chronic	Residence	47	Westridge 1	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	3.7E-06	3.7E-06
Chronic	Residence	48	Westridge 2	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	3.0E-06	3.0E-06
Chronic	Residence	49	Westridge 3	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	3.1E-06	3.1E-06
Chronic	Urban Community	51	Willingdon Heights	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	4.2E-06	4.2E-06
Chronic	Urban Community	52	Windsor Park	Barium	Annual	1.0E-03	1.0E-03	1.0E-03	3.2E-06	3.2E-06
Chronic	Urban Community	2	Belcarra	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	5.9E-04	5.9E-04
Chronic	Urban Community	4	Brentwood	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	1.9E-04	1.9E-04
Chronic	Urban Community	5	Burnaby Heights	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	2.3E-04	2.3E-04
Chronic	Aboriginal Community	10	Burrard Inlet 3	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	7.4E-04	7.4E-04
Chronic	Urban Community	12	Capital Hill	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	5.3E-04	5.3E-04
Chronic	Urban Community	14	Coombe	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	1.8E-04	1.8E-04
Chronic	Urban Community	15	Coquitlam	Benzene	Annual	5.6E-02	5.6E-02	5.6E-02	8.9E-06	8.9E-06
Chronic	Urban Community	16	Cove Cliff	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	4.2E-04	4.2E-04
Chronic	Assisted-Living Complex	17	Dania Manor	Benzene	Annual	5.6E-02	5.6E-02	5.6E-02	1.4E-05	1.4E-05
Chronic	Urban Community	18	Deep Cove	Benzene	Annual	5.6E-02	5.6E-02	5.6E-02	1.1E-04	1.1E-04
Chronic	Urban Community	19	Dollarton	Benzene	Annual	5.6E-02	5.8E-02	5.8E-02	1.1E-03	1.1E-03
Chronic	Urban Community	20	Douglas Gilpin	Benzene	Annual	5.6E-02	5.6E-02	5.6E-02	1.8E-05	1.8E-05
Chronic	School	22	École Capitol Hill Elementary School	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	2.8E-04	2.8E-04
Chronic	School	23	École Westridge Elementary School	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	1.4E-04	1.4E-04
Chronic	School	24	Forest Grove Elementary School	Benzene	Annual	5.6E-02	5.6E-02	5.6E-02	-5.2E-05	-5.2E-05
Chronic	Urban Community	25	Government Road	Benzene	Annual	5.6E-02	5.6E-02	5.6E-02	1.6E-05	1.6E-05
Chronic	Urban Community	27	Lake City	Benzene	Annual	5.7E-02	5.6E-02	5.6E-02	-1.0E-04	-1.0E-04

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	28	Lochdale	Benzene	Annual	5.7E-02	5.7E-02	5.7E-02	1.4E-04	1.4E-04
Chronic	School	29	Lochdale Community School	Benzene	Annual	5.6E-02	5.6E-02	5.6E-02	4.8E-05	4.8E-05
Chronic	Urban Community	30	Lyndhurst	Benzene	Annual	5.6E-02	5.6E-02	5.6E-02	9.5E-06	9.5E-06
Chronic	School	31	Montecito Elementary School	Benzene	Annual	5.6E-02	5.6E-02	5.6E-02	2.8E-06	2.8E-06
Chronic	Urban Community	34	Parkcrest Aubrey	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	2.3E-04	2.3E-04
Chronic	Urban Community	35	Port Moody	Benzene	Annual	5.6E-02	5.6E-02	5.6E-02	1.2E-05	1.2E-05
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	1.9E-04	1.9E-04
Chronic	Aboriginal Community	37	Seymour Creek 2	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	2.2E-04	2.2E-04
Chronic	Urban Community	39	Seymour Heights	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	2.1E-04	2.1E-04
Chronic	School	40	Seymour Heights Elementary School	Benzene	Annual	5.6E-02	5.6E-02	5.6E-02	9.7E-05	9.7E-05
Chronic	School	41	Sherwood Park Elementary School	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	8.7E-04	8.7E-04
Chronic	Urban Community	42	Simon Fraser University	Benzene	Annual	5.6E-02	5.6E-02	5.6E-02	3.4E-05	3.4E-05
Chronic	Urban Community	43	Sperling Broadway	Benzene	Annual	5.6E-02	5.6E-02	5.6E-02	1.9E-05	1.9E-05
Chronic	School	45	University Highlands Elementary	Benzene	Annual	5.6E-02	5.6E-02	5.6E-02	1.7E-05	1.7E-05
Chronic	Urban Community	46	Westridge	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	2.3E-04	2.3E-04
Chronic	Residence	47	Westridge 1	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	5.8E-04	5.8E-04
Chronic	Residence	48	Westridge 2	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	5.0E-04	5.0E-04
Chronic	Residence	49	Westridge 3	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	4.6E-04	4.6E-04
Chronic	Urban Community	51	Willingdon Heights	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	1.6E-04	1.6E-04
Chronic	Urban Community	52	Windsor Park	Benzene	Annual	5.6E-02	5.7E-02	5.7E-02	3.4E-04	3.4E-04
Chronic	Urban Community	2	Belcarra	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	4.4E-03	4.5E-03
Chronic	Urban Community	4	Brentwood	Benzene_Cancer	Annual	4.2E-01	4.3E-01	4.3E-01	1.4E-03	1.4E-03
Chronic	Urban Community	5	Burnaby Heights	Benzene_Cancer	Annual	4.2E-01	4.3E-01	4.3E-01	1.7E-03	1.7E-03
Chronic	Aboriginal Community	10	Burrard Inlet 3	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	5.6E-03	5.6E-03
Chronic	Urban Community	12	Capital Hill	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	4.0E-03	4.0E-03
Chronic	Urban Community	14	Coombe	Benzene_Cancer	Annual	4.2E-01	4.3E-01	4.3E-01	1.3E-03	1.3E-03
Chronic	Urban Community	15	Coquitlam	Benzene_Cancer	Annual	4.2E-01	4.2E-01	4.2E-01	6.7E-05	6.7E-05
Chronic	Urban Community	16	Cove Cliff	Benzene_Cancer	Annual	4.2E-01	4.3E-01	4.3E-01	3.1E-03	3.2E-03
Chronic	Assisted-Living Complex	17	Dania Manor	Benzene_Cancer	Annual	4.2E-01	4.2E-01	4.2E-01	1.0E-04	1.0E-04
Chronic	Urban Community	18	Deep Cove	Benzene_Cancer	Annual	4.2E-01	4.3E-01	4.3E-01	8.3E-04	8.3E-04
Chronic	Urban Community	19	Dollarton	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	8.2E-03	8.3E-03
Chronic	Urban Community	20	Douglas Gilpin	Benzene_Cancer	Annual	4.2E-01	4.2E-01	4.2E-01	1.4E-04	1.4E-04
Chronic	School	22	École Capitol Hill Elementary School	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	2.1E-03	2.1E-03
Chronic	School	23	École Westridge Elementary School	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	1.1E-03	1.1E-03
Chronic	School	24	Forest Grove Elementary School	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	-4.0E-04	-4.0E-04

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	25	Government Road	Benzene_Cancer	Annual	4.2E-01	4.2E-01	4.2E-01	1.2E-04	1.2E-04
Chronic	Urban Community	27	Lake City	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	-7.6E-04	-7.6E-04
Chronic	Urban Community	28	Lochdale	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	1.1E-03	1.1E-03
Chronic	School	29	Lochdale Community School	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	3.6E-04	3.6E-04
Chronic	Urban Community	30	Lyndhurst	Benzene_Cancer	Annual	4.2E-01	4.2E-01	4.2E-01	7.2E-05	7.2E-05
Chronic	School	31	Montecito Elementary School	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	2.1E-05	2.1E-05
Chronic	Urban Community	34	Parkcrest Aubrey	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	1.7E-03	1.7E-03
Chronic	Urban Community	35	Port Moody	Benzene_Cancer	Annual	4.2E-01	4.2E-01	4.2E-01	9.0E-05	9.0E-05
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Benzene_Cancer	Annual	4.2E-01	4.3E-01	4.3E-01	1.4E-03	1.4E-03
Chronic	Aboriginal Community	37	Seymour Creek 2	Benzene_Cancer	Annual	4.2E-01	4.3E-01	4.3E-01	1.7E-03	1.7E-03
Chronic	Urban Community	39	Seymour Heights	Benzene_Cancer	Annual	4.2E-01	4.3E-01	4.3E-01	1.6E-03	1.6E-03
Chronic	School	40	Seymour Heights Elementary School	Benzene_Cancer	Annual	4.2E-01	4.3E-01	4.3E-01	7.3E-04	7.3E-04
Chronic	School	41	Sherwood Park Elementary School	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	6.5E-03	6.6E-03
Chronic	Urban Community	42	Simon Fraser University	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	2.6E-04	2.6E-04
Chronic	Urban Community	43	Sperling Broadway	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	1.4E-04	1.4E-04
Chronic	School	45	University Highlands Elementary	Benzene_Cancer	Annual	4.2E-01	4.3E-01	4.3E-01	1.3E-04	1.3E-04
Chronic	Urban Community	46	Westridge	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	1.7E-03	1.7E-03
Chronic	Residence	47	Westridge 1	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	4.4E-03	4.4E-03
Chronic	Residence	48	Westridge 2	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	3.8E-03	3.8E-03
Chronic	Residence	49	Westridge 3	Benzene_Cancer	Annual	4.3E-01	4.3E-01	4.3E-01	3.5E-03	3.5E-03
Chronic	Urban Community	51	Willingdon Heights	Benzene_Cancer	Annual	4.2E-01	4.3E-01	4.3E-01	1.2E-03	1.2E-03
Chronic	Urban Community	52	Windsor Park	Benzene_Cancer	Annual	4.2E-01	4.3E-01	4.3E-01	2.6E-03	2.6E-03
Chronic	Urban Community	2	Belcarra	Benzo(a)pyrene	Annual	2.3E-04	1.1E-03	9.9E-04	8.5E-04	8.5E-04
Chronic	Urban Community	4	Brentwood	Benzo(a)pyrene	Annual	5.0E-04	2.3E-03	2.0E-03	1.7E-03	1.7E-03
Chronic	Urban Community	5	Burnaby Heights	Benzo(a)pyrene	Annual	5.4E-04	2.6E-03	2.4E-03	2.0E-03	2.0E-03
Chronic	Aboriginal Community	10	Burrard Inlet 3	Benzo(a)pyrene	Annual	3.6E-04	1.9E-03	1.8E-03	1.6E-03	1.6E-03
Chronic	Urban Community	12	Capital Hill	Benzo(a)pyrene	Annual	5.7E-04	3.2E-03	3.1E-03	2.7E-03	2.7E-03
Chronic	Urban Community	14	Coombe	Benzo(a)pyrene	Annual	1.8E-04	7.5E-04	6.7E-04	5.7E-04	5.7E-04
Chronic	Urban Community	15	Coquitlam	Benzo(a)pyrene	Annual	1.8E-04	5.5E-04	4.5E-04	3.7E-04	3.7E-04
Chronic	Urban Community	16	Cove Cliff	Benzo(a)pyrene	Annual	2.8E-04	1.4E-03	1.2E-03	1.1E-03	1.1E-03
Chronic	Assisted-Living Complex	17	Dania Manor	Benzo(a)pyrene	Annual	2.0E-04	5.9E-04	4.7E-04	3.9E-04	3.9E-04
Chronic	Urban Community	18	Deep Cove	Benzo(a)pyrene	Annual	2.0E-04	8.3E-04	7.5E-04	6.3E-04	6.3E-04
Chronic	Urban Community	19	Dollarton	Benzo(a)pyrene	Annual	3.8E-04	2.0E-03	1.9E-03	1.6E-03	1.6E-03
Chronic	Urban Community	20	Douglas Gilpin	Benzo(a)pyrene	Annual	2.2E-04	7.1E-04	6.0E-04	5.0E-04	5.0E-04
Chronic	School	22	École Capitol Hill Elementary School	Benzo(a)pyrene	Annual	5.4E-04	2.6E-03	2.4E-03	2.1E-03	2.1E-03

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	School	23	École Westridge Elementary School	Benzo(a)pyrene	Annual	3.1E-04	1.2E-03	1.1E-03	9.1E-04	9.1E-04
Chronic	School	24	Forest Grove Elementary School	Benzo(a)pyrene	Annual	2.0E-04	6.2E-04	5.1E-04	4.2E-04	4.2E-04
Chronic	Urban Community	25	Government Road	Benzo(a)pyrene	Annual	1.9E-04	6.0E-04	4.9E-04	4.1E-04	4.1E-04
Chronic	Urban Community	27	Lake City	Benzo(a)pyrene	Annual	2.1E-04	6.7E-04	5.5E-04	4.6E-04	4.6E-04
Chronic	Urban Community	28	Lochdale	Benzo(a)pyrene	Annual	2.9E-04	1.1E-03	1.0E-03	8.4E-04	8.4E-04
Chronic	School	29	Lochdale Community School	Benzo(a)pyrene	Annual	2.6E-04	1.0E-03	8.8E-04	7.4E-04	7.4E-04
Chronic	Urban Community	30	Lyndhurst	Benzo(a)pyrene	Annual	1.8E-04	5.2E-04	4.2E-04	3.4E-04	3.4E-04
Chronic	School	31	Montecito Elementary School	Benzo(a)pyrene	Annual	2.1E-04	6.9E-04	5.7E-04	4.7E-04	4.7E-04
Chronic	Urban Community	34	Parkcrest Aubrey	Benzo(a)pyrene	Annual	4.4E-04	2.3E-03	2.2E-03	1.9E-03	1.9E-03
Chronic	Urban Community	35	Port Moody	Benzo(a)pyrene	Annual	2.0E-04	6.7E-04	5.5E-04	4.6E-04	4.6E-04
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Benzo(a)pyrene	Annual	4.9E-04	2.1E-03	1.9E-03	1.6E-03	1.6E-03
Chronic	Aboriginal Community	37	Seymour Creek 2	Benzo(a)pyrene	Annual	4.4E-04	2.0E-03	1.8E-03	1.5E-03	1.5E-03
Chronic	Urban Community	39	Seymour Heights	Benzo(a)pyrene	Annual	2.9E-04	1.4E-03	1.3E-03	1.1E-03	1.1E-03
Chronic	School	40	Seymour Heights Elementary School	Benzo(a)pyrene	Annual	2.8E-04	1.2E-03	1.1E-03	9.7E-04	9.7E-04
Chronic	School	41	Sherwood Park Elementary School	Benzo(a)pyrene	Annual	3.7E-04	2.0E-03	1.9E-03	1.6E-03	1.6E-03
Chronic	Urban Community	42	Simon Fraser University	Benzo(a)pyrene	Annual	2.8E-04	1.1E-03	9.1E-04	7.7E-04	7.7E-04
Chronic	Urban Community	43	Sperling Broadway	Benzo(a)pyrene	Annual	2.3E-04	7.6E-04	6.4E-04	5.4E-04	5.4E-04
Chronic	School	45	University Highlands Elementary	Benzo(a)pyrene	Annual	2.4E-04	8.6E-04	7.4E-04	6.2E-04	6.2E-04
Chronic	Urban Community	46	Westridge	Benzo(a)pyrene	Annual	3.3E-04	1.3E-03	1.2E-03	9.9E-04	9.9E-04
Chronic	Residence	47	Westridge 1	Benzo(a)pyrene	Annual	5.0E-04	1.9E-03	1.8E-03	1.4E-03	1.4E-03
Chronic	Residence	48	Westridge 2	Benzo(a)pyrene	Annual	4.3E-04	1.5E-03	1.4E-03	1.1E-03	1.1E-03
Chronic	Residence	49	Westridge 3	Benzo(a)pyrene	Annual	4.0E-04	1.6E-03	1.4E-03	1.2E-03	1.2E-03
Chronic	Urban Community	51	Willingdon Heights	Benzo(a)pyrene	Annual	4.2E-04	2.0E-03	1.8E-03	1.6E-03	1.6E-03
Chronic	Urban Community	52	Windsor Park	Benzo(a)pyrene	Annual	3.0E-04	1.5E-03	1.4E-03	1.2E-03	1.2E-03
Chronic	Urban Community	2	Belcarra	Benzo(a)pyrene equivalent	Annual	1.8E-07	8.2E-07	7.5E-07	6.5E-07	6.5E-07
Chronic	Urban Community	4	Brentwood	Benzo(a)pyrene equivalent	Annual	3.8E-07	1.7E-06	1.6E-06	1.3E-06	1.3E-06
Chronic	Urban Community	5	Burnaby Heights	Benzo(a)pyrene equivalent	Annual	4.1E-07	2.0E-06	1.8E-06	1.5E-06	1.5E-06
Chronic	Aboriginal Community	10	Burrard Inlet 3	Benzo(a)pyrene equivalent	Annual	2.7E-07	1.5E-06	1.4E-06	1.2E-06	1.2E-06
Chronic	Urban Community	12	Capital Hill	Benzo(a)pyrene equivalent	Annual	4.3E-07	2.5E-06	2.3E-06	2.0E-06	2.0E-06
Chronic	Urban Community	14	Coombe	Benzo(a)pyrene equivalent	Annual	1.4E-07	5.7E-07	5.1E-07	4.4E-07	4.4E-07
Chronic	Urban Community	15	Coquitlam	Benzo(a)pyrene equivalent	Annual	1.4E-07	4.2E-07	3.4E-07	2.8E-07	2.8E-07
Chronic	Urban Community	16	Cove Cliff	Benzo(a)pyrene equivalent	Annual	2.1E-07	1.0E-06	9.5E-07	8.1E-07	8.1E-07
Chronic	Assisted-Living Complex	17	Dania Manor	Benzo(a)pyrene equivalent	Annual	1.5E-07	4.5E-07	3.6E-07	3.0E-07	3.0E-07
Chronic	Urban Community	18	Deep Cove	Benzo(a)pyrene equivalent	Annual	1.5E-07	6.3E-07	5.7E-07	4.8E-07	4.8E-07
Chronic	Urban Community	19	Dollarton	Benzo(a)pyrene equivalent	Annual	2.9E-07	1.5E-06	1.5E-06	1.3E-06	1.3E-06

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	20	Douglas Gilpin	Benzo(a)pyrene equivalent	Annual	1.7E-07	5.4E-07	4.5E-07	3.8E-07	3.8E-07
Chronic	School	22	École Capitol Hill Elementary School	Benzo(a)pyrene equivalent	Annual	4.1E-07	2.0E-06	1.8E-06	1.6E-06	1.6E-06
Chronic	School	23	École Westridge Elementary School	Benzo(a)pyrene equivalent	Annual	2.4E-07	9.3E-07	8.4E-07	6.9E-07	6.9E-07
Chronic	School	24	Forest Grove Elementary School	Benzo(a)pyrene equivalent	Annual	1.5E-07	4.7E-07	3.9E-07	3.2E-07	3.2E-07
Chronic	Urban Community	25	Government Road	Benzo(a)pyrene equivalent	Annual	1.5E-07	4.6E-07	3.7E-07	3.1E-07	3.1E-07
Chronic	Urban Community	27	Lake City	Benzo(a)pyrene equivalent	Annual	1.6E-07	5.1E-07	4.2E-07	3.5E-07	3.5E-07
Chronic	Urban Community	28	Lochdale	Benzo(a)pyrene equivalent	Annual	2.2E-07	8.7E-07	7.6E-07	6.4E-07	6.4E-07
Chronic	School	29	Lochdale Community School	Benzo(a)pyrene equivalent	Annual	2.0E-07	7.6E-07	6.7E-07	5.6E-07	5.6E-07
Chronic	Urban Community	30	Lyndhurst	Benzo(a)pyrene equivalent	Annual	1.3E-07	4.0E-07	3.2E-07	2.6E-07	2.6E-07
Chronic	School	31	Montecito Elementary School	Benzo(a)pyrene equivalent	Annual	1.6E-07	5.2E-07	4.3E-07	3.6E-07	3.6E-07
Chronic	Urban Community	34	Parkcrest Aubrey	Benzo(a)pyrene equivalent	Annual	3.4E-07	1.8E-06	1.7E-06	1.4E-06	1.4E-06
Chronic	Urban Community	35	Port Moody	Benzo(a)pyrene equivalent	Annual	1.5E-07	5.1E-07	4.2E-07	3.5E-07	3.5E-07
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Benzo(a)pyrene equivalent	Annual	3.8E-07	1.6E-06	1.5E-06	1.3E-06	1.3E-06
Chronic	Aboriginal Community	37	Seymour Creek 2	Benzo(a)pyrene equivalent	Annual	3.4E-07	1.5E-06	1.3E-06	1.1E-06	1.1E-06
Chronic	Urban Community	39	Seymour Heights	Benzo(a)pyrene equivalent	Annual	2.2E-07	1.0E-06	9.6E-07	8.2E-07	8.2E-07
Chronic	School	40	Seymour Heights Elementary School	Benzo(a)pyrene equivalent	Annual	2.1E-07	9.5E-07	8.6E-07	7.3E-07	7.3E-07
Chronic	School	41	Sherwood Park Elementary School	Benzo(a)pyrene equivalent	Annual	2.8E-07	1.5E-06	1.4E-06	1.2E-06	1.2E-06
Chronic	Urban Community	42	Simon Fraser University	Benzo(a)pyrene equivalent	Annual	2.2E-07	8.0E-07	6.9E-07	5.9E-07	5.9E-07
Chronic	Urban Community	43	Sperling Broadway	Benzo(a)pyrene equivalent	Annual	1.8E-07	5.8E-07	4.9E-07	4.1E-07	4.1E-07
Chronic	School	45	University Highlands Elementary	Benzo(a)pyrene equivalent	Annual	1.8E-07	6.5E-07	5.6E-07	4.7E-07	4.7E-07
Chronic	Urban Community	46	Westridge	Benzo(a)pyrene equivalent	Annual	2.5E-07	1.0E-06	9.0E-07	7.5E-07	7.5E-07
Chronic	Residence	47	Westridge 1	Benzo(a)pyrene equivalent	Annual	3.8E-07	1.4E-06	1.3E-06	1.1E-06	1.1E-06
Chronic	Residence	48	Westridge 2	Benzo(a)pyrene equivalent	Annual	3.3E-07	1.2E-06	1.1E-06	8.5E-07	8.5E-07
Chronic	Residence	49	Westridge 3	Benzo(a)pyrene equivalent	Annual	3.0E-07	1.2E-06	1.1E-06	8.9E-07	8.9E-07
Chronic	Urban Community	51	Willingdon Heights	Benzo(a)pyrene equivalent	Annual	3.2E-07	1.5E-06	1.4E-06	1.2E-06	1.2E-06
Chronic	Urban Community	52	Windsor Park	Benzo(a)pyrene equivalent	Annual	2.3E-07	1.1E-06	1.0E-06	9.0E-07	9.0E-07
Chronic	Urban Community	2	Belcarra	Beryllium	Annual	4.3E-07	2.0E-06	1.9E-06	1.6E-06	1.6E-06
Chronic	Urban Community	4	Brentwood	Beryllium	Annual	9.4E-07	4.2E-06	3.8E-06	3.3E-06	3.3E-06
Chronic	Urban Community	5	Burnaby Heights	Beryllium	Annual	1.0E-06	4.8E-06	4.5E-06	3.8E-06	3.8E-06
Chronic	Aboriginal Community	10	Burrard Inlet 3	Beryllium	Annual	6.7E-07	3.6E-06	3.4E-06	2.9E-06	2.9E-06
Chronic	Urban Community	12	Capital Hill	Beryllium	Annual	1.1E-06	6.1E-06	5.8E-06	5.0E-06	5.0E-06
Chronic	Urban Community	14	Coombe	Beryllium	Annual	3.4E-07	1.4E-06	1.3E-06	1.1E-06	1.1E-06
Chronic	Urban Community	15	Coquitlam	Beryllium	Annual	3.4E-07	1.0E-06	8.3E-07	6.9E-07	6.9E-07
Chronic	Urban Community	16	Cove Cliff	Beryllium	Annual	5.2E-07	2.5E-06	2.3E-06	2.0E-06	2.0E-06
Chronic	Assisted-Living Complex	17	Dania Manor	Beryllium	Annual	3.7E-07	1.1E-06	8.9E-07	7.3E-07	7.3E-07

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	18	Deep Cove	Beryllium	Annual	3.7E-07	1.6E-06	1.4E-06	1.2E-06	1.2E-06
Chronic	Urban Community	19	Dollarton	Beryllium	Annual	7.1E-07	3.8E-06	3.6E-06	3.1E-06	3.1E-06
Chronic	Urban Community	20	Douglas Gilpin	Beryllium	Annual	4.1E-07	1.3E-06	1.1E-06	9.3E-07	9.3E-07
Chronic	School	22	École Capitol Hill Elementary School	Beryllium	Annual	1.0E-06	4.9E-06	4.5E-06	3.9E-06	3.9E-06
Chronic	School	23	École Westridge Elementary School	Beryllium	Annual	5.9E-07	2.3E-06	2.1E-06	1.7E-06	1.7E-06
Chronic	School	24	Forest Grove Elementary School	Beryllium	Annual	3.7E-07	1.2E-06	9.5E-07	7.9E-07	7.9E-07
Chronic	Urban Community	25	Government Road	Beryllium	Annual	3.6E-07	1.1E-06	9.2E-07	7.6E-07	7.6E-07
Chronic	Urban Community	27	Lake City	Beryllium	Annual	4.0E-07	1.3E-06	1.0E-06	8.6E-07	8.6E-07
Chronic	Urban Community	28	Lochdale	Beryllium	Annual	5.5E-07	2.1E-06	1.9E-06	1.6E-06	1.6E-06
Chronic	School	29	Lochdale Community School	Beryllium	Annual	4.9E-07	1.9E-06	1.6E-06	1.4E-06	1.4E-06
Chronic	Urban Community	30	Lyndhurst	Beryllium	Annual	3.3E-07	9.7E-07	7.8E-07	6.4E-07	6.4E-07
Chronic	School	31	Montecito Elementary School	Beryllium	Annual	4.0E-07	1.3E-06	1.1E-06	8.9E-07	8.9E-07
Chronic	Urban Community	34	Parkcrest Aubrey	Beryllium	Annual	8.3E-07	4.4E-06	4.1E-06	3.5E-06	3.5E-06
Chronic	Urban Community	35	Port Moody	Beryllium	Annual	3.8E-07	1.2E-06	1.0E-06	8.7E-07	8.7E-07
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Beryllium	Annual	9.2E-07	4.0E-06	3.6E-06	3.1E-06	3.1E-06
Chronic	Aboriginal Community	37	Seymour Creek 2	Beryllium	Annual	8.2E-07	3.6E-06	3.3E-06	2.8E-06	2.8E-06
Chronic	Urban Community	39	Seymour Heights	Beryllium	Annual	5.5E-07	2.6E-06	2.4E-06	2.0E-06	2.0E-06
Chronic	School	40	Seymour Heights Elementary School	Beryllium	Annual	5.2E-07	2.3E-06	2.1E-06	1.8E-06	1.8E-06
Chronic	School	41	Sherwood Park Elementary School	Beryllium	Annual	6.9E-07	3.8E-06	3.5E-06	3.1E-06	3.1E-06
Chronic	Urban Community	42	Simon Fraser University	Beryllium	Annual	5.3E-07	2.0E-06	1.7E-06	1.4E-06	1.4E-06
Chronic	Urban Community	43	Sperling Broadway	Beryllium	Annual	4.3E-07	1.4E-06	1.2E-06	1.0E-06	1.0E-06
Chronic	School	45	University Highlands Elementary	Beryllium	Annual	4.5E-07	1.6E-06	1.4E-06	1.2E-06	1.2E-06
Chronic	Urban Community	46	Westridge	Beryllium	Annual	6.2E-07	2.5E-06	2.2E-06	1.9E-06	1.9E-06
Chronic	Residence	47	Westridge 1	Beryllium	Annual	9.4E-07	3.5E-06	3.3E-06	2.6E-06	2.6E-06
Chronic	Residence	48	Westridge 2	Beryllium	Annual	8.0E-07	2.9E-06	2.6E-06	2.1E-06	2.1E-06
Chronic	Residence	49	Westridge 3	Beryllium	Annual	7.4E-07	2.9E-06	2.7E-06	2.2E-06	2.2E-06
Chronic	Urban Community	51	Willingdon Heights	Beryllium	Annual	7.8E-07	3.7E-06	3.4E-06	2.9E-06	2.9E-06
Chronic	Urban Community	52	Windsor Park	Beryllium	Annual	5.6E-07	2.8E-06	2.6E-06	2.2E-06	2.2E-06
Chronic	Urban Community	2	Belcarra	Beryllium_Cancer	Annual	7.6E-07	3.5E-06	3.2E-06	2.8E-06	2.8E-06
Chronic	Urban Community	4	Brentwood	Beryllium_Cancer	Annual	1.6E-06	7.4E-06	6.7E-06	5.7E-06	5.7E-06
Chronic	Urban Community	5	Burnaby Heights	Beryllium_Cancer	Annual	1.8E-06	8.4E-06	7.8E-06	6.7E-06	6.7E-06
Chronic	Aboriginal Community	10	Burrard Inlet 3	Beryllium_Cancer	Annual	1.2E-06	6.2E-06	5.9E-06	5.1E-06	5.1E-06
Chronic	Urban Community	12	Capital Hill	Beryllium_Cancer	Annual	1.9E-06	1.1E-05	1.0E-05	8.8E-06	8.8E-06
Chronic	Urban Community	14	Coombe	Beryllium_Cancer	Annual	6.0E-07	2.5E-06	2.2E-06	1.9E-06	1.9E-06
Chronic	Urban Community	15	Coquitlam	Beryllium_Cancer	Annual	5.9E-07	1.8E-06	1.5E-06	1.2E-06	1.2E-06

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	16	Cove Cliff	Beryllium_Cancer	Annual	9.1E-07	4.4E-06	4.1E-06	3.5E-06	3.5E-06
Chronic	Assisted-Living Complex	17	Dania Manor	Beryllium_Cancer	Annual	6.5E-07	1.9E-06	1.6E-06	1.3E-06	1.3E-06
Chronic	Urban Community	18	Deep Cove	Beryllium_Cancer	Annual	6.5E-07	2.7E-06	2.4E-06	2.1E-06	2.1E-06
Chronic	Urban Community	19	Dollarton	Beryllium_Cancer	Annual	1.2E-06	6.6E-06	6.3E-06	5.4E-06	5.4E-06
Chronic	Urban Community	20	Douglas Gilpin	Beryllium_Cancer	Annual	7.2E-07	2.3E-06	2.0E-06	1.6E-06	1.6E-06
Chronic	School	22	École Capitol Hill Elementary School	Beryllium_Cancer	Annual	1.8E-06	8.5E-06	7.9E-06	6.8E-06	6.8E-06
Chronic	School	23	École Westridge Elementary School	Beryllium_Cancer	Annual	1.0E-06	4.0E-06	3.6E-06	3.0E-06	3.0E-06
Chronic	School	24	Forest Grove Elementary School	Beryllium_Cancer	Annual	6.5E-07	2.0E-06	1.7E-06	1.4E-06	1.4E-06
Chronic	Urban Community	25	Government Road	Beryllium_Cancer	Annual	6.3E-07	2.0E-06	1.6E-06	1.3E-06	1.3E-06
Chronic	Urban Community	27	Lake City	Beryllium_Cancer	Annual	7.0E-07	2.2E-06	1.8E-06	1.5E-06	1.5E-06
Chronic	Urban Community	28	Lochdale	Beryllium_Cancer	Annual	9.6E-07	3.7E-06	3.3E-06	2.8E-06	2.8E-06
Chronic	School	29	Lochdale Community School	Beryllium_Cancer	Annual	8.6E-07	3.3E-06	2.9E-06	2.4E-06	2.4E-06
Chronic	Urban Community	30	Lyndhurst	Beryllium_Cancer	Annual	5.8E-07	1.7E-06	1.4E-06	1.1E-06	1.1E-06
Chronic	School	31	Montecito Elementary School	Beryllium_Cancer	Annual	7.0E-07	2.2E-06	1.9E-06	1.6E-06	1.6E-06
Chronic	Urban Community	34	Parkcrest Aubrey	Beryllium_Cancer	Annual	1.5E-06	7.6E-06	7.2E-06	6.2E-06	6.2E-06
Chronic	Urban Community	35	Port Moody	Beryllium_Cancer	Annual	6.6E-07	2.2E-06	1.8E-06	1.5E-06	1.5E-06
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Beryllium_Cancer	Annual	1.6E-06	7.0E-06	6.3E-06	5.4E-06	5.4E-06
Chronic	Aboriginal Community	37	Seymour Creek 2	Beryllium_Cancer	Annual	1.4E-06	6.4E-06	5.8E-06	4.9E-06	4.9E-06
Chronic	Urban Community	39	Seymour Heights	Beryllium_Cancer	Annual	9.5E-07	4.5E-06	4.1E-06	3.5E-06	3.5E-06
Chronic	School	40	Seymour Heights Elementary School	Beryllium_Cancer	Annual	9.2E-07	4.1E-06	3.7E-06	3.2E-06	3.2E-06
Chronic	School	41	Sherwood Park Elementary School	Beryllium_Cancer	Annual	1.2E-06	6.6E-06	6.2E-06	5.4E-06	5.4E-06
Chronic	Urban Community	42	Simon Fraser University	Beryllium_Cancer	Annual	9.3E-07	3.4E-06	3.0E-06	2.5E-06	2.5E-06
Chronic	Urban Community	43	Sperling Broadway	Beryllium_Cancer	Annual	7.5E-07	2.5E-06	2.1E-06	1.8E-06	1.8E-06
Chronic	School	45	University Highlands Elementary	Beryllium_Cancer	Annual	7.9E-07	2.8E-06	2.4E-06	2.0E-06	2.0E-06
Chronic	Urban Community	46	Westridge	Beryllium_Cancer	Annual	1.1E-06	4.3E-06	3.9E-06	3.2E-06	3.2E-06
Chronic	Residence	47	Westridge 1	Beryllium_Cancer	Annual	1.6E-06	6.2E-06	5.8E-06	4.6E-06	4.6E-06
Chronic	Residence	48	Westridge 2	Beryllium_Cancer	Annual	1.4E-06	5.0E-06	4.6E-06	3.6E-06	3.6E-06
Chronic	Residence	49	Westridge 3	Beryllium_Cancer	Annual	1.3E-06	5.1E-06	4.6E-06	3.8E-06	3.8E-06
Chronic	Urban Community	51	Willingdon Heights	Beryllium_Cancer	Annual	1.4E-06	6.5E-06	6.0E-06	5.1E-06	5.1E-06
Chronic	Urban Community	52	Windsor Park	Beryllium_Cancer	Annual	9.8E-07	4.8E-06	4.5E-06	3.9E-06	3.9E-06
Chronic	Urban Community	2	Belcarra	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	3.1E-05	3.1E-05
Chronic	Urban Community	4	Brentwood	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	6.4E-05	6.4E-05
Chronic	Urban Community	5	Burnaby Heights	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	7.5E-05	7.5E-05
Chronic	Aboriginal Community	10	Burrard Inlet 3	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	5.7E-05	5.7E-05
Chronic	Urban Community	12	Capital Hill	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	9.8E-05	9.8E-05



Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	14	Coombe	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	2.1E-05	2.1E-05
Chronic	Urban Community	15	Coquitlam	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	1.4E-05	1.4E-05
Chronic	Urban Community	16	Cove Cliff	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	3.9E-05	3.9E-05
Chronic	Assisted-Living Complex	17	Dania Manor	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	1.4E-05	1.4E-05
Chronic	Urban Community	18	Deep Cove	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	2.3E-05	2.3E-05
Chronic	Urban Community	19	Dollarton	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	6.0E-05	6.0E-05
Chronic	Urban Community	20	Douglas Gilpin	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	1.8E-05	1.8E-05
Chronic	School	22	École Capitol Hill Elementary School	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	7.6E-05	7.6E-05
Chronic	School	23	École Westridge Elementary School	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	3.4E-05	3.4E-05
Chronic	School	24	Forest Grove Elementary School	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	1.6E-05	1.6E-05
Chronic	Urban Community	25	Government Road	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	1.5E-05	1.5E-05
Chronic	Urban Community	27	Lake City	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	1.7E-05	1.7E-05
Chronic	Urban Community	28	Lochdale	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	3.1E-05	3.1E-05
Chronic	School	29	Lochdale Community School	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	2.7E-05	2.7E-05
Chronic	Urban Community	30	Lyndhurst	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	1.3E-05	1.3E-05
Chronic	School	31	Montecito Elementary School	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	1.7E-05	1.7E-05
Chronic	Urban Community	34	Parkcrest Aubrey	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	6.9E-05	6.9E-05
Chronic	Urban Community	35	Port Moody	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	1.7E-05	1.7E-05
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	6.0E-05	6.0E-05
Chronic	Aboriginal Community	37	Seymour Creek 2	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	5.5E-05	5.5E-05
Chronic	Urban Community	39	Seymour Heights	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	4.0E-05	4.0E-05
Chronic	School	40	Seymour Heights Elementary School	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	3.5E-05	3.5E-05
Chronic	School	41	Sherwood Park Elementary School	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	6.0E-05	6.0E-05
Chronic	Urban Community	42	Simon Fraser University	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	2.8E-05	2.8E-05
Chronic	Urban Community	43	Sperling Broadway	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	2.0E-05	2.0E-05
Chronic	School	45	University Highlands Elementary	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	2.3E-05	2.3E-05
Chronic	Urban Community	46	Westridge	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	3.6E-05	3.6E-05
Chronic	Residence	47	Westridge 1	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	5.1E-05	5.1E-05
Chronic	Residence	48	Westridge 2	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	4.1E-05	4.1E-05
Chronic	Residence	49	Westridge 3	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	4.3E-05	4.3E-05
Chronic	Urban Community	51	Willingdon Heights	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	5.8E-05	5.8E-05
Chronic	Urban Community	52	Windsor Park	Cadmium	Annual	1.0E-02	1.0E-02	1.0E-02	4.4E-05	4.4E-05
Chronic	Urban Community	2	Belcarra	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	1.6E-04	1.6E-04
Chronic	Urban Community	4	Brentwood	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	3.2E-04	3.2E-04
Chronic	Urban Community	5	Burnaby Heights	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	3.7E-04	3.7E-04

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Aboriginal Community	10	Burrard Inlet 3	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	2.9E-04	2.9E-04
Chronic	Urban Community	12	Capital Hill	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.1E-02	4.9E-04	4.9E-04
Chronic	Urban Community	14	Coombe	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	1.1E-04	1.1E-04
Chronic	Urban Community	15	Coquitlam	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	6.8E-05	6.8E-05
Chronic	Urban Community	16	Cove Cliff	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	2.0E-04	2.0E-04
Chronic	Assisted-Living Complex	17	Dania Manor	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	7.2E-05	7.2E-05
Chronic	Urban Community	18	Deep Cove	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	1.2E-04	1.2E-04
Chronic	Urban Community	19	Dollarton	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	3.0E-04	3.0E-04
Chronic	Urban Community	20	Douglas Gilpin	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	9.1E-05	9.1E-05
Chronic	School	22	École Capitol Hill Elementary School	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	3.8E-04	3.8E-04
Chronic	School	23	École Westridge Elementary School	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	1.7E-04	1.7E-04
Chronic	School	24	Forest Grove Elementary School	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	7.8E-05	7.8E-05
Chronic	Urban Community	25	Government Road	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	7.5E-05	7.5E-05
Chronic	Urban Community	27	Lake City	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	8.4E-05	8.4E-05
Chronic	Urban Community	28	Lochdale	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	1.6E-04	1.6E-04
Chronic	School	29	Lochdale Community School	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	1.4E-04	1.4E-04
Chronic	Urban Community	30	Lyndhurst	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	6.3E-05	6.3E-05
Chronic	School	31	Montecito Elementary School	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	8.7E-05	8.7E-05
Chronic	Urban Community	34	Parkcrest Aubrey	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	3.5E-04	3.5E-04
Chronic	Urban Community	35	Port Moody	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	8.5E-05	8.5E-05
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	3.0E-04	3.0E-04
Chronic	Aboriginal Community	37	Seymour Creek 2	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	2.8E-04	2.8E-04
Chronic	Urban Community	39	Seymour Heights	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	2.0E-04	2.0E-04
Chronic	School	40	Seymour Heights Elementary School	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	1.8E-04	1.8E-04
Chronic	School	41	Sherwood Park Elementary School	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	3.0E-04	3.0E-04
Chronic	Urban Community	42	Simon Fraser University	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	1.4E-04	1.4E-04
Chronic	Urban Community	43	Sperling Broadway	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	9.8E-05	9.8E-05
Chronic	School	45	University Highlands Elementary	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	1.1E-04	1.1E-04
Chronic	Urban Community	46	Westridge	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	1.8E-04	1.8E-04
Chronic	Residence	47	Westridge 1	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	2.6E-04	2.6E-04
Chronic	Residence	48	Westridge 2	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	2.0E-04	2.0E-04
Chronic	Residence	49	Westridge 3	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	2.1E-04	2.1E-04
Chronic	Urban Community	51	Willingdon Heights	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	2.9E-04	2.9E-04
Chronic	Urban Community	52	Windsor Park	Cadmium_Cancer	Annual	5.0E-02	5.0E-02	5.0E-02	2.2E-04	2.2E-04
Chronic	Urban Community	2	Belcarra	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	7.8E-09	7.9E-09

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	4	Brentwood	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	1.8E-08	1.8E-08
Chronic	Urban Community	5	Burnaby Heights	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	2.4E-08	2.5E-08
Chronic	Aboriginal Community	10	Burrard Inlet 3	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	1.7E-08	1.7E-08
Chronic	Urban Community	12	Capital Hill	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	2.9E-08	2.9E-08
Chronic	Urban Community	14	Coombe	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	4.8E-09	4.9E-09
Chronic	Urban Community	15	Coquitlam	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	2.5E-09	2.6E-09
Chronic	Urban Community	16	Cove Cliff	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	9.9E-09	9.9E-09
Chronic	Assisted-Living Complex	17	Dania Manor	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	2.4E-09	2.5E-09
Chronic	Urban Community	18	Deep Cove	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	5.1E-09	5.1E-09
Chronic	Urban Community	19	Dollarton	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	1.8E-08	1.8E-08
Chronic	Urban Community	20	Douglas Gilpin	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	3.4E-09	3.4E-09
Chronic	School	22	École Capitol Hill Elementary School	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	2.2E-08	2.2E-08
Chronic	School	23	École Westridge Elementary School	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	8.1E-09	8.2E-09
Chronic	School	24	Forest Grove Elementary School	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	2.9E-09	2.9E-09
Chronic	Urban Community	25	Government Road	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	2.6E-09	2.7E-09
Chronic	Urban Community	27	Lake City	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	3.1E-09	3.2E-09
Chronic	Urban Community	28	Lochdale	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	7.3E-09	7.4E-09
Chronic	School	29	Lochdale Community School	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	5.9E-09	6.0E-09
Chronic	Urban Community	30	Lyndhurst	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	2.2E-09	2.3E-09
Chronic	School	31	Montecito Elementary School	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	3.2E-09	3.3E-09
Chronic	Urban Community	34	Parkcrest Aubrey	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	1.9E-08	1.9E-08
Chronic	Urban Community	35	Port Moody	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	3.4E-09	3.4E-09
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	2.0E-08	2.0E-08
Chronic	Aboriginal Community	37	Seymour Creek 2	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	1.9E-08	2.0E-08
Chronic	Urban Community	39	Seymour Heights	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	1.0E-08	1.0E-08
Chronic	School	40	Seymour Heights Elementary School	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	8.4E-09	8.5E-09
Chronic	School	41	Sherwood Park Elementary School	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	1.7E-08	1.7E-08
Chronic	Urban Community	42	Simon Fraser University	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	6.2E-09	6.3E-09
Chronic	Urban Community	43	Sperling Broadway	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	3.8E-09	3.9E-09
Chronic	School	45	University Highlands Elementary	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	4.8E-09	4.9E-09
Chronic	Urban Community	46	Westridge	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	9.0E-09	9.1E-09
Chronic	Residence	47	Westridge 1	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	1.4E-08	1.4E-08
Chronic	Residence	48	Westridge 2	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	1.1E-08	1.1E-08
Chronic	Residence	49	Westridge 3	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	1.2E-08	1.2E-08
Chronic	Urban Community	51	Willingdon Heights	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	1.7E-08	1.7E-08

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	52	Windsor Park	Chlorobenzene	Annual	7.9E-04	7.9E-04	7.9E-04	1.1E-08	1.1E-08
Chronic	Urban Community	2	Belcarra	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	7.6E-06	7.6E-06
Chronic	Urban Community	4	Brentwood	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	1.6E-05	1.6E-05
Chronic	Urban Community	5	Burnaby Heights	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	1.8E-05	1.8E-05
Chronic	Aboriginal Community	10	Burrard Inlet 3	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	1.4E-05	1.4E-05
Chronic	Urban Community	12	Capital Hill	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	2.4E-05	2.4E-05
Chronic	Urban Community	14	Coombe	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	5.1E-06	5.1E-06
Chronic	Urban Community	15	Coquitlam	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	3.3E-06	3.3E-06
Chronic	Urban Community	16	Cove Cliff	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	9.5E-06	9.5E-06
Chronic	Assisted-Living Complex	17	Dania Manor	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	3.5E-06	3.5E-06
Chronic	Urban Community	18	Deep Cove	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	5.6E-06	5.6E-06
Chronic	Urban Community	19	Dollarton	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	1.5E-05	1.5E-05
Chronic	Urban Community	20	Douglas Gilpin	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	4.4E-06	4.4E-06
Chronic	School	22	École Capitol Hill Elementary School	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	1.8E-05	1.8E-05
Chronic	School	23	École Westridge Elementary School	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	8.1E-06	8.1E-06
Chronic	School	24	Forest Grove Elementary School	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	3.8E-06	3.8E-06
Chronic	Urban Community	25	Government Road	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	3.6E-06	3.6E-06
Chronic	Urban Community	27	Lake City	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	4.1E-06	4.1E-06
Chronic	Urban Community	28	Lochdale	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	7.5E-06	7.5E-06
Chronic	School	29	Lochdale Community School	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	6.6E-06	6.6E-06
Chronic	Urban Community	30	Lyndhurst	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	3.1E-06	3.1E-06
Chronic	School	31	Montecito Elementary School	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	4.2E-06	4.2E-06
Chronic	Urban Community	34	Parkcrest Aubrey	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	1.7E-05	1.7E-05
Chronic	Urban Community	35	Port Moody	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	4.1E-06	4.1E-06
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	1.5E-05	1.5E-05
Chronic	Aboriginal Community	37	Seymour Creek 2	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	1.3E-05	1.3E-05
Chronic	Urban Community	39	Seymour Heights	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	9.6E-06	9.6E-06
Chronic	School	40	Seymour Heights Elementary School	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	8.6E-06	8.6E-06
Chronic	School	41	Sherwood Park Elementary School	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	1.5E-05	1.5E-05
Chronic	Urban Community	42	Simon Fraser University	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	6.9E-06	6.9E-06
Chronic	Urban Community	43	Sperling Broadway	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	4.8E-06	4.8E-06
Chronic	School	45	University Highlands Elementary	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	5.5E-06	5.5E-06
Chronic	Urban Community	46	Westridge	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	8.8E-06	8.8E-06
Chronic	Residence	47	Westridge 1	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	1.2E-05	1.2E-05
Chronic	Residence	48	Westridge 2	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	9.9E-06	9.9E-06

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Residence	49	Westridge 3	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	1.0E-05	1.0E-05
Chronic	Urban Community	51	Willingdon Heights	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	1.4E-05	1.4E-05
Chronic	Urban Community	52	Windsor Park	Chromium (Cr3+)	Annual	1.8E-03	1.8E-03	1.8E-03	1.1E-05	1.1E-05
Chronic	Urban Community	2	Belcarra	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	4.3E-06	4.3E-06
Chronic	Urban Community	4	Brentwood	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	8.9E-06	8.9E-06
Chronic	Urban Community	5	Burnaby Heights	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	1.0E-05	1.0E-05
Chronic	Aboriginal Community	10	Burrard Inlet 3	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	7.9E-06	7.9E-06
Chronic	Urban Community	12	Capital Hill	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	1.4E-05	1.4E-05
Chronic	Urban Community	14	Coombe	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	2.9E-06	2.9E-06
Chronic	Urban Community	15	Coquitlam	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	1.9E-06	1.9E-06
Chronic	Urban Community	16	Cove Cliff	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	5.4E-06	5.4E-06
Chronic	Assisted-Living Complex	17	Dania Manor	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	2.0E-06	2.0E-06
Chronic	Urban Community	18	Deep Cove	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	3.2E-06	3.2E-06
Chronic	Urban Community	19	Dollarton	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	8.3E-06	8.3E-06
Chronic	Urban Community	20	Douglas Gilpin	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	2.5E-06	2.5E-06
Chronic	School	22	École Capitol Hill Elementary School	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	1.1E-05	1.1E-05
Chronic	School	23	École Westridge Elementary School	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	4.6E-06	4.6E-06
Chronic	School	24	Forest Grove Elementary School	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	2.1E-06	2.1E-06
Chronic	Urban Community	25	Government Road	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	2.1E-06	2.1E-06
Chronic	Urban Community	27	Lake City	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	2.3E-06	2.3E-06
Chronic	Urban Community	28	Lochdale	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	4.3E-06	4.3E-06
Chronic	School	29	Lochdale Community School	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	3.7E-06	3.7E-06
Chronic	Urban Community	30	Lyndhurst	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	1.7E-06	1.7E-06
Chronic	School	31	Montecito Elementary School	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	2.4E-06	2.4E-06
Chronic	Urban Community	34	Parkcrest Aubrey	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	9.5E-06	9.5E-06
Chronic	Urban Community	35	Port Moody	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	2.4E-06	2.4E-06
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	8.3E-06	8.3E-06
Chronic	Aboriginal Community	37	Seymour Creek 2	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	7.6E-06	7.6E-06
Chronic	Urban Community	39	Seymour Heights	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	5.5E-06	5.5E-06
Chronic	School	40	Seymour Heights Elementary School	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	4.9E-06	4.9E-06
Chronic	School	41	Sherwood Park Elementary School	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	8.3E-06	8.3E-06
Chronic	Urban Community	42	Simon Fraser University	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	3.9E-06	3.9E-06
Chronic	Urban Community	43	Sperling Broadway	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	2.7E-06	2.7E-06
Chronic	School	45	University Highlands Elementary	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	3.1E-06	3.1E-06
Chronic	Urban Community	46	Westridge	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	5.0E-06	5.0E-06

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Residence	47	Westridge 1	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	7.1E-06	7.1E-06
Chronic	Residence	48	Westridge 2	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	5.6E-06	5.6E-06
Chronic	Residence	49	Westridge 3	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	5.9E-06	5.9E-06
Chronic	Urban Community	51	Willingdon Heights	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	8.0E-06	8.0E-06
Chronic	Urban Community	52	Windsor Park	Chromium (Cr6+)	Annual	2.5E-03	2.5E-03	2.5E-03	6.0E-06	6.0E-06
Chronic	Urban Community	2	Belcarra	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	3.3E-03	3.3E-03
Chronic	Urban Community	4	Brentwood	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	6.8E-03	6.8E-03
Chronic	Urban Community	5	Burnaby Heights	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	7.9E-03	7.9E-03
Chronic	Aboriginal Community	10	Burrard Inlet 3	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	6.1E-03	6.1E-03
Chronic	Urban Community	12	Capital Hill	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	1.0E-02	1.0E-02
Chronic	Urban Community	14	Coombe	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	2.2E-03	2.2E-03
Chronic	Urban Community	15	Coquitlam	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	1.4E-03	1.4E-03
Chronic	Urban Community	16	Cove Cliff	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	4.2E-03	4.2E-03
Chronic	Assisted-Living Complex	17	Dania Manor	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	1.5E-03	1.5E-03
Chronic	Urban Community	18	Deep Cove	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	2.5E-03	2.5E-03
Chronic	Urban Community	19	Dollarton	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	6.4E-03	6.4E-03
Chronic	Urban Community	20	Douglas Gilpin	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	1.9E-03	1.9E-03
Chronic	School	22	École Capitol Hill Elementary School	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	8.1E-03	8.1E-03
Chronic	School	23	École Westridge Elementary School	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	3.6E-03	3.6E-03
Chronic	School	24	Forest Grove Elementary School	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	1.6E-03	1.6E-03
Chronic	Urban Community	25	Government Road	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	1.6E-03	1.6E-03
Chronic	Urban Community	27	Lake City	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	1.8E-03	1.8E-03
Chronic	Urban Community	28	Lochdale	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	3.3E-03	3.3E-03
Chronic	School	29	Lochdale Community School	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	2.9E-03	2.9E-03
Chronic	Urban Community	30	Lyndhurst	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	1.3E-03	1.3E-03
Chronic	School	31	Montecito Elementary School	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	1.8E-03	1.8E-03
Chronic	Urban Community	34	Parkcrest Aubrey	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	7.3E-03	7.3E-03
Chronic	Urban Community	35	Port Moody	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	1.8E-03	1.8E-03
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	6.4E-03	6.4E-03
Chronic	Aboriginal Community	37	Seymour Creek 2	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	5.9E-03	5.9E-03
Chronic	Urban Community	39	Seymour Heights	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	4.2E-03	4.2E-03
Chronic	School	40	Seymour Heights Elementary School	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	3.8E-03	3.8E-03
Chronic	School	41	Sherwood Park Elementary School	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	6.4E-03	6.4E-03
Chronic	Urban Community	42	Simon Fraser University	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	3.0E-03	3.0E-03
Chronic	Urban Community	43	Sperling Broadway	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	2.1E-03	2.1E-03

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	School	45	University Highlands Elementary	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	2.4E-03	2.4E-03
Chronic	Urban Community	46	Westridge	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	3.9E-03	3.9E-03
Chronic	Residence	47	Westridge 1	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	5.4E-03	5.4E-03
Chronic	Residence	48	Westridge 2	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	4.3E-03	4.3E-03
Chronic	Residence	49	Westridge 3	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	4.6E-03	4.6E-03
Chronic	Urban Community	51	Willingdon Heights	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	6.1E-03	6.1E-03
Chronic	Urban Community	52	Windsor Park	Chromium (Cr6+)_Cancel	Annual	1.9E+00	1.9E+00	1.9E+00	4.6E-03	4.6E-03
Chronic	Urban Community	2	Belcarra	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	1.4E-05	1.4E-05
Chronic	Urban Community	4	Brentwood	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	2.9E-05	2.9E-05
Chronic	Urban Community	5	Burnaby Heights	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	3.4E-05	3.4E-05
Chronic	Aboriginal Community	10	Burrard Inlet 3	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	2.6E-05	2.6E-05
Chronic	Urban Community	12	Capital Hill	Cobalt	Annual	1.0E-03	1.0E-03	1.1E-03	4.5E-05	4.5E-05
Chronic	Urban Community	14	Coombe	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	9.6E-06	9.6E-06
Chronic	Urban Community	15	Coquitlam	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	6.2E-06	6.2E-06
Chronic	Urban Community	16	Cove Cliff	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	1.8E-05	1.8E-05
Chronic	Assisted-Living Complex	17	Dania Manor	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	6.5E-06	6.5E-06
Chronic	Urban Community	18	Deep Cove	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	1.1E-05	1.1E-05
Chronic	Urban Community	19	Dollarton	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	2.8E-05	2.8E-05
Chronic	Urban Community	20	Douglas Gilpin	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	8.3E-06	8.3E-06
Chronic	School	22	École Capitol Hill Elementary School	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	3.5E-05	3.5E-05
Chronic	School	23	École Westridge Elementary School	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	1.5E-05	1.5E-05
Chronic	School	24	Forest Grove Elementary School	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	7.1E-06	7.1E-06
Chronic	Urban Community	25	Government Road	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	6.8E-06	6.8E-06
Chronic	Urban Community	27	Lake City	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	7.7E-06	7.7E-06
Chronic	Urban Community	28	Lochdale	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	1.4E-05	1.4E-05
Chronic	School	29	Lochdale Community School	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	1.2E-05	1.2E-05
Chronic	Urban Community	30	Lyndhurst	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	5.8E-06	5.8E-06
Chronic	School	31	Montecito Elementary School	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	7.9E-06	7.9E-06
Chronic	Urban Community	34	Parkcrest Aubrey	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	3.2E-05	3.2E-05
Chronic	Urban Community	35	Port Moody	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	7.8E-06	7.8E-06
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	2.8E-05	2.8E-05
Chronic	Aboriginal Community	37	Seymour Creek 2	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	2.5E-05	2.5E-05
Chronic	Urban Community	39	Seymour Heights	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	1.8E-05	1.8E-05
Chronic	School	40	Seymour Heights Elementary School	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	1.6E-05	1.6E-05
Chronic	School	41	Sherwood Park Elementary School	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	2.7E-05	2.7E-05

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	42	Simon Fraser University	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	1.3E-05	1.3E-05
Chronic	Urban Community	43	Sperling Broadway	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	9.0E-06	9.0E-06
Chronic	School	45	University Highlands Elementary	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	1.0E-05	1.0E-05
Chronic	Urban Community	46	Westridge	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	1.7E-05	1.7E-05
Chronic	Residence	47	Westridge 1	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	2.3E-05	2.3E-05
Chronic	Residence	48	Westridge 2	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	1.9E-05	1.9E-05
Chronic	Residence	49	Westridge 3	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	2.0E-05	2.0E-05
Chronic	Urban Community	51	Willingdon Heights	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	2.6E-05	2.6E-05
Chronic	Urban Community	52	Windsor Park	Cobalt	Annual	1.0E-03	1.0E-03	1.0E-03	2.0E-05	2.0E-05
Chronic	Urban Community	2	Belcarra	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	2.1E-07	2.1E-07
Chronic	Urban Community	4	Brentwood	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	4.4E-07	4.4E-07
Chronic	Urban Community	5	Burnaby Heights	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	5.1E-07	5.1E-07
Chronic	Aboriginal Community	10	Burrard Inlet 3	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	3.9E-07	3.9E-07
Chronic	Urban Community	12	Capital Hill	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	6.7E-07	6.7E-07
Chronic	Urban Community	14	Coombe	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	1.4E-07	1.4E-07
Chronic	Urban Community	15	Coquitlam	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	9.3E-08	9.3E-08
Chronic	Urban Community	16	Cove Cliff	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	2.7E-07	2.7E-07
Chronic	Assisted-Living Complex	17	Dania Manor	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	9.9E-08	9.9E-08
Chronic	Urban Community	18	Deep Cove	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	1.6E-07	1.6E-07
Chronic	Urban Community	19	Dollarton	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	4.2E-07	4.2E-07
Chronic	Urban Community	20	Douglas Gilpin	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	1.3E-07	1.3E-07
Chronic	School	22	École Capitol Hill Elementary School	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	5.2E-07	5.2E-07
Chronic	School	23	École Westridge Elementary School	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	2.3E-07	2.3E-07
Chronic	School	24	Forest Grove Elementary School	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	1.1E-07	1.1E-07
Chronic	Urban Community	25	Government Road	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	1.0E-07	1.0E-07
Chronic	Urban Community	27	Lake City	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	1.2E-07	1.2E-07
Chronic	Urban Community	28	Lochdale	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	2.1E-07	2.1E-07
Chronic	School	29	Lochdale Community School	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	1.9E-07	1.9E-07
Chronic	Urban Community	30	Lyndhurst	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	8.7E-08	8.7E-08
Chronic	School	31	Montecito Elementary School	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	1.2E-07	1.2E-07
Chronic	Urban Community	34	Parkcrest Aubrey	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	4.7E-07	4.7E-07
Chronic	Urban Community	35	Port Moody	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	1.2E-07	1.2E-07
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	4.1E-07	4.1E-07
Chronic	Aboriginal Community	37	Seymour Creek 2	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	3.8E-07	3.8E-07
Chronic	Urban Community	39	Seymour Heights	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	2.7E-07	2.7E-07



Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	School	40	Seymour Heights Elementary School	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	2.4E-07	2.4E-07
Chronic	School	41	Sherwood Park Elementary School	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	4.1E-07	4.1E-07
Chronic	Urban Community	42	Simon Fraser University	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	1.9E-07	1.9E-07
Chronic	Urban Community	43	Sperling Broadway	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	1.4E-07	1.4E-07
Chronic	School	45	University Highlands Elementary	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	1.6E-07	1.6E-07
Chronic	Urban Community	46	Westridge	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	2.5E-07	2.5E-07
Chronic	Residence	47	Westridge 1	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	3.5E-07	3.5E-07
Chronic	Residence	48	Westridge 2	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	2.8E-07	2.8E-07
Chronic	Residence	49	Westridge 3	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	2.9E-07	2.9E-07
Chronic	Urban Community	51	Willingdon Heights	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	4.0E-07	4.0E-07
Chronic	Urban Community	52	Windsor Park	Copper	Annual	1.0E-03	1.0E-03	1.0E-03	3.0E-07	3.0E-07
Chronic	Urban Community	2	Belcarra	Cyclohexane	Annual	3.9E-05	4.1E-05	4.1E-05	1.8E-06	1.8E-06
Chronic	Urban Community	4	Brentwood	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	4.9E-07	4.9E-07
Chronic	Urban Community	5	Burnaby Heights	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	5.2E-07	5.2E-07
Chronic	Aboriginal Community	10	Burrard Inlet 3	Cyclohexane	Annual	3.9E-05	4.1E-05	4.1E-05	2.2E-06	2.2E-06
Chronic	Urban Community	12	Capital Hill	Cyclohexane	Annual	3.9E-05	4.1E-05	4.1E-05	1.7E-06	1.7E-06
Chronic	Urban Community	14	Coombe	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	5.2E-07	5.3E-07
Chronic	Urban Community	15	Coquitlam	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	2.1E-09	2.1E-09
Chronic	Urban Community	16	Cove Cliff	Cyclohexane	Annual	3.9E-05	4.0E-05	4.0E-05	1.2E-06	1.2E-06
Chronic	Assisted-Living Complex	17	Dania Manor	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	2.2E-08	2.2E-08
Chronic	Urban Community	18	Deep Cove	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	3.0E-07	3.0E-07
Chronic	Urban Community	19	Dollarton	Cyclohexane	Annual	3.9E-05	4.2E-05	4.2E-05	3.3E-06	3.3E-06
Chronic	Urban Community	20	Douglas Gilpin	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	2.8E-08	2.8E-08
Chronic	School	22	École Capitol Hill Elementary School	Cyclohexane	Annual	3.9E-05	4.0E-05	4.0E-05	8.1E-07	8.1E-07
Chronic	School	23	École Westridge Elementary School	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	4.0E-07	4.0E-07
Chronic	School	24	Forest Grove Elementary School	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	-2.4E-07	-2.4E-07
Chronic	Urban Community	25	Government Road	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	3.5E-08	3.5E-08
Chronic	Urban Community	27	Lake City	Cyclohexane	Annual	4.0E-05	3.9E-05	3.9E-05	-4.5E-07	-4.5E-07
Chronic	Urban Community	28	Lochdale	Cyclohexane	Annual	4.0E-05	3.9E-05	3.9E-05	4.1E-07	4.1E-07
Chronic	School	29	Lochdale Community School	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	1.0E-07	1.0E-07
Chronic	Urban Community	30	Lyndhurst	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	1.3E-08	1.3E-08
Chronic	School	31	Montecito Elementary School	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	-3.1E-08	-3.1E-08
Chronic	Urban Community	34	Parkcrest Aubrey	Cyclohexane	Annual	3.9E-05	4.0E-05	4.0E-05	6.0E-07	6.0E-07
Chronic	Urban Community	35	Port Moody	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	-2.3E-09	-2.3E-09
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	4.1E-07	4.1E-07

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Aboriginal Community	37	Seymour Creek 2	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	5.2E-07	5.2E-07
Chronic	Urban Community	39	Seymour Heights	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	5.5E-07	5.5E-07
Chronic	School	40	Seymour Heights Elementary School	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	2.2E-07	2.2E-07
Chronic	School	41	Sherwood Park Elementary School	Cyclohexane	Annual	3.9E-05	4.2E-05	4.2E-05	2.5E-06	2.6E-06
Chronic	Urban Community	42	Simon Fraser University	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	5.6E-08	5.6E-08
Chronic	Urban Community	43	Sperling Broadway	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	2.4E-08	2.4E-08
Chronic	School	45	University Highlands Elementary	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	-3.0E-10	-3.0E-10
Chronic	Urban Community	46	Westridge	Cyclohexane	Annual	3.9E-05	4.0E-05	4.0E-05	7.5E-07	7.5E-07
Chronic	Residence	47	Westridge 1	Cyclohexane	Annual	3.9E-05	4.1E-05	4.1E-05	2.4E-06	2.4E-06
Chronic	Residence	48	Westridge 2	Cyclohexane	Annual	3.9E-05	4.1E-05	4.1E-05	1.9E-06	1.9E-06
Chronic	Residence	49	Westridge 3	Cyclohexane	Annual	3.9E-05	4.1E-05	4.1E-05	1.7E-06	1.7E-06
Chronic	Urban Community	51	Willingdon Heights	Cyclohexane	Annual	3.9E-05	3.9E-05	3.9E-05	3.7E-07	3.7E-07
Chronic	Urban Community	52	Windsor Park	Cyclohexane	Annual	3.9E-05	4.0E-05	4.0E-05	9.5E-07	9.6E-07
Chronic	Urban Community	2	Belcarra	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	8.7E-07	8.7E-07
Chronic	Urban Community	4	Brentwood	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	3.1E-07	3.1E-07
Chronic	Urban Community	5	Burnaby Heights	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	4.6E-07	4.6E-07
Chronic	Aboriginal Community	10	Burrard Inlet 3	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	1.1E-06	1.1E-06
Chronic	Urban Community	12	Capital Hill	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	8.8E-07	8.8E-07
Chronic	Urban Community	14	Coombe	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	2.7E-07	2.7E-07
Chronic	Urban Community	15	Coquitlam	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	-7.6E-08	-7.6E-08
Chronic	Urban Community	16	Cove Cliff	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	6.4E-07	6.4E-07
Chronic	Assisted-Living Complex	17	Dania Manor	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	2.3E-09	2.3E-09
Chronic	Urban Community	18	Deep Cove	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	1.8E-07	1.8E-07
Chronic	Urban Community	19	Dollarton	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	1.6E-06	1.6E-06
Chronic	Urban Community	20	Douglas Gilpin	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	-1.5E-08	-1.5E-08
Chronic	School	22	École Capitol Hill Elementary School	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	4.1E-07	4.1E-07
Chronic	School	23	École Westridge Elementary School	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	1.5E-07	1.5E-07
Chronic	School	24	Forest Grove Elementary School	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	-7.9E-07	-7.9E-07
Chronic	Urban Community	25	Government Road	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	2.4E-08	2.4E-08
Chronic	Urban Community	27	Lake City	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	-1.4E-06	-1.4E-06
Chronic	Urban Community	28	Lochdale	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	1.5E-07	1.5E-07
Chronic	School	29	Lochdale Community School	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	-7.9E-08	-7.9E-08
Chronic	Urban Community	30	Lyndhurst	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	-3.2E-08	-3.2E-08
Chronic	School	31	Montecito Elementary School	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	-2.3E-07	-2.3E-07
Chronic	Urban Community	34	Parkcrest Aubrey	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	3.4E-07	3.4E-07

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	35	Port Moody	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	-1.2E-07	-1.2E-07
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	3.3E-07	3.3E-07
Chronic	Aboriginal Community	37	Seymour Creek 2	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	4.5E-07	4.5E-07
Chronic	Urban Community	39	Seymour Heights	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	3.4E-07	3.4E-07
Chronic	School	40	Seymour Heights Elementary School	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	1.7E-07	1.7E-07
Chronic	School	41	Sherwood Park Elementary School	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	1.3E-06	1.3E-06
Chronic	Urban Community	42	Simon Fraser University	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	-1.7E-07	-1.7E-07
Chronic	Urban Community	43	Sperling Broadway	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	-1.2E-07	-1.2E-07
Chronic	School	45	University Highlands Elementary	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	-1.8E-07	-1.8E-07
Chronic	Urban Community	46	Westridge	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	3.3E-07	3.3E-07
Chronic	Residence	47	Westridge 1	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	9.3E-07	9.3E-07
Chronic	Residence	48	Westridge 2	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	7.6E-07	7.6E-07
Chronic	Residence	49	Westridge 3	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	7.1E-07	7.1E-07
Chronic	Urban Community	51	Willingdon Heights	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	2.7E-07	2.7E-07
Chronic	Urban Community	52	Windsor Park	Ethylbenzene	Annual	1.0E-03	1.0E-03	1.0E-03	5.4E-07	5.4E-07
Chronic	Urban Community	2	Belcarra	Formaldehyde	Annual	3.0E-05	2.1E-04	2.1E-04	1.8E-04	1.8E-04
Chronic	Urban Community	4	Brentwood	Formaldehyde	Annual	7.5E-05	4.9E-04	4.9E-04	4.1E-04	4.2E-04
Chronic	Urban Community	5	Burnaby Heights	Formaldehyde	Annual	9.7E-05	6.6E-04	6.6E-04	5.6E-04	5.6E-04
Chronic	Aboriginal Community	10	Burrard Inlet 3	Formaldehyde	Annual	6.1E-05	4.4E-04	4.5E-04	3.8E-04	3.9E-04
Chronic	Urban Community	12	Capital Hill	Formaldehyde	Annual	1.0E-04	7.7E-04	7.8E-04	6.7E-04	6.7E-04
Chronic	Urban Community	14	Coombe	Formaldehyde	Annual	2.0E-05	1.3E-04	1.3E-04	1.1E-04	1.1E-04
Chronic	Urban Community	15	Coquitlam	Formaldehyde	Annual	1.4E-05	7.1E-05	7.3E-05	5.7E-05	5.9E-05
Chronic	Urban Community	16	Cove Cliff	Formaldehyde	Annual	3.8E-05	2.6E-04	2.7E-04	2.3E-04	2.3E-04
Chronic	Assisted-Living Complex	17	Dania Manor	Formaldehyde	Annual	1.4E-05	7.0E-05	7.2E-05	5.6E-05	5.7E-05
Chronic	Urban Community	18	Deep Cove	Formaldehyde	Annual	2.1E-05	1.4E-04	1.4E-04	1.2E-04	1.2E-04
Chronic	Urban Community	19	Dollarton	Formaldehyde	Annual	6.5E-05	4.7E-04	4.7E-04	4.0E-04	4.0E-04
Chronic	Urban Community	20	Douglas Gilpin	Formaldehyde	Annual	1.8E-05	9.5E-05	9.7E-05	7.7E-05	7.9E-05
Chronic	School	22	École Capitol Hill Elementary School	Formaldehyde	Annual	8.6E-05	5.8E-04	5.9E-04	5.0E-04	5.0E-04
Chronic	School	23	École Westridge Elementary School	Formaldehyde	Annual	4.1E-05	2.3E-04	2.3E-04	1.9E-04	1.9E-04
Chronic	School	24	Forest Grove Elementary School	Formaldehyde	Annual	1.6E-05	8.2E-05	8.3E-05	6.6E-05	6.7E-05
Chronic	Urban Community	25	Government Road	Formaldehyde	Annual	1.5E-05	7.5E-05	7.6E-05	6.0E-05	6.2E-05
Chronic	Urban Community	27	Lake City	Formaldehyde	Annual	1.8E-05	8.9E-05	9.1E-05	7.1E-05	7.3E-05
Chronic	Urban Community	28	Lochdale	Formaldehyde	Annual	3.4E-05	2.0E-04	2.0E-04	1.7E-04	1.7E-04
Chronic	School	29	Lochdale Community School	Formaldehyde	Annual	2.8E-05	1.6E-04	1.7E-04	1.4E-04	1.4E-04
Chronic	Urban Community	30	Lyndhurst	Formaldehyde	Annual	1.3E-05	6.4E-05	6.5E-05	5.1E-05	5.2E-05

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	School	31	Montecito Elementary School	Formaldehyde	Annual	1.8E-05	9.2E-05	9.3E-05	7.4E-05	7.6E-05
Chronic	Urban Community	34	Parkcrest Aubrey	Formaldehyde	Annual	7.0E-05	5.0E-04	5.0E-04	4.3E-04	4.3E-04
Chronic	Urban Community	35	Port Moody	Formaldehyde	Annual	1.8E-05	9.5E-05	9.6E-05	7.7E-05	7.9E-05
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Formaldehyde	Annual	8.5E-05	5.5E-04	5.5E-04	4.6E-04	4.7E-04
Chronic	Aboriginal Community	37	Seymour Creek 2	Formaldehyde	Annual	7.9E-05	5.3E-04	5.3E-04	4.5E-04	4.5E-04
Chronic	Urban Community	39	Seymour Heights	Formaldehyde	Annual	3.9E-05	2.7E-04	2.7E-04	2.3E-04	2.3E-04
Chronic	School	40	Seymour Heights Elementary School	Formaldehyde	Annual	3.4E-05	2.3E-04	2.3E-04	1.9E-04	1.9E-04
Chronic	School	41	Sherwood Park Elementary School	Formaldehyde	Annual	6.1E-05	4.5E-04	4.5E-04	3.9E-04	3.9E-04
Chronic	Urban Community	42	Simon Fraser University	Formaldehyde	Annual	3.0E-05	1.7E-04	1.8E-04	1.4E-04	1.5E-04
Chronic	Urban Community	43	Sperling Broadway	Formaldehyde	Annual	2.0E-05	1.1E-04	1.1E-04	8.7E-05	8.9E-05
Chronic	School	45	University Highlands Elementary	Formaldehyde	Annual	2.4E-05	1.3E-04	1.4E-04	1.1E-04	1.1E-04
Chronic	Urban Community	46	Westridge	Formaldehyde	Annual	4.3E-05	2.5E-04	2.5E-04	2.1E-04	2.1E-04
Chronic	Residence	47	Westridge 1	Formaldehyde	Annual	9.1E-05	4.1E-04	4.2E-04	3.2E-04	3.2E-04
Chronic	Residence	48	Westridge 2	Formaldehyde	Annual	7.1E-05	3.3E-04	3.3E-04	2.6E-04	2.6E-04
Chronic	Residence	49	Westridge 3	Formaldehyde	Annual	6.1E-05	3.3E-04	3.3E-04	2.7E-04	2.7E-04
Chronic	Urban Community	51	Willingdon Heights	Formaldehyde	Annual	6.7E-05	4.5E-04	4.5E-04	3.9E-04	3.9E-04
Chronic	Urban Community	52	Windsor Park	Formaldehyde	Annual	4.2E-05	3.0E-04	3.0E-04	2.6E-04	2.6E-04
Chronic	Urban Community	2	Belcarra	Formaldehyde_Cancer	Annual	4.1E-04	2.9E-03	2.9E-03	2.5E-03	2.5E-03
Chronic	Urban Community	4	Brentwood	Formaldehyde_Cancer	Annual	1.0E-03	6.7E-03	6.7E-03	5.7E-03	5.7E-03
Chronic	Urban Community	5	Burnaby Heights	Formaldehyde_Cancer	Annual	1.3E-03	9.0E-03	9.1E-03	7.7E-03	7.7E-03
Chronic	Aboriginal Community	10	Burrard Inlet 3	Formaldehyde_Cancer	Annual	8.3E-04	6.1E-03	6.1E-03	5.3E-03	5.3E-03
Chronic	Urban Community	12	Capital Hill	Formaldehyde_Cancer	Annual	1.4E-03	1.1E-02	1.1E-02	9.2E-03	9.3E-03
Chronic	Urban Community	14	Coombe	Formaldehyde_Cancer	Annual	2.7E-04	1.8E-03	1.8E-03	1.5E-03	1.5E-03
Chronic	Urban Community	15	Coquitlam	Formaldehyde_Cancer	Annual	1.9E-04	9.8E-04	1.0E-03	7.9E-04	8.1E-04
Chronic	Urban Community	16	Cove Cliff	Formaldehyde_Cancer	Annual	5.3E-04	3.6E-03	3.7E-03	3.1E-03	3.1E-03
Chronic	Assisted-Living Complex	17	Dania Manor	Formaldehyde_Cancer	Annual	2.0E-04	9.6E-04	9.8E-04	7.7E-04	7.9E-04
Chronic	Urban Community	18	Deep Cove	Formaldehyde_Cancer	Annual	2.9E-04	1.9E-03	1.9E-03	1.6E-03	1.6E-03
Chronic	Urban Community	19	Dollarton	Formaldehyde_Cancer	Annual	9.0E-04	6.4E-03	6.4E-03	5.5E-03	5.5E-03
Chronic	Urban Community	20	Douglas Gilpin	Formaldehyde_Cancer	Annual	2.5E-04	1.3E-03	1.3E-03	1.1E-03	1.1E-03
Chronic	School	22	École Capitol Hill Elementary School	Formaldehyde_Cancer	Annual	1.2E-03	8.0E-03	8.1E-03	6.8E-03	6.9E-03
Chronic	School	23	École Westridge Elementary School	Formaldehyde_Cancer	Annual	5.6E-04	3.1E-03	3.1E-03	2.5E-03	2.6E-03
Chronic	School	24	Forest Grove Elementary School	Formaldehyde_Cancer	Annual	2.2E-04	1.1E-03	1.1E-03	9.0E-04	9.2E-04
Chronic	Urban Community	25	Government Road	Formaldehyde_Cancer	Annual	2.0E-04	1.0E-03	1.0E-03	8.3E-04	8.5E-04
Chronic	Urban Community	27	Lake City	Formaldehyde_Cancer	Annual	2.4E-04	1.2E-03	1.2E-03	9.8E-04	1.0E-03
Chronic	Urban Community	28	Lochdale	Formaldehyde_Cancer	Annual	4.7E-04	2.8E-03	2.8E-03	2.3E-03	2.3E-03

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	School	29	Lochdale Community School	Formaldehyde_Cancer	Annual	3.8E-04	2.2E-03	2.3E-03	1.9E-03	1.9E-03
Chronic	Urban Community	30	Lyndhurst	Formaldehyde_Cancer	Annual	1.8E-04	8.8E-04	8.9E-04	7.0E-04	7.2E-04
Chronic	School	31	Montecito Elementary School	Formaldehyde_Cancer	Annual	2.4E-04	1.3E-03	1.3E-03	1.0E-03	1.0E-03
Chronic	Urban Community	34	Parkcrest Aubrey	Formaldehyde_Cancer	Annual	9.7E-04	6.9E-03	6.9E-03	5.9E-03	5.9E-03
Chronic	Urban Community	35	Port Moody	Formaldehyde_Cancer	Annual	2.4E-04	1.3E-03	1.3E-03	1.1E-03	1.1E-03
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Formaldehyde_Cancer	Annual	1.2E-03	7.5E-03	7.6E-03	6.4E-03	6.4E-03
Chronic	Aboriginal Community	37	Seymour Creek 2	Formaldehyde_Cancer	Annual	1.1E-03	7.2E-03	7.3E-03	6.1E-03	6.2E-03
Chronic	Urban Community	39	Seymour Heights	Formaldehyde_Cancer	Annual	5.3E-04	3.7E-03	3.7E-03	3.1E-03	3.2E-03
Chronic	School	40	Seymour Heights Elementary School	Formaldehyde_Cancer	Annual	4.7E-04	3.1E-03	3.1E-03	2.7E-03	2.7E-03
Chronic	School	41	Sherwood Park Elementary School	Formaldehyde_Cancer	Annual	8.4E-04	6.2E-03	6.2E-03	5.3E-03	5.3E-03
Chronic	Urban Community	42	Simon Fraser University	Formaldehyde_Cancer	Annual	4.2E-04	2.4E-03	2.4E-03	2.0E-03	2.0E-03
Chronic	Urban Community	43	Sperling Broadway	Formaldehyde_Cancer	Annual	2.7E-04	1.5E-03	1.5E-03	1.2E-03	1.2E-03
Chronic	School	45	University Highlands Elementary	Formaldehyde_Cancer	Annual	3.3E-04	1.8E-03	1.9E-03	1.5E-03	1.5E-03
Chronic	Urban Community	46	Westridge	Formaldehyde_Cancer	Annual	5.9E-04	3.4E-03	3.5E-03	2.9E-03	2.9E-03
Chronic	Residence	47	Westridge 1	Formaldehyde_Cancer	Annual	1.3E-03	5.7E-03	5.7E-03	4.4E-03	4.5E-03
Chronic	Residence	48	Westridge 2	Formaldehyde_Cancer	Annual	9.7E-04	4.5E-03	4.5E-03	3.5E-03	3.5E-03
Chronic	Residence	49	Westridge 3	Formaldehyde_Cancer	Annual	8.3E-04	4.5E-03	4.6E-03	3.7E-03	3.7E-03
Chronic	Urban Community	51	Willingdon Heights	Formaldehyde_Cancer	Annual	9.2E-04	6.2E-03	6.2E-03	5.3E-03	5.3E-03
Chronic	Urban Community	52	Windsor Park	Formaldehyde_Cancer	Annual	5.8E-04	4.1E-03	4.1E-03	3.5E-03	3.6E-03
Chronic	Urban Community	2	Belcarra	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	2.7E-06	2.7E-06
Chronic	Urban Community	4	Brentwood	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	5.5E-06	5.5E-06
Chronic	Urban Community	5	Burnaby Heights	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	6.4E-06	6.4E-06
Chronic	Aboriginal Community	10	Burrard Inlet 3	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	4.9E-06	4.9E-06
Chronic	Urban Community	12	Capital Hill	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	8.4E-06	8.4E-06
Chronic	Urban Community	14	Coombe	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	1.8E-06	1.8E-06
Chronic	Urban Community	15	Coquitlam	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	1.2E-06	1.2E-06
Chronic	Urban Community	16	Cove Cliff	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	3.3E-06	3.3E-06
Chronic	Assisted-Living Complex	17	Dania Manor	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	1.2E-06	1.2E-06
Chronic	Urban Community	18	Deep Cove	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	2.0E-06	2.0E-06
Chronic	Urban Community	19	Dollarton	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	5.2E-06	5.2E-06
Chronic	Urban Community	20	Douglas Gilpin	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	1.6E-06	1.6E-06
Chronic	School	22	École Capitol Hill Elementary School	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	6.5E-06	6.5E-06
Chronic	School	23	École Westridge Elementary School	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	2.9E-06	2.9E-06
Chronic	School	24	Forest Grove Elementary School	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	1.3E-06	1.3E-06
Chronic	Urban Community	25	Government Road	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	1.3E-06	1.3E-06

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	27	Lake City	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	1.4E-06	1.4E-06
Chronic	Urban Community	28	Lochdale	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	2.6E-06	2.6E-06
Chronic	School	29	Lochdale Community School	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	2.3E-06	2.3E-06
Chronic	Urban Community	30	Lyndhurst	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	1.1E-06	1.1E-06
Chronic	School	31	Montecito Elementary School	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	1.5E-06	1.5E-06
Chronic	Urban Community	34	Parkcrest Aubrey	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	5.9E-06	5.9E-06
Chronic	Urban Community	35	Port Moody	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	1.5E-06	1.5E-06
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	5.1E-06	5.1E-06
Chronic	Aboriginal Community	37	Seymour Creek 2	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	4.7E-06	4.7E-06
Chronic	Urban Community	39	Seymour Heights	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	3.4E-06	3.4E-06
Chronic	School	40	Seymour Heights Elementary School	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	3.0E-06	3.0E-06
Chronic	School	41	Sherwood Park Elementary School	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	5.1E-06	5.1E-06
Chronic	Urban Community	42	Simon Fraser University	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	2.4E-06	2.4E-06
Chronic	Urban Community	43	Sperling Broadway	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	1.7E-06	1.7E-06
Chronic	School	45	University Highlands Elementary	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	1.9E-06	1.9E-06
Chronic	Urban Community	46	Westridge	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	3.1E-06	3.1E-06
Chronic	Residence	47	Westridge 1	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	4.4E-06	4.4E-06
Chronic	Residence	48	Westridge 2	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	3.5E-06	3.5E-06
Chronic	Residence	49	Westridge 3	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	3.7E-06	3.7E-06
Chronic	Urban Community	51	Willingdon Heights	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	4.9E-06	4.9E-06
Chronic	Urban Community	52	Windsor Park	Manganese	Annual	1.1E-02	1.1E-02	1.1E-02	3.7E-06	3.7E-06
Chronic	Urban Community	2	Belcarra	Mercury	Annual	9.2E-09	4.3E-08	4.0E-08	3.4E-08	3.4E-08
Chronic	Urban Community	4	Brentwood	Mercury	Annual	2.0E-08	9.0E-08	8.2E-08	7.0E-08	7.0E-08
Chronic	Urban Community	5	Burnaby Heights	Mercury	Annual	2.2E-08	1.0E-07	9.5E-08	8.1E-08	8.1E-08
Chronic	Aboriginal Community	10	Burrard Inlet 3	Mercury	Annual	1.4E-08	7.6E-08	7.2E-08	6.2E-08	6.2E-08
Chronic	Urban Community	12	Capital Hill	Mercury	Annual	2.3E-08	1.3E-07	1.2E-07	1.1E-07	1.1E-07
Chronic	Urban Community	14	Coombe	Mercury	Annual	7.3E-09	3.0E-08	2.7E-08	2.3E-08	2.3E-08
Chronic	Urban Community	15	Coquitlam	Mercury	Annual	7.2E-09	2.2E-08	1.8E-08	1.5E-08	1.5E-08
Chronic	Urban Community	16	Cove Cliff	Mercury	Annual	1.1E-08	5.4E-08	5.0E-08	4.3E-08	4.3E-08
Chronic	Assisted-Living Complex	17	Dania Manor	Mercury	Annual	8.0E-09	2.4E-08	1.9E-08	1.6E-08	1.6E-08
Chronic	Urban Community	18	Deep Cove	Mercury	Annual	7.9E-09	3.3E-08	3.0E-08	2.5E-08	2.5E-08
Chronic	Urban Community	19	Dollarton	Mercury	Annual	1.5E-08	8.1E-08	7.7E-08	6.6E-08	6.6E-08
Chronic	Urban Community	20	Douglas Gilpin	Mercury	Annual	8.7E-09	2.9E-08	2.4E-08	2.0E-08	2.0E-08
Chronic	School	22	École Capitol Hill Elementary School	Mercury	Annual	2.1E-08	1.0E-07	9.6E-08	8.3E-08	8.3E-08
Chronic	School	23	École Westridge Elementary School	Mercury	Annual	1.3E-08	4.9E-08	4.4E-08	3.6E-08	3.6E-08

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	School	24	Forest Grove Elementary School	Mercury	Annual	8.0E-09	2.5E-08	2.0E-08	1.7E-08	1.7E-08
Chronic	Urban Community	25	Government Road	Mercury	Annual	7.7E-09	2.4E-08	2.0E-08	1.6E-08	1.6E-08
Chronic	Urban Community	27	Lake City	Mercury	Annual	8.6E-09	2.7E-08	2.2E-08	1.8E-08	1.8E-08
Chronic	Urban Community	28	Lochdale	Mercury	Annual	1.2E-08	4.6E-08	4.0E-08	3.4E-08	3.4E-08
Chronic	School	29	Lochdale Community School	Mercury	Annual	1.1E-08	4.0E-08	3.5E-08	3.0E-08	3.0E-08
Chronic	Urban Community	30	Lyndhurst	Mercury	Annual	7.0E-09	2.1E-08	1.7E-08	1.4E-08	1.4E-08
Chronic	School	31	Montecito Elementary School	Mercury	Annual	8.5E-09	2.7E-08	2.3E-08	1.9E-08	1.9E-08
Chronic	Urban Community	34	Parkcrest Aubrey	Mercury	Annual	1.8E-08	9.3E-08	8.7E-08	7.5E-08	7.5E-08
Chronic	Urban Community	35	Port Moody	Mercury	Annual	8.1E-09	2.7E-08	2.2E-08	1.9E-08	1.9E-08
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Mercury	Annual	2.0E-08	8.6E-08	7.7E-08	6.6E-08	6.6E-08
Chronic	Aboriginal Community	37	Seymour Creek 2	Mercury	Annual	1.8E-08	7.8E-08	7.1E-08	6.0E-08	6.0E-08
Chronic	Urban Community	39	Seymour Heights	Mercury	Annual	1.2E-08	5.5E-08	5.1E-08	4.3E-08	4.3E-08
Chronic	School	40	Seymour Heights Elementary School	Mercury	Annual	1.1E-08	5.0E-08	4.5E-08	3.9E-08	3.9E-08
Chronic	School	41	Sherwood Park Elementary School	Mercury	Annual	1.5E-08	8.0E-08	7.6E-08	6.5E-08	6.5E-08
Chronic	Urban Community	42	Simon Fraser University	Mercury	Annual	1.1E-08	4.2E-08	3.7E-08	3.1E-08	3.1E-08
Chronic	Urban Community	43	Sperling Broadway	Mercury	Annual	9.2E-09	3.0E-08	2.6E-08	2.1E-08	2.1E-08
Chronic	School	45	University Highlands Elementary	Mercury	Annual	9.6E-09	3.4E-08	2.9E-08	2.5E-08	2.5E-08
Chronic	Urban Community	46	Westridge	Mercury	Annual	1.3E-08	5.3E-08	4.7E-08	4.0E-08	4.0E-08
Chronic	Residence	47	Westridge 1	Mercury	Annual	2.0E-08	7.6E-08	7.1E-08	5.6E-08	5.6E-08
Chronic	Residence	48	Westridge 2	Mercury	Annual	1.7E-08	6.2E-08	5.6E-08	4.4E-08	4.4E-08
Chronic	Residence	49	Westridge 3	Mercury	Annual	1.6E-08	6.3E-08	5.7E-08	4.7E-08	4.7E-08
Chronic	Urban Community	51	Willingdon Heights	Mercury	Annual	1.7E-08	8.0E-08	7.3E-08	6.3E-08	6.3E-08
Chronic	Urban Community	52	Windsor Park	Mercury	Annual	1.2E-08	5.9E-08	5.5E-08	4.7E-08	4.7E-08
Chronic	Urban Community	2	Belcarra	Molybdenum	Annual	8.3E-06	8.3E-06	8.4E-06	1.8E-08	1.8E-08
Chronic	Urban Community	4	Brentwood	Molybdenum	Annual	8.3E-06	8.4E-06	8.4E-06	3.6E-08	3.6E-08
Chronic	Urban Community	5	Burnaby Heights	Molybdenum	Annual	8.3E-06	8.4E-06	8.4E-06	4.2E-08	4.2E-08
Chronic	Aboriginal Community	10	Burrard Inlet 3	Molybdenum	Annual	8.3E-06	8.3E-06	8.4E-06	3.2E-08	3.2E-08
Chronic	Urban Community	12	Capital Hill	Molybdenum	Annual	8.3E-06	8.4E-06	8.4E-06	5.5E-08	5.5E-08
Chronic	Urban Community	14	Coombe	Molybdenum	Annual	8.3E-06	8.3E-06	8.3E-06	1.2E-08	1.2E-08
Chronic	Urban Community	15	Coquitlam	Molybdenum	Annual	8.3E-06	8.3E-06	8.3E-06	7.6E-09	7.6E-09
Chronic	Urban Community	16	Cove Cliff	Molybdenum	Annual	8.3E-06	8.3E-06	8.4E-06	2.2E-08	2.2E-08
Chronic	Assisted-Living Complex	17	Dania Manor	Molybdenum	Annual	8.3E-06	8.3E-06	8.3E-06	8.1E-09	8.1E-09
Chronic	Urban Community	18	Deep Cove	Molybdenum	Annual	8.3E-06	8.3E-06	8.3E-06	1.3E-08	1.3E-08
Chronic	Urban Community	19	Dollarton	Molybdenum	Annual	8.3E-06	8.4E-06	8.4E-06	3.4E-08	3.4E-08
Chronic	Urban Community	20	Douglas Gilpin	Molybdenum	Annual	8.3E-06	8.3E-06	8.3E-06	1.0E-08	1.0E-08

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	School	22	École Capitol Hill Elementary School	Molybdenum	Annual	8.3E-06	8.4E-06	8.4E-06	4.3E-08	4.3E-08
Chronic	School	23	École Westridge Elementary School	Molybdenum	Annual	8.3E-06	8.3E-06	8.4E-06	1.9E-08	1.9E-08
Chronic	School	24	Forest Grove Elementary School	Molybdenum	Annual	8.3E-06	8.3E-06	8.3E-06	8.7E-09	8.7E-09
Chronic	Urban Community	25	Government Road	Molybdenum	Annual	8.3E-06	8.3E-06	8.3E-06	8.4E-09	8.4E-09
Chronic	Urban Community	27	Lake City	Molybdenum	Annual	8.3E-06	8.3E-06	8.3E-06	9.4E-09	9.4E-09
Chronic	Urban Community	28	Lochdale	Molybdenum	Annual	8.3E-06	8.3E-06	8.4E-06	1.7E-08	1.7E-08
Chronic	School	29	Lochdale Community School	Molybdenum	Annual	8.3E-06	8.3E-06	8.4E-06	1.5E-08	1.5E-08
Chronic	Urban Community	30	Lyndhurst	Molybdenum	Annual	8.3E-06	8.3E-06	8.3E-06	7.1E-09	7.1E-09
Chronic	School	31	Montecito Elementary School	Molybdenum	Annual	8.3E-06	8.3E-06	8.3E-06	9.8E-09	9.8E-09
Chronic	Urban Community	34	Parkcrest Aubrey	Molybdenum	Annual	8.3E-06	8.4E-06	8.4E-06	3.9E-08	3.9E-08
Chronic	Urban Community	35	Port Moody	Molybdenum	Annual	8.3E-06	8.3E-06	8.3E-06	9.6E-09	9.6E-09
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Molybdenum	Annual	8.3E-06	8.4E-06	8.4E-06	3.4E-08	3.4E-08
Chronic	Aboriginal Community	37	Seymour Creek 2	Molybdenum	Annual	8.3E-06	8.3E-06	8.4E-06	3.1E-08	3.1E-08
Chronic	Urban Community	39	Seymour Heights	Molybdenum	Annual	8.3E-06	8.3E-06	8.4E-06	2.2E-08	2.2E-08
Chronic	School	40	Seymour Heights Elementary School	Molybdenum	Annual	8.3E-06	8.3E-06	8.4E-06	2.0E-08	2.0E-08
Chronic	School	41	Sherwood Park Elementary School	Molybdenum	Annual	8.3E-06	8.3E-06	8.4E-06	3.4E-08	3.4E-08
Chronic	Urban Community	42	Simon Fraser University	Molybdenum	Annual	8.3E-06	8.3E-06	8.4E-06	1.6E-08	1.6E-08
Chronic	Urban Community	43	Sperling Broadway	Molybdenum	Annual	8.3E-06	8.3E-06	8.3E-06	1.1E-08	1.1E-08
Chronic	School	45	University Highlands Elementary	Molybdenum	Annual	8.3E-06	8.3E-06	8.3E-06	1.3E-08	1.3E-08
Chronic	Urban Community	46	Westridge	Molybdenum	Annual	8.3E-06	8.3E-06	8.4E-06	2.0E-08	2.0E-08
Chronic	Residence	47	Westridge 1	Molybdenum	Annual	8.3E-06	8.3E-06	8.4E-06	2.9E-08	2.9E-08
Chronic	Residence	48	Westridge 2	Molybdenum	Annual	8.3E-06	8.3E-06	8.4E-06	2.3E-08	2.3E-08
Chronic	Residence	49	Westridge 3	Molybdenum	Annual	8.3E-06	8.3E-06	8.4E-06	2.4E-08	2.4E-08
Chronic	Urban Community	51	Willingdon Heights	Molybdenum	Annual	8.3E-06	8.3E-06	8.4E-06	3.2E-08	3.2E-08
Chronic	Urban Community	52	Windsor Park	Molybdenum	Annual	8.3E-06	8.3E-06	8.4E-06	2.4E-08	2.4E-08
Chronic	Urban Community	2	Belcarra	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	6.2E-06	6.2E-06
Chronic	Urban Community	4	Brentwood	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	1.2E-05	1.2E-05
Chronic	Urban Community	5	Burnaby Heights	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	1.5E-05	1.5E-05
Chronic	Aboriginal Community	10	Burrard Inlet 3	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	1.1E-05	1.1E-05
Chronic	Urban Community	12	Capital Hill	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	1.9E-05	1.9E-05
Chronic	Urban Community	14	Coombe	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	4.1E-06	4.1E-06
Chronic	Urban Community	15	Coquitlam	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	2.6E-06	2.6E-06
Chronic	Urban Community	16	Cove Cliff	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	7.7E-06	7.7E-06
Chronic	Assisted-Living Complex	17	Dania Manor	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	2.8E-06	2.8E-06
Chronic	Urban Community	18	Deep Cove	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	4.5E-06	4.5E-06



Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	19	Dollarton	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	1.2E-05	1.2E-05
Chronic	Urban Community	20	Douglas Gilpin	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	3.5E-06	3.5E-06
Chronic	School	22	École Capitol Hill Elementary School	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	1.5E-05	1.5E-05
Chronic	School	23	École Westridge Elementary School	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	6.5E-06	6.5E-06
Chronic	School	24	Forest Grove Elementary School	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	3.0E-06	3.0E-06
Chronic	Urban Community	25	Government Road	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	2.9E-06	2.9E-06
Chronic	Urban Community	27	Lake City	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	3.3E-06	3.3E-06
Chronic	Urban Community	28	Lochdale	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	6.0E-06	6.0E-06
Chronic	School	29	Lochdale Community School	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	5.3E-06	5.3E-06
Chronic	Urban Community	30	Lyndhurst	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	2.4E-06	2.4E-06
Chronic	School	31	Montecito Elementary School	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	3.4E-06	3.4E-06
Chronic	Urban Community	34	Parkcrest Aubrey	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	1.3E-05	1.3E-05
Chronic	Urban Community	35	Port Moody	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	3.3E-06	3.3E-06
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	1.2E-05	1.2E-05
Chronic	Aboriginal Community	37	Seymour Creek 2	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	1.1E-05	1.1E-05
Chronic	Urban Community	39	Seymour Heights	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	7.7E-06	7.7E-06
Chronic	School	40	Seymour Heights Elementary School	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	6.9E-06	6.9E-06
Chronic	School	41	Sherwood Park Elementary School	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	1.2E-05	1.2E-05
Chronic	Urban Community	42	Simon Fraser University	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	5.5E-06	5.5E-06
Chronic	Urban Community	43	Sperling Broadway	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	3.8E-06	3.8E-06
Chronic	School	45	University Highlands Elementary	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	4.4E-06	4.4E-06
Chronic	Urban Community	46	Westridge	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	7.1E-06	7.1E-06
Chronic	Residence	47	Westridge 1	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	1.0E-05	1.0E-05
Chronic	Residence	48	Westridge 2	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	8.0E-06	8.0E-06
Chronic	Residence	49	Westridge 3	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	8.4E-06	8.4E-06
Chronic	Urban Community	51	Willingdon Heights	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	1.1E-05	1.1E-05
Chronic	Urban Community	52	Windsor Park	Naphthalene	Annual	3.6E-02	3.6E-02	3.6E-02	8.5E-06	8.5E-06
Chronic	Urban Community	2	Belcarra	n-Hexane	Annual	4.6E-05	3.0E-04	3.0E-04	2.7E-04	2.7E-04
Chronic	Urban Community	4	Brentwood	n-Hexane	Annual	2.3E-05	7.7E-05	7.7E-05	5.8E-05	5.8E-05
Chronic	Urban Community	5	Burnaby Heights	n-Hexane	Annual	1.9E-05	8.1E-05	8.1E-05	6.6E-05	6.6E-05
Chronic	Aboriginal Community	10	Burrard Inlet 3	n-Hexane	Annual	5.5E-05	3.6E-04	3.6E-04	3.2E-04	3.2E-04
Chronic	Urban Community	12	Capital Hill	n-Hexane	Annual	4.0E-05	2.4E-04	2.4E-04	2.1E-04	2.1E-04
Chronic	Urban Community	14	Coombe	n-Hexane	Annual	1.4E-05	8.6E-05	8.6E-05	7.6E-05	7.6E-05
Chronic	Urban Community	15	Coquitlam	n-Hexane	Annual	1.7E-05	1.2E-05	1.2E-05	-4.3E-06	-4.3E-06
Chronic	Urban Community	16	Cove Cliff	n-Hexane	Annual	3.2E-05	2.0E-04	2.0E-04	1.8E-04	1.8E-04

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Assisted-Living Complex	17	Dania Manor	n-Hexane	Annual	1.2E-05	1.0E-05	1.0E-05	-9.4E-07	-9.4E-07
Chronic	Urban Community	18	Deep Cove	n-Hexane	Annual	8.9E-06	5.0E-05	5.0E-05	4.4E-05	4.4E-05
Chronic	Urban Community	19	Dollarton	n-Hexane	Annual	8.2E-05	5.4E-04	5.4E-04	4.9E-04	4.9E-04
Chronic	Urban Community	20	Douglas Gilpin	n-Hexane	Annual	2.0E-05	1.7E-05	1.7E-05	-1.3E-06	-1.3E-06
Chronic	School	22	École Capitol Hill Elementary School	n-Hexane	Annual	3.1E-05	1.3E-04	1.3E-04	1.0E-04	1.0E-04
Chronic	School	23	École Westridge Elementary School	n-Hexane	Annual	3.2E-05	7.9E-05	7.9E-05	5.1E-05	5.1E-05
Chronic	School	24	Forest Grove Elementary School	n-Hexane	Annual	8.7E-05	4.4E-05	4.4E-05	-4.1E-05	-4.1E-05
Chronic	Urban Community	25	Government Road	n-Hexane	Annual	3.1E-05	2.3E-05	2.2E-05	-2.7E-06	-2.7E-06
Chronic	Urban Community	27	Lake City	n-Hexane	Annual	1.7E-04	1.0E-04	1.0E-04	-4.8E-05	-4.8E-05
Chronic	Urban Community	28	Lochdale	n-Hexane	Annual	1.2E-04	1.0E-04	1.0E-04	5.2E-05	5.2E-05
Chronic	School	29	Lochdale Community School	n-Hexane	Annual	4.3E-05	4.7E-05	4.7E-05	7.3E-06	7.3E-06
Chronic	Urban Community	30	Lyndhurst	n-Hexane	Annual	1.9E-05	1.3E-05	1.3E-05	-4.5E-06	-4.5E-06
Chronic	School	31	Montecito Elementary School	n-Hexane	Annual	5.6E-05	4.1E-05	4.1E-05	-1.2E-05	-1.2E-05
Chronic	Urban Community	34	Parkcrest Aubrey	n-Hexane	Annual	3.5E-05	1.0E-04	1.0E-04	7.7E-05	7.7E-05
Chronic	Urban Community	35	Port Moody	n-Hexane	Annual	1.8E-05	1.4E-05	1.4E-05	-4.6E-07	-4.6E-07
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	n-Hexane	Annual	1.7E-05	7.1E-05	7.1E-05	5.7E-05	5.7E-05
Chronic	Aboriginal Community	37	Seymour Creek 2	n-Hexane	Annual	1.6E-05	8.5E-05	8.5E-05	7.3E-05	7.3E-05
Chronic	Urban Community	39	Seymour Heights	n-Hexane	Annual	1.6E-05	9.3E-05	9.3E-05	8.3E-05	8.3E-05
Chronic	School	40	Seymour Heights Elementary School	n-Hexane	Annual	7.3E-06	3.8E-05	3.8E-05	3.2E-05	3.2E-05
Chronic	School	41	Sherwood Park Elementary School	n-Hexane	Annual	6.6E-05	4.3E-04	4.3E-04	3.9E-04	3.9E-04
Chronic	Urban Community	42	Simon Fraser University	n-Hexane	Annual	4.3E-05	3.7E-05	3.7E-05	-4.1E-06	-4.1E-06
Chronic	Urban Community	43	Sperling Broadway	n-Hexane	Annual	7.3E-05	5.7E-05	5.7E-05	-5.5E-06	-5.5E-06
Chronic	School	45	University Highlands Elementary	n-Hexane	Annual	2.1E-05	2.0E-05	2.0E-05	-6.7E-07	-6.7E-07
Chronic	Urban Community	46	Westridge	n-Hexane	Annual	3.2E-05	1.2E-04	1.2E-04	9.4E-05	9.4E-05
Chronic	Residence	47	Westridge 1	n-Hexane	Annual	3.8E-05	3.1E-04	3.1E-04	2.8E-04	2.8E-04
Chronic	Residence	48	Westridge 2	n-Hexane	Annual	4.0E-05	2.6E-04	2.6E-04	2.3E-04	2.3E-04
Chronic	Residence	49	Westridge 3	n-Hexane	Annual	3.7E-05	2.4E-04	2.4E-04	2.1E-04	2.1E-04
Chronic	Urban Community	51	Willingdon Heights	n-Hexane	Annual	1.9E-05	6.0E-05	6.1E-05	4.5E-05	4.5E-05
Chronic	Urban Community	52	Windsor Park	n-Hexane	Annual	2.6E-05	1.6E-04	1.6E-04	1.4E-04	1.4E-04
Chronic	Urban Community	2	Belcarra	Nickel	Annual	4.4E-02	4.7E-02	4.6E-02	2.9E-03	2.9E-03
Chronic	Urban Community	4	Brentwood	Nickel	Annual	4.5E-02	5.1E-02	5.0E-02	6.0E-03	6.0E-03
Chronic	Urban Community	5	Burnaby Heights	Nickel	Annual	4.5E-02	5.2E-02	5.1E-02	7.0E-03	7.0E-03
Chronic	Aboriginal Community	10	Burrard Inlet 3	Nickel	Annual	4.4E-02	4.9E-02	4.9E-02	5.3E-03	5.3E-03
Chronic	Urban Community	12	Capital Hill	Nickel	Annual	4.5E-02	5.4E-02	5.3E-02	9.2E-03	9.2E-03
Chronic	Urban Community	14	Coombe	Nickel	Annual	4.3E-02	4.5E-02	4.5E-02	2.0E-03	2.0E-03

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	15	Coquitlam	Nickel	Annual	4.3E-02	4.5E-02	4.4E-02	1.3E-03	1.3E-03
Chronic	Urban Community	16	Cove Cliff	Nickel	Annual	4.4E-02	4.7E-02	4.7E-02	3.7E-03	3.7E-03
Chronic	Assisted-Living Complex	17	Dania Manor	Nickel	Annual	4.4E-02	4.5E-02	4.4E-02	1.3E-03	1.3E-03
Chronic	Urban Community	18	Deep Cove	Nickel	Annual	4.4E-02	4.6E-02	4.5E-02	2.2E-03	2.2E-03
Chronic	Urban Community	19	Dollarton	Nickel	Annual	4.4E-02	5.0E-02	4.9E-02	5.7E-03	5.7E-03
Chronic	Urban Community	20	Douglas Gilpin	Nickel	Annual	4.4E-02	4.5E-02	4.5E-02	1.7E-03	1.7E-03
Chronic	School	22	École Capitol Hill Elementary School	Nickel	Annual	4.5E-02	5.2E-02	5.1E-02	7.2E-03	7.2E-03
Chronic	School	23	École Westridge Elementary School	Nickel	Annual	4.4E-02	4.7E-02	4.7E-02	3.1E-03	3.1E-03
Chronic	School	24	Forest Grove Elementary School	Nickel	Annual	4.4E-02	4.5E-02	4.5E-02	1.5E-03	1.5E-03
Chronic	Urban Community	25	Government Road	Nickel	Annual	4.4E-02	4.5E-02	4.5E-02	1.4E-03	1.4E-03
Chronic	Urban Community	27	Lake City	Nickel	Annual	4.4E-02	4.5E-02	4.5E-02	1.6E-03	1.6E-03
Chronic	Urban Community	28	Lochdale	Nickel	Annual	4.4E-02	4.7E-02	4.6E-02	2.9E-03	2.9E-03
Chronic	School	29	Lochdale Community School	Nickel	Annual	4.4E-02	4.6E-02	4.6E-02	2.5E-03	2.5E-03
Chronic	Urban Community	30	Lyndhurst	Nickel	Annual	4.3E-02	4.5E-02	4.4E-02	1.2E-03	1.2E-03
Chronic	School	31	Montecito Elementary School	Nickel	Annual	4.4E-02	4.5E-02	4.5E-02	1.6E-03	1.6E-03
Chronic	Urban Community	34	Parkcrest Aubrey	Nickel	Annual	4.4E-02	5.1E-02	5.0E-02	6.5E-03	6.5E-03
Chronic	Urban Community	35	Port Moody	Nickel	Annual	4.4E-02	4.5E-02	4.5E-02	1.6E-03	1.6E-03
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Nickel	Annual	4.5E-02	5.0E-02	4.9E-02	5.7E-03	5.7E-03
Chronic	Aboriginal Community	37	Seymour Creek 2	Nickel	Annual	4.4E-02	5.0E-02	4.9E-02	5.2E-03	5.2E-03
Chronic	Urban Community	39	Seymour Heights	Nickel	Annual	4.4E-02	4.8E-02	4.7E-02	3.7E-03	3.7E-03
Chronic	School	40	Seymour Heights Elementary School	Nickel	Annual	4.4E-02	4.7E-02	4.7E-02	3.3E-03	3.3E-03
Chronic	School	41	Sherwood Park Elementary School	Nickel	Annual	4.4E-02	5.0E-02	4.9E-02	5.6E-03	5.6E-03
Chronic	Urban Community	42	Simon Fraser University	Nickel	Annual	4.4E-02	4.6E-02	4.6E-02	2.7E-03	2.7E-03
Chronic	Urban Community	43	Sperling Broadway	Nickel	Annual	4.4E-02	4.5E-02	4.5E-02	1.8E-03	1.8E-03
Chronic	School	45	University Highlands Elementary	Nickel	Annual	4.4E-02	4.6E-02	4.5E-02	2.1E-03	2.1E-03
Chronic	Urban Community	46	Westridge	Nickel	Annual	4.4E-02	4.7E-02	4.7E-02	3.4E-03	3.4E-03
Chronic	Residence	47	Westridge 1	Nickel	Annual	4.5E-02	4.9E-02	4.9E-02	4.8E-03	4.8E-03
Chronic	Residence	48	Westridge 2	Nickel	Annual	4.4E-02	4.8E-02	4.8E-02	3.8E-03	3.8E-03
Chronic	Residence	49	Westridge 3	Nickel	Annual	4.4E-02	4.8E-02	4.8E-02	4.0E-03	4.0E-03
Chronic	Urban Community	51	Willingdon Heights	Nickel	Annual	4.4E-02	5.0E-02	4.9E-02	5.4E-03	5.4E-03
Chronic	Urban Community	52	Windsor Park	Nickel	Annual	4.4E-02	4.8E-02	4.8E-02	4.1E-03	4.1E-03
Chronic	Urban Community	2	Belcarra	Nickel_Cancer	Annual	7.9E-02	8.5E-02	8.4E-02	5.3E-03	5.3E-03
Chronic	Urban Community	4	Brentwood	Nickel_Cancer	Annual	8.1E-02	9.2E-02	9.1E-02	1.1E-02	1.1E-02
Chronic	Urban Community	5	Burnaby Heights	Nickel_Cancer	Annual	8.1E-02	9.4E-02	9.3E-02	1.3E-02	1.3E-02
Chronic	Aboriginal Community	10	Burrard Inlet 3	Nickel_Cancer	Annual	8.0E-02	9.0E-02	8.9E-02	9.7E-03	9.7E-03

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	12	Capital Hill	Nickel_Cancer	Annual	8.1E-02	9.8E-02	9.7E-02	1.7E-02	1.7E-02
Chronic	Urban Community	14	Coombe	Nickel_Cancer	Annual	7.9E-02	8.3E-02	8.2E-02	3.6E-03	3.6E-03
Chronic	Urban Community	15	Coquitlam	Nickel_Cancer	Annual	7.9E-02	8.1E-02	8.1E-02	2.3E-03	2.3E-03
Chronic	Urban Community	16	Cove Cliff	Nickel_Cancer	Annual	8.0E-02	8.6E-02	8.6E-02	6.7E-03	6.7E-03
Chronic	Assisted-Living Complex	17	Dania Manor	Nickel_Cancer	Annual	7.9E-02	8.2E-02	8.1E-02	2.4E-03	2.4E-03
Chronic	Urban Community	18	Deep Cove	Nickel_Cancer	Annual	7.9E-02	8.3E-02	8.3E-02	4.0E-03	4.0E-03
Chronic	Urban Community	19	Dollarton	Nickel_Cancer	Annual	8.0E-02	9.1E-02	9.0E-02	1.0E-02	1.0E-02
Chronic	Urban Community	20	Douglas Gilpin	Nickel_Cancer	Annual	7.9E-02	8.2E-02	8.2E-02	3.1E-03	3.1E-03
Chronic	School	22	École Capitol Hill Elementary School	Nickel_Cancer	Annual	8.1E-02	9.4E-02	9.3E-02	1.3E-02	1.3E-02
Chronic	School	23	École Westridge Elementary School	Nickel_Cancer	Annual	8.0E-02	8.6E-02	8.5E-02	5.7E-03	5.7E-03
Chronic	School	24	Forest Grove Elementary School	Nickel_Cancer	Annual	7.9E-02	8.2E-02	8.1E-02	2.6E-03	2.6E-03
Chronic	Urban Community	25	Government Road	Nickel_Cancer	Annual	7.9E-02	8.2E-02	8.1E-02	2.5E-03	2.5E-03
Chronic	Urban Community	27	Lake City	Nickel_Cancer	Annual	7.9E-02	8.2E-02	8.1E-02	2.9E-03	2.9E-03
Chronic	Urban Community	28	Lochdale	Nickel_Cancer	Annual	8.0E-02	8.5E-02	8.4E-02	5.3E-03	5.3E-03
Chronic	School	29	Lochdale Community School	Nickel_Cancer	Annual	8.0E-02	8.4E-02	8.3E-02	4.6E-03	4.6E-03
Chronic	Urban Community	30	Lyndhurst	Nickel_Cancer	Annual	7.9E-02	8.1E-02	8.1E-02	2.2E-03	2.2E-03
Chronic	School	31	Montecito Elementary School	Nickel_Cancer	Annual	7.9E-02	8.2E-02	8.1E-02	3.0E-03	3.0E-03
Chronic	Urban Community	34	Parkcrest Aubrey	Nickel_Cancer	Annual	8.1E-02	9.2E-02	9.2E-02	1.2E-02	1.2E-02
Chronic	Urban Community	35	Port Moody	Nickel_Cancer	Annual	7.9E-02	8.2E-02	8.1E-02	2.9E-03	2.9E-03
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Nickel_Cancer	Annual	8.1E-02	9.1E-02	9.0E-02	1.0E-02	1.0E-02
Chronic	Aboriginal Community	37	Seymour Creek 2	Nickel_Cancer	Annual	8.1E-02	9.0E-02	8.9E-02	9.4E-03	9.4E-03
Chronic	Urban Community	39	Seymour Heights	Nickel_Cancer	Annual	8.0E-02	8.6E-02	8.6E-02	6.8E-03	6.8E-03
Chronic	School	40	Seymour Heights Elementary School	Nickel_Cancer	Annual	8.0E-02	8.6E-02	8.5E-02	6.0E-03	6.0E-03
Chronic	School	41	Sherwood Park Elementary School	Nickel_Cancer	Annual	8.0E-02	9.1E-02	9.0E-02	1.0E-02	1.0E-02
Chronic	Urban Community	42	Simon Fraser University	Nickel_Cancer	Annual	8.0E-02	8.5E-02	8.4E-02	4.8E-03	4.8E-03
Chronic	Urban Community	43	Sperling Broadway	Nickel_Cancer	Annual	7.9E-02	8.3E-02	8.2E-02	3.4E-03	3.4E-03
Chronic	School	45	University Highlands Elementary	Nickel_Cancer	Annual	7.9E-02	8.3E-02	8.3E-02	3.9E-03	3.9E-03
Chronic	Urban Community	46	Westridge	Nickel_Cancer	Annual	8.0E-02	8.6E-02	8.5E-02	6.2E-03	6.2E-03
Chronic	Residence	47	Westridge 1	Nickel_Cancer	Annual	8.1E-02	9.0E-02	8.9E-02	8.7E-03	8.7E-03
Chronic	Residence	48	Westridge 2	Nickel_Cancer	Annual	8.1E-02	8.8E-02	8.7E-02	7.0E-03	7.0E-03
Chronic	Residence	49	Westridge 3	Nickel_Cancer	Annual	8.0E-02	8.8E-02	8.7E-02	7.3E-03	7.3E-03
Chronic	Urban Community	51	Willingdon Heights	Nickel_Cancer	Annual	8.1E-02	9.0E-02	8.9E-02	9.8E-03	9.8E-03
Chronic	Urban Community	52	Windsor Park	Nickel_Cancer	Annual	8.0E-02	8.7E-02	8.7E-02	7.4E-03	7.4E-03
Chronic	Urban Community	2	Belcarra	NO2	Annual	4.9E-01	5.1E-01	5.1E-01	2.0E-02	2.0E-02
Chronic	Urban Community	4	Brentwood	NO2	Annual	5.0E-01	5.4E-01	5.4E-01	4.4E-02	4.4E-02

Trans Mountain Pipeline ULC  
Trans Mountain Expansion Project

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	5	Burnaby Heights	NO2	Annual	5.0E-01	5.5E-01	5.5E-01	5.4E-02	5.4E-02
Chronic	Aboriginal Community	10	Burrard Inlet 3	NO2	Annual	5.0E-01	5.4E-01	5.4E-01	4.0E-02	4.0E-02
Chronic	Urban Community	12	Capital Hill	NO2	Annual	5.0E-01	5.7E-01	5.7E-01	7.1E-02	7.1E-02
Chronic	Urban Community	14	Coombe	NO2	Annual	4.9E-01	5.0E-01	5.0E-01	1.2E-02	1.2E-02
Chronic	Urban Community	15	Coquitlam	NO2	Annual	4.9E-01	5.0E-01	5.0E-01	7.8E-03	7.8E-03
Chronic	Urban Community	16	Cove Cliff	NO2	Annual	4.9E-01	5.2E-01	5.2E-01	2.5E-02	2.5E-02
Chronic	Assisted-Living Complex	17	Dania Manor	NO2	Annual	4.9E-01	5.0E-01	5.0E-01	7.4E-03	7.4E-03
Chronic	Urban Community	18	Deep Cove	NO2	Annual	4.9E-01	5.1E-01	5.1E-01	1.3E-02	1.3E-02
Chronic	Urban Community	19	Dollarton	NO2	Annual	5.0E-01	5.4E-01	5.4E-01	4.2E-02	4.2E-02
Chronic	Urban Community	20	Douglas Gilpin	NO2	Annual	4.9E-01	5.0E-01	5.0E-01	9.8E-03	9.8E-03
Chronic	School	22	École Capitol Hill Elementary School	NO2	Annual	5.0E-01	5.5E-01	5.5E-01	5.3E-02	5.3E-02
Chronic	School	23	École Westridge Elementary School	NO2	Annual	4.9E-01	5.2E-01	5.2E-01	2.1E-02	2.1E-02
Chronic	School	24	Forest Grove Elementary School	NO2	Annual	4.9E-01	5.0E-01	5.0E-01	8.8E-03	8.8E-03
Chronic	Urban Community	25	Government Road	NO2	Annual	4.9E-01	5.0E-01	5.0E-01	8.0E-03	8.0E-03
Chronic	Urban Community	27	Lake City	NO2	Annual	4.9E-01	5.0E-01	5.0E-01	9.5E-03	9.5E-03
Chronic	Urban Community	28	Lochdale	NO2	Annual	4.9E-01	5.1E-01	5.1E-01	1.9E-02	1.9E-02
Chronic	School	29	Lochdale Community School	NO2	Annual	4.9E-01	5.1E-01	5.1E-01	1.6E-02	1.6E-02
Chronic	Urban Community	30	Lyndhurst	NO2	Annual	4.9E-01	5.0E-01	5.0E-01	7.0E-03	7.0E-03
Chronic	School	31	Montecito Elementary School	NO2	Annual	4.9E-01	5.0E-01	5.0E-01	9.7E-03	9.7E-03
Chronic	Urban Community	34	Parkcrest Aubrey	NO2	Annual	5.0E-01	5.5E-01	5.5E-01	4.8E-02	4.8E-02
Chronic	Urban Community	35	Port Moody	NO2	Annual	5.0E-01	5.3E-01	5.3E-01	3.2E-02	3.2E-02
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	NO2	Annual	5.0E-01	5.4E-01	5.4E-01	4.3E-02	4.3E-02
Chronic	Aboriginal Community	37	Seymour Creek 2	NO2	Annual	5.0E-01	5.4E-01	5.4E-01	4.0E-02	4.0E-02
Chronic	Urban Community	39	Seymour Heights	NO2	Annual	4.9E-01	5.2E-01	5.2E-01	2.5E-02	2.5E-02
Chronic	School	40	Seymour Heights Elementary School	NO2	Annual	4.9E-01	5.2E-01	5.2E-01	2.2E-02	2.2E-02
Chronic	School	41	Sherwood Park Elementary School	NO2	Annual	5.0E-01	5.4E-01	5.4E-01	4.1E-02	4.1E-02
Chronic	Urban Community	42	Simon Fraser University	NO2	Annual	4.9E-01	5.1E-01	5.1E-01	1.8E-02	1.8E-02
Chronic	Urban Community	43	Sperling Broadway	NO2	Annual	4.9E-01	5.0E-01	5.0E-01	1.1E-02	1.1E-02
Chronic	School	45	University Highlands Elementary	NO2	Annual	4.9E-01	5.1E-01	5.1E-01	1.4E-02	1.4E-02
Chronic	Urban Community	46	Westridge	NO2	Annual	4.9E-01	5.2E-01	5.2E-01	2.4E-02	2.4E-02
Chronic	Residence	47	Westridge 1	NO2	Annual	5.0E-01	5.4E-01	5.4E-01	3.5E-02	3.5E-02
Chronic	Residence	48	Westridge 2	NO2	Annual	5.0E-01	5.3E-01	5.3E-01	2.7E-02	2.7E-02
Chronic	Residence	49	Westridge 3	NO2	Annual	5.0E-01	5.3E-01	5.3E-01	2.9E-02	2.9E-02
Chronic	Urban Community	51	Willingdon Heights	NO2	Annual	5.0E-01	5.4E-01	5.4E-01	3.9E-02	3.9E-02
Chronic	Urban Community	52	Windsor Park	NO2	Annual	4.9E-01	5.2E-01	5.2E-01	2.8E-02	2.8E-02

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	2	Belcarra	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	6.6E-04	6.6E-04
Chronic	Urban Community	4	Brentwood	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	1.8E-03	1.8E-03
Chronic	Urban Community	5	Burnaby Heights	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	2.2E-03	2.2E-03
Chronic	Aboriginal Community	10	Burrard Inlet 3	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	1.4E-03	1.4E-03
Chronic	Urban Community	12	Capital Hill	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	2.6E-03	2.6E-03
Chronic	Urban Community	14	Coombe	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	3.8E-04	3.8E-04
Chronic	Urban Community	15	Coquitlam	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	2.3E-04	2.3E-04
Chronic	Urban Community	16	Cove Cliff	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	8.8E-04	8.8E-04
Chronic	Assisted-Living Complex	17	Dania Manor	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	3.9E-04	3.9E-04
Chronic	Urban Community	18	Deep Cove	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	4.2E-04	4.2E-04
Chronic	Urban Community	19	Dollarton	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	1.5E-03	1.5E-03
Chronic	Urban Community	20	Douglas Gilpin	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	5.0E-04	5.0E-04
Chronic	School	22	École Capitol Hill Elementary School	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	2.0E-03	2.0E-03
Chronic	School	23	École Westridge Elementary School	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	8.3E-04	8.3E-04
Chronic	School	24	Forest Grove Elementary School	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	2.9E-04	2.9E-04
Chronic	Urban Community	25	Government Road	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	3.8E-04	3.8E-04
Chronic	Urban Community	27	Lake City	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	3.8E-04	3.8E-04
Chronic	Urban Community	28	Lochdale	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	7.2E-04	7.2E-04
Chronic	School	29	Lochdale Community School	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	6.9E-04	6.9E-04
Chronic	Urban Community	30	Lyndhurst	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	2.5E-04	2.5E-04
Chronic	School	31	Montecito Elementary School	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	4.2E-04	4.2E-04
Chronic	Urban Community	34	Parkcrest Aubrey	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	1.8E-03	1.8E-03
Chronic	Urban Community	35	Port Moody	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	1.0E-03	1.0E-03
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	1.6E-03	1.6E-03
Chronic	Aboriginal Community	37	Seymour Creek 2	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	1.5E-03	1.5E-03
Chronic	Urban Community	39	Seymour Heights	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	9.1E-04	9.1E-04
Chronic	School	40	Seymour Heights Elementary School	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	7.7E-04	7.7E-04
Chronic	School	41	Sherwood Park Elementary School	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	1.5E-03	1.5E-03
Chronic	Urban Community	42	Simon Fraser University	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	-3.1E-04	-3.1E-04
Chronic	Urban Community	43	Sperling Broadway	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	4.9E-04	4.9E-04
Chronic	School	45	University Highlands Elementary	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	-4.1E-04	-4.1E-04
Chronic	Urban Community	46	Westridge	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	8.2E-04	8.2E-04
Chronic	Residence	47	Westridge 1	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	1.2E-03	1.2E-03
Chronic	Residence	48	Westridge 2	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	9.4E-04	9.4E-04
Chronic	Residence	49	Westridge 3	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	1.0E-03	1.0E-03

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	51	Willingdon Heights	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	1.6E-03	1.6E-03
Chronic	Urban Community	52	Windsor Park	PM10	Annual	4.2E-01	4.2E-01	4.2E-01	1.0E-03	1.0E-03
Chronic	Urban Community	2	Belcarra	PM2.5	Annual	4.1E-01	4.2E-01	4.2E-01	1.5E-03	1.5E-03
Chronic	Urban Community	4	Brentwood	PM2.5	Annual	4.2E-01	4.2E-01	4.2E-01	4.2E-03	4.2E-03
Chronic	Urban Community	5	Burnaby Heights	PM2.5	Annual	4.2E-01	4.2E-01	4.2E-01	5.2E-03	5.2E-03
Chronic	Aboriginal Community	10	Burrard Inlet 3	PM2.5	Annual	4.2E-01	4.2E-01	4.2E-01	3.1E-03	3.1E-03
Chronic	Urban Community	12	Capital Hill	PM2.5	Annual	4.2E-01	4.2E-01	4.2E-01	6.0E-03	6.0E-03
Chronic	Urban Community	14	Coombe	PM2.5	Annual	4.1E-01	4.2E-01	4.1E-01	8.7E-04	8.7E-04
Chronic	Urban Community	15	Coquitlam	PM2.5	Annual	4.1E-01	4.1E-01	4.1E-01	5.4E-04	5.4E-04
Chronic	Urban Community	16	Cove Cliff	PM2.5	Annual	4.1E-01	4.2E-01	4.2E-01	2.1E-03	2.1E-03
Chronic	Assisted-Living Complex	17	Dania Manor	PM2.5	Annual	4.1E-01	4.1E-01	4.1E-01	9.6E-04	9.6E-04
Chronic	Urban Community	18	Deep Cove	PM2.5	Annual	4.1E-01	4.2E-01	4.2E-01	9.9E-04	9.9E-04
Chronic	Urban Community	19	Dollarton	PM2.5	Annual	4.2E-01	4.2E-01	4.2E-01	3.4E-03	3.4E-03
Chronic	Urban Community	20	Douglas Gilpin	PM2.5	Annual	4.1E-01	4.1E-01	4.1E-01	1.2E-03	1.2E-03
Chronic	School	22	École Capitol Hill Elementary School	PM2.5	Annual	4.2E-01	4.2E-01	4.2E-01	4.7E-03	4.7E-03
Chronic	School	23	École Westridge Elementary School	PM2.5	Annual	4.1E-01	4.2E-01	4.2E-01	2.0E-03	2.0E-03
Chronic	School	24	Forest Grove Elementary School	PM2.5	Annual	4.1E-01	4.1E-01	4.1E-01	7.0E-04	7.0E-04
Chronic	Urban Community	25	Government Road	PM2.5	Annual	4.1E-01	4.1E-01	4.1E-01	9.3E-04	9.3E-04
Chronic	Urban Community	27	Lake City	PM2.5	Annual	4.1E-01	4.1E-01	4.1E-01	9.3E-04	9.3E-04
Chronic	Urban Community	28	Lochdale	PM2.5	Annual	4.1E-01	4.2E-01	4.2E-01	1.7E-03	1.7E-03
Chronic	School	29	Lochdale Community School	PM2.5	Annual	4.1E-01	4.2E-01	4.2E-01	1.7E-03	1.7E-03
Chronic	Urban Community	30	Lyndhurst	PM2.5	Annual	4.1E-01	4.1E-01	4.1E-01	6.0E-04	6.0E-04
Chronic	School	31	Montecito Elementary School	PM2.5	Annual	4.1E-01	4.1E-01	4.1E-01	1.0E-03	1.0E-03
Chronic	Urban Community	34	Parkcrest Aubrey	PM2.5	Annual	4.2E-01	4.2E-01	4.2E-01	4.3E-03	4.3E-03
Chronic	Urban Community	35	Port Moody	PM2.5	Annual	4.2E-01	4.2E-01	4.2E-01	2.3E-03	2.3E-03
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	PM2.5	Annual	4.2E-01	4.2E-01	4.2E-01	3.7E-03	3.7E-03
Chronic	Aboriginal Community	37	Seymour Creek 2	PM2.5	Annual	4.1E-01	4.2E-01	4.2E-01	3.5E-03	3.5E-03
Chronic	Urban Community	39	Seymour Heights	PM2.5	Annual	4.1E-01	4.2E-01	4.2E-01	2.1E-03	2.1E-03
Chronic	School	40	Seymour Heights Elementary School	PM2.5	Annual	4.1E-01	4.2E-01	4.2E-01	1.8E-03	1.8E-03
Chronic	School	41	Sherwood Park Elementary School	PM2.5	Annual	4.2E-01	4.2E-01	4.2E-01	3.4E-03	3.4E-03
Chronic	Urban Community	42	Simon Fraser University	PM2.5	Annual	4.2E-01	4.2E-01	4.2E-01	-8.6E-04	-8.6E-04
Chronic	Urban Community	43	Sperling Broadway	PM2.5	Annual	4.1E-01	4.1E-01	4.1E-01	1.2E-03	1.2E-03
Chronic	School	45	University Highlands Elementary	PM2.5	Annual	4.2E-01	4.2E-01	4.2E-01	-1.1E-03	-1.1E-03
Chronic	Urban Community	46	Westridge	PM2.5	Annual	4.1E-01	4.2E-01	4.2E-01	1.9E-03	1.9E-03
Chronic	Residence	47	Westridge 1	PM2.5	Annual	4.2E-01	4.2E-01	4.2E-01	2.7E-03	2.7E-03

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Residence	48	Westridge 2	PM2.5	Annual	4.2E-01	4.2E-01	4.2E-01	2.2E-03	2.2E-03
Chronic	Residence	49	Westridge 3	PM2.5	Annual	4.2E-01	4.2E-01	4.2E-01	2.3E-03	2.3E-03
Chronic	Urban Community	51	Willingdon Heights	PM2.5	Annual	4.1E-01	4.2E-01	4.2E-01	3.9E-03	3.9E-03
Chronic	Urban Community	52	Windsor Park	PM2.5	Annual	4.1E-01	4.2E-01	4.2E-01	2.4E-03	2.4E-03
Chronic	Urban Community	2	Belcarra	Propionaldehyde	Annual	1.7E-06	1.2E-05	1.2E-05	1.0E-05	1.0E-05
Chronic	Urban Community	4	Brentwood	Propionaldehyde	Annual	4.2E-06	2.7E-05	2.7E-05	2.3E-05	2.3E-05
Chronic	Urban Community	5	Burnaby Heights	Propionaldehyde	Annual	5.5E-06	3.7E-05	3.7E-05	3.1E-05	3.2E-05
Chronic	Aboriginal Community	10	Burrard Inlet 3	Propionaldehyde	Annual	3.4E-06	2.5E-05	2.5E-05	2.2E-05	2.2E-05
Chronic	Urban Community	12	Capital Hill	Propionaldehyde	Annual	5.8E-06	4.3E-05	4.4E-05	3.8E-05	3.8E-05
Chronic	Urban Community	14	Coombe	Propionaldehyde	Annual	1.1E-06	7.3E-06	7.3E-06	6.2E-06	6.2E-06
Chronic	Urban Community	15	Coquitlam	Propionaldehyde	Annual	7.8E-07	4.0E-06	4.1E-06	3.2E-06	3.3E-06
Chronic	Urban Community	16	Cove Cliff	Propionaldehyde	Annual	2.1E-06	1.5E-05	1.5E-05	1.3E-05	1.3E-05
Chronic	Assisted-Living Complex	17	Dania Manor	Propionaldehyde	Annual	8.0E-07	3.9E-06	4.0E-06	3.1E-06	3.2E-06
Chronic	Urban Community	18	Deep Cove	Propionaldehyde	Annual	1.2E-06	7.7E-06	7.8E-06	6.5E-06	6.6E-06
Chronic	Urban Community	19	Dollarton	Propionaldehyde	Annual	3.7E-06	2.6E-05	2.6E-05	2.3E-05	2.3E-05
Chronic	Urban Community	20	Douglas Gilpin	Propionaldehyde	Annual	1.0E-06	5.3E-06	5.4E-06	4.3E-06	4.4E-06
Chronic	School	22	École Capitol Hill Elementary School	Propionaldehyde	Annual	4.8E-06	3.3E-05	3.3E-05	2.8E-05	2.8E-05
Chronic	School	23	École Westridge Elementary School	Propionaldehyde	Annual	2.3E-06	1.3E-05	1.3E-05	1.0E-05	1.0E-05
Chronic	School	24	Forest Grove Elementary School	Propionaldehyde	Annual	9.0E-07	4.6E-06	4.7E-06	3.7E-06	3.8E-06
Chronic	Urban Community	25	Government Road	Propionaldehyde	Annual	8.1E-07	4.2E-06	4.3E-06	3.4E-06	3.5E-06
Chronic	Urban Community	27	Lake City	Propionaldehyde	Annual	9.8E-07	5.0E-06	5.1E-06	4.0E-06	4.1E-06
Chronic	Urban Community	28	Lochdale	Propionaldehyde	Annual	1.9E-06	1.1E-05	1.1E-05	9.3E-06	9.5E-06
Chronic	School	29	Lochdale Community School	Propionaldehyde	Annual	1.6E-06	9.2E-06	9.3E-06	7.6E-06	7.7E-06
Chronic	Urban Community	30	Lyndhurst	Propionaldehyde	Annual	7.2E-07	3.6E-06	3.6E-06	2.9E-06	2.9E-06
Chronic	School	31	Montecito Elementary School	Propionaldehyde	Annual	9.8E-07	5.2E-06	5.2E-06	4.2E-06	4.2E-06
Chronic	Urban Community	34	Parkcrest Aubrey	Propionaldehyde	Annual	3.9E-06	2.8E-05	2.8E-05	2.4E-05	2.4E-05
Chronic	Urban Community	35	Port Moody	Propionaldehyde	Annual	9.9E-07	5.3E-06	5.4E-06	4.3E-06	4.4E-06
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Propionaldehyde	Annual	4.8E-06	3.1E-05	3.1E-05	2.6E-05	2.6E-05
Chronic	Aboriginal Community	37	Seymour Creek 2	Propionaldehyde	Annual	4.4E-06	2.9E-05	3.0E-05	2.5E-05	2.5E-05
Chronic	Urban Community	39	Seymour Heights	Propionaldehyde	Annual	2.2E-06	1.5E-05	1.5E-05	1.3E-05	1.3E-05
Chronic	School	40	Seymour Heights Elementary School	Propionaldehyde	Annual	1.9E-06	1.3E-05	1.3E-05	1.1E-05	1.1E-05
Chronic	School	41	Sherwood Park Elementary School	Propionaldehyde	Annual	3.4E-06	2.5E-05	2.5E-05	2.2E-05	2.2E-05
Chronic	Urban Community	42	Simon Fraser University	Propionaldehyde	Annual	1.7E-06	9.7E-06	9.8E-06	8.0E-06	8.1E-06
Chronic	Urban Community	43	Sperling Broadway	Propionaldehyde	Annual	1.1E-06	6.0E-06	6.1E-06	4.9E-06	5.0E-06
Chronic	School	45	University Highlands Elementary	Propionaldehyde	Annual	1.3E-06	7.5E-06	7.6E-06	6.2E-06	6.3E-06



Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	46	Westridge	Propionaldehyde	Annual	2.4E-06	1.4E-05	1.4E-05	1.2E-05	1.2E-05
Chronic	Residence	47	Westridge 1	Propionaldehyde	Annual	5.1E-06	2.3E-05	2.3E-05	1.8E-05	1.8E-05
Chronic	Residence	48	Westridge 2	Propionaldehyde	Annual	4.0E-06	1.8E-05	1.8E-05	1.4E-05	1.4E-05
Chronic	Residence	49	Westridge 3	Propionaldehyde	Annual	3.4E-06	1.8E-05	1.9E-05	1.5E-05	1.5E-05
Chronic	Urban Community	51	Willingdon Heights	Propionaldehyde	Annual	3.7E-06	2.5E-05	2.5E-05	2.2E-05	2.2E-05
Chronic	Urban Community	52	Windsor Park	Propionaldehyde	Annual	2.4E-06	1.7E-05	1.7E-05	1.4E-05	1.5E-05
Chronic	Urban Community	2	Belcarra	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	1.1E-08	1.1E-08
Chronic	Urban Community	4	Brentwood	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	2.2E-08	2.2E-08
Chronic	Urban Community	5	Burnaby Heights	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	2.6E-08	2.6E-08
Chronic	Aboriginal Community	10	Burrard Inlet 3	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	2.0E-08	2.0E-08
Chronic	Urban Community	12	Capital Hill	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	3.4E-08	3.4E-08
Chronic	Urban Community	14	Coombe	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	7.2E-09	7.2E-09
Chronic	Urban Community	15	Coquitlam	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	4.7E-09	4.7E-09
Chronic	Urban Community	16	Cove Cliff	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	1.3E-08	1.3E-08
Chronic	Assisted-Living Complex	17	Dania Manor	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	4.9E-09	4.9E-09
Chronic	Urban Community	18	Deep Cove	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	8.0E-09	8.0E-09
Chronic	Urban Community	19	Dollarton	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	2.1E-08	2.1E-08
Chronic	Urban Community	20	Douglas Gilpin	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	6.3E-09	6.3E-09
Chronic	School	22	École Capitol Hill Elementary School	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	2.6E-08	2.6E-08
Chronic	School	23	École Westridge Elementary School	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	1.2E-08	1.2E-08
Chronic	School	24	Forest Grove Elementary School	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	5.3E-09	5.3E-09
Chronic	Urban Community	25	Government Road	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	5.1E-09	5.1E-09
Chronic	Urban Community	27	Lake City	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	5.8E-09	5.8E-09
Chronic	Urban Community	28	Lochdale	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	1.1E-08	1.1E-08
Chronic	School	29	Lochdale Community School	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	9.3E-09	9.3E-09
Chronic	Urban Community	30	Lyndhurst	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	4.3E-09	4.3E-09
Chronic	School	31	Montecito Elementary School	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	6.0E-09	6.0E-09
Chronic	Urban Community	34	Parkcrest Aubrey	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	2.4E-08	2.4E-08
Chronic	Urban Community	35	Port Moody	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	5.9E-09	5.9E-09
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	2.1E-08	2.1E-08
Chronic	Aboriginal Community	37	Seymour Creek 2	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	1.9E-08	1.9E-08
Chronic	Urban Community	39	Seymour Heights	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	1.4E-08	1.4E-08
Chronic	School	40	Seymour Heights Elementary School	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	1.2E-08	1.2E-08
Chronic	School	41	Sherwood Park Elementary School	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	2.1E-08	2.1E-08
Chronic	Urban Community	42	Simon Fraser University	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	9.7E-09	9.7E-09

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	43	Sperling Broadway	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	6.8E-09	6.8E-09
Chronic	School	45	University Highlands Elementary	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	7.8E-09	7.8E-09
Chronic	Urban Community	46	Westridge	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	1.2E-08	1.2E-08
Chronic	Residence	47	Westridge 1	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	1.8E-08	1.8E-08
Chronic	Residence	48	Westridge 2	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	1.4E-08	1.4E-08
Chronic	Residence	49	Westridge 3	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	1.5E-08	1.5E-08
Chronic	Urban Community	51	Willingdon Heights	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	2.0E-08	2.0E-08
Chronic	Urban Community	52	Windsor Park	Selenium	Annual	1.0E-05	1.0E-05	1.0E-05	1.5E-08	1.5E-08
Chronic	Urban Community	2	Belcarra	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	5.9E-08	5.9E-08
Chronic	Urban Community	4	Brentwood	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	1.3E-07	1.4E-07
Chronic	Urban Community	5	Burnaby Heights	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	1.8E-07	1.8E-07
Chronic	Aboriginal Community	10	Burrard Inlet 3	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	1.3E-07	1.3E-07
Chronic	Urban Community	12	Capital Hill	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	2.2E-07	2.2E-07
Chronic	Urban Community	14	Coombe	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	3.6E-08	3.6E-08
Chronic	Urban Community	15	Coquitlam	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	1.9E-08	1.9E-08
Chronic	Urban Community	16	Cove Cliff	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	7.4E-08	7.5E-08
Chronic	Assisted-Living Complex	17	Dania Manor	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	1.8E-08	1.9E-08
Chronic	Urban Community	18	Deep Cove	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	3.8E-08	3.8E-08
Chronic	Urban Community	19	Dollarton	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	1.3E-07	1.3E-07
Chronic	Urban Community	20	Douglas Gilpin	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	2.5E-08	2.6E-08
Chronic	School	22	École Capitol Hill Elementary School	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	1.6E-07	1.6E-07
Chronic	School	23	École Westridge Elementary School	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	6.1E-08	6.1E-08
Chronic	School	24	Forest Grove Elementary School	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	2.2E-08	2.2E-08
Chronic	Urban Community	25	Government Road	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	2.0E-08	2.0E-08
Chronic	Urban Community	27	Lake City	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	2.3E-08	2.4E-08
Chronic	Urban Community	28	Lochdale	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	5.5E-08	5.5E-08
Chronic	School	29	Lochdale Community School	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	4.4E-08	4.5E-08
Chronic	Urban Community	30	Lyndhurst	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	1.7E-08	1.7E-08
Chronic	School	31	Montecito Elementary School	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	2.4E-08	2.5E-08
Chronic	Urban Community	34	Parkcrest Aubrey	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	1.4E-07	1.4E-07
Chronic	Urban Community	35	Port Moody	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	2.5E-08	2.6E-08
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	1.5E-07	1.5E-07
Chronic	Aboriginal Community	37	Seymour Creek 2	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	1.5E-07	1.5E-07
Chronic	Urban Community	39	Seymour Heights	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	7.5E-08	7.6E-08
Chronic	School	40	Seymour Heights Elementary School	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	6.3E-08	6.4E-08

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	School	41	Sherwood Park Elementary School	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	1.3E-07	1.3E-07
Chronic	Urban Community	42	Simon Fraser University	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	4.7E-08	4.8E-08
Chronic	Urban Community	43	Sperling Broadway	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	2.9E-08	2.9E-08
Chronic	School	45	University Highlands Elementary	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	3.6E-08	3.7E-08
Chronic	Urban Community	46	Westridge	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	6.8E-08	6.9E-08
Chronic	Residence	47	Westridge 1	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	1.1E-07	1.1E-07
Chronic	Residence	48	Westridge 2	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	8.4E-08	8.5E-08
Chronic	Residence	49	Westridge 3	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	8.8E-08	8.9E-08
Chronic	Urban Community	51	Willingdon Heights	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	1.3E-07	1.3E-07
Chronic	Urban Community	52	Windsor Park	Styrene	Annual	1.2E-04	1.2E-04	1.2E-04	8.5E-08	8.5E-08
Chronic	Urban Community	2	Belcarra	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	2.1E-06	2.1E-06
Chronic	Urban Community	4	Brentwood	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	4.4E-06	4.4E-06
Chronic	Urban Community	5	Burnaby Heights	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	5.1E-06	5.1E-06
Chronic	Aboriginal Community	10	Burrard Inlet 3	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	3.9E-06	3.9E-06
Chronic	Urban Community	12	Capital Hill	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	6.7E-06	6.7E-06
Chronic	Urban Community	14	Coombe	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	1.4E-06	1.4E-06
Chronic	Urban Community	15	Coquitlam	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	9.3E-07	9.3E-07
Chronic	Urban Community	16	Cove Cliff	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	2.7E-06	2.7E-06
Chronic	Assisted-Living Complex	17	Dania Manor	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	9.9E-07	9.9E-07
Chronic	Urban Community	18	Deep Cove	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	1.6E-06	1.6E-06
Chronic	Urban Community	19	Dollarton	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	4.2E-06	4.2E-06
Chronic	Urban Community	20	Douglas Gilpin	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	1.3E-06	1.3E-06
Chronic	School	22	École Capitol Hill Elementary School	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	5.2E-06	5.2E-06
Chronic	School	23	École Westridge Elementary School	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	2.3E-06	2.3E-06
Chronic	School	24	Forest Grove Elementary School	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	1.1E-06	1.1E-06
Chronic	Urban Community	25	Government Road	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	1.0E-06	1.0E-06
Chronic	Urban Community	27	Lake City	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	1.2E-06	1.2E-06
Chronic	Urban Community	28	Lochdale	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	2.1E-06	2.1E-06
Chronic	School	29	Lochdale Community School	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	1.9E-06	1.9E-06
Chronic	Urban Community	30	Lyndhurst	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	8.7E-07	8.7E-07
Chronic	School	31	Montecito Elementary School	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	1.2E-06	1.2E-06
Chronic	Urban Community	34	Parkcrest Aubrey	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	4.7E-06	4.7E-06
Chronic	Urban Community	35	Port Moody	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	1.2E-06	1.2E-06
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	4.1E-06	4.1E-06
Chronic	Aboriginal Community	37	Seymour Creek 2	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	3.8E-06	3.8E-06

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	39	Seymour Heights	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	2.7E-06	2.7E-06
Chronic	School	40	Seymour Heights Elementary School	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	2.4E-06	2.4E-06
Chronic	School	41	Sherwood Park Elementary School	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	4.1E-06	4.1E-06
Chronic	Urban Community	42	Simon Fraser University	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	1.9E-06	1.9E-06
Chronic	Urban Community	43	Sperling Broadway	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	1.4E-06	1.4E-06
Chronic	School	45	University Highlands Elementary	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	1.6E-06	1.6E-06
Chronic	Urban Community	46	Westridge	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	2.5E-06	2.5E-06
Chronic	Residence	47	Westridge 1	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	3.5E-06	3.5E-06
Chronic	Residence	48	Westridge 2	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	2.8E-06	2.8E-06
Chronic	Residence	49	Westridge 3	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	2.9E-06	2.9E-06
Chronic	Urban Community	51	Willingdon Heights	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	4.0E-06	4.0E-06
Chronic	Urban Community	52	Windsor Park	Titanium	Annual	2.5E-03	2.5E-03	2.5E-03	3.0E-06	3.0E-06
Chronic	Urban Community	2	Belcarra	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	8.3E-07	8.3E-07
Chronic	Urban Community	4	Brentwood	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	1.4E-07	1.4E-07
Chronic	Urban Community	5	Burnaby Heights	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	2.0E-07	2.0E-07
Chronic	Aboriginal Community	10	Burrard Inlet 3	Toluene	Annual	2.9E-04	3.0E-04	3.0E-04	1.0E-06	1.0E-06
Chronic	Urban Community	12	Capital Hill	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	5.9E-07	5.9E-07
Chronic	Urban Community	14	Coombe	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	2.3E-07	2.3E-07
Chronic	Urban Community	15	Coquitlam	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	-6.8E-08	-6.8E-08
Chronic	Urban Community	16	Cove Cliff	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	5.6E-07	5.6E-07
Chronic	Assisted-Living Complex	17	Dania Manor	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	-1.2E-08	-1.2E-08
Chronic	Urban Community	18	Deep Cove	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	1.3E-07	1.3E-07
Chronic	Urban Community	19	Dollarton	Toluene	Annual	2.9E-04	3.0E-04	3.0E-04	1.5E-06	1.5E-06
Chronic	Urban Community	20	Douglas Gilpin	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	-2.7E-08	-2.7E-08
Chronic	School	22	École Capitol Hill Elementary School	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	2.2E-07	2.2E-07
Chronic	School	23	École Westridge Elementary School	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	1.0E-07	1.0E-07
Chronic	School	24	Forest Grove Elementary School	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	-5.9E-07	-5.9E-07
Chronic	Urban Community	25	Government Road	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	9.0E-09	9.0E-09
Chronic	Urban Community	27	Lake City	Toluene	Annual	3.0E-04	2.9E-04	2.9E-04	-1.0E-06	-1.0E-06
Chronic	Urban Community	28	Lochdale	Toluene	Annual	3.0E-04	2.9E-04	2.9E-04	1.1E-07	1.1E-07
Chronic	School	29	Lochdale Community School	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	-8.1E-08	-8.1E-08
Chronic	Urban Community	30	Lyndhurst	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	-3.2E-08	-3.2E-08
Chronic	School	31	Montecito Elementary School	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	-1.8E-07	-1.8E-07
Chronic	Urban Community	34	Parkcrest Aubrey	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	1.7E-07	1.7E-07
Chronic	Urban Community	35	Port Moody	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	-1.1E-07	-1.1E-07

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	1.3E-07	1.3E-07
Chronic	Aboriginal Community	37	Seymour Creek 2	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	2.4E-07	2.4E-07
Chronic	Urban Community	39	Seymour Heights	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	2.5E-07	2.5E-07
Chronic	School	40	Seymour Heights Elementary School	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	8.9E-08	8.9E-08
Chronic	School	41	Sherwood Park Elementary School	Toluene	Annual	2.9E-04	3.0E-04	3.0E-04	1.2E-06	1.2E-06
Chronic	Urban Community	42	Simon Fraser University	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	-1.5E-07	-1.5E-07
Chronic	Urban Community	43	Sperling Broadway	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	-1.1E-07	-1.1E-07
Chronic	School	45	University Highlands Elementary	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	-1.6E-07	-1.6E-07
Chronic	Urban Community	46	Westridge	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	2.6E-07	2.6E-07
Chronic	Residence	47	Westridge 1	Toluene	Annual	2.9E-04	3.0E-04	3.0E-04	7.9E-07	7.9E-07
Chronic	Residence	48	Westridge 2	Toluene	Annual	2.9E-04	3.0E-04	3.0E-04	6.7E-07	6.7E-07
Chronic	Residence	49	Westridge 3	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	6.1E-07	6.1E-07
Chronic	Urban Community	51	Willingdon Heights	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	1.1E-07	1.1E-07
Chronic	Urban Community	52	Windsor Park	Toluene	Annual	2.9E-04	2.9E-04	2.9E-04	4.4E-07	4.4E-07
Chronic	Urban Community	2	Belcarra	Trimethylbenzenes	Annual	1.3E-04	1.5E-04	1.5E-04	2.4E-05	2.4E-05
Chronic	Urban Community	4	Brentwood	Trimethylbenzenes	Annual	1.4E-04	1.4E-04	1.4E-04	7.0E-06	7.0E-06
Chronic	Urban Community	5	Burnaby Heights	Trimethylbenzenes	Annual	1.8E-04	1.8E-04	1.8E-04	7.6E-06	7.6E-06
Chronic	Aboriginal Community	10	Burrard Inlet 3	Trimethylbenzenes	Annual	2.2E-04	2.4E-04	2.4E-04	2.9E-05	3.0E-05
Chronic	Urban Community	12	Capital Hill	Trimethylbenzenes	Annual	5.4E-04	5.6E-04	5.6E-04	2.4E-05	2.4E-05
Chronic	Urban Community	14	Coombe	Trimethylbenzenes	Annual	8.6E-05	9.3E-05	9.3E-05	7.0E-06	7.1E-06
Chronic	Urban Community	15	Coquitlam	Trimethylbenzenes	Annual	2.9E-05	2.9E-05	2.9E-05	1.2E-07	1.2E-07
Chronic	Urban Community	16	Cove Cliff	Trimethylbenzenes	Annual	1.2E-04	1.3E-04	1.3E-04	1.6E-05	1.6E-05
Chronic	Assisted-Living Complex	17	Dania Manor	Trimethylbenzenes	Annual	1.6E-05	1.6E-05	1.6E-05	3.6E-07	3.6E-07
Chronic	Urban Community	18	Deep Cove	Trimethylbenzenes	Annual	5.4E-05	5.8E-05	5.8E-05	4.1E-06	4.1E-06
Chronic	Urban Community	19	Dollarton	Trimethylbenzenes	Annual	3.3E-04	3.8E-04	3.8E-04	4.4E-05	4.4E-05
Chronic	Urban Community	20	Douglas Gilpin	Trimethylbenzenes	Annual	2.4E-05	2.5E-05	2.5E-05	4.7E-07	4.7E-07
Chronic	School	22	École Capitol Hill Elementary School	Trimethylbenzenes	Annual	2.0E-04	2.1E-04	2.1E-04	1.1E-05	1.1E-05
Chronic	School	23	École Westridge Elementary School	Trimethylbenzenes	Annual	1.5E-04	1.6E-04	1.6E-04	5.5E-06	5.5E-06
Chronic	School	24	Forest Grove Elementary School	Trimethylbenzenes	Annual	4.0E-05	3.7E-05	3.7E-05	-2.9E-06	-2.9E-06
Chronic	Urban Community	25	Government Road	Trimethylbenzenes	Annual	2.9E-05	2.9E-05	2.9E-05	5.4E-07	5.4E-07
Chronic	Urban Community	27	Lake City	Trimethylbenzenes	Annual	5.6E-05	4.7E-05	4.7E-05	-5.5E-06	-5.5E-06
Chronic	Urban Community	28	Lochdale	Trimethylbenzenes	Annual	1.5E-04	1.6E-04	1.6E-04	5.6E-06	5.6E-06
Chronic	School	29	Lochdale Community School	Trimethylbenzenes	Annual	8.0E-05	8.1E-05	8.1E-05	1.5E-06	1.5E-06
Chronic	Urban Community	30	Lyndhurst	Trimethylbenzenes	Annual	2.5E-05	2.5E-05	2.5E-05	2.4E-07	2.4E-07
Chronic	School	31	Montecito Elementary School	Trimethylbenzenes	Annual	4.4E-05	4.3E-05	4.3E-05	-2.5E-07	-2.5E-07

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	34	Parkcrest Aubrey	Trimethylbenzenes	Annual	1.8E-04	1.9E-04	1.9E-04	8.5E-06	8.5E-06
Chronic	Urban Community	35	Port Moody	Trimethylbenzenes	Annual	3.8E-05	3.8E-05	3.8E-05	1.0E-07	1.0E-07
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Trimethylbenzenes	Annual	1.4E-04	1.4E-04	1.4E-04	6.0E-06	6.0E-06
Chronic	Aboriginal Community	37	Seymour Creek 2	Trimethylbenzenes	Annual	1.1E-04	1.2E-04	1.2E-04	7.4E-06	7.4E-06
Chronic	Urban Community	39	Seymour Heights	Trimethylbenzenes	Annual	6.9E-05	7.7E-05	7.7E-05	7.5E-06	7.6E-06
Chronic	School	40	Seymour Heights Elementary School	Trimethylbenzenes	Annual	5.5E-05	5.8E-05	5.8E-05	3.1E-06	3.1E-06
Chronic	School	41	Sherwood Park Elementary School	Trimethylbenzenes	Annual	2.0E-04	2.3E-04	2.3E-04	3.4E-05	3.4E-05
Chronic	Urban Community	42	Simon Fraser University	Trimethylbenzenes	Annual	1.1E-04	1.1E-04	1.1E-04	9.7E-07	9.7E-07
Chronic	Urban Community	43	Sperling Broadway	Trimethylbenzenes	Annual	6.1E-05	5.9E-05	5.9E-05	4.6E-07	4.6E-07
Chronic	School	45	University Highlands Elementary	Trimethylbenzenes	Annual	7.1E-05	7.1E-05	7.1E-05	1.9E-07	1.9E-07
Chronic	Urban Community	46	Westridge	Trimethylbenzenes	Annual	3.5E-04	3.6E-04	3.6E-04	1.0E-05	1.0E-05
Chronic	Residence	47	Westridge 1	Trimethylbenzenes	Annual	1.7E-03	1.7E-03	1.7E-03	3.2E-05	3.2E-05
Chronic	Residence	48	Westridge 2	Trimethylbenzenes	Annual	1.1E-03	1.1E-03	1.1E-03	2.5E-05	2.5E-05
Chronic	Residence	49	Westridge 3	Trimethylbenzenes	Annual	1.1E-03	1.1E-03	1.1E-03	2.3E-05	2.3E-05
Chronic	Urban Community	51	Willingdon Heights	Trimethylbenzenes	Annual	1.2E-04	1.3E-04	1.3E-04	5.3E-06	5.3E-06
Chronic	Urban Community	52	Windsor Park	Trimethylbenzenes	Annual	9.5E-05	1.1E-04	1.1E-04	1.3E-05	1.3E-05
Chronic	Urban Community	2	Belcarra	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	2.4E-05	2.4E-05
Chronic	Urban Community	4	Brentwood	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	4.8E-05	4.8E-05
Chronic	Urban Community	5	Burnaby Heights	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	5.6E-05	5.6E-05
Chronic	Aboriginal Community	10	Burrard Inlet 3	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	4.3E-05	4.3E-05
Chronic	Urban Community	12	Capital Hill	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	7.4E-05	7.4E-05
Chronic	Urban Community	14	Coombe	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	1.6E-05	1.6E-05
Chronic	Urban Community	15	Coquitlam	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	1.0E-05	1.0E-05
Chronic	Urban Community	16	Cove Cliff	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	3.0E-05	3.0E-05
Chronic	Assisted-Living Complex	17	Dania Manor	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	1.1E-05	1.1E-05
Chronic	Urban Community	18	Deep Cove	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	1.8E-05	1.8E-05
Chronic	Urban Community	19	Dollarton	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	4.6E-05	4.6E-05
Chronic	Urban Community	20	Douglas Gilpin	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	1.4E-05	1.4E-05
Chronic	School	22	École Capitol Hill Elementary School	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	5.7E-05	5.7E-05
Chronic	School	23	École Westridge Elementary School	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	2.5E-05	2.5E-05
Chronic	School	24	Forest Grove Elementary School	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	1.2E-05	1.2E-05
Chronic	Urban Community	25	Government Road	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	1.1E-05	1.1E-05
Chronic	Urban Community	27	Lake City	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	1.3E-05	1.3E-05
Chronic	Urban Community	28	Lochdale	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	2.3E-05	2.3E-05
Chronic	School	29	Lochdale Community School	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	2.0E-05	2.0E-05

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	30	Lyndhurst	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	9.5E-06	9.5E-06
Chronic	School	31	Montecito Elementary School	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	1.3E-05	1.3E-05
Chronic	Urban Community	34	Parkcrest Aubrey	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	5.2E-05	5.2E-05
Chronic	Urban Community	35	Port Moody	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	1.3E-05	1.3E-05
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	4.6E-05	4.6E-05
Chronic	Aboriginal Community	37	Seymour Creek 2	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	4.2E-05	4.2E-05
Chronic	Urban Community	39	Seymour Heights	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	3.0E-05	3.0E-05
Chronic	School	40	Seymour Heights Elementary School	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	2.7E-05	2.7E-05
Chronic	School	41	Sherwood Park Elementary School	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	4.5E-05	4.5E-05
Chronic	Urban Community	42	Simon Fraser University	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	2.1E-05	2.1E-05
Chronic	Urban Community	43	Sperling Broadway	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	1.5E-05	1.5E-05
Chronic	School	45	University Highlands Elementary	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	1.7E-05	1.7E-05
Chronic	Urban Community	46	Westridge	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	2.7E-05	2.7E-05
Chronic	Residence	47	Westridge 1	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	3.9E-05	3.9E-05
Chronic	Residence	48	Westridge 2	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	3.1E-05	3.1E-05
Chronic	Residence	49	Westridge 3	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	3.2E-05	3.2E-05
Chronic	Urban Community	51	Willingdon Heights	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	4.3E-05	4.3E-05
Chronic	Urban Community	52	Windsor Park	Vanadium	Annual	1.5E-02	1.5E-02	1.5E-02	3.3E-05	3.3E-05
Chronic	Urban Community	2	Belcarra	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	2.4E-06	2.4E-06
Chronic	Urban Community	4	Brentwood	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	5.7E-07	5.7E-07
Chronic	Urban Community	5	Burnaby Heights	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	8.2E-07	8.2E-07
Chronic	Aboriginal Community	10	Burrard Inlet 3	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	3.0E-06	3.0E-06
Chronic	Urban Community	12	Capital Hill	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	2.0E-06	2.0E-06
Chronic	Urban Community	14	Coombe	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	7.1E-07	7.1E-07
Chronic	Urban Community	15	Coquitlam	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	-1.7E-07	-1.7E-07
Chronic	Urban Community	16	Cove Cliff	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	1.7E-06	1.7E-06
Chronic	Assisted-Living Complex	17	Dania Manor	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	-9.8E-09	-9.8E-09
Chronic	Urban Community	18	Deep Cove	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	4.3E-07	4.3E-07
Chronic	Urban Community	19	Dollarton	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	4.5E-06	4.5E-06
Chronic	Urban Community	20	Douglas Gilpin	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	-4.7E-08	-4.7E-08
Chronic	School	22	École Capitol Hill Elementary School	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	8.4E-07	8.4E-07
Chronic	School	23	École Westridge Elementary School	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	3.7E-07	3.7E-07
Chronic	School	24	Forest Grove Elementary School	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	-1.6E-06	-1.6E-06
Chronic	Urban Community	25	Government Road	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	4.4E-08	4.4E-08
Chronic	Urban Community	27	Lake City	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	-2.8E-06	-2.8E-06

Duration	Location Description	Location ID	Location Name	Chemical of Potential Concern	Averaging Period/ Statistic	Risk Estimate				
						Base Case	Application Case	Cumulative Case	Project	Future
Chronic	Urban Community	28	Lochdale	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	3.8E-07	3.8E-07
Chronic	School	29	Lochdale Community School	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	-1.7E-07	-1.7E-07
Chronic	Urban Community	30	Lyndhurst	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	-7.1E-08	-7.1E-08
Chronic	School	31	Montecito Elementary School	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	-4.8E-07	-4.8E-07
Chronic	Urban Community	34	Parkcrest Aubrey	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	6.8E-07	6.8E-07
Chronic	Urban Community	35	Port Moody	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	-2.6E-07	-2.6E-07
Chronic	Assisted-Living Complex	36	Seton Villa Retirement Centre	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	5.7E-07	5.7E-07
Chronic	Aboriginal Community	37	Seymour Creek 2	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	8.7E-07	8.7E-07
Chronic	Urban Community	39	Seymour Heights	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	8.1E-07	8.1E-07
Chronic	School	40	Seymour Heights Elementary School	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	3.4E-07	3.4E-07
Chronic	School	41	Sherwood Park Elementary School	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	3.5E-06	3.5E-06
Chronic	Urban Community	42	Simon Fraser University	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	-3.7E-07	-3.7E-07
Chronic	Urban Community	43	Sperling Broadway	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	-2.6E-07	-2.6E-07
Chronic	School	45	University Highlands Elementary	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	-3.9E-07	-3.9E-07
Chronic	Urban Community	46	Westridge	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	8.2E-07	8.2E-07
Chronic	Residence	47	Westridge 1	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	2.4E-06	2.4E-06
Chronic	Residence	48	Westridge 2	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	2.0E-06	2.0E-06
Chronic	Residence	49	Westridge 3	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	1.8E-06	1.8E-06
Chronic	Urban Community	51	Willingdon Heights	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	4.8E-07	4.8E-07
Chronic	Urban Community	52	Windsor Park	Xylenes	Annual	1.9E-03	1.9E-03	1.9E-03	1.4E-06	1.4E-06