

Land Use Permit Security Worksheet

Final Estimate from MVLWB

Application Number:

Input
Amount Multiplier

Camp (C1)			
Temporary Structures			
Input number of tent frames or weatherhaven (3.5m x 4.2m)	6	\$200.00	\$1,200.00
Input number of trailers (3.5m x 15.2m)	0	\$300.00	\$0.00
Input total square metres of other temporary structures (i.e. core shacks)	0	\$2.50	\$0.00
Fixed Structures			
Input total square metres of fixed structures	0	\$25.00	\$0.00
Solid Waste			
For non-burnable material, input # of person days per season	672	\$1.00	\$672.00
For burnable material, input # of person days per season	672	\$0.50	\$336.00
Total C1		Final estimate	\$2,325.00

Regulated / Hazardous Materials (R1)			
Based upon on site volume			
Explosives; up to 500 kg (~pallet) dry explosives input 1, if none, input 0	0	\$500.00	\$0.00
Additional Explosives; input total kg >500	0	\$0.50	\$0.00
Drilling Muds (oil based); enter number of 63 m ³ (or equivalent) containers	0	\$1,000.00	\$0.00
Used Oil, Lubes and Antifreeze: enter number of pieces of heavy equipment	1	\$500.00	\$500.00
Other;			

Total R1		Final estimate	\$500.00

Hydrocarbon Storage and Transfer (H1)			
Based upon on site volume			
Gasoline and Diesel			
Enter total volume of gasoline&diesel <25,000 L	5200	\$0.50	\$2,600.00
Enter total volume of gasoline&fuel > 25,000 L	0	\$0.25	\$0.00
Total Gasoline and Diesel			\$2,600.00
When fuel is within bermed site or has other safety feature, enter 1, otherwise enter 0	1	25%	-\$650.00
Aviation Fuel			
Enter total volume of aviation fuel < 25,000 L	3000	\$0.50	\$1,500.00
Enter total volume of aviation fuel > 25,000 L	0	\$0.25	\$0.00
Total Aviation Fuel			\$1,500.00
When fuel is within bermed site or has other safety feature, enter 1, otherwise enter 0	1	25%	-\$375.00
Total H1		Final estimate	\$3,150.00

Land Disturbance (L1)			
Disturbed Surface Area			
<i>(Developed surface area that may require restoration through the use of scarification, reseeding, fertilizing or other similar techniques)</i>			
Enter number of hectares disturbed	3	\$1,000.00	\$3,000.00
Other Land Disturbances			
Creek Crossings; enter number of creek crossings	0	\$500.00	\$0.00
Off-Road Activities; if any activities are likely, enter 1	0	\$500.00	\$0.00
Sump Factor; enter total area occupied by sumps in m ²	0	\$10.00	\$0.00
Well Factor; enter number of wells.	0	\$25,000.00	\$0.00
Total L1		Final estimate	\$3,000.00

Land Use Permit Security Worksheet (continued)

Application Number:	Input Amount	Multiplier	
Equipment (E1)			
Based upon type of equipment			
Enter number of pieces of heavy equipment (i.e. dozer, forklift, large gensets)	1	\$1,000.00	\$1,000.00
Enter number of drills	1	\$1,000.00	\$1,000.00
Enter number of light vehicles (trucks, atvs, snowmobiles, boats)	0	\$250.00	\$0.00
Enter number of small generators or pumps	2	\$100.00	\$200.00
Enter number of empty fuel storage tanks	0	\$500.00	\$0.00
Total E1		Final estimate	\$3,000.00

Security Calculation			
Preliminary Calculation			
Enter amount from C1			\$2,325.00
Enter amount from R1			\$500.00
Enter amount from H1			\$3,150.00
Enter amount from L1			\$3,000.00
Enter amount from E1			\$3,000.00
Preliminary Calculation, total of above	A		\$11,975.00
Multipliers			
Site Access Multiplier. If the project has all weather road access enter 1, if ice road access enter 1.5, if air access enter 2	B	2	
Performance Multiplier. If applicant has successfully completed the terms of a LUP enter 0.85, otherwise enter 1	C	1	
Environmental Risk Factor. If location has high environmental value or unusual environmental risk enter 2. If location is previously disturbed enter 0.75. Otherwise enter 1.	D	1	
Calculated Security			
Multiply preliminary calculation (A) by performance multipliers (B, C and D)	E		\$15,268.13
Existing Securities			
List existing associated permits and amount of overlapping security			
Permit: _____			
Permit: _____			
Permit: _____			
Permit: _____			
Overlapping Securities, total of above	F		\$0.00
Final Security Determination			
Subtract overlapping securities (F) from calculated security (E)		Final estimate	\$15,268.13

Comments
Camps (C1) -
Temporary structures - 12 people on site (3 people per tent) = 4 tents, 1 dry tent, 1 kitchen tent
Fixed Structures - Total 0
Solid waste - 12 employees * 56 days = 672
Regulated/ Hazardous Materials (R1) - used oil, lubricants, antifreeze: enter pieces of heavy equipment = 1
Hydrocarbon Storage and Transfer (H1)
Gasoline = 10 containers 8 20L = 200L
Diesel = 25 containers * 200L = 5000L
TOTAL = 5000L
Aviation Fuel = 15* 200L = 3000L
Land Disturbance(L1)

Ha disturbed = 3ha

Equipment (E1)

Heavy = 1 helicopter

Drills = 1 drill

Light = 0

Small Generators or pumps = 1 water, 1 fuel pump

TOTAL = 2

Fuel storage tanks = 0