

Water Licence Security Worksheet

Application Number:	Input Amount	Multiplier	
Camp (C1)			
Temporary Structures			
Input number of tent frames or weatherhaven (3.5m x 4.2m)	0	\$200.00	\$0.00
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	0	\$1.00	\$0.00
For burnable material, input # of person days per season		\$0.50	\$0.00
Total C1			\$0.00

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	0	\$500.00	\$0.00
Other;			
Total R1			\$0.00

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

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	0	\$1,000.00	\$0.00
Other Land Disturbances			
Creek Crossings; enter number of creek crossings	1	\$500.00	\$500.00
Off-Road Activities; if any activities are likely, enter 1	1	\$500.00	\$500.00
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			\$1,000.00

Lupin Winter Access
Water Licence Application
September 2019

Water Licence 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)	22	\$1,000.00 \$22,000.00
Enter number of drills	0	\$1,000.00 \$0.00
Enter number of light vehicles (trucks, atvs, snowmobiles, boats)	18	\$250.00 \$4,500.00
Enter number of small generators or pumps	8	\$100.00 \$800.00
Enter number of empty fuel storage tanks	0	\$500.00 \$0.00
Total E1		\$27,300.00

Security Calculation		
Preliminary Calculation		
Enter amount from C1		\$0.00
Enter amount from R1		\$0.00
Enter amount from H1		\$0.00
Enter amount from L1		\$1,000.00
Enter amount from E1		\$27,300.00
Preliminary Calculation, total of above	A	\$28,300.00
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	1.5
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	0.75
Calculated Security		
Multiply preliminary calculation (A) by performance multipliers (B, C and D)	E	\$31,837.50
Existing Securities		
List existing associated permits and amount of overlapping security		
Permit: N2019F0001		\$29,600.00
Permit:		
Permit:		
Permit:		
Overlapping Securities, total of above	F	\$29,600.00
Final Security Determination		
Subtract overlapping securities (F) from calculated security (E)		\$2,237.50

Comment:	
The field pertaining to 'Creek Crossings' is considered here to address removal of snow fills	
and ice brides at each portage	