

### Water Licence Security Worksheet

Application Number:	Input Amount	Multiplier
<b>Camp (C1)</b>		
<b>Temporary Structures</b>		
Input number of tent frames or weatherhaven (3.5m x 4.2m)	0	\$200.00
Input number of trailers (3.5m x 15.2m)	0	\$300.00
Input total square metres of other temporary structures (i.e. core shacks)	0	\$2.50
<b>Fixed Structures</b>		
Input total square metres of fixed structures	0	\$25.00
<b>Solid Waste</b>		
For non-burnable material, input # of person days per season	0	\$1.00
For burnable material, input # of person days per season		\$0.50
<b>Total C1</b>		\$0.00

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

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

<b>Land Disturbance (L1)</b>	
<b>Disturbed Surface Area</b>	
<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	
<b>Total L1</b>	
	\$1,000.00

Lupin Winter Access  
Water Licence Application  
September 2019

Water Licence Security Worksheet (continued)

Application Number:		Input Amount	Multiplier
<b>Equipment (E1)</b>			
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
<b>Total E1</b>		\$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	<b>A</b>	\$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>B</b>	1.5
Performance Multiplier. If applicant has successfully completed the terms of a LUP enter 0.85, otherwise enter 1	<b>C</b>	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.	<b>D</b>	0.75

**Calculated Security**

Multiply preliminary calculation (A) by performance multipliers (B, C and D)	<b>E</b>	\$31,837.50
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**Existing Securities**

List existing associated permits and amount of overlapping security		
Permit: N2019F0001		\$29,600.00
Permit:		
Permit:		
Permit:		
Overlapping Securities, total of above	<b>F</b>	\$29,600.00

**Final Security Determination**

Subtract overlapping securities (F) from calculated security (E)		\$2,237.50
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**Comment:**

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