

**Land Use Permit Security Worksheet**

Application Number: W2018C0007 Amendment

**Input  
Amount Multiplier**

**Comment**

**Camp (C1)**

**Temporary Structures**

Input number of tent frames or weatherhaven (3.5m x 4.2m) 16

Input number of trailers (3.5m x 15.2m) 0

Input total square metres of other temporary structures (i.e. core shacks) 650

**Fixed Structures**

Input total square metres of fixed structures 0

**Solid Waste**

For non-burnable material, input # of person days per season 5040

For burnable material, input # of person days per season 5040

**Total C1** \$12,385.00

\*This Worksheet contains additional accomodation and equipment included in the W2018C0007 Amendment

Assume additional 16 sleepers for additional personnel

Assume additional structures due to increased personnel

Amendment is for an additional 30 persons x 168 days = 5,040 person days

**Regulated / Hazardous Materials (R1)**

Based upon on site volume

Explosives; up to 500 kg (~pallet) dry explosives input 1, if none, input 0 0

Additional Explosives; input total kg >500 0

Drilling Muds (oil based); enter number of 63 m<sup>3</sup> (or equivalent) containers 0

Used Oil, Lubes and Antifreeze: enter number of pieces of heavy equipment 4

Other; \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Total R1** \$2,000.00

Addition of two drills and two generators

**Hydrocarbon Storage and Transfer (H1)**

Based upon on site volume

**Gasoline and Diesel**

Enter total volume of gasoline&diesel <25,000 L 0

Enter total volume of gasoline&fuel > 25,000 L 0

Total Gasoline and Diesel \$0.00

When fuel is within bermed site or has other safety feature, enter 1, otherwise enter 0 1

**Aviation Fuel**

Enter total volume of aviation fuel < 25,000 L 0

Enter total volume of aviation fuel > 25,000 L 0

Total Aviation Fuel \$0.00

When fuel is within bermed site or has other safety feature, enter 1, otherwise enter 0 1

**Total H1** \$0.00

Assumes that the volume of fuel stored onsite will remain consistent and that number of fuel re-supply flights will increase to account for additional personnel

**Land Disturbance (L1)**

**Disturbed Surface Area**

*(Developed surface area that may require restoration through the use of scarification, reseeding, fertilizing or other similar techniques)*

Enter number of hectares disturbed 0

**Other Land Disturbances**

Creek Crossings; enter number of creek crossings 0

Off-Road Activities; if any activities are likely, enter 1 0

Sump Factor; enter total area occupied by sumps in m<sup>2</sup> 100

Well Factor; enter number of wells. 0

**Total L1** \$1,000.00

Assumes additional drigs rigs will increase number of active sumps

**Land Use Permit Security Worksheet (continued)**

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	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)	2	\$1,000.00	\$2,000.00
Enter number of drills	2	\$1,000.00	\$2,000.00
Enter number of light vehicles (trucks, atvs, snowmobiles, boats)	8	\$250.00	\$2,000.00
Enter number of small generators or pumps	0	\$100.00	\$0.00
Enter number of empty fuel storage tanks	0	\$500.00	\$0.00
<b>Total E1</b>			<b>\$6,000.00</b>

Two additional generators  
Two additional drills  
Four snowmachines and four UTVs

<b>Security Calculation</b>			
<b>Preliminary Calculation</b>			
Enter amount from C1			\$12,385.00
Enter amount from R1			\$2,000.00
Enter amount from H1			\$0.00
Enter amount from L1			\$1,000.00
Enter amount from E1			\$6,000.00
Preliminary Calculation, total of above	A		\$21,385.00
<b>Multipliers</b>			
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	Winter road
Performance Multiplier. If applicant has successfully completed the terms of a LUP enter 0.85, otherwise enter 1	C	0.85	Yes; W2012C0002 and W2012X0003
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	Majority of LUP activities are at the Colomac Site
<b>Calculated Security</b>			
Multiply preliminary calculation (A) by performance multipliers (B, C and D)	E		\$20,449.41
<b>Existing Securities</b>			
List existing associated permits and amount of overlapping security			
Permit: <b>Permit: W2012C0002 now W2018C0007 Total of \$399,729.00 held currently, this spreadsheet details changes over and above the existing securities held.</b>			< see note
Permit: _____			
Permit: _____			
Overlapping Securities, total of above	F		\$0.00
<b>Final Security Determination</b>			
Subtract overlapping securities (F) from calculated security (E)			\$20,449.41

<b>Comments</b>	
Total Security for W2018C0007	\$420,178.41