

## Land Use Permit 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)	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
<b>Fixed Structures</b>			
Input total square metres of fixed structures	0	\$25.00	\$0.00
<b>Solid Waste</b>			
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
<b>Total C1</b>			<b>\$2,208.00</b>

<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	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 <sup>3</sup> (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;			
_____			
_____			
_____			
<b>Total R1</b>			<b>\$500.00</b>

<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	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
<b>Aviation Fuel</b>			
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
<b>Total H1</b>			<b>\$3,075.00</b>

<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	3	\$1,000.00	\$3,000.00
<b>Other Land Disturbances</b>			
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 <sup>2</sup>	0	\$10.00	\$0.00
Well Factor; enter number of wells.	0	\$25,000.00	\$0.00
<b>Total L1</b>			<b>\$3,000.00</b>

**Land Use Permit 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)	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
<b>Total E1</b>			<b>\$2,200.00</b>

<b>Security Calculation</b>			
<b>Preliminary Calculation</b>			
Enter amount from C1			\$2,208.00
Enter amount from R1			\$500.00
Enter amount from H1			\$3,075.00
Enter amount from L1			\$3,000.00
Enter amount from E1			\$2,200.00
Preliminary Calculation, total of above		<b>A</b>	\$10,983.00
<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>B</b>	2
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>	1
<b>Calculated Security</b>			
Multiply preliminary calculation (A) by performance multipliers (B, C and D)		<b>E</b>	\$21,966.00
<b>Existing Securities</b>			
List existing associated permits and amount of overlapping security			
Permit: _____			
Permit: _____			
Permit: _____			
Permit: _____			
Overlapping Securities, total of above		<b>F</b>	\$0.00
<b>Final Security Determination</b>			
Subtract overlapping securities (F) from calculated security (E)			<b>\$21,966.00</b>

<b>Comments</b>
<b>Camps (C1) -</b>
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
<b>Hydrocarbon Storage and Transfer (H1)</b>
Gasoline = 10 containers 8 20L = 200L
Diesel = 25 containers * 200L = 5000L
TOTAL = 5000L
Aviation Fuel = 15* 200L = 3000L
<b>Land Disturbance(L1)</b>

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