

Land Use Permit Security Worksheet

Application Number:

Input
Amount Multiplier

Camp (C1)		Input Amount	Multiplier	
Temporary Structures				DRAFT
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)		11	\$300.00	\$3,300.00
Input total square metres of other temporary structures (i.e. core shacks)		2	\$2.50	\$5.00
Fixed Structures				
Input total square metres of fixed structures		550	\$25.00	\$13,750.00
Solid Waste				COPY
For non-burnable material, input # of person days per season		6	\$1.00	\$6.00
For burnable material, input # of person days per season		4	\$0.50	\$2.00
Total C1				\$17,063.00

Regulated / Hazardous Materials (R1)		Input Amount	Multiplier	
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		5	\$500.00	\$2,500.00
Other;				

Total R1				\$2,500.00

Hydrocarbon Storage and Transfer (H1)		Input Amount	Multiplier	
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		150,000	\$0.25	\$37,500.00
Total Gasoline and Diesel				\$37,500.00
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		3500	\$0.50	\$1,750.00
Enter total volume of aviation fuel > 25,000 L		0	\$0.25	\$0.00
Total Aviation Fuel				\$1,750.00
When fuel is within bermed site or has other safety feature, enter 1, otherwise enter 0		1	25%	-\$437.50
Total H1				\$38,812.50

Land Disturbance (L1)		Input Amount	Multiplier	
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		10	\$1,000.00	\$10,000.00
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				\$10,000.00

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)	6	\$1,000.00	\$6,000.00
Enter number of drills	1	\$1,000.00	\$1,000.00
Enter number of light vehicles (trucks, atvs, snowmobiles, boats)	11	\$250.00	\$2,750.00
Enter number of small generators or pumps	4	\$100.00	\$400.00
Enter number of empty fuel storage tanks	4	\$500.00	\$2,000.00
Total E1			\$12,150.00

Security Calculation			
Preliminary Calculation			
Enter amount from C1			\$17,063.00
Enter amount from R1			\$2,500.00
Enter amount from H1			\$38,812.50
Enter amount from L1			\$10,000.00
Enter amount from E1			\$12,150.00
Preliminary Calculation, total of above		A	\$80,525.50
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	0.85
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	\$77,002.51
Existing Securities			
List existing associated permits and amount of overlapping security			
Permit: W2016C0002			\$73,000.00
Permit:			
Permit:			
Permit:			
Overlapping Securities, total of above		F	\$73,000.00
Final Security Determination			
Subtract overlapping securities (F) from calculated security (E)			\$4,002.51

Comment: See accompanying document below

NICO Project Land Use Permit Renewal Security Calculation Comments

- There are few standalone structures remaining at the NICO project. Structures are the shop, core shack, snowmobile shack, generator shack and the water treatment shed.
- Everything but the shop can be considered burnable material and can be easily demolished
- the shop is foldable and easily disassembled.
- non burnable material such as metals and plastics have already been compiled in lay-down areas by the portal or Lou Lake for easy access and removal
- There are currently no explosives at the site. The three seacans used for the storage of explosives are located alongside the main road and are ready for transport.
- the lubrication oils listed in the application are all stacked and ready for transport
- All of the equipment used in the underground bulk sample including the seacans are staged along the main road and can be easily accessed for removal
- There is approximately 175,000 liters of diesel remaining on site in double walled EnviroTanks. This fuel is safe for use as it has been used on a regular basis throughout the care and maintenance program and also the drilling program in 2021. Fortune believes it should be credited with the value of that fuel during the security calculation based on the fact that diesel fuel is available at site for reclamation efforts. For the purposes of this calculation, fortune has removed 25,000 liters from the overall total available at site for use during reclamation. The total in this spreadsheet is listed as 150,000 liters based on this position.
- The NICO Project site is primarily bedrock and boulder beds dominated with jack pine and mixed spruce forests on rock outcrops. White spruce, birch and trembling aspen stands are found in low-elevation areas with adequate nutrient and water supplies. Natural revegetation process is have been evident throughout the project life and Fortune often past to cut back the shrubs and trees that grow into areas that have previously been cleared. A good example of the natural revegetation process can be seen in the former road to the Grid Pond in Figure 4. The shrubs and trees have now grown back into this road to the point where it is unnavigable by vehicle because of the size and density of the vegetation. Another example is the winter road route (Figure 5) which has grown over with shrubs and paper birch saplings since it was last used. Fortune has budgeted for scarification only for the roads (1.5 ha), building foundations and other high traffic areas (8.5 ha) where compaction may be an issue. Lay-down areas, old roads and clean waste rockpiles will be left to revegetate on their own based on several years of observation. Many of these areas are in the process of being colonized by vegetation as shown in the photos.
- The camp an associated generator and water systems are all in operation and can be used during reclamation.