

Land Use Permit Security Worksheet - Darnley Bay Exploration Program

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)	10	\$300.00	\$3,000.00
Input total square metres of other temporary structures (i.e. core shacks)	120	\$2.50	\$300.00
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	12775	\$1.00	\$12,775.00
For burnable material, input # of person days per season	0	\$0.50	\$0.00
Total C1			\$16,075.00

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	1	\$1,000.00	\$1,000.00
Used Oil, Lubes and Antifreeze: enter number of pieces of heavy equipment	20	\$500.00	\$10,000.00
Other;			

Total R1			\$11,000.00

Hydrocarbon Storage and Transfer (H1)			
Based upon on site volume			
Gasoline and Diesel			
Enter total volume of gasoline&diesel <25,000 L	12000	\$0.50	\$6,000.00
Enter total volume of gasoline&fuel > 25,000 L	0	\$0.25	\$0.00
Total Gasoline and Diesel			\$6,000.00
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	4000	\$0.50	\$2,000.00
Enter total volume of aviation fuel > 25,000 L	0	\$0.25	\$0.00
Total Aviation Fuel			\$2,000.00
When fuel is within bermed site or has other safety feature, enter 1, otherwise enter 0	0	25%	\$0.00
Total H1			\$8,000.00

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	135	\$1,000.00	\$135,000.00
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			\$135,000.00

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)	20	\$1,000.00	\$20,000.00
Enter number of drills	3	\$1,000.00	\$3,000.00
Enter number of light vehicles (trucks, atvs, snowmobiles, boats)	36	\$250.00	\$9,000.00
Enter number of small generators or pumps	6	\$100.00	\$600.00
Enter number of empty fuel storage tanks	3	\$500.00	\$1,500.00
Total E1			\$34,100.00

Security Calculation			
Preliminary Calculation			
Enter amount from C1			\$16,075.00
Enter amount from R1			\$11,000.00
Enter amount from H1			\$8,000.00
Enter amount from L1			\$135,000.00
Enter amount from E1			\$34,100.00
Preliminary Calculation, total of above	A		\$204,175.00
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	
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		\$153,131.25
Existing Securities			
List existing associated permits and amount of overlapping security			
MV2016C0023			\$30,000.00
Permit: _____			
Permit: _____			
Permit: _____			
Overlapping Securities, total of above	F		\$30,000.00
Final Security Determination			
Subtract overlapping securities (F) from calculated security (E)			\$123,131.25

Comments
Nonburnable waste assumes 35 workers for 365 days/year. Actual number will likely be lower.
At this time there is no plan to actually construct a camp as the workforce can commute from town.