

SCREENING PART 1 FORM PROJECT PROPOSAL SUMMARY

For more information about the Nunavut Impact Review Board (NIRB) please visit our web site http://nirb.nunavut.ca/ or to access NIRB documents, project screenings, and project reviews please visit the Nunavut Impact Review Board ftp site http://ftp.nunavut.ca/nirb.

IMPORTANT

Please be advised that your application will not be processed until the following sections 1 - 6 are completed in full in English and Inuktitut (+ Inuinnaqtun, if in the Kitikmeot). Translated versions of this form in Inuktitut and Inuinnaqtun are available from NIRB's ftp site at http://ftp.nunavut.ca/nirb/

SE	CTION 1: APPLICANT INFORMATION		
Ple rela If y	a) Project Number ase indicate if applicant has submitted any previous appl ated to this project proposal? es, please indicate the previous NIRB project mber(s):	ication(s) to	o NIRB Yes No ✓
1. I	o) Project Name Starfield Resources Ferguson Lak	e Explora	tion
2.	Applicant's full name and mailing address:	_	
	Starfield Resources Inc.	Fax:	604-608 0344
	John Nicholson		
	420-625 Howe Street Vancouver, BC V6C 2T6		
		Phone:	604-680-0400
		Email:	john_nicholson@telus.net
3.	Primary contact's full name and mailing address:	_	
	Starfield Resources Inc.	Fax:	
	John Nicholson		604-608-0344
	420-625 Howe Street		
	Vancouver, BC V6C 2T6		
		Phone:	604-680-0400



	Email:	john_nicholson@telus.net
Secondary contact's full name and mailing address:	Fow	
Rescan Environmental Services Inc. (Environmental contractors)	rax.	(604)687-4277
Sixth Floor, 1111 West Hastings Street		
Vancouver, B.C. Canada V6E 2J3 Attn: Latisha Heilman		
	Phone:	(604)689-9460
	Email:	lheilman@rescan.com
, ,	ND)	
Canadian Launch Safety (CLS) Environment Canada (EC) Government of Nunavut (GN)		
Parks Canada (PC)	(CLEY)	
Other (please specify):		
	Rescan Environmental Services Inc. (Environmental contractors) Sixth Floor, 1111 West Hastings Street Vancouver, B.C. Canada V6E 2J3 Attn: Latisha Heilman ECTION 2: AUTHORIZATION NEEDED Indicate all authorizations associated with the project Regional Inuit Association (RIA) Nunavut Water Board (NWB) Nunavut Planning Commission (NPC) Department of Indian And Northern Development (DIAN Department of Fisheries and Oceans (DFO) Community Government & Services (CG&S) Nunavut Research Institute (NRI) Hamlet Canadian Launch Safety (CLS) Environment Canada (EC) Government of Nunavut (GN) Department of Nunavut (GN) Department of Culture, Language, Elders, and Youths (Parks Canada (PC)	Rescan Environmental Services Inc. (Environmental contractors) Sixth Floor, 1111 West Hastings Street Vancouver, B.C. Canada V6E 2J3 Attn: Latisha Heilman Phone: Email: ECTION 2: AUTHORIZATION NEEDED Indicate all authorizations associated with the project proposal: Regional Inuit Association (RIA) Nunavut Water Board (NWB) Nunavut Planning Commission (NPC) Department of Indian And Northern Development (DIAND) Department of Fisheries and Oceans (DFO) Community Government & Services (CG&S) Nunavut Research Institute (NRI) Hamlet Canadian Launch Safety (CLS) Environment Canada (EC) Government of Nunavut (GN) Department of Nunavut (GN) Department of Culture, Language, Elders, and Youths (CLEY) Parks Canada (PC)



SECTION 3: PROJECT PROPOSAL DESCRIPTION

1.	Indicate the type of project proposal: Exploration (geophysical ground, geophysical air, drilling) Advanced Exploration/ Bulk Sampling Mine Development All Weather Roads and Trails Winter Roads and Trails DEW Line Clean up Off-Shore Infrastructure Pit and/or Quarry Other: Camp construction		
2	Indicate the activities related to the project proposal	-	
Z .	Drilling other than geoscientific	_	Quarrying
	Offshore structure		All season road
✓	Airport/ landing strip	√	Winter road
√	Camp		Access road
√	Fuel storage		Road modification
√	Solid waste disposal		Cabins
	Hazardous waste storage or disposal	✓	Sewage or grey water disposal
	Research		Blasting
√	Abandonment and Restoration		Harvesting
	Burning		Burying
√	Construction		Channeling
	Cut and/or Fill		Removal of vegetation
	Dam/ Impoundment (construction/ abandonment/ removal/ modification)		Ditch construction
	Drainage Alteration		Excavation
	Chemical Storage		Ecological survey
	Explosives Storage		Geoscientific sampling by trenching
✓	Geoscientific sampling by diamond drilling		Geoscientific sampling by borehole core
	Geoscientific sampling by soil sampling		Hydrological testing
✓	River/ stream/ lake crossing or work/ bridge	✓	Site restoration (fertilization/ grubbing/ scarification/
	Soil testing		spraying/ recontouring) Soil disposal/ Soil storage
	Tunneling		Other (please specify):
			(P-3-3-3 - P-3-3-7).
	Personnel		
			person days 8507
on	site = (A)	10. d	ays on site
4	Timing		
	eriod of operation: March 15		to December 15



Proposed term of permit:	February 20/2006	to Up to 40 year commercial	rs with KIA level III lease
Please outline the phases of and scheduling of each phase		truction/ operation/ decommissioning) in propertion of the properties of the propert	ncluding the timing
-	n 15- December 15, Per	riods of shutdown: December	r 15- March 15 (2-3 care
takers will remain on site).			
Periods of restoration: It is	an ongoing facility, prog	gressive reclamation will occ	eur as according to the
Abandonment and restorati	on plan.		
5. Region (check all that apply) Baffin	ı: Kivalliq Kitikr	neot Transbounda	ary:
6. Land Status (check all that Crown Commission	· · · · ·	urface lands	ned Sub-Surface Lands
7. Co-ordinates:			
Min Lat (degree/minute)	96°54'3"	Min Long (degree/minute)	62°53'29"
Max Lat (degree/minute)	96° 54'16"	Max Long (degree/minute)	62°53'35"
NTS Map Sheet No: ()65]	7/15		
Please ensure that maps of available from Natural Resou		50,000 if available , 1:250, 000	Mandatory)
If the project proposal include	es a camp , please provide	the coordinates of the camp lo	cation
Min Lat (degree/minute)	96°54'3"	Min Long (degree/minute)	62°53'29"
Max Lat (degree/minute)	96° 54'10"	Max Long (degree/minute)	62°53'32"
If different from above for the NTS Map Sheet No: Please ensure that maps of available from Natural Resou	the camp are attached (1:5	0,000 if available , 1:250, 000 l	Mandatory)

8. Non-Technical Project Proposal Summary

Please include a non-technical description of the project proposal, no more than 500 words, in English and Inuktitut (+Inuinnaqtun, if in the Kitikmeot). The project description should outline the following:

- The project activities, their necessity and duration;
- Method of transportation;
- Any structures that will be erected (permanent/ temporary);
- Alternatives considered; and
- Long-term developments, the projected outcome of the development for the area and its timeline.

SECTION 4: MATERIAL USE



1. List equipment (including drills, pumps, aircrafts, etc.):

1. List equipment (including units, pumps,	unorunto, cto./i	
Equipment type and number	Size – dimensions	Proposed use
Articulated truck - 1	250D, Ground pressure: 65 psi	For future activity
	with maximum load	-
Track type tractor (dozer) - 2	LGP, Ground pressure: 4.14	Move equipment around on
	psi	camp
Loader (1 track) - 1	287B, Ground pressure: 3.8 psi	Move core boxes and other
		heavy equipment
Excavator - 1	320BL, Ground pressure: 6.95	Excavate a sump
	psi	
Snow cat - 2	BR 160, Ground pressure:	Transportation
	minimal	
Snow mobile - 20	Various, Ground pressure:	Transportation
	minimal	

2. Detail fuel and hazardous material use:

Fuels	Number of Containers	Capacity of containers (gal & litre)	
• Diesel	75	205L	
Gasoline	550	205L	
Aviation fuel	3	205L	
Propane	1	100 lb tank	
Other (oils/lubricants)	25	10 L	
Hazardous material (please specify)	n/a		

SECTION 5: WASTE DISPOSAL AND TREATMENT FACILITIES

1. List the types of waste:

1. List the types of waste.						
Type of waste	Projected amount	Method of Disposal	Additional treatment			
	generated		procedures			
Sewage & Greywater	Less than 7.7 cubic	rotating biological	12m x 12m sump			
	metres per day	contactor or similar	Sludge will be			
		system	removed, air dried and			
			incinerated on site at a			
			frequency determined			
			by the camp			
			population			
Garbage	Volumes of solid	CY 1020 FA "D"	Ash from the waste			
	waste will vary with	KEYTEK Incinerator	station will be re-			
	the daily population		burned in the garbage			



incinerator

of the camp (max 30

	1 \				
	people)				
Overburden (organic soil, waste material, tailings)	N/A				
Hazardous waste	none				
Other: waste oil	0.1 cubic m	netres per	incinerated or use	d for	
	week		heating purposes		
CECTION C. COMM	LINITY INVE	N VEMENT	O DECIONAL D	FNEETC	
SECTION 6: COMM	UNITY INVO	DLVEWENI	& REGIONAL B	ENEFIIS	
1. List the community	renresentativ	es that have	heen contacted an	nd nrovide the mi	inutes of the
meetings if available:	-			=	
the area as well as Star			-		_
Starfield will host a se			_		-
Baker Lake, and Arvia		meetings in	the communities	will be field in I	Kunkin inici,
Buker Luke, and mi via					
Community	Name	Organization	Date Contacted	Telephone No.	Fax No.
l l					
Applicant:					