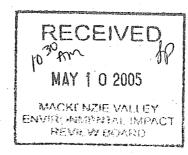


### Mackenzie Valley Land and Water Board

7th Floor - 4910 50th Avenue • P.O. Box 2130 YELLOWKNIFE, NT X1A 2P6 Phone (867) 669-0506 • FAX (867) 873-6610



May 3, 2005



File: MV2005C0006

Mr. Vern Christensen, Executive Director Box 938, 200 Scotia Center YELLOWKNIFE NT X1A 2N7

Fax: 867-766-7074

Dear Mr. Christensen:

Referral to Environmental Assessment Alberta Star Development Corp., Land Use Permit MV2005C0006 Mineral Exploration, MacInnis Lake

This Mackenzie Valley Land and Water Board (MVLWB) met on April 29, 2005, to deal with the aforementioned application. The decision was made to refer the application to the Mackenzie Valley Environmental Impact Review Board (MVEIRB) for an environmental assessment pursuant to subsection 125(1) of the *Mackenzie Valley Resource Management Act*. The reasons for decision and the preliminary screening report are attached for your information.

If you have any questions, contact Peter Lennie-Misgeld, Senior Regulatory Officer at (867) 669-0506 or email <a href="mailto:mvlwb.com">mvlwbpermit@mvlwb.com</a>.

Yours sincerely,

**Todd Burlingame** 

Chair

Copy to:

Tim Coupland, President, Alberta Star Development Corp.

Ed Hornby, South Mackenzie District, DIAND, Yellowknife

Adrian Paradis, MVLWB

Attachment

Letter from Lutsel K'e Dene First Nation

#### PRELIMINARY SCREENING REPORT FORM

PRELIMINARY SCREENER: MVLWB REFERENCE / FILE NUMBER: MV2005C0006 TITLE: Mineral Exploration, MacInnis Lake ORGANIZATION: Alberta Star Development ( MEETING DATE: April 29, 2005		EIRB REFERENCE NUMBER:	
Sphale Benefits and the source of the State			
Type of Development: (CHECK ALL THAT APPLY)	□ Require	EIRB Ref. # s permit, license or authorization of require permit, license or authorization	
Project Summary			
Alberta Star Development Corp. is proposing to d			
Scope	* •		•
This permit entitles Alberta Star Development of including the establishment of a temporary camp will take place within 61° 17' N by 110° 18' W and	, fuel storage, expl	ne following activities for mineral exploration near Mac oratory drilling and the deposit of sewage and grey wate 05' W.	Innis Lake, NT er. All activities
Principal Activities (related to scoping) (CHECK ALL THAT APPLY)			
☐ Construction ☐ Installation ☐ Maintenance ☐ Expansion ☐ Operation ☐ Repair ☐ Research ☐ Water Intake ☐ Other:	□ Exploration     □ Industrial     □ Recreation     □ Municipal     □ Quarry     □ Linear / Corrid	□ Decommissioning □ Abandonment □ Aerial □ Harvesting □ Camp □ Scientific/ □ Solid Waste	
Principal Development Components (related t	o scoping)		
□ Access Road     □ construction     □ abandonment/removal     □ modification e.g., widening, straightening     △ Automobile, Aircraft or Vessel Movement     □ Blasting     □ Building     □ Burning     □ Burying     □ Channeling     □ Cut and Fill     ☑ Cutting of Trees or Removal of Vegetation     □ Dams and Impoundments     □ construction     □ abandonment/removal     □ modification     □ Ditch Construction     □ Drainage Alteration     □ Drainage Alteration     □ Drilling other than Geoscientific     □ Ecological Surveys     □ Excavation     □ Explosive Storage     ☑ Topsoil, Overburden or Soil     □ fill			
☐ disposal ☐ storage		in Care (accorde).	

### **NTS Topographic Map Sheet Numbers** Latitude / Longitude and UTM System: Minimum latitude 61° 17' N Maximum latitude 61° 26' N Minimum longitude 110° 18' W Maximum longitude 110° 05' W **Nearest Community and Water Body:** MacInnis Lake Lutsel K'e Fort Resolution Land Status (consultation information) Free Hold / Private ☐ Commissioners Land ☐ Municipal Land Transboundary Implications ☐ Alberta ☐ Wood Buffalo National Park British Columbia Saskatchewan ☐ Yukon □ Nunavut ☐ Inuvialuit Settlement Region Type of Transboundary Implication: Impact / Effect ☐ Development ☐ Public Concern (DESCRIBE). **PHYSICAL - CHEMICAL EFFECTS IMPACT MITIGATION Ground Water** water table alteration water quality changes Proper disposal of sewage and waste products, as well as proper handling and disposal of fuel and other hazardous material should mitigate this concern. infiltration changes ☐ other □ N/A **IMPACT MITIGATION Surface Water** ☐ flow or level changes water quality changes Proper disposal of sewage and waste products, as well as proper handling and disposal of fuel and other hazardous material should mitigate this concern. Spill Contingency Plan in place with NWT 24-Hour Spill Report Line to be contacted at (867) 920-8130. Fuel cache to be located 100m above high water mark. Land Use Permit Condition 50. Natural depressions to be used as sumps. Any cuttings resulting from drilling activities are to be impounded at or near the drill site and returned down the hole at the conclusion of the drilling. Land Use Permit Conditions 17, 18 & 19. Conditions 14, 15 and 16 prescribe disposal methods for drill cuttings containing uranium to mitigate any potential contamination to surface waters. mater quantity changes □ Drainage pattern changes ☐ temperature wetland changes / loss ☐ other: □ N/A

IMPACT 3. Noise	MITIGATION
☑ noise in/near water	No mitigation of localized and short-term noise impact from drilling activities.
other: noise increase	
□ N/A	
IMPACT 4. Land	MITIGATION
geologic structure changes	
Soil contamination     Soil contamin	Proper handling of fuel, hazardous materials and waste should mitigate this concern.
	Conditions 14, 15 and 16 prescribe disposal methods for drill cuttings containing uranium to mitigate any potential contamination to soil layers.
☐ buffer zone loss	
soil compaction & settling	
☐ Destabilization / erosion	
permafrost regime alteration	
other: explosives/scarring	
□ N/A	
IMPACT 5. Non Renewable Natural Resources	MITIGATION
□ resource depletion	No Mitigation – Removal of sample materials.
other:	
□ N/A	
IMPACT 6. Air/Climate/ Atmosphere	MITIGATION
Other	
⊠ N/A	
BIOLOGICAL ENVIRONMENT	
IMPACT 1. Vegetation	MITIGATION
species composition	
species introduction	
☐ toxin / heavy accumulation	en de la composition de la composition La composition de la
other:	
⊠ N/A IMPACT 2. Wildlife & Fish	MITIGATION
☑ effects on rare, threatened or endangered species	Species at risk that may be encountered in this area include: Peregrine Falcon, Grizzly Bear & Wolverine. While conducting their operations the proponent should be aware of the special status and minimize disturbance to, or contact with, these species.
☐ fish population changes	
waterfowl population changes	

☐ breeding disturbance		
population reduction		
species diversity change		
☐ health changes (Identify)		
□ behavioural changes     (avoidance)	Some species, such as caribou, may avoid the vicinity of operations occurring. This should be very localized and short term. Having the minimize operations when large populations of game species are in toperation should mitigate any impacts. Land Use Permit Conditions	proponent he area of the
☐ habitat changes / effects		
☑ game species effects	Some species, such as caribou, may avoid the vicinity of operation woccurring. This should be very localized and short term. Having the minimize operations when large populations of game species are in toperation should mitigate any impacts. Land Use Permit Conditions	proponent the area of the
toxins / heavy metals		
☐ forestry changes		
agricultural changes		
other:		
☐ N/A INTERACTING ENVIRONMENT		
IMPACT 1. Habitat and Communities	MITIGATION	
☐ predator-prey		
☐ wildlife habitat / ecosystem Composition changes		
reduction / removal of keystone or endangered species		
removal of wildlife corridor or buffer zone		
☐ other:		
⊠ N/A		
IMPACT 2. Social and Economic	MITIGATION	
☐ planning / zoning changes or conflicts		
☐ increase in urban facilities or services use		
☐ rental house		
airport operations / capacity changes		

☐ human health hazard

						• • •	4.1
affect water use for other purposes		•					
	•						
N offerst otherwise days							
☑ affect other land use operations		asing to be ri ondition 13.	emoved, if	possible, or	cut off level v	vith the ground	. Land Use
	All equip	ment, fuels a	nd supplies	s to be remo	ved from dril	sites upon co	mpletion of
quality of life changes	110100.	e e e e e e e e e e e e e e e e e e e	•				
☑ public concern	Lutsel K'e				d concerns ou are extremely	tlining: / important to l	KDFN and
		Deninu Kue historical, ar	First Nati	on for hunti al and spiritu	ng, fishing, a	and trapping. ocated within th	Numerous e Nonacho
		culturally and	d ecological	lly important a	areas is too g	for negative reat and do not upport any initia	support full
		mineral expl			andy do not o	apport arry man	ar olagoo ol
other:							
□ N/A							
IMPACT 3. Cultural and Heritage	MITIGAT	TION					
effects to historic property			. *				
increased economic pressure on historic properties							
change to or loss of historic resources			· · · · · · ·				
change to or loss of archaeological resources							
☑ increased pressure on archaeological sites					itaining safe v ons 42, 43, 44	orking distance and 45.	es should
change to or loss of aesthetically important site							
effects to aboriginal lifestyle							
☐ other:		•					•
□ N/A							
NOTES:							

#### .

#### Consultation

- Pursuant to section 1.6 (a) and (b) of the Akaitcho Territory Dene First Nations (ATDFN) Interim Measures
  Agreement, the MVLWB determined that written notice was given to the ATDFN and that a reasonable period of
  time was allowed for ATDFN to make representations with respect to the application
- Pursuant to schedule 4.1 of the Northwest Territory Metis Nation (NWTMN) Interim Measures Agreement, the MVLWB determined that written notice was given to the NWTMN and that a reasonable period of time was allowed for NWTMN to make representations with respect to the application

# PRELIMINARY SCREENER / REFERRING BODY INFORMATION (CHECK ALL THAT APPLY)

	RA or DRA	ADVICE	PERMIT REQUIRED
Environment Canada Fisheries and Oceans Indian and Northern Affairs Canada Canadian Heritage (Parks Canada) National Energy Board Natural Resources Canada Public Works and Gov't Services Transport Canada Northern Oil and Gas Directorate Canadian Nuclear Safety Industry Canada Canadian Transportation Agency National Defence GNWT - RWED GNWT - MACA GNWT - Transportation Prince of Wales Heritage Center MVEIRB	000000000000000000000000000000000000000		
Deh Cho First Nations Liidlii Kue First Nation (Ft Simpson) Deh Gah Got'ie Dene Council (Ft Prov.) Acho Dene Koe First Nation (Fort Liard) Nahanni Butte First Nation (Wrigley) Tthedzeh Ki First Nation (Wrigley) Tthedzeh K'edeli First Nation (JMR) Ka'a'gee Tu First Nation (Kakisa) Sambaa K'e Dene Band (Trout Lake) K'atlodeeche First Nations (Hay River) West Point First Nations (Hay River) Hamlet of Fort Providence Hamlet of Fort Liard Village of Fort Simpson Town of Hay River Enterprise Settlement Corporation  Dogrib Treaty 11 Council Dogrib Rae Band Wha Ti First Nation Dechi Laot'l Council (Wekweti) Gameti First Nation (Rae Lakes) Lutselk'e Dene First Nation Yellowknives Dene First Nation (Dettah) Rea-Edzo Metis Local #64 North Slave Metis Alliance Hamlet of Rae Edzo Charter Community of Wha Ti City of Yellowknife			000000000000000000000000000000000000000
Fort Smith Metis Council Salt River First Nations Smith Landing First Nation Katlodeeche First Nation West Point First Nation Northwest Territory Metis Nation Hay River Metis Council Deninu Ku'e First Nations Fort Resolution Metis Council Deninu Ku'e Env. Working Committee Akaitcho Territory Government Town of Hay River Deninoo Community Council Town of Fort Smith Enterprise Settlement Corporation			000000000000000000

# REASONS FOR DECISION (LIST ALL REASONS AND SUPPORTING RATIONALES FOR PRELIMINARY SCREENING DECISION)

#### **DECISION:**

The Mackenzie Valley Land and Water Board (The Board) is satisfied that the preliminary screening of application MV2005C0006, Alberta Star Development Corp., mineral exploration has been completed in accordance with section 125 of the *Mackenzie Valley Resource Management Act*.

The Board is satisfied that a reasonable period of notice was given to Communities and First Nations affected by the application as required by subsection 63(2) of the MVRMA so that they could provide comments to the Board.

Having reviewed all relevant evidence on the Public Registry, including the submissions of the Applicant, the written comments received by the Board and any staff reports prepared for the Board, the Board has decided that in its opinion that:

- · there is no likelihood that the proposed development might have a significant adverse impact on the environment; and
- there is likelihood that the proposed development might be a cause of public concern.

Pursuant to section 125(1) of the *MVRMA*, the Board refers Land Use Permit MV2005C0006 submitted by Alberta Star Development Corp. to conduct Mineral Exploration at MacInnis Lake to the MVEIRB for Environmental Assessment based on public concern expressed by the Lutsel K'e Dene First Nation (LKDFN). The LKDFN expressed concern regarding potential impacts of the project to the environmental, cultural, spiritual and economic importance of the Nonacho Lake basin and the MacInnis Lake area. LKDFN stated that these areas are very important to their community as well as Deninu Kue First Nation for hunting, trapping, and fishing. Numerous sites of archaeological, historical and spiritual importance are located within the Nonacho Lake Basin. The LKDFN also expressed concern on uranium exploration occurring within their traditional territory.

As a result, the Board, having due regard to the facts and circumstances, the merits of the submissions made to it, and to the purpose, scope and intent of the *Mackenzie Valley Resource Management Act* and the Mackenzie Valley Land Use Regulations has decided that these Land Use Permit and Water License applications be referred to the Mackenzie Valley Environmental Impact Review Board for Environmental Assessment pursuant to subsection 125(1) of the *MVRMA*.

	PRELIMINARY SCREENING DECISION
×	Outside Local Government Boundaries
	The development proposal might have a significant adverse impact on the environment, refer it to the EIRB.
	Proceed with regulatory process and/or implementation.
	The development proposal might have public concern, refer it to the EIRB.
	Proceed with regulatory process and/or implementation.
	Wholly within Local Government Boundaries
· 🗆 ·	The development proposal is likely to have a significant adverse impact on air, water or renewable resources, refer it to the EIRB.
	Proceed with regulatory process and/or implementation.
	The development proposal might have public concern, refer it to the EIRB.
	Proceed with regulatory process and/or implementation.

Preliminary Sc	creening Organization	Signatures	
Mackenzie Vall	ey Land and Water Board	1 Have	Jens
April 30,	2005		



# Lutsel K'e Dene First Nation

Wildlife, Lands & Environment Department

P.O. Box 28 Luned Ke MT

XOE-JAG

Phone 867-370-397

Fact 867~370-3143

Pete Enzoe, Chair Wildlife, Lands & Environment Committee Lutsel K'e Dene First Nation

April 14, 2005

Tim Coupland, President Alberta Star Development Corp. Suite 200, 675 West Hastings St. Vancouver, BC V6B 1N2 Fax (604) 801-5499

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file

APR 1 5 2005

Application #<u>MV 2005 Coo</u>06

Copied To AP

Re: Application for Land Use Permit, Mineral Exploration – MacInnis Lake (MV2005C0006)

Your application for mineral exploration within the traditional territory of the Lutsel K'e Dene First Nation has been assessed by the Wildlife, Lands & Environment Committee. We hereby reject the issuance of this permit.

As you may or may not be aware, Lutsel K'e Dene First Nation is one of the Akaitcho Territory Treaty 8 First Nations. Akaitcho First Nations do not recognize the jurisdiction of the Mackenzie Valley Land & Water Board, and are involved in ongoing negotiations with the federal government to resolve outstanding Treaty land entitlement, self-government and Aboriginal rights issues. There is an Interim Measures Agreement (IMA) signed by Akaitcho First Nations and the federal and territorial governments in 2001. As well, there has been a Policy Directive from the federal Minister of Indian & Northern Development, Andy Mitchell, directing the MVLWB to work alongside Akaitcho First Nations to implement the provisions of the IMA.

As per the IMA, we have assessed the potential impacts of this project on environmental, cultural, spiritual, and economic factors. We have concluded that the potential negative impacts on culturally and ecologically important areas are too great to justify, no matter how short-term and low-impact the activities may be. We do not want to see any full-scale mining in this area, and therefore will not support even the initial stages of such activity.

The MacInnis Lake area and the Nonacho Lake basin has been historically and continues to be extremely important to our community and to the Deninu Kue First Nation. This is a vital traditional hunting, fishing and trapping area. There are also numerous sites of

8673703143

Monica Krieger you

historical, archaeological, and spiritual significance within the Nonacho Lake basin. We also have some serious concerns with the type of minerals you would be exploring for, namely uranium. We are intent on preventing any uranium mining within our traditional territory.

Please be advised that we intend to be vigilant in the defence of our Treaty rights, and are prepared to take immediate action to protect them if they are not respected.

If you have any questions, please feel free to contact myself or Monica Krieger (Manager; Wildlife, Lands & Environment Department) at 867-370-3197.

Sincerely,

Pete Enzoe

Adrian Paradis, Regulatory Officer, MVLWB Cc: Stephen Ellis, Akaitcho IMA Implementation Coordinator