



NIRB Application for Screening #125842

Access Trail Project Chesterfield Inlet

Application Type: New

Project Type: All-Weather Road / Access Trail

Application Date: 7/31/2023 7:33:54 PM

Period of operation: from 0001-01-01 to 0001-01-01

Proposed Authorization: from 0001-01-01 to 0001-01-01

Project Proponent: David Kattegatsiak
Hamlet - Chesterfield Inlet
P.O. Box 10
Chesterfield Inlet Nunavut X0C 0B0
Canada
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Non-technical project proposal description

French: N/A

Inuinnaqtun: N/A

Personnel on site: 10

Days on site: 40

Total Person days: 400

Operations Phase: from 2024-06-20 to 2034-06-20

Operations Phase: from 2024-06-20 to 2034-06-20

Post-Closure Phase: from to

Activities

Location	Activity Type	Land Status	Site history	Site archaeological or paleontological value	Proximity to the nearest communities and any protected areas
approximate road location	Access Road	Municipal	Chesterfield Inlet is a hamlet located on the western shore of Hudson Bay in the Kivalliq Region of Nunavut, Canada, at the mouth of Chesterfield Inlet. Chesterfield Inlet it is the oldest community in Nunavut.	An Archaeological Impact Assessment will be undertaken prior to construction of the Project	N/A

Community Involvement & Regional Benefits

Community	Name	Organization	Date Contacted
Information is not available			

Authorizations

Indicate the areas in which the project is located:

Kivalliq

Authorizations

Regulatory Authority	Authorization Description	Current Status	Date Issued / Applied	Expiry Date
Kivalliq Inuit Association	Should the selected Access Trail pass through Inuit Owned Land, a Right of Way approval will be required.	Not Yet Applied		
Nunavut Water Board	A Type B license will be required for construction of roads where culverts or water crossings over water bodies are required.	Not Yet Applied		
Other	Class 2 Archaeologist Permit from GN - Culture and Heritage to confirm construction will not impact any important archaeological features and, if required, an AIA will be undertaken prior to construction.	Not Yet Applied		
Government of Nunavut, Community and Government Services	A Land Use Permit will be required from GN-CGS if any of the selected Access Trail passes through Commissioners land.	Not Yet Applied		
Fisheries and Oceans Canada	A project Request for Review (RFR) will be submitted should the project involve water crossings, or if culverts are fish bearing, or if any project components occur in-water or near-water that have the ability to result in harmful alteration, disruption, or	Not Yet Applied		

	destruction to fish or fish habitat.			
Hamlets and Municipalities	Quarry permit	Not Yet Applied		

Project transportation types

Transportation Type	Proposed Use	Length of Use
Land	Project personnel will travel to construction areas via land.	

Project accomodation types

Community

Material Use

Equipment to be used (including drills, pumps, aircraft, vehicles, etc)

Equipment Type	Quantity	Size - Dimensions	Proposed Use
Loader	1	20.25ft H x 7.91ft.W	Access trail
Cat	1	14.95 ft. L x 7.65 ft. W	Access Trail
Dump Truck	1	21 ft. L x 8.5 ft. W	Access Trail

Detail Fuel and Hazardous Material Use

Detail fuel material use:	Fuel Type	Number of containers	Container Capacity	Total Amount	Units	Proposed Use
Diesel	fuel	1	1000000	1000000	Liters	Mobile equipment, generators and heaters
Gasoline	fuel	1	5000	5000	Liters	Proposed useMobile equipment, generators and heaters
Propane	fuel	5	20	100	Liters	heaters
Lubes and Oils	hazardous	10	5	50	Gallons	Maintenance of mobile equipment

Water Consumption

Daily amount (m3)	Proposed water retrieval methods	Proposed water retrieval location
0		

Waste

Waste Management

Project Activity	Type of Waste	Projected Amount Generated	Method of Disposal	Additional treatment procedures
Access Road	Combustible wastes	2 tons	Hamlet landfill	N/A
Access Road	Hazardous waste	2000 litres	Returned to the south in sealed drums or lined bags, transported in 20' shipping containers and disposed of according to regulatory procedures.	N/A
Access Road	Non-Combustible wastes	0.5 tons	Hamlet landfill	N/A
Access Road	Overburden (organic soil, waste material, tailings)	negligible	quarry	N/A

Environmental Impacts:

A description of the potential environmental impacts, as well as mitigation and monitoring measures, are presented in Sections 3 and 4 of the attached supplementary letter (LET-CHES-01-NIRB Application Letter-0001-23.R0). An Environmental Effects Table is also provided in Appendix A of the attached supplementary letter, outlining activity-specific environmental impacts.

Additional Information

SECTION A1: Project Info

Please refer to the attached supplementary letter (LET-CHES-01-NIRB Application Letter-0001-23.R3).

SECTION A2: Allweather Road

Please refer to the attached supplementary letter (LET-CHES-01-NIRB Application Letter-0001-23.R3).

SECTION A3: Winter Road

SECTION B1: Project Info

SECTION B2: Exploration Activity

SECTION B3: Geosciences

SECTION B4: Drilling

SECTION B5: Stripping

SECTION B6: Underground Activity

SECTION B7: Waste Rock

SECTION B8: Stockpiles

SECTION B9: Mine Development

SECTION B10: Geology

SECTION B11: Mine

SECTION B12: Mill

SECTION C1: Pits

Please refer to the attached supplementary letter (LET-CHES-01-NIRB Application Letter-0001-23.R3).

SECTION D1: Facility

SECTION D2: Facility Construction

SECTION D3: Facility Operation

SECTION D4: Vessel Use

SECTION E1: Offshore Survey

SECTION E2: Nearshore Survey

SECTION E3: Vessel Use

SECTION F1: Site Cleanup

SECTION G1: Well Authorization

SECTION G2: Onland Exploration

SECTION G3: Offshore Exploration

SECTION G4: Rig

SECTION H1: Vessel Use

SECTION H2: Disposal At Sea

SECTION I1: Municipal Development

Description of Existing Environment: Physical Environment

Description of Existing Environment: Biological Environment

Potential environmental impacts are described in Section 3 of the attached supplementary letter (LET-CHES-01-NIRB Application Letter-0001-23.R3).

Description of Existing Environment: Socio-economic Environment

Potential social impacts are described in Section 3 of the attached supplementary letter (LET-CHES-01-NIRB Application Letter-0001-23.R3).

Miscellaneous Project Information

Identification of Impacts and Proposed Mitigation Measures

Mitigation measures are described in Section 4.1 of the attached supplementary letter (LET-CHES-01-NIRB Application Letter-0001-23.R3).

Cumulative Effects

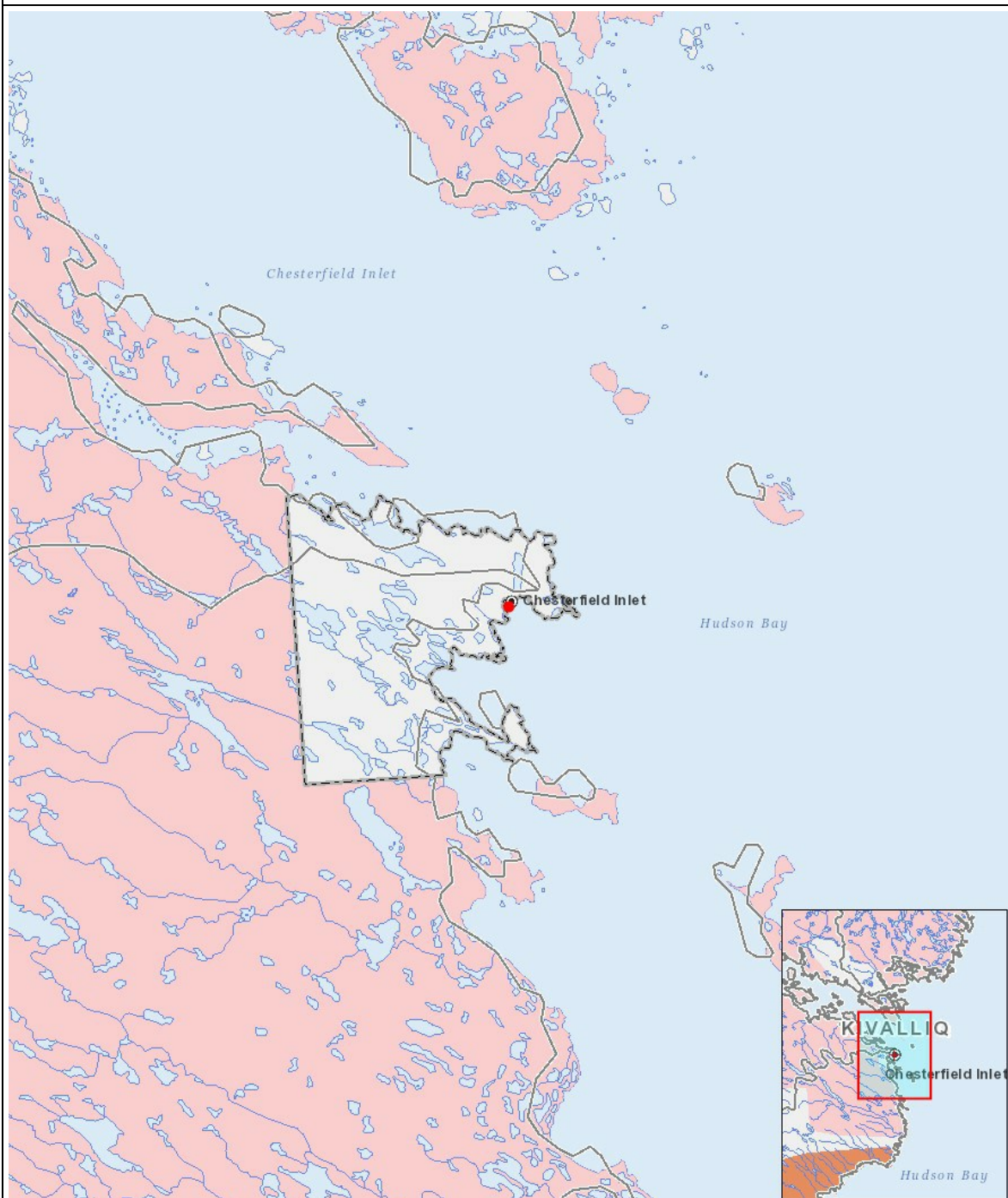
Impacts

Identification of Environmental Impacts

	PHYSICAL	Designated environmental areas	Ground stability	Permafrost	Hydrology / Limnology	Water quality	Climate conditions	Eskers and other unique or fragile landscapes	Surface and bedrock geology	Sediment and soil quality	Tidal processes and bathymetry	Air quality	Noise levels	BIOLOGICAL	Vegetation	Wildlife, including habitat and migration patterns	Birds, including habitat and migration patterns	Aquatic species, incl. habitat and migration/spawning	Wildlife protected areas	SOCIO-ECONOMIC	Archaeological and cultural historic sites	Employment	Community wellness	Community infrastructure	Human health
Construction																									
Access Road		-	M	M	-	-	-	-	-	-	-	M	M		M	M	M	M	M		M	P	M	M	M
Operation																									
Access Road		-	-	-	-	-	-	-	-	-	-	M	M		M	M	M	-	-		-	P	-	P	-
Decommissioning																									
-		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-

(P = Positive, N = Negative and non-mitigatable, M = Negative and mitigatable, U = Unknown)

Project Location



List of Project Geometries

1	point	approximate road location
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