



මෙත්ග ഏറ്റെ നിർബന്ധ ബോർഡ് രജിസ്ട്രേഷൻ നമ്പർ #125655

Shift-eDNA

സ്ഥലം: New

വിദഗ്ദ്ധിക്കൽ: Scientific Research

ഓപ്പറേഷൻ തീയതി: 2/4/2022 10:43:58 AM

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

ബോർഡ് വിവരങ്ങൾ: from 0001-01-01 to 0001-01-01

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Δασ-Δασ-Δασ-Δασ

ΔΓ	‘‘Δασ-Δασ-Δασ’’ Δασ-Δασ-Δασ	Ρεδ μα-δσ	Δασ-Δασ-Δασ Δασ-Δασ-Δασ	Δασ-Δασ-Δασ Δασ-Δασ-Δασ	‘‘Δασ-Δασ-Δασ’’ Δασ-Δασ-Δασ
Sample 1 - Lady Ann Strait	Scientific/International Polar Year Research	Marine	N/A	N/A	Grise Fiord
Sample 2 - Sirmilik	Scientific/International Polar Year Research	Marine	N/A	N/A	Sirmilik National Park Pond Inlet
Sample 3 - Paterson Inlet	Scientific/International Polar Year Research	Marine	N/A	N/A	Pond Inlet
Sample 4 - Isabella Bay	Scientific/International Polar Year Research	Marine	N/A	N/A	Clyde River
Sample 5 - Home Bay	Scientific/International Polar Year Research	Marine	N/A	N/A	Qikiktarjuaq
Sample 6 - Exeter Bay	Scientific/International Polar Year Research	Marine	N/A	N/A	Qikiktarjuaq
Sample 7 - Hoare Bay	Scientific/International Polar Year Research	Marine	N/A	N/A	Pangnirtung
Sample 8 - Outer Cumberland Sound	Scientific/International Polar Year Research	Marine	N/A	N/A	Pangnirtung
Sample 9 - Cyrus Field	Scientific/International Polar Year Research	Marine	N/A	N/A	Iqaluit
Sample 10 - Hudson Strait	Scientific/International Polar Year Research	Marine	N/A	N/A	Iqaluit
Sample 11 - Hospital Bay	Scientific/International Polar Year Research	Marine	N/A	N/A	Grise Fiord
Sample 12 - Sverdrup Channel	Scientific/International Polar Year Research	Marine	N/A	N/A	Grise Fiord
Sample 13 - Aurland Fiord	Scientific/International Polar Year Research	Marine	N/A	N/A	Grise Fiord
Sample 14 - Henson Bay	Scientific/International Polar Year Research	Marine	N/A	N/A	Grise Fiord
Sample 15 - Yelverton Bay	Scientific/International Polar Year Research	Marine	N/A	N/A	Grise Fiord
Sample 16 - Ayles Fiord	Scientific/International Polar Year Research	Marine	N/A	N/A	Grise Fiord / Quttinirpaaq National Park

መሙና ደረሰኑ በርሃንት መሙና ስልጣን ማረጋገጫ

መሙና	አባር	ቤትና የዕስ በርሃንት	የፌዴራል በርሃንት
Clyde River	Joshua	Nangmautaq HTA	2022-01-19
Γርብር	Jennifer	Mittimalik HTO	2022-01-19
አማሩቅ	amaruq@baffinhto.ca	Amaruq Hunters & Trappers Association	2022-01-19
ልዊ	gfiviq_hta@qiniq.com	Iviq Hunters & Trappers Association	2022-01-19
የልዋንትንግ	pang@baffinhto.ca	Pangnirtung Hunters & Trappers Organization	2022-01-19
ናት්ታක	nattivak_hta@qiniq.com	Nattivak Hunters & Trappers Association	2022-01-19

ᓇᑦӃ ላይ ሰጠስ ፍቃድረኗ

ፖ.ግ.፲፴፴፻፷፭ ላይ ሰጠስ ፍቃድረኗ በበኩል:

North Baffin

South Baffin

ᓇᑦӃ ላይ ሰጠስ ፍቃድረኗ

ጀመንት	ጀመንት የሚከተሉት ነው	ወጪ	የአገልግሎት	የሚመለከት ደንብ
ዘመናዊ አገልግሎት አገልግሎት አገልግሎት አገልግሎት አገልግሎት አገልግሎት አገልግሎት	የሚከተሉት የሚከተሉት ነው አገልግሎት አገልግሎት አገልግሎት አገልግሎት አገልግሎት አገልግሎት			
Hunters and Trappers Associations/Organizations	I have contacted all concerned HTAs/HTOs and asked to consult with them. For now, I have received an answer from the Nangmautaq HTA, who said the board would review the project.	Applied, Decision Pending	2022-01-19	
በአርቶ ምክንያት ሁኔታ	I have contacted both Transport Canada and Global Affairs, I am still waiting to see if I need a licence.	Not Yet Applied	2022-01-21	
በአርቶ ምክንያት ክፍል-ዚ	I have contacted the Department of Fisheries and Oceans, who indicated we did not need a licence because we only filter seawater, we do not sample fish or fish parts.	Not Yet Applied	2022-01-05	

Project transportation types

Transportation Type	የአገልግሎት ደንብ	Length of Use
Water	We will use a boat to go from Grise Fiord to Saint Pierre & Miquelon	

Project accomodation types

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ለጀር ልቃቃው ዓገሪቱ ስዕስት አገልግሎት ሰነድ ማስተካከል በኋላ የሚከተሉ ነው ይህንን ስዕስት አገልግሎት ሰነድ ማስተካከል ይችላል

| የመሆኑ ሌላ ላይ
አገልግሎት ሰነድ |
|--------------------------|--------------------------|--------------------------|--|
| Sailing Boat | 1 | 15.3x4.2m | The sailing boat will be used to transport our team from Grise Fiord to the southern parts of Nunavut. |
| Athena Peristaltic Pump | 2 | 22x33x17 cm | The peristaltic pump is a pump used to filter DNA in surface waters, without any contamination. |

በበኩረም ስራው ሰነድ ዓገሪቱ ስዕስት አገልግሎት ሰነድ

የመሆኑ ሻው ስራው ሰነድ አገልግሎት ሰነድ	የመሆኑ ሻው ስራው ሰነድ አገልግሎት ሰነድ	የመሆኑ ሻው ስራው ሰነድ አገልግሎት ሰነድ	የመሆኑ ሻው ስራው ሰነድ አገልግሎት ሰነድ	የመሆኑ ሻው ስራው ሰነድ አገልግሎት ሰነድ	የመሆኑ ሻው ስራው ሰነድ አገልግሎት ሰነድ	የመሆኑ ሻው ስራው ሰነድ አገልግሎት ሰነድ
Gasoline	fuel	1	4500	4500	Liters	In case of headwinds that would not let us sail

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የመሆኑ ሻው ስራው ሰነድ አገልግሎት ሰነድ	የመሆኑ ሻው ስራው ሰነድ አገልግሎት ሰነድ	የመሆኑ ሻው ስራው ሰነድ አገልግሎት ሰነድ
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Waste disposal	፩፻፻፻-፻-፻	4 people / 1 month	Can be disposed either in the water or burned on land	-

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Our protocol only requires to filter seawater, and thus produce no environmental impacts

Additional Information

SECTION A1: Project Info

SECTION A2: Allweather Road

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

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

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Ł°a 44014c 'b'mΔc) cn>Dσ~ł: ɿLk'6C'6σ~ł

Ł°a 44014c 'b'mΔc) cn>Dσ~ł: Δmnσ'j~łk'c-Ak'c-4knσ'j~łk'c

Miscellaneous Project Information

a>aΔ'6C'Dσ~łc 4bC'6C'DrLk'c 'b'mΔc)jσ~łc <_DΓ'k'r'6C'Dσ'4'σ~łc

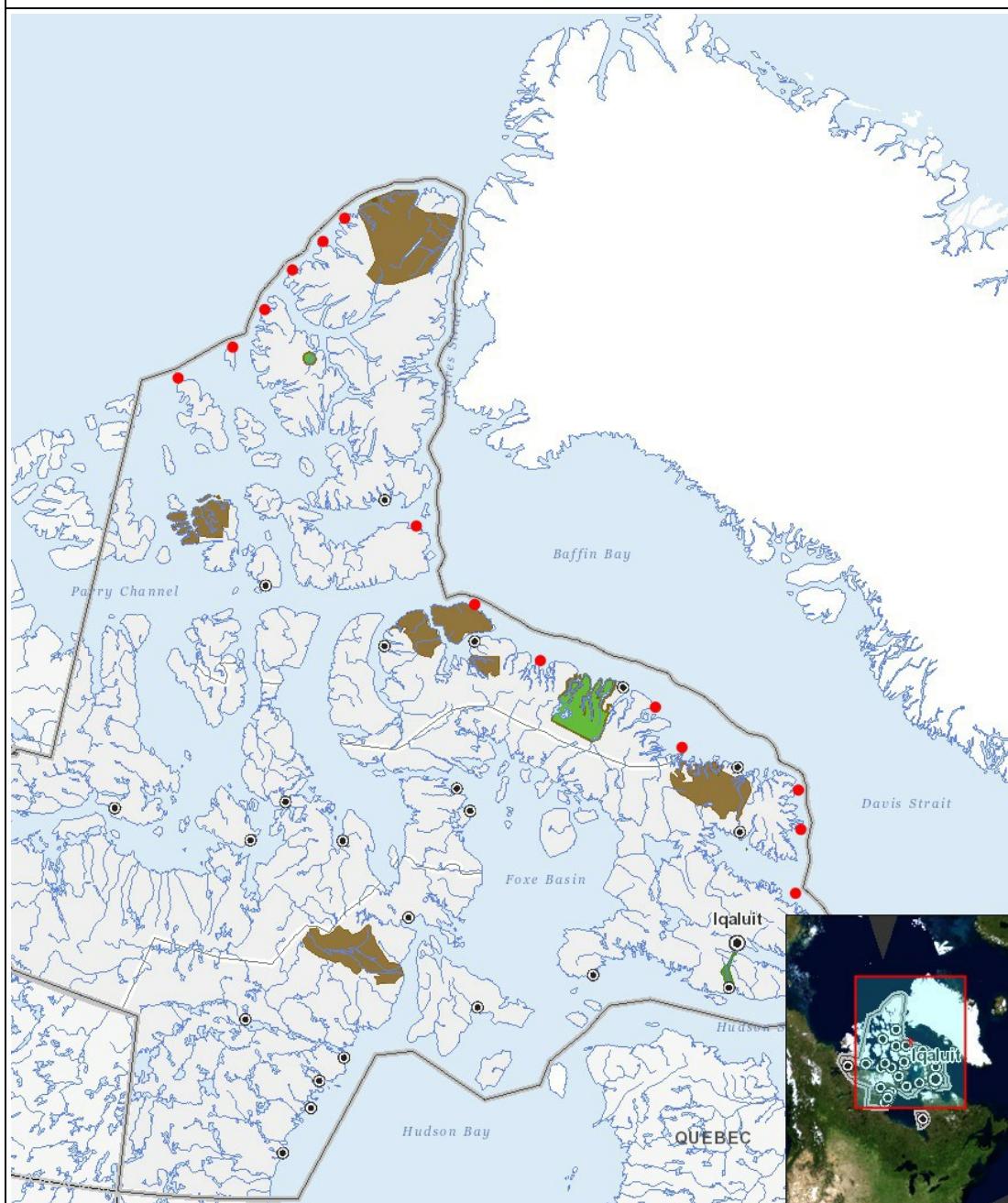
Cumulative Effects

Impacts

የዕድል ስራው በኋላ እንደሚከተሉ የዕድል ስራው የሚከተሉ ስምምነት ተረጋግጧል

PHYSICAL		ENVIRONMENTAL IMPACTS													SOCIO-ECONOMIC																		
		BIOLOGICAL													SOCIO-ECONOMIC																		
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	-	Vegetation	-	Wildlife, including habitat and migration patterns	-	Birds, including habitat and migration patterns	-	Aquatic species, incl. habitat and migration/spawning	-	Wildlife protected areas	-
Archaeological and cultural historic sites	-	Employment	- <th>Community wellness</th> <td>-<th>Community infrastructure</th><td>-</td><th>Human health</th><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td>	Community wellness	- <th>Community infrastructure</th> <td>-</td> <th>Human health</th> <td>-</td> <td></td>	Community infrastructure	-	Human health	-																								
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ሸፍጥና	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
ሸፍጥና	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

(P = የዕድል ስራው የሚከተሉ ስምምነት, N = የዕድል ስራው የሚከተሉ ስምምነት < የዕድል ስራው የሚከተሉ ስምምነት>, M = የዕድል ስራው የሚከተሉ ስምምነት < የዕድል ስራው የሚከተሉ ስምምነት>, U = የዕድል ስራው የሚከተሉ ስምምነት)



List of Project Geometries

1	point	Sample 1 - Lady Ann Strait
2	point	Sample 2 - Sirmilik
3	point	Sample 3 - Paterson Inlet
4	point	Sample 4 - Isabella Bay
5	point	Sample 5 - Home Bay
6	point	Sample 6 - Exeter Bay
7	point	Sample 7 - Hoare Bay
8	point	Sample 8 - Outer Cumberland Sound
9	point	Sample 9 - Cyrus Field
10	point	Sample 10 - Hudson Strait
11	point	Sample 11 - Hospital Bay
12	point	Sample 12 - Sverdrup Channel
13	point	Sample 13 - Aurland Fiord

14	point	Sample 14 - Henson Bay
15	point	Sample 15 - Yelverton Bay
16	point	Sample 16 - Ayles Fiord