



NIRB Uuktuutinga Ihivriughikhamut #125874

CD-Wastewater Treatment Plant

Uuktuutinga Qanurittuq:	New
Havaap Qanurittunia:	Imaktiggut
Uuktuutinga Ublua:	1/25/2024 1:05:18 PM
Period of operation:	from 2028-01-01 to 2045-12-31
Havauhikhaq Ikayuqtinga:	Community Support Division Government of Nunavut p.o. box 700 station 1000 Iqaluit Nunavut x0a0h0 Canada Hivayautit Nampanga:: 867-975-5478, Kayumiktukkut Nampanga::

[illegible]

Inuinnaqtun: Nunavut Kavamangani Nunalingni Kavamatkunnilu Pivikhaqautikkut Havagvia, pidjutigiplugu Haamlanga Kinngait, (Cape Dorset), uuktuliqtuq ihuaqhariami imakkut laisinga 3BM-CAP1925 uvani Haamlangani Kinngait hivumuujaami uumunga nappaqtirnirmun ingilrutiaqqtukkut halumaittunik-imarnik halummaqtirutikkut havagvingmik (WWTP)Ilauningani pittaataarutikhaanun qaujiharnirmi, qaffit iniit uumunga halumaittunik-imarnik halummaqtirutikkut havagvikhamun ihumagijaujun naunaijaqtaujullu. Pitqujahimajuq una WWTP talvungaqluni uataanun talvaniittumin havigalingni qiuknilu atuqtauffaaqtaqtunin ininganin, haniraliingniani tahamaniittumi kuviraqvianin talvani amirarnakhikpat halumaittunun-imarqarvingmi.Nutaaq WWTP piliuqtauniaqtuq tunijaami ihuaqtunik halummaqtirutinik tamainni akhaluutinin-anaqtautinin anakuinnik nunallaamin uvunga 20nik-ukiuqaqtumik pidjutimi (2025min 2045mun) himauhiqlugu tahamaniittuq halumaittuq-imaik halumaittunun-imaqarvingmun pidjutaanun (3nik-qaliriilik imaqarvik, amigarnaqhikpat imaqarvik, unalu P-Lake tahiq). Itqurniaqhijajuq ubluq tamaat kuviniit halumaittunik-imarnik una 184 m^3 talvuuna 2025 tunnganiani inugiangnirni naunaijarnirni uvanilu tamainni inungni halumaittuni-imarni piliurutainnik kihitiinni.Niriuktaujuun anakiunnik qanurinniit avatqunniqaqtait tadjat atuqtuq imakkut laisingani maliktakhat. Tunnganiqarningani uumani WWTPkut ingilrutainni, anakiunnik qanurinniit niriuktaujuq piqarluni hapkuninga qanuridjutinik: BOD5: 25 mg/L; TSS: 25 mg; un-ionized ammonia: 1.25 mg/L; faecal coliform (ananin qupilruit): 200 CFU/100 mL; pH: 6.0 – 9.0; uqhuqujat uqhuillu: takunnaittuq qiplaringnirnik. Halumaittun imait kuviraqtauttaaqatun uvuunga uunnakhimajumin tuqhuamin uumanga WWTP talvunga tahamaniittumun amirarnakhikpat halumaittunun-imarqarvingmi kuvirarvianun uvani Foxe Channel-mi (CAP-5).Naunaijarutit itqurniaqhijajun 25.6 tonnes uvani paniumajuni naptujuni marlungmi piliuqtaaqtuq WWTPmin 2025mi imaalu 88.4 tonnes uvani paniumajumi naptujuni marlungni 2045kut. Uvani marlungni munaridjutikhakkut uplaungaidjutikhaq piliuqtauhimaliqtuq, upalungaiaqhijajuq malrungnik agjaqtauniaqtuq najuqvikhaani talvaniittumi iqqakuurvingmi talavani marliut imaijaqtauniaqtuq ukunani inngaqtaaqtunik (geomembrane) puukattani.Tamaita aallat hivuagun tunuqhimajun illittuirpkaidjutit uumunga imakkut laisigamun huli aajjikkiiktut.

Post-Closure Phase: from to

Hulilukaarutit

Inigiya	Hulilukaarut Qanurittuq	Nunannga Qanurittaakhaanik	Initurlinga qanuritpa	Initurlinga utuqqarnitat unaluuniit Ingilraaqnitat Uyarannguqtut akhuurninnga	Qanitqiyauyuq qanitqiamut nunallaat kitulluuniit ahiruqtailiyainnit nuna
New Mechanical Wastewater Treatment Plant	Municipal and Industrial Development	Municipal	Current municipal waste site.	None.	Apart of the municipality.

Nunaliin Ilauyun, Aviktuqhimayuniitunullu Ikayuuhiarunguyun

Nunauyuq	Atia	Timiuyuq	Upluani Uqaqatigiyaungmata
Kinngait	Louis Primeau	Hamlet of Kinngait	2024-09-10

Angiuttauvaktunik

Naunaiqlugu nunanga talvani havauhikhaq ittuq:

Angiuttauvaktunik

Munariniqmut Ayuittiaqtuq	Angirutinga Qanurittuq	Tadja Qanurittaakhaanik	Ublua Tuniyauyuq/Uuktuqtuq	Umikvikhaa Ublua
Nunavut Imaligiyyit Katimayit	3BM-CAP1925 Water Licence	Active	2019-05-22	2025-05-21
Alaanut	Municipality of Cape Dorset Motion Number 153-2017 Approval of mechanical wastewater treatment plant	Active	2017-10-30	
Alaanut	Municipality of Cape Dorset Motion Number 154-2017 Approval of approve across the emergency lagoon for the wastewater treatment plant	Active	2017-10-30	

Project transportation types

Transportation Type	Qanuq Atuqtauniarmangaa	Length of Use
Air	Construction phase personnel to fly in/out by air.	
Land	Operations phase personnel (2 people) will be from the local community.	

Project accomodation types

Temporary Camp

Nunauyuq

Ihuaqutivaluin Atuqtauyukhan

Hanalrutit atuqtaunahuat (ukuallu ikuutat, pampiutainnik, tingmitinik, akhaluutinik, hunaluuniit)

Hanalrutit Qanurittuq	Qaffiuyut	Aktikkulaanga – Qanurittullu	Qanuq Atuqtauniarmangaa
LAND RESCAPING HEAVY CONSTRUCTION MACHINERY	10	xyz	all heavy earth moving construction machinery used in constructing permanent structures.
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Qanurittuq Urhuqyuaq unalu Qayangnaqtut Hunavaluit Aturninnga

Qanurittuq urhuqyuaq hunavaluit aturninnga:	Urhuqyuaq Qanurittuq	Qaffiuyut qattaryut	Qattaryuk Aktikkulaanga	Atauttimut Qaffiuyut	Ilanga	Qanuq Atuqtauniarmangaa
Diesel	fuel	1	10000	10000	Liters	DPD diesel fuel supply will be used for refueling purposes of dozers', excavators, compactors, trucks, concrete mixers and portable power supply generators

Imaqmik Aturninnga

Ubluq qanuraaluk (m3)	Aturumayain imavaluin utiqittagaani qanuq	Atulirumayain imavaluin utiqittagani humi
299	The wastewater treatment plant will receive wastewater trucked from sewage holding tanks in the community.	A septage receiving station is apart of the wastewater treatment plant design for receiving all trucked sewage deliveries.

Iqqakuq

Ikkakunik Munakgiyauyunik

Havauhikhaq Hulilukaarut	Qanurittuq Iqqakut	Ihumagiyauyuq Qanuraaluktut Atuqtait	Qanuq Iqqakuurniarmangaa	Halummaqtirarnirutikhan piyutin
Waste disposal	Anaagun (inuin anaaguin)	25.6 tonnes	Sludge to be disposed at existing landfill	Dewatering sludge in geomembrane bags

Avatiliriniqmut Ayurhautingit:

Use of insulating materials around the foundation to prevent heat transfer from the building into the permafrost.

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

Qanurittuq Ittunik Avatinga: Avatingalluanga

Qanurittuq Ittunik Avatinga: Inuuhimayunut Avatinga

Qanurittuq Ittunik Avatinga: Inungit-maniliurutingit Avatinga

Miscellaneous Project Information

Naunaiyainiq ukuninnga Ayurhautingit unalu Piumayaat Ikikliyuumiutinahuarutit

Tamatkiumayunik Ihuikgutivaktunik

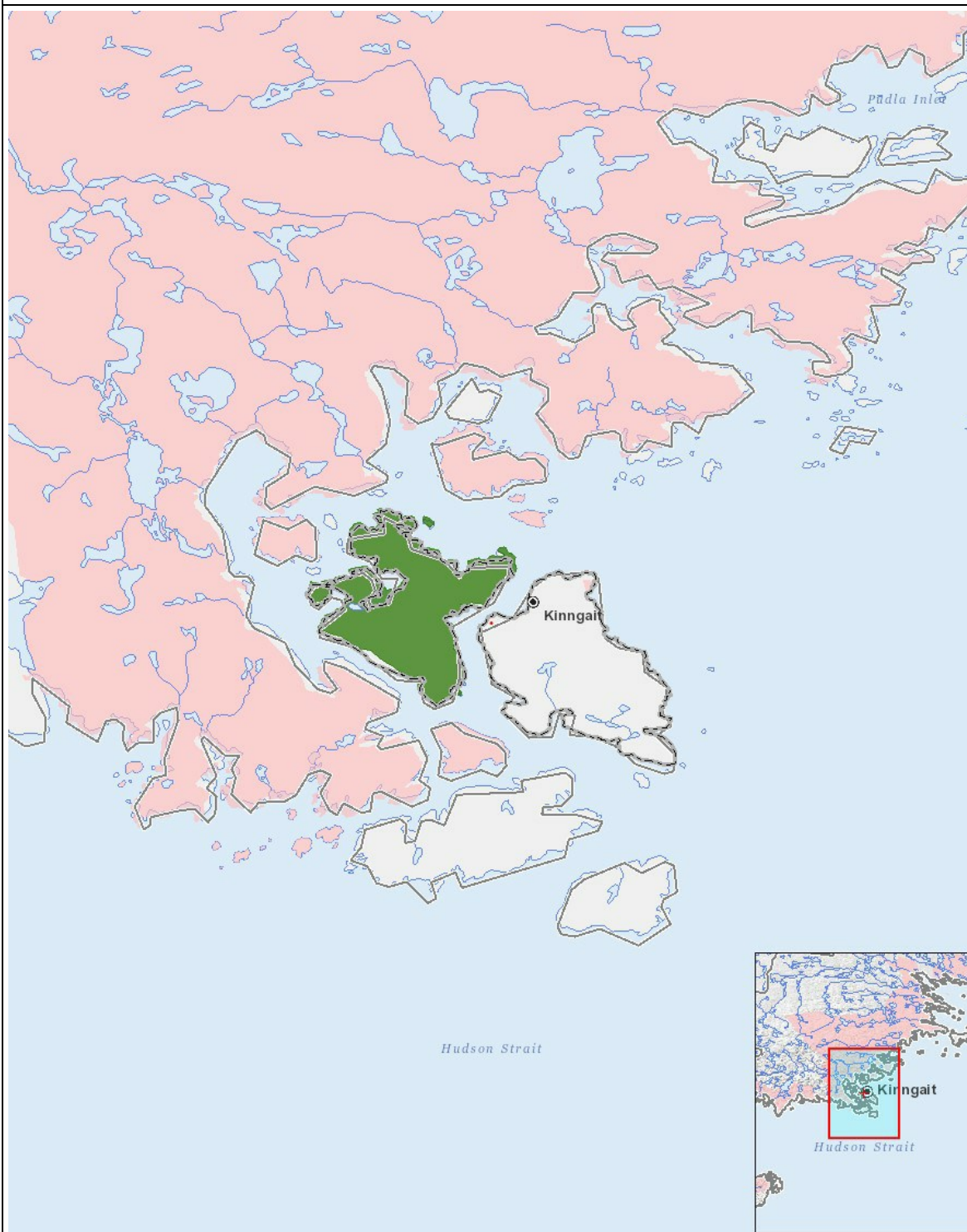
Impacts

Ilitariyauniq Avatiliriniqmut Ayurhautingit

		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
Havakvinga																										
Municipal and Industrial Development		P	P	M	-	P	P	P	P	P	P	P	P	P		P	P	P	P	P		P	P	U	P	P
Aulapkaininnga																										
Municipal and Industrial Development		P	P	M	-	P	P	P	P	P	P	P	P	P		P	P	P	P	P		P	P	U	P	P
Piiqtauniq																										
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(P = Nakuuyuq, N = Nakuungittut unalu mikhilimaittuq, M = Nakuungittut unalu mikhittaaqtuq, U = Naluyauyuq)

Havaariyauyukhamut Nayugaa



List of Project Geometries

1	polygon	New Mechanical Wastewater Treatment Plant
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