

P.O. Box 119 GJUA HAVEN, NT XOE 1JO

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SCREENING FORM

1. GENERAL FILE INFORMATION ON SCREENING

NWB Licence Number:	NWBSIGL		
Project Title:	MuNiCiPAC i	· -	PPLICATION
	(Time of p)	ojeci)	
Proponent:	HAMLET	IGLOOUK	SAOTH BOYCHUK
	(Company / A	pplicant)	HAMET FOREMAN DAVID
Proponent Address:	P.O.BOX.	3c	(934-8830 Fx 934-8
·	iecocir	NT	XOA OLO
	(Full Add	ress)	
Contractor: N/A	ı		
	pany / persons doing the work,	if different from the	proponent)
Date Application Received		1997-08:	j =-
- mo r-ppom recoon, oc	···	(Year-Month-Day	·
Date Application Accepted	:	1997-08	- 25
		(Year-Month-Day	· · · · · · · · · · · · · · · · · · ·
Proposed Starting Date of A	Activity:	NIA	
		(Year-Month-Day	<i>i</i>)
Date Application Referred	for Comments:	1997-0	8-25 (1997-10-29)
••		(Year-Month-Day	
Deadline for Comments: _		1997 - 09	-30 (community)
		(Year-Month-Day	
Date / Location Application	1 Advertised:	L RADIO	1997-10-29
••			(Year-Month-Day)
		N/A	
		(Location)	(Year-Month-Day)
		NIA	
		(Location)	(Year-Month-Day)

NORTHERM, CO-CP, HAMLET Date / Location Application Posted: HEALTH CTR. GNWT CFFICE (Location) (Year-Month-Day) (Location) (Year-Month-Day) (Location) (Year-Month-Day) NWB Approval: (Article 13.7.1) Public Hearing Required: Yes ______ No _____ (Year-Month-Day) Project Canceled: Yes _____ (Year-Month-Day) Reason _____ Comments: NOT FULL HEARING ACTUALLY COMMUNITY CONSULTATION W BUARD MEMBERS FROM BAFFIN, EXECUTUR DIRECTOR + STAFF. 2. **AUTHORIZING AGENCIES** Authorizing Agency(ies): NTI, Regional Inuit Association, NIRB, NWMB, DIAND, DFO, DOE, RWED, Other _____ (Circle one or more) Inuit Owned ____ Crown ___ Commissioner's __ Marine Area ____ Land: Type of Approval being sought: (new, renewal, amendment, cancellation) Other required approvals, permits or licences: N/A

(water Licence, land use permit, quarry permit, lease)

Present Authorizations (active / expiry date): N/A
(File Number)
Project File Location: NWB GTOA HAVEN, LICENCE ADMINISTRATOR 867-360-633
(Office where project file is located, contact person and number)
3. PROJECT LOCATION
Kivalliq Kitikmeot Baffin
Land Use Planning Region:
Geographic Place Name: HAMLET 16000K (nearest place name or geographic feature)
Local Name: IGUILIK AUSC B (traditional name for location)
· · · · · · · · · · · · · · · · · · ·
National Topographic Sheet (NTS) Number: Scale:
Latitude / Longitude: <u>69°23'N 81°48'W</u>
Drainage Region and Watershed: Scattle Lake + Alpoine whe
Nearest Settlement: 162000K
Adjacent Settlement / Out-post camps: N/A
Surrounding Land Status: OUTSIDE MUNICIPAL EXLUDING - CROWN LAND
Special Designation: No
(e.g. heritage river, protected area, etc)
Does the project have Nunavut Transboundary implications?: NO
If yes, what additional procedures/contacts are needed?: \(\mathred{\sigma} / \textsq

4. PROJECT DESCRIPTION AND ASSESSMENT

Physical Work, Activity: MUNICIPAL WATER USE, WASTE DISPOSAL, OTHER FACILITIES) (Construction, camp, fuel cache, quarrying, harvesting, water works, installation, operation, maintenance, scientific research)
Multiple Activities: Yes No
Project Category Code: Point Multiple Points Linear Area (circle those that apply)
Phase of Project: (exploration, bulk sampling, development, operations, decommissioning, abandonment and restoration, municipal)
Project Description Summary: (duration of project, size of project, number of personnel on site, related physical activities, machinery used, fuels and chemical suse and storage, amount and source of resources needed eg. gravel) (AIRPORT LARE) WATER SUPPLY: THE RESERVICIA (CAPACITI 2 76, 265 m ³) IS FLUED IN FRONTY (ALLOWS)
BY DUMPING WATER @ 2 8 Tm3 /day FROM THE PRIMARY SOURSE SOUTH LAKE TO
RESERVOR LOCATED NETAR THE PHRICKT. ALTERNATE SOURCE: EAST LAKE, RESERVOIR
TO BE EXPANDED IN 1998 BY 7, 700 CO.M BY PRIMIC WORKS. TREATMENT FACILITY EARREITY OF 2 440 L/MIN. INCINE CHURINATOR & FILLSTN. BATCH FLUIRIBATUM DURING ANNUAL FILLING: SEWAGE: CURRENCY RAW SCICAGE DISPOSAL INTO 2 CCCL LACOON WITH CAPACITY OF
PPROX. 31, 320 m3 LALDON DEPTHE 3m; FREEBOARD IM. RETENTION TIME 240 days
EXPASION PROPOSED TO ACCOMMODATE POPULATION INFLUX IN 1999 FITHER BY
DOING A THIRD CELL OR BY ENLARGING ONE OF BOTH OF THE EXISTING CELLS.
DNEY BAG PIT COMETRES WORTH OF SEWACE LAGOON
WASIT DISPOSACE SOUD WASTE DISPOSAL SITE & O.SKM NORTH OF HAMKET
CAPACITY + WIFE EXPECTANCY UNKNOWN. FACILITY CURRENTY UNFENCED.
DETER AN IMAL PIT SOUTH OF SOUR WASTE SITE, COVERED W/ GRADIUM R MATERIAL
AS REGUIRED
BUCKY WASTES SCRIED, SITE LOCATED BETWEEN SECURE CALCONTSOLIO WASTE FAR HAZARDOUS MATERIAL UNSELRELATED. Alternatives Considered:

<u>.</u>	
WEGG	
CE33	
	 .
<u> </u>	
Yes	. No
Yes	No
Yes	No
cient.	
	Yes

6. DESCRIPTION OF THE ENVIRONMENT

LLANDS BOUNDED ON THE NURTH BY FURY
ON THE SOUTH FROM THE MAINLAND BY HOOFER
OVERED WITH MUSKEG AND FOND, W. TH THE
SAND AND GRAVEL, AND AREITE MEADOWS
MULLEFALL JULY MEAN HICH 7.8°C LOW 3.8°C
2.8°C. WINDS NORTH @ 21 Kmih
UP COURER.
vironment:
PROX POPULATION ESTIMATE OF 1174 WITH
FANSTRUCTURE PROGRAM . + MACA CAPUTTU PLAN
? + SEWACE LAGOUN.
s
1997-08-25 (COMMUNITY) (Year-Month-Day)

Distribution Lkt	Contact Person	Date Comments Received
NUNAVUE		
U NTI		
☐ Kitikmeot IA		
☐ Kivalliq IA		
☐ Qikiktani IA		
□ NPC		
□ NIRB		
☐ NWMB		
☑ RWO/HTO	SECRETARY MANAGER (819)934-8807	MIKA QALTACIK SEPTEMBER ZE, 1997
☐ Inuit heritage trust		
☐ RLO		
Community Hamlet: HTO:		
Community Hamlet:		
CLARC:		
☐ Other:		
FEDERAL	Control of the second s	
☑ DIAND Water Resources	SHANNUN PAGGITU (403) 669-2558	OCTOBER 7, 1997
☐ DIAND Land Admin.		
DFO: IGALLIF	(819)979 - 6274	
□ ∕ DOE	(403) 920-6050	STEVE HARBICHT OCTOBER 20, 1997
☐ Other: DOT, DND, Health:		
G)AWY		
OF RWED - GP5	40319ZO-3118	OCTUBER 9,1997
☐ MACA		
☐ Public Works		

a	Environmental Health			
۵	Other:		 	
11	ANSBOUNDARY PARTIES			
0	HER PARTES	And the second s		

8. IDENTIFICATION OF PROJECT ACTIVITIES AND ENVIRONMENTAL EFFECTS (identify all activities of the project under screening and their potential adverse environmental effects)

Project Activities (Check all the items appropriate to this project)	Project Effects (Check all the items appropriate to this project)
□ access road □Construction	1.
□Abandonment/removal □Modification	2. impacts on:
automobile, aircraft or vessel movement	☐ Men ☐ Children
☐ blasting	☐ Elders
☑ burning	3. impact to traditional use or traditional
☑ burying	use area
☐ channeling	4. impact on outfitters
□ construction	5. Impact on recreational use
□Building □Shed/warehouse	6.
☐Landing strip	7. Impact on community health
□ cut and fill	8. impact in community economics
☐ removal of vegetation	9. Impact in community housing or
dams and impoundments	infrastructure
□Construction □Abandonment/removal	10. impact to industry
□Modification	11.

ď	ditch construction		I impact to archaeological or cultural	
٥	drainage alteration		landmarks.	
ū	drilling other than geoscientific	13.	impact on beauty of the landscape	
	ecological surveys	14.	other, explain	
	excavation			
ت	explosive storage	15.	deposit into surface or groundwater	
u	fuel storage	16.	deposit to marine environment	
⊌	garbage Disposal of hazardous waste Disposal of sewage or greywater Disposal of solid waste	17.	☐ change in surface or groundwater flow	
-		18.	☐ change in water temperature	
	geoscientific sampling	19.	Change in drainage pattern	
	☐Trenching ☐Diamond drill ☐Borehole core sampling ☐Bulk soil sampling	20.	change in water quality	
		21.	change in air quality	
		22.	☐ change in air flow	
٥	quarry	23.	☐ micro-climatic change	
۵	hydrological testing	24.	ice fog	
۵	river/stream/lake crossing/bridging	25.	□ change in ambient noise level	
	site restoration □Fertilization □Grubbing □Planting/seeding □Scarification □Spraying □Recontouring	26.	deposit onto ground surface	
		27.	change in slope stability	
		28.	☐ change in soil structure	
		29.	alteration of permafrost regime	
	Circontouring	30.	destabilization/erosion	
	soil testing	31.	☐ soil compaction	
ā	topsoil, overburden or soil □Fill □Disposal	32.	change in access to renewable resources.	
	☐Removal ☐Storage	33.	depletion of non-renewable resources	
0	tunneling/underground	34.	removal or rare/endangered plants	
	other, explain:	35.	introduction of species	

possibility for accident or malfunction.	36. □ toxin/heavy metal accumulation
Describe:	37. aremoval or rare/endangered wildlife
	38. □ change in wildlife health
	39. □ impact to large mammals
	40. ☐ impact to small mammals
	41. Wimpact to fish
effects of environment on project (eg. Flooding). Describe:	42. impact to birds
	43. □ impact to other wildlife
	44. impact to calving, nesting, staging or spawning area
	45. Change in wildlife habitat
	46. □ other, explain:

Describe biophysical and socio-economic and cultural effects identified from checklist.

A Commence of the Commence of	
Environmental Effect #	Description ————————————————————————————————————
5,41,20	DISCHARGE FROM SEWAGE LAGOON + EFLUENT FROM
	SOUDWASTE FACILITY
.7	IMPACT FROM LACK SECRECATION HOZZEROUS WASTE
	AT SOLD LASTE FACILITY ENSURE PROPER OPERATION
	OF SITE (WATER SUPPLY) TO MAINTAIN TREATMENT WAE
	AND FLOURIDATION TREATMENT.
4	CONSTRUCTION OR EXPASION OF RESERVOIR +
	SELLIAGE LAGEONS.

9. CUMULATIVE EFFECTS: IDENTIFICATION OF OTHER RESOURCES USED

IN THE AREA (Identify past, current and future(pending application) physical works and activities in the area (for the proponent, other proponents and nearby communities) and their potential adverse environmental effects.)

Project Act (Check all 4	ivities se items appropriate to this project)	Project Effects (Check all the items appropriate to this project)		
ΩМ	harvesting Omarine mammals OLand mammals	1.	impacts to hunting/trapping	g/fishing
OF OB OSI OPI OB	ur bearers irds hellfish lants erries	2.	impacts on: Women Men Childt Elder	-
1 13	□Fish	3.	impact to traditional use or use area	traditional
☐ mining		4.	impact on outfitters	
□o	□Exploration □Open pits □Underground □Off-shore	5.	impact on recreational use	
		6.	impact on family structure	
mineral	processing	7.	impact on community heal	th
☐ industry	type:	8.	impact in community econ	omics
	arving stone ggregate	9.	impact in community hous infrastructure	ing or
☐ transportation/communications ☐Airport/landing strip		10.	impact to industry	"
□R	☐Airport/landing strip ☐Roads/access routes ☐Shipping ☐Channels/canal ☐Telephone line, satellite dishes, cables ☐Beacons	11.	change in regional transpor	rtation
□C □Te		12.	impact to archaeological or landmarks.	r cultural
⊔B:		13.	impact on beauty of the lar	ndscape
u waste di	isposal (solid, liquid or gas?)	14.	other, explain	
		15.	deposit into surface or grou	ındwater
Он	energy project □Hydro		deposit to marine environm	nent
	☐Pipeline ☐Transmission line	17.	change in surface or ground	dwater flow

	other water licenses, permits, leases	18.	☐ change in water temperature
	lands □Inuit owned □Isurface rights □Isub-surface rights	19.	☐ change in drainage pattern
		20.	☐ change in water quality
		21.	□ change in air quality
		22.	□ change in air flow
	other private lands held under tenure	23.	micro-climatic change
ø	heritage sites or archaeological sites	24.	☐ ice fog
а	recreation (eg. Cabins, tent frames)	25.	☐ change in ambient noise level
	tourism	26.	☐ deposit onto ground surface
0	municipal (construction) □Commercial □Built structures □Infrastructure	27.	☐ change in slope stability
		28.	☐ change in soil structure
		29.	☐ alteration of permafrost regime
О	agriculture	30.	destabilization/erosion
	forestry	31.	☐ soil compaction
O	other, explain:	32.	change in access to renewable resources.
		33.	depletion of non-renewable resources
		34.	removal or rare/endangered plants
		35.	☐ introduction of species
		36.	□ toxin/heavy metal accumulation
		37.	☐ removal or rare/endangered wildlife
		38.	☐ change in wildlife health
		39.	impact to large mammals
		40.	impact to small mammals
		41.	impact to fish
		42.	☐ impact to birds
		43.	impact to other wildlife
		44.	impact to calving, nesting, staging or spawning area

			45.	Ос	hange in wildlife habitat	
			46.	<u></u> 0	ther, explain:	
					THE STATE OF THE S	
	_	E ENVIRONME! of effects identifies in #8		EFFE	CTS	
Matching Number (s)		Description of Cumulative Environmental Effects				
N/A						
					,	
						
	<u> </u>					
					, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
W	ill the proje	ect make large dema	ands on	non-re	enewable energy sources?	
de	Will the project encourage further developments within the current project or other developments(similar projects, energy development, generation, petroleum development and extraction, the building of additional roads)?					
	Will the project encourage a "boom-bust" economy over an economy of permanence?					
Will the project encourage more with hunters and fishers?		wildlife	harve	sting on account of better access for		
Will the project have an effect			n the wa	ter qua	ality of the watershed?	
Will the project have a signifi		ect have a significar	ant effect on existing land uses?			

Number Identified (#8, #9, & #10)		Description of Mitigation Measures				
9 ENSURE &		ENSURE EXPANSION MEET COMMUNITY NEEDS				
		WELL WITE THE FUTURE				
<u> </u>	20,41	ENSURE LEACHATE FROM SOLIO WASTE MINIMIZED				
		EFFLUEND DISCHARGE WITHIN LIMITS SET IN GUALUNG.				
	<u> </u>	Souis WASTE FACILITY property operate DT				
		MAINTAINED.				
12. SIGNIFICANCE						
After taking into account the mitigation measures identifies in #11, are any of the residual, adverse environmental effects significant?						
	Yes					
	If Yes, identify which one (s) and proceed to #13; if No, proceed to #14					
	Number(s)					
						
13.	3. LIKELIHOOD OF OCCURRENCE					
Of the significant, residual, adverse environmental effects identidied in # 12, are any likely to occur?						
occui:	Yes	No				
	Number(s)					

(For each environmental effect identified in #8 and #9 and #10, describe the required mitigation measures.)

MITIGATION MEASURES

11.

14. INFORMATION SOURCES

15. STAFF RECOMMENDATIONS

	ecommendations: (include rationale)	Daniero de Au
<u>-110)</u>	eject trucero mechan reacomo es	PROCESS AS ACL
GALLIRO	REMINITAL IMPACES APPEAR TO BE N	UTICARIE.
NUB	B CENSIDER PUBLIC CONSLICATION TO	FAMILIBZE THEM
WITH	H EXISTING FACITIES IN LOLONLIS A	NOOBTAIN COMMUNITY
CONIC	VICETOUS FIRSTHAND.	
Prepared	red by: DIDNINE FILIATRAULT Position:	TECHNICAL ADVISOR
Date Con	Completed: November 12, 1997	
16.	NUNAVUT WATER BOARD COMMENTS	
DECISI	ISION IN PRINCIPLE TO HOLD BUBLIC MI	EETING JAN/PEB 1998
PEND	VOING BUDGETTING RECLIREMENTS.	***
•		
17.	SPECIAL TERMS AND CONDITIONS OF TH	IE LICENCE
5 yea	EARLICENCE	
ANNIL	JUAL WATER USE 45,000 m3/15.	
	hae screen	_
2000 AC	P ESTABLISHED, WATER SUPPLY WASTE DIS ROPRIATE SIGNACE.	POSAC
AGGRE	M PLAN , AVR. PLAN HUIRENONT FOR CONSTRUCTEN, MODIFICA	To ₹5
	104 INPACTS TO RECEIVING ENVIRONMENT	
18.	AUTHORIZATION	
	Approved by:	Date: