



P.O. Box 119
G.I.O.A HAVEN, NT XOE 1J0
TEL: (867) 360-6338
FAX: (867) 360-6369

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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

SCREENING FORM

1. GENERAL FILE INFORMATION ON SCREENING

NWB Licence Number: NWB3PEL

Project Title: Municipal Services Water use/Waste disposal
(Title of project)

Proponent: Municipality of Pelly Bay, NT
(Company / Applicant)

Proponent Address: Box 205
Pelly Bay N.T. XOE 1K0
(Full Address)

Contractor: _____
(Company / persons doing the work, if different from the proponent)

Date Application Received: 98/11/12
(Year-Month-Day)

Date Application Accepted: _____
(Year-Month-Day)

Proposed Starting Date of Activity: _____
(Year-Month-Day)

Date Application Referred for Comments: 98 02 13
(Year-Month-Day)

Deadline for Comments: 98 03 20
(Year-Month-Day)

Date / Location Application Advertised: distribution list MACA/OFO/ODE
(Location) (Year-Month-Day)

Kit Health, Pelly HTO, RWED- Lisa Dyer
(Location) (Year-Month-Day)

(Location) (Year-Month-Day)

Date / Location Application Posted: _____
(Location) (Year-Month-Day)

(Location) (Year-Month-Day)

(Location) (Year-Month-Day)

NWB Approval: _____
(Article 13.7.1)

Public Hearing Required: Yes _____ No _____

Public Hearing Date: _____
(Year-Month-Day)

Project Canceled: Yes _____
(Year-Month-Day)

Reason _____

Comments: _____

2. AUTHORIZING AGENCIES

Authorizing Agency(ies): NTL, Regional Inuit Association, NIRB, NWMB, DIAND, DFO,
DOE, RWED, Other _____
(Circle one or more)

Land: Inuit Owned _____ Crown _____ Commissioner's _____ Marine Area _____

Type of Approval being sought: _____
(new, renewal, amendment, cancellation)

Other required approvals, permits or licences: _____
(water Licence, land use permit, quarry permit, lease)

Present Authorizations (active / expiry date): _____
(File Number)

Project File Location: _____
(Office where project file is located, contact person and number)

3. PROJECT LOCATION

Kivalliq _____ Kitikmeot _____ Baffin _____

Land Use Planning Region: _____

Geographic Place Name: _____
(nearest place name or geographic feature)

Local Name: _____
(traditional name for location)

National Topographic Sheet (NTS) Number: _____ Scale: _____

Latitude / Longitude: _____

Drainage Region and Watershed: _____
(nearest creek, river or lake system)

Nearest Settlement: _____

Adjacent Settlement / Out-post camps: _____

Surrounding Land Status: _____

Special Designation: _____
(e.g. heritage river, protected area, etc)

Does the project have Nunavut Transboundary implications?:

If yes, what additional procedures/contacts are needed?: _____

4. PROJECT DESCRIPTION AND ASSESSMENT

Physical Work, Activity:

(Construction, camp, fuel cache, quarrying, ~~harvesting~~, water works, installation, operation, maintenance, scientific research)

Multiple Activities: Yes No

Project Category Code: (circle those that apply)	Point	Multiple Points	Linear	Area
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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 use and storage, amount and source of resources needed eg. gravel)

[illegible]

Alternatives Considered:

(list all alternatives to the project and / or components of the project to avoid unnecessary amendment, eg. Give 2 alternatives to the location of an ice road and camp logistics or water supply source)

5. THE PROPONENT'S PUBLIC CONSULTATION PROCESS

Description of Proponent's Public Consultation Process: _____

Did proponent make use of traditional knowledge?

(Please attach list of contact names and / or sources of TK)

Yes _____ No _____

Was information available in the community's preferred language?

Yes _____ No _____

In NWB's opinion, was the proponent's public consultation adequate?

Yes _____ No _____

If no, explain why the proponent's consultation program was found deficient.

6. DESCRIPTION OF THE ENVIRONMENT

Description of Biophysical Environment:

Description of Socio-Economic and Cultural Environment:

7. NWB CONSULTATION PROCESS

Date Application Referred for Comments: _____
(Year-Month-Day)

Deadline for Comments: _____
(Year-Month-Day)

Distribution List	Contact Person	Date Comments Received
NUNAVUT		
<input type="checkbox"/> NTI		
<input type="checkbox"/> Kitikmeot IA		
<input type="checkbox"/> Kivalliq IA		
<input type="checkbox"/> Qikiktani IA		
<input type="checkbox"/> NPC		
<input type="checkbox"/> NIRB		
<input type="checkbox"/> NWMB		
<input type="checkbox"/> RWO / HTO		
<input type="checkbox"/> Inuit heritage trust		
<input type="checkbox"/> RLO		
<input type="checkbox"/> Community Hamlet: _____ HTO: _____		
<input type="checkbox"/> Community Hamlet: _____ HTO: _____		
<input type="checkbox"/> CLARC: _____		
<input type="checkbox"/> Other: _____		
FEDERAL		
<input type="checkbox"/> DIAND Water Resources		
<input type="checkbox"/> DIAND Land Admin.		
<input type="checkbox"/> DFO: _____		
<input type="checkbox"/> DOE		
<input type="checkbox"/> Other: DOT, DND, Health:		
GNWT		
<input type="checkbox"/> RWED		
<input type="checkbox"/> MACA		
<input type="checkbox"/> Public Works		

<input type="checkbox"/> Environmental Health		
<input type="checkbox"/> Other: _____		
TRANSBOUNDARY PARTIES		
<input type="checkbox"/>		
OTHER PARTIES		
<input type="checkbox"/>		
<input type="checkbox"/>		

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)
<input type="checkbox"/> access road <input type="checkbox"/> Construction <input type="checkbox"/> Abandonment/removal <input type="checkbox"/> Modification	1. <input type="checkbox"/> impacts to hunting/trapping/fishing
<input type="checkbox"/> automobile, aircraft or vessel movement	2. <input type="checkbox"/> impacts on: <input type="checkbox"/> Women <input type="checkbox"/> Men <input type="checkbox"/> Children <input type="checkbox"/> Elders
<input type="checkbox"/> blasting	
<input type="checkbox"/> burning	3. <input type="checkbox"/> impact to traditional use or traditional use area
<input type="checkbox"/> burying	
<input type="checkbox"/> channeling	4. <input type="checkbox"/> impact on outfitters
<input type="checkbox"/> construction <input type="checkbox"/> Building <input type="checkbox"/> Shed/warehouse <input type="checkbox"/> Landing strip	5. <input type="checkbox"/> impact on recreational use
	6. <input type="checkbox"/> impact on family structure
	7. <input type="checkbox"/> impact on community health
<input type="checkbox"/> cut and fill	8. <input type="checkbox"/> impact in community economics
<input type="checkbox"/> removal of vegetation	9. <input type="checkbox"/> impact in community housing or infrastructure
<input type="checkbox"/> dams and impoundments <input type="checkbox"/> Construction <input type="checkbox"/> Abandonment/removal <input type="checkbox"/> Modification	10. <input type="checkbox"/> impact to industry
	11. <input type="checkbox"/> change in regional transportation

<input type="checkbox"/> ditch construction	12. <input type="checkbox"/> impact to archaeological or cultural landmarks.
<input type="checkbox"/> drainage alteration	
<input type="checkbox"/> drilling other than geoscientific	13. <input type="checkbox"/> impact on beauty of the landscape
<input type="checkbox"/> ecological surveys	14. <input type="checkbox"/> other, explain
<input type="checkbox"/> excavation	
<input type="checkbox"/> explosive storage	15. <input type="checkbox"/> deposit into surface or groundwater
<input type="checkbox"/> fuel storage	16. <input type="checkbox"/> deposit to marine environment
<input type="checkbox"/> garbage <input type="checkbox"/> Disposal of hazardous waste <input type="checkbox"/> Disposal of sewage or greywater <input type="checkbox"/> Disposal of solid waste	17. <input type="checkbox"/> change in surface or groundwater flow
	18. <input type="checkbox"/> change in water temperature
<input type="checkbox"/> geoscientific sampling <input type="checkbox"/> Trenching <input type="checkbox"/> Diamond drill <input type="checkbox"/> Borehole core sampling <input type="checkbox"/> Bulk soil sampling	19. <input type="checkbox"/> change in drainage pattern
	20. <input type="checkbox"/> change in water quality
	21. <input type="checkbox"/> change in air quality
	22. <input type="checkbox"/> change in air flow
<input type="checkbox"/> quarry	23. <input type="checkbox"/> micro-climatic change
<input type="checkbox"/> hydrological testing	24. <input type="checkbox"/> ice fog
<input type="checkbox"/> river/stream/lake crossing/bridging	25. <input type="checkbox"/> change in ambient noise level
<input type="checkbox"/> site restoration <input type="checkbox"/> Fertilization <input type="checkbox"/> Grubbing <input type="checkbox"/> Planting/seeding <input type="checkbox"/> Scarification <input type="checkbox"/> Spraying <input type="checkbox"/> Recontouring	26. <input type="checkbox"/> deposit onto ground surface
	27. <input type="checkbox"/> change in slope stability
	28. <input type="checkbox"/> change in soil structure
	29. <input type="checkbox"/> alteration of permafrost regime
	30. <input type="checkbox"/> destabilization/erosion
<input type="checkbox"/> soil testing	31. <input type="checkbox"/> soil compaction
<input type="checkbox"/> topsoil, overburden or soil <input type="checkbox"/> Fill <input type="checkbox"/> Disposal <input type="checkbox"/> Removal <input type="checkbox"/> Storage	32. <input type="checkbox"/> change in access to renewable resources.
	33. <input type="checkbox"/> depletion of non-renewable resources
<input type="checkbox"/> tunneling/underground	34. <input type="checkbox"/> removal or rare/endangered plants
<input type="checkbox"/> other, explain:	35. <input type="checkbox"/> introduction of species

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

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

[illegible]

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 Activities (Check all the items appropriate to this project)	Project Effects (Check all the items appropriate to this project)
<input type="checkbox"/> harvesting <input type="checkbox"/> Marine mammals <input type="checkbox"/> Land mammals <input type="checkbox"/> Fur bearers <input type="checkbox"/> Birds <input type="checkbox"/> Shellfish <input type="checkbox"/> Plants <input type="checkbox"/> Berries <input type="checkbox"/> Fish	1. <input type="checkbox"/> impacts to hunting/trapping/fishing
	2. <input type="checkbox"/> impacts on: <input type="checkbox"/> Women <input type="checkbox"/> Men <input type="checkbox"/> Children <input type="checkbox"/> Elders
	3. <input type="checkbox"/> impact to traditional use or traditional use area
<input type="checkbox"/> mining <input type="checkbox"/> Exploration <input type="checkbox"/> Open pits <input type="checkbox"/> Underground <input type="checkbox"/> Off-shore	4. <input type="checkbox"/> impact on outfitters
	5. <input type="checkbox"/> impact on recreational use
	6. <input type="checkbox"/> impact on family structure
<input type="checkbox"/> mineral processing	7. <input type="checkbox"/> impact on community health
<input type="checkbox"/> industry type: _____	8. <input type="checkbox"/> impact in community economics
<input type="checkbox"/> quarries <input type="checkbox"/> Carving stone <input type="checkbox"/> Aggregate	9. <input type="checkbox"/> impact in community housing or infrastructure
	10. <input type="checkbox"/> impact to industry
<input type="checkbox"/> transportation/communications <input type="checkbox"/> Airport/landing strip <input type="checkbox"/> Roads/access routes <input type="checkbox"/> Shipping <input type="checkbox"/> Channels/canal <input type="checkbox"/> Telephone line, satellite dishes, cables <input type="checkbox"/> Beacons	11. <input type="checkbox"/> change in regional transportation
	12. <input type="checkbox"/> impact to archaeological or cultural landmarks.
	13. <input type="checkbox"/> impact on beauty of the landscape
<input type="checkbox"/> waste disposal (solid, liquid or gas?)	14. <input type="checkbox"/> other, explain
	15. <input type="checkbox"/> deposit into surface or groundwater
<input type="checkbox"/> energy project <input type="checkbox"/> Hydro <input type="checkbox"/> Pipeline <input type="checkbox"/> Transmission line	16. <input type="checkbox"/> deposit to marine environment
	17. <input type="checkbox"/> change in surface or groundwater flow

<input type="checkbox"/> other water licenses, permits, leases	18. <input type="checkbox"/> change in water temperature
<input type="checkbox"/> lands <ul style="list-style-type: none"> <input type="checkbox"/> Inuit owned <ul style="list-style-type: none"> <input type="checkbox"/> Surface rights <input type="checkbox"/> Sub-surface rights <input type="checkbox"/> Crown <input type="checkbox"/> Commissioner's <input type="checkbox"/> Marine areas 	19. <input type="checkbox"/> change in drainage pattern
	20. <input type="checkbox"/> change in water quality
	21. <input type="checkbox"/> change in air quality
	22. <input type="checkbox"/> change in air flow
<input type="checkbox"/> other private lands held under tenure	23. <input type="checkbox"/> micro-climatic change
<input type="checkbox"/> heritage sites or archaeological sites	24. <input type="checkbox"/> ice fog
<input type="checkbox"/> recreation (eg. Cabins, tent frames)	25. <input type="checkbox"/> change in ambient noise level
<input type="checkbox"/> tourism	26. <input type="checkbox"/> deposit onto ground surface
<input type="checkbox"/> municipal (construction) <ul style="list-style-type: none"> <input type="checkbox"/> Commercial <input type="checkbox"/> Built structures <input type="checkbox"/> Infrastructure 	27. <input type="checkbox"/> change in slope stability
	28. <input type="checkbox"/> change in soil structure
	29. <input type="checkbox"/> alteration of permafrost regime
<input type="checkbox"/> agriculture	30. <input type="checkbox"/> destabilization/erosion
<input type="checkbox"/> forestry	31. <input type="checkbox"/> soil compaction
<input type="checkbox"/> other, explain:	32. <input type="checkbox"/> change in access to renewable resources.
	33. <input type="checkbox"/> depletion of non-renewable resources
	34. <input type="checkbox"/> removal or rare/endangered plants
	35. <input type="checkbox"/> introduction of species
	36. <input type="checkbox"/> toxin/heavy metal accumulation
	37. <input type="checkbox"/> removal or rare/endangered wildlife
	38. <input type="checkbox"/> change in wildlife health
	39. <input type="checkbox"/> impact to large mammals
	40. <input type="checkbox"/> impact to small mammals
	41. <input type="checkbox"/> impact to fish
	42. <input type="checkbox"/> impact to birds
	43. <input type="checkbox"/> impact to other wildlife
	44. <input type="checkbox"/> impact to calving, nesting, staging or spawning area

	45. <input type="checkbox"/> change in wildlife habitat
	46. <input type="checkbox"/> other, explain:

10. **CUMULATIVE ENVIRONMENTAL EFFECTS**

(Based on a comparison of effects identifies in #8 and #9)

Matching Number (s)	Description of Cumulative Environmental Effects
_____	_____

_____	_____

_____	_____

_____	_____

- _____ Will the project make large demands on non-renewable energy sources?
- _____ 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 wildlife harvesting on account of better access for hunters and fishers?
- _____ Will the project have an effect on the water quality of the watershed?
- _____ Will the project have a significant effect on existing land uses?

11. MITIGATION MEASURES

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

Number Identified
(#8, #9, & #10)

Description of Mitigation Measures

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

12. SIGNIFICANCE

After taking into account the mitigation measures identifies in #11, are any of the residual, adverse environmental effects significant?

Yes _____ No _____

If Yes, identify which one (s) and proceed to #13; if No, proceed to #14

Number(s) _____

13. LIKELIHOOD OF OCCURRENCE

Of the significant, residual, adverse environmental effects identified in # 12, are any likely to occur?

Yes _____ No _____

Number(s) _____

14. INFORMATION SOURCES

What sources of information were used in the screening process?

- ☐ local knowledge
- ☐ traditional ecological knowledge
- ☐ land use plans (and draft land use plans)
- ☐ authorizing agencies' data
- ☐ departmental or agency opinions
- ☐ maps
- ☐ photos
- ☐ reports (scientific, economic, social, or anthropological, archival or historical information)
- ☐ Nunavut Water Board Public Registry and CD-ROM files
- ☐ Nunavut Environmental Database (NED)
- ☐ personal communications
- ☐ Project Registry (NPC)
- ☐ previous similar projects
- ☐ service organizations
- ☐ media monitoring
- ☐ experts
- ☐ guidelines, regulations, and relevant acts
- ☐ other: _____

For information sources identified above, provide contact person and /or information location (for future follow-up):

15. STAFF RECOMMENDATIONS

Staff recommendations: (include rationale)

Prepared by: _____ Position: _____

Date Completed: _____

16. NUNAVUT WATER BOARD COMMENTS

17. SPECIAL TERMS AND CONDITIONS OF THE LICENCE

18. AUTHORIZATION

Approved by: _____ Date: _____