

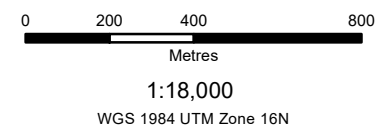


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This drawing is prepared solely for the use of our customers as specified in the accompanying report. Worley Canada Services Ltd. assumes no liability to any other party for any representations contained in this drawing.					

በጋራ ሆኖ Table 1-1 ን ለማረጋገጥ ለሚያስፈልጉት ሁሉም ምዕራፍ

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የጥያቄው ዝርዝር መረጃ	ፊርማው Fisheries and Oceans Canada, Small Craft Harbours 501 University Crescent Winnipeg, MB R3T 2N6 Telephone: 204-984-1102 Fax: 204-983-7166 Email: Eleanor.McEwan@dfo-mpa.gc.ca
አጠቃላይ የጥያቄው ዝርዝር	ፊርማው Victoria Burdett-Coutts, ሪፖርት ፊርማው ሪፖርት ሪፖርት ሪፖርት, M.Sc., R.P.Bio.
የጥያቄው ዝርዝር መረጃ	Suite 200 -2930 Virtual Way Vancouver, British Columbia V5M 0A5 Office: 778-945-5501 Mobile: 778-839-2372 Fax: 604-298-1625 Email: Victoria.Coutts@advisian.com

በገጽ ፫፻፱፻፱ Table 1-2 ልግግር ለፍጥነት ልዩነት በገጽ ፫፻፱፻፱

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Figure 2-2

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**Attachment 1 Conformity Determination –
Nunavut Planning Commission**



January 27, 2021

NPC FILE No: 149437

Talia Maksagak

Manager, Technical Administration
Nunavut Impact Review Board (NIRB)
P.O. Box 1360, Cambridge Bay, NU X0B 0C0
By email: tmaksagak@nirb.ca, info@nirb.ca

Rob Johnstone

Sustainable Mining and Minerals Division
Natural Resources Canada
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rachelle.besner2@canada.ca

Richard Dwyer

Manager of Licensing
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licensing@nwb-oen.ca

Transport Canada

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Winnipeg, MB R3C 0P6
By Email: Pnrean-pnreen@tc.gc.ca

Jared Ottenhof

Senior Manager, Department of Major Projects
Qikiqtani Inuit Association (QIA)
P.O. Box 1340, Iqaluit NU X0A 0H0
By email: jottenhof@qia.ca;
dmp@qia.ca, caisa.qamaniq-mason@canada.ca

Tracey McCaie

Manager Land Administration
Crown-Indigenous Relations and Northern
Affairs Canada (CIRNAC)
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isa.qamaniq-mason@canada.ca

Amy Robinson

Manager, Land Use Planning
Department of Environment (GN-DOE)
P.O. Box 1000, Iqaluit, NU X0A 0H0
By email: arobinson@gov.nu.ca;
dgissing@gov.nu.ca

Veronique D'Amours-Gauthier

Senior Fisheries Protection Biologist
Fisheries and Oceans Canada (DFO)
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fisheriesprotection@dfo-mpo.gc.ca

Eleanor McEwan

Fisheries & Oceans Canada - Small Craft
Harbours
501 University Crescent
Winnipeg Manitoba R3T 2N6 Canada
By email: eleanor.mcewan@dfo-mpo.gc.ca

Dear Ms. Maksagak, Mr Johnstone, Mr. Dwyer, Mr. Ottenhof, Ms. McCaie, Ms. Robinson, Ms. D'Amours-Gauthier, and Ms. McEwan:

RE: NPC File # 149437 [Arctic Bay Small Craft Harbour Development]

- **Related NPC File No.:** 149159 and 149425.
- **Related NIRB File No.:** 19YN031.

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sc]ltz 867-983-4625
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Cambridge Bay, NU X0B 0C0
☎ 867-983-4625
☎ 867-983-4626

P.O. Box 2101
Ikaluktutiak, NU X0B 0C0
☎ 867-983-4625
☎ 867-983-4626

- **Location:** Qikiqtani Region; [Arctic Bay].

The following works and activities have been proposed in the above-noted project proposal:

1. Marine based activities: Construction of the community Small Craft Harbor in Arctic Bay to support safe access to land and sea. Activities include the development of a new quarry site and the construction of the following permanent structures: a new breakwater, a fixed wharf, a boat launch ram, small craft floating docks, a sealift landing ramp and a laydown area to be used for sealift storage, boat storage and parking.

A complete description of the project proposal reviewed by the NPC can be accessed online using the link below.

The Nunavut Planning Commission (NPC) has completed its review of the above noted project proposal. The activities associated with this proposal were previously reviewed by NPC, and a conformity determination was issued on June 3, 2019 and December 10, 2020. This conformity determination still applies. In addition, associated activities were previously screened by the Nunavut Impact Review Board (NIRB FILE NO.: 19YN031).

The NPC has determined that the above-noted project proposal is a significant modification to the project because it includes new activities including a new quarry site and the construction of permanent structures. It conforms to the North Baffin Regional Land Use Plan (NBRLUP). The proponent has undertaken to comply with the applicable conformity requirements of Appendix C, H, and I of the NBRLUP.

The above-noted project proposal requires screening by the NIRB under section 12.4.3 of the Nunavut Agreement as amended because it is for a component or activity that was not part of the original or previously amended proposal and its inclusion is a significant modification of the project. By way of this letter, the NPC is forwarding the project proposal with this determination to the NIRB for screening. Project materials, including the applicable conformity requirements, are available at the following address:

<https://lupit.nunavut.ca/portal/project-dashboard.php?appid=149437&sessionid=>

The regulatory authorities to which this letter is addressed are responsible under the Nunavut Planning and Project Assessment Act (NUPPAA) to implement any of the applicable requirements by incorporating the requirements directly, or otherwise ensuring that they must be met, in the terms and conditions of any authorizations issued.

This conformity determination applies only to the above noted project proposal as submitted. Proponents may not carry out projects and regulatory authorities may not issue licenses, permits and other authorizations in respect of projects if a review by the NPC is required. Regulatory authorities may consult with the NPC to obtain recommendations on their duties to implement the existing land use plans prior to issuing licenses, permits and other authorizations under subsection 69(6) of the NUPPAA.

My office would be pleased to discuss how best to implement the applicable requirements and to review any draft authorizations that regulatory authorities wish to provide for that purpose. If you have any questions, please do not hesitate to contact me at (867) 979-3444.

Sincerely,



Goump Djalogue
Senior Planner, MCIP, RPP
Nunavut Planning Commission

**Attachment 2 Screening Decision Report –
Nunavut Impact Review Board**



NIRB File No.: 21UN004
NPC File No.: 149437

October 4, 2021

To: The Honourable Jonathan Wilkinson, P.C.
Minister of Environment and Climate
Change
House of Commons
Ottawa, ON K1A 0A6

The Honourable Bernadette Jordan, P.C.
Minister of Fisheries and Oceans and the
Canadian Coast Guard
House of Commons
Ottawa, ON K1A 0A6

The Honourable Seamus O'Regan
Minister of Natural Resources
House of Commons
Ottawa, ON K1A 0A6

The Honourable Omar Alghabra, P.C.
Minister of Transport
House of Commons
Ottawa, ON K1A 0A6

Sent via email: ec.ministre-minister.ec@canada.ca, Jonathan.wilkinson@parl.gc.ca, min@dfo-mpo.gc.ca, Bernadette.jordan@parl.gc.ca, nrcan.ministre-ministre.mcan@canada.ca, seamus.oregan@parl.gc.ca, questions@tc.gc.ca, and omar.alghabra@parl.gc.ca

Re: Screening Decision for Fisheries and Oceans Canada – Small Craft Harbours’ “Arctic Bay Small Craft Harbour Development” Project Proposal, Qikiqtani (North Baffin) Region

Dear Honourable Ministers:

On January 27, 2021, the Nunavut Impact Review Board (NIRB or Board) received a referral to screen Fisheries and Oceans Canada – Small Craft Harbours’ (DFO – SCH) “Arctic Bay Small Craft Harbour Development” project proposal from the Nunavut Planning Commission (NPC or Commission), with an accompanying positive conformity determination with the North Baffin Regional Land Use Plan.

Pursuant to Article 12, Sections 12.4.1 and 12.4.4 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada (Nunavut Agreement)* and s. 87 of the *Nunavut Planning and Project Assessment Act*, S.C. 2013, c. 14, s. 2 (NuPPAA), the NIRB commenced screening this project proposal and assigned it file number **21UN004**.

Following the assessment of all material information provided, the NIRB is recommending that a review of DFO - SCH's "Arctic Bay Small Craft Harbour Development" project is not required pursuant to paragraph 92(1)(a) of the *NuPPAA*.

Pursuant to its discretion under paragraph 92(2)(a) of the *NuPPAA*, the NIRB has determined that specific terms and conditions are appropriate for this project.

Accordingly, the NIRB is issuing the attached Screening Decision Report dated October 4, 2021 to the responsible Ministers. The Screening Decision Report provides, among other things, the regulatory framework, project overview and the NIRB's assessment process, factors relevant for the determining significance of impacts and recommended project-specific terms and conditions.

Please note that the project proposal will not be enclosed due to the size of the electronic document and the limited bandwidth. However, an electronic copy of the project proposal is accessible online from the NIRB's online public registry at www.nirb.ca/project/125580.

Please note that, the Board only directly addresses these notice letters to those individuals considered to be a "responsible Minister with decision-making authority" for the project as set out under the *NuPPAA*. However, regulatory authorities and other authorizing agencies associated with a proposed project (e.g., Regional Inuit Associations, Nunavut Water Board) will continue to be copied on the Notice of Release of the Screening Decision Report. The NIRB is providing these parties with notice and access to the Board's Screening Decision Report as required under s. 200(2) and in support of these parties in the fulfillment of their responsibilities under the *NuPPAA* and the *Nunavut Agreement* to address, and as appropriate, implement, to the fullest extent possible, any relevant NIRB recommendations contained in the Screening Decision Report.

We look forward to receiving a response from the responsible Ministers and the NIRB remains available for consultation with the Ministers regarding this report as necessary. If you have any questions or require clarification, please do not hesitate to contact the NIRB's Director, Technical Services, Tara Arko at (867) 983-4611 or tarko@nirb.ca.

Sincerely,



Kaviq Kaluraq
Chairperson
Nunavut Impact Review Board

Enclosure (1): Screening Decision Report, NIRB File No.: 21UN004 (October 4, 2021)

cc: Lootie Toomasie, Chairperson of the Nunavut Water Board



Attachment 3 Design Drawings

	MONUMENT
	EXISTING POWER POLE
	PROPOSED POWER POLE AND LIGHTING
	NAVIGATION LIGHT

**FISHERIES AND
OCEANS CANADA
SMALL CRAFT HARBOURS**

**501 UNIVERSITY CRESCENT
WINNIPEG, MANITOBA, R3T 2N6**

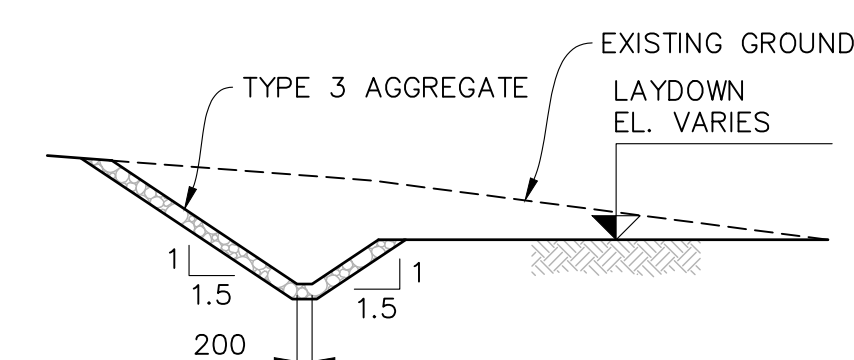
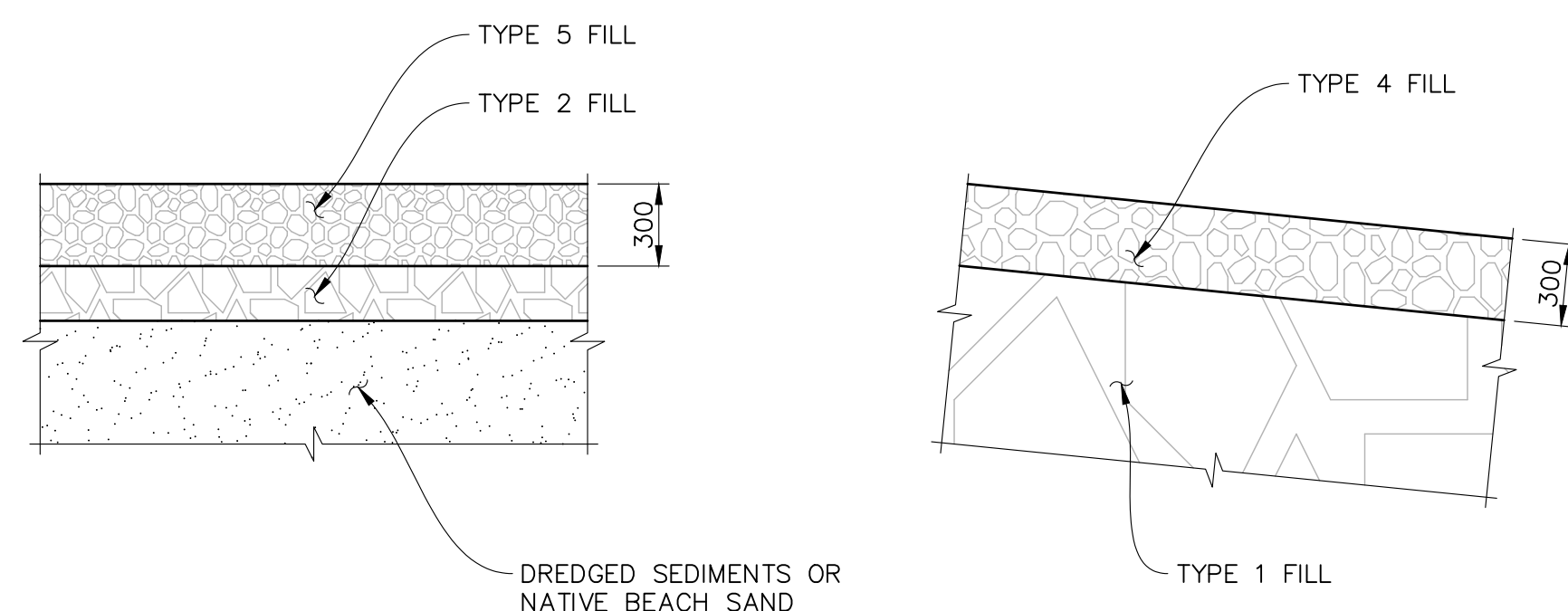
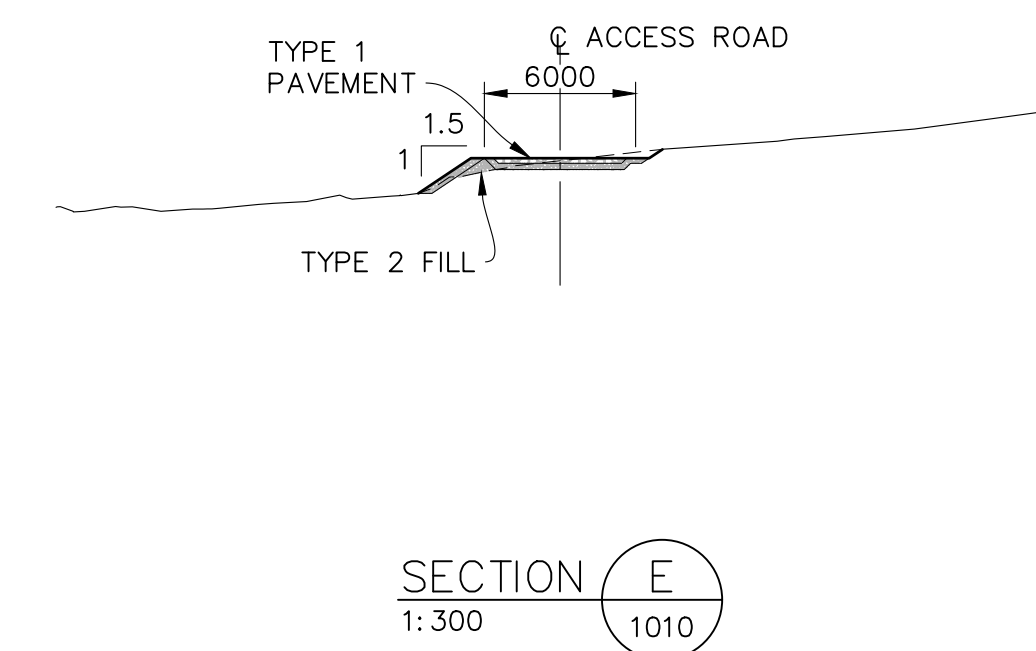
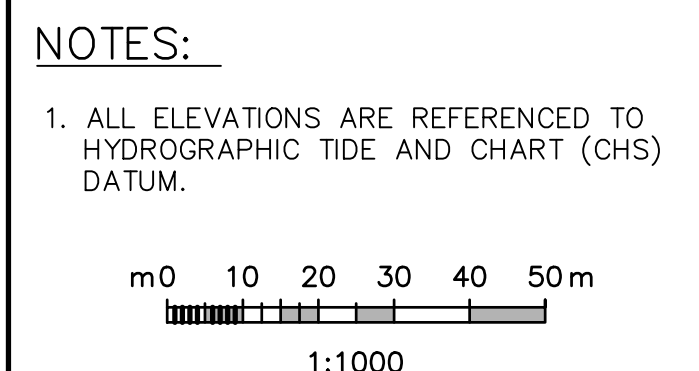
ARCTIC BAY HARBOUR DEVELOPMENT

PWGSC Project Manager Administrateur de Projets TPSGC
KENTON THIESSEN

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

317071-00037-00-MA-DGA-1005





FISHERIES AND OCEANS CANADA SMALL CRAFT HARBOURS 501 UNIVERSITY CRESCENT WINNIPEG, MANITOBA, R3T 2N6	Project
Project title ARCTIC BAY, NUNAVUT	
ARCTIC BAY HARBOUR DEVELOPMENT	

Designed by PAIGE CROMPTON	Conçu par
Drawn by BRIAN MASSULLO	Dessiné par
Approved by HARALD KULLMANN	Approuvé par
PWGC Project Manager KENTON THIESSEN	Administrateur de Projets TPSGC
Drawing title	Titre du dessin

TYPICAL SECTIONS

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
317071-00037	1006 OF	A



Attachment 4 Type B Permit Form



P.O. Box 119

GJOA HAVEN, NU X0B 1J0

TEL: (867) 360-6338

FAX: (867) 360-6369

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NUNAVUT WATER BOARD

NUNAVUT IMALIRIYINKATIMAYIT

OFFICE DES EAUX DU NUNAVUT

GENERAL WATER LICENCE APPLICATION (APPLICATION FOR NEW WATER LICENCE)

The applicant is referred to the NWB's Guide 4: *Guide to Completing and Submitting a Water Licence Application for a New Licence* for more information about this application form.

LICENCE NO: (for NWB use only)	
1. APPLICANT (PROPOSED LICENSEE) CONTACT INFORMATION (name, address) Eleanor McEwan, Senior Project Engineer Fisheries and Oceans Canada, Small Craft Harbour 501 University Crescent Winnipeg, MB R3T 2N6 Phone: 204-984-1102 Fax: e-mail: Eleanor.McEwan@dfo-mpa.gc.ca	2. APPLICANT REPRESENTATIVE CONTACT INFORMATION if different from Block 1 (name, address) See block 1 Phone: Fax: e-mail: (Attach authorization letter.)
3. NAME OF PROJECT (including the name of the project location) Arctic Bay Harbour Development, Arctic Bay	
4. LOCATION OF UNDERTAKING Project Extents NW: Latitude: (° ' " N) Longitude: (° ' " W) N 8104993.870 E 559767.375 NE: Latitude: (° ' " N) Longitude: (° ' " W) N 8105239.899 E 560010.448 SE: Latitude: (° ' " N) Longitude: (° ' " W) N 8105048.023 E 560166.351 SW: Latitude: (° ' " N) Longitude: (° ' " W) N 8104831.224 E 559899.529 Camp Location(s) – no camp will be required for the purposes of this NWB permit application Latitude: (° ' " N) Longitude: (° ' " W)	
5. MAP - Attach a topographical map, indicating the main components of the undertaking. See Figure 1, attached.	

NTS Map Sheet No.: 16N Map Name: Project Location and Drainage Ditches Map Scale: 1:50,000

6. NATURE OF INTEREST IN THE LAND - Check any of the following that are applicable to the proposed undertaking (at least one box under the 'Surface' header must be checked).

Sub-surface

☐ Mineral Lease from Nunavut Tunngavik Incorporated (NTI)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ Mineral Lease from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: _____ Date of expiry: _____

Surface

☐ Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ IOL Authorization from Kivalliq Inuit Association (KIVA)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ IOL Authorization from Qikiqtani Inuit Association (QIA)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ Commissioner's Land Use Authorization
Date (expected date) of issuance: _____ Date of expiry: _____

☒ Other: [land will be transferred to the proponent prior to start of construction](#)
Date (expected date) of issuance: 05-2021 Date of expiry: N/A

Name of entity(s) holding authorizations: _____

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

Indicate the land use planning area in which the project is located.

- | | |
|--|---|
| ☒ North Baffin | ☐ Keewatin |
| ☐ South Baffin | ☐ Sanikiluaq |
| ☐ Akunnig | ☐ West Kitikmeot |

Is a land use plan conformity determination required?

☒ Yes ☐ No

If Yes, indicate date issued and attach copy: [January 27, 2021 \(permit no. 149437\). See Section 2.2 and attachment 2 of supporting letter.](#)

If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required.

8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION

Is an Article 12 Part 4 screening determination required?

☒ Yes

☐ No

If Yes, indicate date issued and attach copy: [October 4, 2021 \(permit no. 21UN004\). See section 2.2 and attachment 3 of supporting letter.](#)

If No, provide written confirmation from NIRB confirming that a screening determination is not required.

9. DESCRIPTION OF UNDERTAKING – List and attach plans and drawings or project proposal.

[Fisheries and Oceans Canada – Small Craft Harbours \(DFO-SCH\) through Public Services and Procurement Canada \(PSPC\) is developing a small craft harbour \(SCH\) in the Hamlet of Arctic Bay, Nunavut. The Project is part of the Inuit Impact and Benefit Agreement \(IIBA\) \(IIBA 2019\) negotiated for the Tallurutiup Imanga \(Lancaster Sound\) National Marine Conservation Area \(TI NMCA\). The Project will improve safety and access to water, functionality of boating activities, and reduce the congestion and environmental risks associated with the current use of the harbour. The permanent components of the Project include the construction of a new breakwater with fixed wharf, a boat launch ramp, small craft floating docks, laydown area and harbour lighting.](#)

[See supporting letter for further information regarding drainage ditch diversions at the SCH.](#)

10. OPTIONS – Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.

[The location of the Project was selected as it incorporates the existing breakwater and harbour into the new design, it is centrally located and the community supports the continued operation at its current location. Three preliminary options \(Options 1, 2 and 3\) were presented to the community in 2019 and 2020. Through design workshops and community consultations Option 1 was chosen as the preferred SCH arrangement by the community during consultations conducted by DFO-SCH in February 2020.](#)

11. CLASSIFICATION OF PRIMARY UNDERTAKING - Indicate the primary classification of undertaking by checking one of the following boxes.

☐ Industrial

☐ Agricultural

☐ Mining and Milling (includes exploration/drilling/exploration camps)

☐ Conservation

☐ Municipal (includes camps/lodges)

☐ Recreational

☐ Power

☒ Miscellaneous (describe below):

See Schedule II of *Northwest Territories Waters Regulations* for Description of Undertakings.

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be submitted with a New Water Licence Application. Indicate which SIG(s) are applicable to your application.

☐ Hydrostatic Testing

	☐ Tannery ☐ Tourist / Remote Camp ☐ Landfarm & On-Site Storage of Hydrocarbon Contaminated Soil ☐ Onshore Oil and Gas Exploration Drilling ☐ Mineral Exploration / Remote Camp ☐ Advanced Exploration ☐ Mine Development ☐ Municipal ☒ General Water Works ☐ Power
12.	WATER USE - Check the appropriate box(s) to indicate the type(s) of water use(s) being applied for. ☐ To obtain water for camp/ municipal purposes ☐ To obtain water for industrial purposes ☐ To cross a watercourse ☐ To alter the flow of, or store water ☐ Other: _____ ☒ To divert a watercourse ☐ To modify the bed or bank of a watercourse ☐ Flood control
13.	QUANTITY AND QUALITY OF WATER INVOLVED - For each type of water use indicated in Block 12, provide the source of water, the quality of the water source and available capacity, the estimated quantity to be used in cubic meters per day, method of extraction, as well as the quantities and qualities of water to be returned to source. Name of water source(s) (show location(s) on map): watercourse are unnamed drainage ditches (culverts) along the shoreline of the SCH (see Figure 2-1 in support letter) Describe the quality of the water source(s) and the available capacity: N/A Provide the overall estimated quantity of water to be used: 0 m³/day Provide the estimated quantity(s) of water to be used from each source: N/A Indicate the estimated quantities to be used for each purpose (camp, drilling, etc.) N/A Describe the method of extraction(s): N/A Estimated quantity(s) of water returned to source(s) N/A m³/day Describe the quality of water(s) returned to source(s) untouched
14.	WASTE – Check the appropriate box(s) to indicate the types of waste(s) generated and deposited. ☐ Sewage ☐ Solid Waste ☐ Hazardous ☐ Bulky Items/Scrap Metal ☐ Animal Waste ☒ Other (describe): no wastewater generated ☐ Waste oil ☐ Greywater ☐ Sludges ☐ Contaminated soil and/or water
15.	QUANTITY AND QUALITY OF WASTE INVOLVED – For each type of waste indicated in Block 14, describe its composition, quantity in cubic meters/day, method of treatment and method of disposal.

Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
N/A	N/A	N/A	N/A	N/A

16. OTHER AUTHORIZATIONS – In addition to the sub-surface and surface land use authorizations provided in Block 6, indicate any other authorizations required in relation to the proposed undertaking. For each provide the following: [Refer to table 2-1 in supporting letter](#)

Authorization: _____

Administering Agency: _____

Project Activity: _____

Date (expected date) of issuance: _____ Date of expiry: _____

17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES - Describe direct, indirect, and cumulative impacts related to water and waste.

[There are no environmental impacts expected for the diversion of drainage ditches. Changes to water quality or flow are not anticipated as water will only be redirected elsewhere. See Section 3.3 of supporting letter.](#)

18. WATER RIGHTS OF EXISTING AND OTHER USERS OF WATER

Provide the names, addresses and nature of use for any known persons or properties that may be adversely affected by the proposed undertaking, including those that hold licences for water use in precedent to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature.

Advise the Board if compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users.

[N/A – No adverse effects anticipated by these proposed works.](#)

19. INUIT WATER RIGHTS

Advise the Board of any substantial affect of the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL), and advise the Board if negotiations have commenced or an agreement to pay compensation for any loss or damage has been reached with one or more Designated Inuit Organization (DIO).

N/A – No adverse effects anticipated by these proposed works.	
20.	CONSULTATION – Provide a summary of any consultation meetings including when the meetings were held, where and with whom. Include a list of concerns expressed and measures to address concerns. See Section 3.2 of supporting letter for summary of consultations that have been ongoing since the feasibility stage of the Project.
21.	SECURITY INFORMATION Provide an estimate of the total financial security for final reclamation equal to the total outstanding reclamation liability for land and water combined sufficient to cover the highest liability over the life of the undertaking. <u>Estimates of reclamation costs must be based on the cost of having the necessary reclamation work done by a third party contractor if the operator defaults.</u> The estimate must also include contingency factors appropriate to the particular work to be undertaken. Where applicable, the financial security assessment should be prepared in a manner consistent with the principals respecting mine site reclamation and implementation found in the <i>Mine Site Reclamation Policy for Nunavut</i>, Indian and Northern Affairs Canada, 2002. Not Applicable for federal government proponents.
22.	FINANCIAL INFORMATION Provide a statement of financial responsibility. If the applicant is a business entity, provide a list of the officers of the company. If the applicant is a business entity attach a copy of the Certificate of Incorporation or evidence of registration of the company name. Not Applicable for federal government proponents.
23.	STUDIES UNDERTAKEN TO DATE - List and attach copies of studies, reports, research, etc. Environmental Socio-Economic Baseline (ESEB) report summarizes marine, terrestrial and geotechnical investigations undertaken between 2019-2021. See NIRB registry for full ESEB report.
24.	PROPOSED TIME SCHEDULE – Indicate the proposed start and completion dates for each applicable phase of development (construction, operation, closure, and post closure). <u>Construction</u> Proposed Start Date: 07/2022 (month/year) Proposed Completion Date: 10/2025 (month/year) <u>Operation</u>

Proposed Start Date: <u>10/2025</u> (month/year) <u>Closure</u> Proposed Start Date: <u>N/A</u> (month/year) <u>Post - Closure</u> Proposed Start Date: <u>N/A</u> (month/year)	Proposed Completion Date: <u>N/A</u> (month/year) Proposed Completion Date: <u>N/A</u> (month/year) Proposed Completion Date: <u>N/A</u> (month/year)
For each applicable phase of development indicate which season(s) activities occur. <u>Construction</u> ☐ Winter ☐ Spring ☒ Summer ☒ Fall ☐ All season <u>Operation</u> ☐ Winter ☐ Spring ☐ Summer ☐ Fall ☒ All season <u>Closure</u> ☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season <u>Post - Closure</u> ☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season	
25. PROPOSED TERM OF LICENCE Number of years (maximum of 25 years): <u>3</u> years Requested Date of Issuance: <u>07/2022</u> (month/year) Requested Expiry Date: <u>10/2025</u> (month/year) (The requested date of issuance must be <u>at least</u> three (3) months from the date of application for a type B water licence and <u>at least</u> one (1) year from the date of application for a type A water licence, to allow for processing of the water licence application. These timeframes are approximate and do not account for the time to complete any pre-licensing land use planning or development impact requirements, time for the applicant to prepare and submit a water licence application in accordance with any project specific guidelines issued by the NWB, or the time for the applicant to respond to requests for additional information. See the NWB's <u>Guide 5: Processing Water Licence Applications</u> for more information)	
26. ANNUAL REPORTING – If not using the NWB's <u>Standardized Form for Annual Reporting</u>, provide details regarding the content of annual reports and a proposed outline or template of the annual report. <u>Annual reports will be submitted to NWB (before March 31) using NWB's standardized form.</u>	

27. CHECKLIST – The following must be included with the application for the water licensing process to begin.

Written confirmation from the NPC confirming that NPC's requirements regarding land use plan conformity have been addressed.

☒ Yes ☐ No If no, date expected _____

Written confirmation from the NIRB confirming that NIRB's requirements regarding development impact assessment have been addressed.

☒ Yes ☐ No If no, date expected _____

Completed General Water Licence Application form.

☒ Yes ☐ No If no, date expected _____

Information addressing Supplemental Information Guideline (SIG) , where applicable (see Block 11)

☒ Yes ☐ No If no, date expected _____

English Summary of Application.

☒ Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Application.

☒ Yes ☐ No If no, date expected _____

Application Fee of \$30.00 CDN (Payee Receiver General for Canada).

☒ Yes

☐ No

If no, date expected _____

Water Use Fee Deposit of \$30.00 CDN (Payee Receiver General for Canada). The actual water use fee will be calculated by the NWB based upon the amount of water authorized for use in accordance with the Regulations at the time of issuance of the licence.

☒ Yes

☐ No

If no, date expected _____

28. SIGNATURE

Eleanor McEwan

**Senior Project
Engineer**

Name (Print)

Title (Print)

Signature

Date

