Executive Summary of the Hamlet of Resolute Bay Water Licence # 3BM-RUT 1520. The Hamlet of Resolute Bay is located on the south coast of Cornwallis Island on the Perry Channel at 74043'01N and 94058'10"W. The current population of the town is 279 (2019). During summer, the town population is increased to about 800 due the presence of the Military. There are (3) three water licenses in the community. The Government of Nunavut Community and Government Services (GN-CGS) is the licensee of the Utilidor system and the Water Licence number is 3BM-RUT 1520. This licence was issued on March 30, 2015 and this will expire on March 29, 2020. Char Lake is the approved water source in the Community. A hydrology study conducted by exp Services Inc. shows that there was sufficient stored volume between the extreme of ice thickness and the raw water intake to support two (2) successive years of extreme high demand like 300,000 cubic meters annually combined with extreme low precipitation (78.2 mm total) just prior to the replacement period of the buried pipes. The pump station has a meter to record the annual extraction volume from the Lake. The total extraction volume in 2018 was 156,062 cubic meters. The Airport facilities shared 5,000 cubic meters annually. Water Truck is the only mode of distribution system for the Airport facilities. Sewage is also collected by sewage trucks from house to house and dumped into a sewage lagoon which is operated under a different water licence. The Utilidor system consists of a pump station at Char Lake, intake pipe, water treatment plant at Signal hill, water distribution and sewer lines, fire hydrants, access yaults and a macerator unit. The Utilidor system was built in 1970's without a wastewater treatment plant. In 2016, the entire buried utilities were replaced and also expanded. In 2020, the construction of the pump station at Char Lake and is the existing water treatment plant at Signal Hill is scheduled to be completed. The sewage effluent via wastewater pipes is diluted before entering into the sea. The effluent discharge occurs just above the low tide mark. The effluent is discharged continually into the ocean at high tide and on land at low tide. Following the condition in part C, item 4 of the existing water licence; a site specific study for the determination of Fecal Coliform limit for sewage disposal facility was determined and has been submitted to the Water Board. A consultant is hired to conduct a site selection study to build a new mechanical wastewater treatment plant. The design concept was initiated and needs to be revised and upgraded. The new plant is anticipated to be built and commissioned in 2024. This plant will also receive truck sewage coming from the Airport facilities. The airport sewage lagoon will be decommissioned soon after the new Mechanical wastewater treatment plant is commissioned. A consultant is engaged for replacing the Char Lake existing Pump station, Signal Hill Water Treatment plant upgradation and also building a new mechanical wastewater treatment plant to improve the overall water distribution system; wastewater collection and Treatment process to bring the Utilidor water licence into full compliance. The entire Utilidor system operation was contracted out to the Contractor ATCO and they day to day run and monitor these facilities. The summer samplings are taken and get tested by the Ottawa based Accredited Caduceon Lab. The annual report is submitted on time. The O&M manuals will be submitted to the Water Board soon after the constructions of the all three structures are completed. The daily water extraction volume exceeds 300 cubic meters/day and also exceeds the annual extraction volume 60,000 cubic meters. 2018 Annual Report identifies that Resolute Bay consumed 152,062 cubic meters, therefore, a ten years term for renewal of the Type A licence is recommended with 160,000 cubic meters of usage. The time period of ten years is expected to provide a realistic opportunity for the licensee to meet the long term requirements of the Licence and establish a consistent compliance record.

ቴ⊳≀Δ਼⊂⊃Γ 279 (2019). ⊲⊳ᢣ⊳ᠵᡩ∿ι, ᠴᡆᠸᡃᠬ ᢐᢣᠨ⊳ᢏᡥᠬᠬ ⊳ᠴᡥ᠈ᢉ⊲ᠨᡤ Δι•ᡆ≺ᠴ᠍᠈ 800 Λᢩᠬᢖ᠘ᠸ᠘ᡆᢝᠾᠲᡣᢗᡤᢐᡥᠬ ᠫᡆᢗᡥ᠋᠋ᡐ\ᢣ^ᡕ. ᠰ᠋ᡫᠨᠯᢐ ᠘᠋ᠲ᠈᠘ᡶ᠋ᠲ ᠘ᡶ᠋ᠲ ᠘ᢞᠬ᠋ᠫᡥᢧ᠋ᠬᠳᡥᠫᡥᢧᡆᡄ᠋ᠲ᠋᠘ᢣ᠘ᡛ᠘ᡑᡆᢁᡆ᠆ᡨᠦ᠘ᢞᢉᠲᢡᡗᡥᡥᡗᢥᡥᡤ ለተፈ⊳በቴኖበናበት⊳ተ ልLቴ⊳በቴናልኄታ ልLኄታ ለተፈ⊳በኄር ፈ∖⊳ር 3BM-RUT 1520. ር-ፈ ለተፈ⊳በ bተ/በር⊳-ጋታ Lና/ Λ 600^{-1} ነገር ላናስነጋና የእንተናፈችጋች (78.2 ΓሬΓር 60^{-1} ር) በየኦበሞተበት አላየነትችርኦ የልትኒግር ላናጎፓ አንተራና ተታጋተዮ የ ᠮᡃ᠋᠘ᡤᡭᢀ᠂᠌᠌ᠪᢀᠫᢑ᠐ᡙᢡ᠋᠉᠅᠒᠒ᡩ᠉᠘ᠳ᠘ᡩ᠋᠘ᢗ᠘᠄ᡬᢣᡥᢗᠵ᠗ᡥ᠘ᢗ᠂ᡏ᠘ᡠᢝᡳᠻ᠊ᢗ᠘ᢞᠮ. ᡰ᠐ᡩ᠋᠌ᠵᠬ᠄ᡬᢣᡥᢗᠵ᠙ᠻ᠘ᠮ᠘ᡠᢝᡳᢄ 2018᠆ᠮ 156,062 የ<<ሲነጋና ቮርና. ୮ኛል°୮ Δነጔ°Րና ለቴር⊳ኛልቴናኒጋበነ 5,000 የ<<ሲነጋና ቮርና ላናናJርቪና. ΔΓ∜ር∜በ ውፈረ⊳በ $\Delta^2\Delta^2\Delta^2\Delta^4$ $\Delta^4\Delta^4$ $\Delta^4\Delta^4$ $\Delta^4\Delta^4$ $\Delta^4\Delta^4$ $\Delta^4\Delta^4$ $\Delta^4\Delta^4$ $\Delta^4\Delta^4$ $\Delta^4\Delta^4$ $\Delta^4\Delta^4$ $\Delta^4\Delta^4$ 2016−Γ, ℂLናዮ ላ⊳ፖLቲና ላጋኈ⊂⊳ነፈ∩ና ላለንትኈ⊂⊳∸ጋ∩ኑ ላ∿Րኮ−∩⊂⊳Րላናጋ∩ь⊐. 2020−Γ, ላፈታ⊳Ժቴላ∿ Γ∸⊐ላናልኑ ላጐቭኒፕላՐ ዺዜ ለርቴ°ጋ° ΔLናበ⊲ዺ፦ኦናልኑ >ለግኒላካት ፞፞ጜራንለና Δσካኣቴ°በር° ለካሲጐርኦታላኄታ. የቂጔኑ ፅልፈኈ ΔLናበ⊲ዺኦግናጋና ۲-۵-۴ ۵۱-۱۳ ۵۱-

ᡃᢐ᠋ᢣᢣᠵ᠘᠆ᢐ᠐ᢖ᠈ᢕ᠘᠆᠘᠘᠆ᡎ᠘ᡷ᠘᠆ᡎ᠘᠘᠆ᡎ᠘ᡷ᠙᠘ᠳ᠘᠘ᡧ᠘ᡧ᠘᠘ᢣ᠘ᡧ᠘᠘ᢣ᠘᠘ᢣ᠘᠘ᢣ᠘᠘᠘᠘᠘᠘ᡧ᠘ᢖ '₽Γʹ?ᆉ▷ᡃᢐ᠂ᠣᠬᢦᠬᢐᡝᡓᠣᠴ᠘ᡤᡶᠬ᠘ᡥᢗᠺᠫᠴᠣ᠋᠘ᡤᢐ᠘ᠮᡥᢗᡤᢐ᠈᠘ᡆᢥᢗᠺᢞ᠘ᡮᠫ᠘ᠣ᠕ᢣᡎᡥᢗᠺᠫᠴᠣ᠘2024᠆ᠮ᠘ᡤᢐ᠘ ለলሲ^ተልኑ ለσፈ'Γ_τ ውፈነውበቦ ፈቴ՝Сው'Γ Γ^{*}ልጐσ^ቊኒ ነጋσ. Γ^{*}ልጐΓ የፈጔኄናልኑ ለታሲ ነርሥ ነውና σፈነጋን ውር ነ ልLናበবዺ፦)ናል৽ ለታሲ የር⊳∟⊳ ነበናചЈ. ቴ⊳ዖፈሥበ ል∟⊳ ቴር⊳በር የፈሃንና ጋЈ ব የ ቪ ና የ ና ച ላናል ኒ, >/ ጊኒ ተ ቴ ሎር የለና ΔL°N4ペー>PN°L ዾር፟ህሲላ°CPዾታ ላ፟L°CP° ላልታ° ዾር፞Γ° ኣልተርሲ°ል፥ ΔLናበላ«-P′ል°Γ ለD/የላለ בל'D\ ይርነው ነል ይርነው $\mathsf{CL}\Delta^\mathsf{L}\sigma^\mathsf{L}\mathsf{L}\mathsf{L}\sigma^\mathsf{L}\mathsf{L}\mathcal{L}\mathsf{L}\sigma^\mathsf{L}\mathcal{L}\mathsf{L}\sigma^\mathsf{L}\mathcal{L}\mathsf{L}\sigma^\mathsf{L}\mathcal{L}\mathsf{L}\sigma^\mathsf{L}\mathcal{L}\mathsf{L}\sigma^\mathsf{L}\sigma^\mathsf{L}\mathcal{L}\sigma^\mathsf{L}\sigma^$ ᠕ᠵᡳ᠘ᠲᡥᠬᡗᠵ᠘ᡩ᠂ᡠᠯ᠙ᢂᠵᢗᡶᡃ᠘ᢝᡗᠻᠺᡤᡳᠫᠣᡟᡮ᠈ᠮᡐᢣ᠘ᡱᡆᢉᢖᠬᡃ᠘ᡠ᠕ᠵᡳᡭ᠖ᠻ.ᢂᠫᢣᡟᡠᠻ᠂ᢐᡐᢣᡳᠫᡣᡳ᠕ᢣᡐ᠘ᢇ᠘ᡥ √ግና የተመሰመው የሚኒስ ነው የተመሰመው የሚኒስ ነው የ $C\Delta L\Delta'b = A'h' = 1$, $A'\dot{a} = A'b = A'b$ $\forall \forall \gamma \in \forall \beta \in \forall$