

November 17, 2016

Justin Hack Water Resource Officer Indigenous and Northern Affairs Canada

RE: Cape Dorset Wastewater Treatment Schedule

Dear Mr. Hack:

As indicated in your email dated October 7, 2016, Community and Government Services (CGS) is required to provide a more detailed schedule to address wastewater treatment in Cape Dorset.

Through a careful review of past documents and reports, CGS has determined that a Feasibility Study is required to review all potential options for wastewater treatment in Cape Dorset. CGS believes that it is prudent to complete this feasibility study to ensure the most appropriate, cost effective and Hamlet receptive wastewater treatment facility is provided to the Hamlet of Cape Dorset. As part of this study, CGS will review options to alleviate the stress on the current lagoon as it is over capacity; at minimum CGS will develop and provide an Operations and Maintenance Manual to the Hamlet of Cape Dorset for the current lagoon to help mitigate any future breaches. It is expected this step will commence in January 2017 and finish in June 2017.

In 2012, Transport Canada developed Airport Zoning Regulations (AZR) for Cape Dorset which restricts use of lands for activities or uses that attract wildlife within a 4km radius of the centre point of the runway. As a result of the AZR's, Transport Canada must provide exemption prior to constructing and commissioning any waste facility. As part of the submission to Transport Canada, a legal survey is required to identify the location of the facility. It is expected that the legal survey will be completed during the summer of 2017. The Transport Canada exemption process requires approximately six to nine months to receive approval and therefore it is expected this step will be completed in May 2018.

Once Transport Canada provides approval to proceed, the design and regulatory approval stage will begin. A Request for Proposals will be developed to contract the most appropriate consulting firm to complete the design and aid with obtaining all regulatory approvals. It is expected this step will be completed in April 2019.

A tender will be prepared at the end of the design phase allowing the project to be tendered from May 2019 to July 2019 (this includes the tender period, review of tenders, contract development etc.). Based on a contract award in July 2019, it would be difficult for the contractor to source



and ship materials and equipment during the summer of 2019. Construction would then be scheduled to start during the summer of 2020 and be completed in 2021.

It is expected this project will be completed in December 2021, approximately five years from the start date. CGS will ensure to continuously review the schedule and if the project time line can be shortened, CGS will strive to complete the project early.

Table 1 below, provides the list of tasks and estimated start and completion dates to provide an overview of the anticipated timeline for this project.

Table 1 – Schedule

Task	Estimated Start Date	Estimated Completion Date
Feasibility Study	January 2017	June 2017
Topographical and Legal Survey	July 2017	September 2017
Transport Canada Approval	September 2017	May 2018
Request for Proposal Design	May 2018	July 2018
Design & Regulatory Approvals	August 2018	April 2019
Construction Tender	May 2019	July 2019
Construction	July 2020	December 2021



CGS will continue to provide updates to Indigenous and Northern Affairs Canada on the status of the schedule. This will allow CGS to demonstrate the commitment to move forward and help manage wastewater in a safe and practical manner in the Hamlet of Cape Dorset.

Please call to discuss if you have any questions or concerns relating to this project. I can be reached at tim.brown@gov.nu.ca or by phone at 867-975-5463.

Sincerely,

Tim Brown

Director of Community Infrastructure Community and Government Services

cc. Ed Devereaux, Senior Administrative Officer, Hamlet of Cape Dorset; Michele Harvard-Leblanc, Environmental Health Specialist, Department of Health