



REGIONAL DISTRICT OF BULKLEY-NECHAKO
SUPPLEMENTARY AGENDA
Thursday, May 21, 2020

PAGE NO.

ENVIRONMENTAL SERVICES REPORT

ACTION

2-3

Alex Eriksen, Director of Environmental Services – Solid Waste Inventory and Feasibility Plan

Recommendation

NEW BUSINESS

ADJOURNMENT



REGIONAL DISTRICT OF BULKLEY-NECHAKO

MEMORANDUM

To: Chairperson Thiessen and Board of Directors

From: Alex Eriksen, Director of Environmental Services

Date: May 21, 2020

Subject: Solid Waste Inventory and Feasibility Plan

RECOMMENDATION:

1. That the Board re-allocate funds from the Northern Capital Planning Grant (NCPG) towards a region-wide Solid Waste Inventory and Feasibility Plan.

BACKGROUND INFORMATION:

After losing the cardboard receiving facility in Smithers in May 2019, a recycling solution for Industrial, Commercial and Institutional (ICI) waste was needed for the area. On December 12, 2019 the Board approved the allocation of \$75,000 from Area A's NCPG allotment towards a Solid Waste Inventory and Feasibility Plan for Area A. The plan will determine the availability of waste material or 'feedstock' for use towards the production of marketable products and the volumes required to create a sustainable business plan for private business. In addition to a feasible business option, the data can also be used to support the development of RDBN recycling programs for ICI. The main objective of this plan will be to encourage private business to invest in waste-based projects, providing them with assessable information relevant to their goals.

The Plan is proposed to be broken down into proposed phases, only to carry on to the next phase when there is a need. The RDBN would take a leading role in Phases 1 and 2, and a supportive role in Phases 3 and 4.

Phase 1: Inventory - Assessment of available feedstock and its location in Area 'A'

Phase 2: Explore potential (Waste Based) projects and the volumes needed to allow for a sustainable business (Feasibility Plan(s)). The original focus was Area 'A' ICI cardboard and the potential need to acquire more material from other areas/regions

Phase 3: Creating a Business Plan

Phase 4: Implementation and logistics

Staff is proposing to complete Phase 1 and 2 in 2020. RDBN staff recommend that it would be valuable to extend this assessment study across the entire Regional District. Each of the six (6) waste sheds (each municipality(s) and surrounding service areas) in the RDBN is unique, but all face similar issues when it comes to diverting recyclable material from our landfills. A region wide



study would provide staff with the necessary data on feedstock quantities and availability within each waste shed to meaningfully explore solutions for the broader issue of ICI recycling.

FINANCIAL IMPLICATIONS:

Staff have received a preliminary quote for approximately \$25,000 for a region-wide Solid Waste Inventory (Phase 1).

Staff is recommending that the Board re-allocate funding from 2019 and/or allocate new funding from 2020 NCPG funds that are equally shared across the region for Phase 1 and 2 of the project. Phase 2 of the project has not been fully costed at this time as it can be undertaken in a variety of methods. During the new 2020 NCPG allocation discussions, a final financial breakdown will be provided to recommend how equal funding for this project will be broken down.