



REPORT

To: Solid Waste Committee

Report Number: ENV-SWC-029

From: Gerritt Lacey, Solid Waste Manager

Date: January 7, 2021

Subject: **2021 Solid Waste Carry Forward Projects**

RECOMMENDATION:

That the Solid Waste Committee receive the report titled "2021 Solid Waste Carry Forward Projects-ENV-SWC-029," which details outstanding projects from 2020 whose completion dates will extend to 2021, for information.

BACKGROUND/RATIONALE:

Staff wanted to take the opportunity to update the Solid Waste Committee (SWC) on the status of the operational and capital projects that will be carried forward into 2021.

Staff is working with the contractors involved in each of the projects to extend the current contract dates (where required) to reflect the new completion dates. None of the projects that are being carried forward into 2021 have additional costs due the new completion date for the project.

A brief summary of each project is provided below:

Operational Carry Forward Projects

Regional Solid Waste Management Plan Review

This project was initiated in 2019 and will provide a new Regional Solid Waste Management Plan (RSWMP) that will guide the direction that the Peace River Regional District manages waste for the next 10 years. Initially the project was planned to be completed in 2020; however, due to delays in the finalization of the draft RSWMP, two remaining steps are outstanding: public consultation and the finalization of the RSWMP to be submitted for Ministry approval.

The new tentative date for completion will be July of 2021.

Design, Operating and Closure Plans Updates for the Bessborough and Chetwynd Landfills

Design, Operating, and Closure Plans (DOCPs) are required by the Ministry of Environment and Climate Control Strategy (MoECCS), to be updated every 5 years under the landfill's operating permit. In 2020, DOCP updates were undertaken for the Bessborough and Chetwynd Landfills. The project was initiated in May of 2020 and was intended to be finished by December 31, 2020. The project took longer than anticipated as a portion of airspace at the Chetwynd Landfill was included in the DOCP and required some third party assistance and correspondence with the MoECCS.

The new completion date is February of 2021.

Closed Landfill Closure Reports

Landfill Closure reports are being constructed to satisfy the goal of updating and abandoning any outstanding “active” permits attached to closed landfills throughout the Province. 13 closed landfills in the PRRD fall into this category, as detailed in the April 2, 2020, Solid Waste Committee report (link provided at the end of this report). The project is not yet complete, but the draft reports have been reviewed and staff is awaiting the finalized versions.

The new completion date is February of 2021.

Capital Carry Forward Projects**2019 Bessborough Landfill – Phase 3A & Storm Pond Construction, Phase 1A & 2 Closure**

The project is complete, no contract extension is required as carry forward dollars are for the 1 year maintenance period which ends June of 2021.

2019 Chetwynd Landfill – Phase B Closure

The project is complete, no contract extension is required as carry forward dollars are for 2019 construction costs that have not been paid when the original contractor defaulted the contract.

2020 North Peace Regional Landfill – Phase 2 Stage 2 Landfill Gas Expansion

The project is complete, no contract extension is required as carry forward dollars are for the holdback and 1 year maintenance period which ends December of 2021.

2020 Bessborough Landfill – Phase 3B & Leachate Control Construction, Phase 1B Closure

Installation of leachate pond infrastructure, electrical kiosk, BC Hydro power upgrades and a portion of the civil works have yet to be done. As a result, the project is approximately 70% complete, with total completion anticipated in August 2021.

2020 Bulky Waste Tipping Rails (Cecil Lake, Rose Prairie, and Kelly Lake Transfer Stations)

The project is complete, no contract extension is required as carry forward dollars are for the maintenance period which ends December 2021.

2020 Chetwynd Landfill – Scale Replacement - Design

The geotechnical evaluation has been completed and the proposed layout has been determined. The consultant is working on finalizing the design and preparing the tender documents. The project is approximately 60% complete, anticipated completion date is January 2021.

ALTERNATIVE OPTIONS:

1. That the Solid Waste Committee provide further direction.

STRATEGIC PLAN RELEVANCE:

- ☒ Not Applicable to Strategic Plan.

FINANCIAL CONSIDERATION(S):

Operational Carry Forward Projects

Project	2020 Budget	2021 Carry Forward
RSWMP Review	\$100,000	\$27,541
DOCP updates for the BBLF and CHLF	\$99,781	\$17,971
Closed Landfill Closure Reports	\$118,289	\$35,551
TOTALS	\$318,070	\$81,063

Capital Carry Forward Projects

Project	2020 Budget	2021 Carry Forward
2019 BBLF – Phase 3A & Storm pond Construction, Phase 1A & 2 Closure	\$641,000	\$62,000
2019 CHLF – Phase B Closure	\$1,479,000	\$442,000
2020 NPRLF - Phase 2 Stage 2 LFG Expansion	\$220,000	\$42,000
2020 BBLF – Phase 3B & Leachate System Construction, Phase 1B Closure	\$2,836,722	\$1,591,000
2020 Bulky Waste Tipping Rails (CLTS,RPTS,KLTS)	\$470,000	\$21,000
2020 CHLF – Scale Replacement - Design	\$250,000	\$35,000
TOTALS	\$5,896,722	\$2,193,000

COMMUNICATIONS CONSIDERATION(S):

N/A

OTHER CONSIDERATION(S):

N/A

External Links:

1. [RFP Award 04-2020 PRRD Closed Landfill Closure Reports \(Apr. 2, 2020 SWC\)](#)