



# REPORT

To: Solid Waste Committee

Report Number: ENV-SWC-068

From: Gerritt Lacey, Solid Waste Manager

Date: December 3, 2021

Subject: **2022 Solid Waste Carry Forward Projects**

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## **RECOMMENDATION:**

That the Solid Waste Committee receive the report titled “2022 Solid Waste Carry Forward Projects ENV-SWC-068”, which details outstanding projects from 2021 whose completion dates will extend to 2022, 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 in 2022. A brief summary of each project is provided below:

### **Capital Carry Forward Projects**

#### **2019 Chetwynd Landfill (CHLF) – Phase B Closure**

The project was completed in 2020; no contract extensions are required. The carry forward dollars are reserved for the 2019 construction costs that have not been paid due to contractor default on the contract. These funds have been carried forward since 2019 and will be paid through our legal counsel.

#### **2020 Bessborough Landfill (BBLF) – Phase 3B & Leachate Control Construction, Phase 1B Closure**

The majority of the construction was completed in 2021. However, issues with supply chains caused some items to be delayed to 2022. As a result, the project is approximately 98% complete, with total completion anticipated in June of 2022.

#### **2021 North Peace Regional Landfill (NPRLF) - Phase 1 Closure**

The contractor will have the cover system design completed by the end of 2021. The carry forward dollars are budgeted to complete the tender package build in January of 2022 as scheduled. Additional monies will be required in 2022 for construction and Quality Assurance, and Quality Control; the additional monies will come through a 2022 supplemental for consideration.

#### **2021 Bulky Pit Closure**

The bulky pits located at the Cecil Lake, Kelly Lake, and Rose Prairie closed landfills were filled with clay and closed off in 2021. Due to budget limitations and the pricing received during the tendering process in 2021, the sites have yet to be top soiled and seeded. The contractor has held their prices for 2022 to complete the work; the additional monies needed for the project will be brought forward as a supplemental item. This contract does not need to be extended as the original term was for one year, beginning August 16, 2021.

**2021 Chetwynd Scale Replacement**

The Design Operating and Closure Plan (DOCP) was finalized this year (2021), and the remaining 7 years of service life has been extended by an additional 5 years. As of 2021, the Chetwynd landfill has 12 years of airspace remaining due to operational adjustments, and this has been included in the fill plan section of the DOCP. Staff is considering options for the Chetwynd Landfill and the feasibility of replacing the current scale. A report will be brought forward to a future SWC meeting to consider the next steps. The funds requisitioned in 2021 for the scale replacement will remain in the Solid Waste Capital Reserve and can be utilized in the future to offset the site's capital costs.

In 2021, the Solid Waste Department was able to finish all the operational projects within the year, which included:

1. The Regional Solid Waste Management Plan renewal;
2. Updated Design Operating and Closure Plans for all three active landfills;
3. Closed Landfill Closure Reports for 13 closed landfills;
4. Concrete crushing at North Peace Regional Landfill;
5. Construction of the composting pad at the Bessborough Landfill;
6. Gravel repairs at Dawson Creek Transfer Station;
7. Remediation work at 10 Closed Landfill sites;
8. Built After Hour Access pilot; and,
9. Relevelled the attendant shack decking at Prespatou Transfer Station.

**ALTERNATIVE OPTIONS:**

1. That the Solid Waste Committee provide further direction.

**STRATEGIC PLAN RELEVANCE:**

☒ Not Applicable to Strategic Plan

**FINANCIAL CONSIDERATION(S):****Table 1. Capital Carry Forward**

Project	2021 Budget	2021 Spend	2022 Carry Forward
<b>2019 CHLF – Phase B Closure</b>	\$442,000	\$0	\$442,000
<b>2020 BBLF – Phase 3B &amp; Leachate Construction, Phase 1B Closure</b>	\$1,591,000	\$1,360,010	\$230,990
<b>2021 NPRLF – Phase 1 Closure</b>	\$70,000	\$35,000	\$35,000
<b>2021 Bulky Pit Closure</b>	\$155,000	\$141,048	\$13,952

The value of work to be completed in 2022 for the BBLF – Phase 3B & Leachate Construction, Phase 1B Closure project is \$328,285. This leaves the projected 2022 Carry Forward funds in the table above \$97,295 short. In 2020, at the time of the construction award, the original estimated budget value for the project was \$2,836,722, however the project bid came in at \$2,961,628 (\$124,906 over budget). In 2020, the capital budget had an overall surplus of \$203,502, allowing the overall capital budget to absorb the addition cost of the project, with \$78,596 surplus remaining, and so the contract was awarded at a cost of \$2,961,628. Through the 2021 budgeting process, the original budgeted value of the contract (\$2,836,722) was used instead of the actual bid price of \$2,961,628. This is a difference of

\$124,906. The additional \$124,906 is still in the Capital Reserve and will be reallocated to the project for the 2022 budget. This will bring the total funds available for the project to \$355,896 for the project's completion.

**COMMUNICATIONS CONSIDERATION(S):**

None at this time.

**OTHER CONSIDERATION(S):**

External Links

1. [Award 27-2020 Bessborough Landfill Leachate and Landfill Works, ENV-SWC-005](#)
2. [2021 Solid Waste Carry Forward Projects, ENV-SWC-029](#)