



REPORT

To: Chair and Directors

Report Number: ENV-BRD-180

From: Solid Waste Committee

Date: April 18, 2024

Subject: Solid Waste Committee – Recommendations from Meeting held on April 5, 2024

The following recommendations from the Solid Waste Committee meeting held on April 5, 2024 are presented to the Regional Board for consideration:

RECOMMENDATION #1: *[Corporate Unweighted]*

That the Regional Board develop an “Illegal Dumping Policy” to inform decision making objectives around re-occurring illegal dumping at Peace River Regional District solid waste sites.

RECOMMENDATION #2: *[Corporate Weighted]*

That the Regional Board enter into a partnership with Interchange Recycling to offer residential waste oil and antifreeze collection at the Chetwynd Landfill.

RECOMMENDATION #3: *[Corporate Unweighted]*

That the Regional Board authorize staff to temporarily close the Kelly Lake Transfer Station due to the numerous break-ins, thefts and costs associated to provide staff time to explore options to mitigate ongoing issues at the facility; further, that staff ensures that messaging regarding the closure is provided to the community.

RECOMMENDATION #4: *[Corporate Weighted]*

That the Regional Board increase the total spend of Contract 40-2022 “PRRD Landfill Environmental Monitoring and Reporting” held by Matrix Solutions Inc. from the original value of \$467,985.75 to a new value of \$547,985.75 (excluding taxes) to accommodate the replacement and installation of monitoring wells at the Dawson Creek and Taylor Closed Landfills.

RECOMMENDATION #5: *[Corporate Unweighted]*

That the Regional Board share the report titled “Chetwynd Landfill Replacement Project Update, ENV-SWC-156” including the attached report titled “New Landfill Feasibility – Site Selection – Landfill Siting Memo” and “New Landfill Feasibility – Chetwynd Area Stage 1: Site Selection – Site Reconnaissance” with the following government agencies and neighbouring communities:

- District of Chetwynd,
- BC Ministry of Environment and Climate Change Strategy,
- Blueberry River First Nations,
- Doig River First Nation,
- Halfway River First Nation,
- Kwadacha Nation,

- McLeod Lake Indian Band,
- Saulteau First Nations,
- Tsay Keh Dene Band,
- West Moberly First Nations,
- Lheidli T'enneh First Nation,
- Horse Lake First Nation,
- Simpcw First Nation,
- Secwepemc LOC,
- Dene Tha First Nation,
- Prophet River First Nation,
- Ross River Dena Council,
- Kaska Dena Council,
- Liard First Nation,
- Carrier Sekani Tribal Council,
- Gitxsan Hereditary Chiefs,
- Takla Nation,
- Binche Whut'en,
- Tahltan Central Government, and
- Nak'azdli Band.

RECOMMENDATION #6: [Corporate Weighted]

That the Regional Board award Request for Proposal 23-2024 “Hudson’s Hope Transfer Station Operations” to Secure Energy for a 41-month term ending October 31, 2027 at a total cost of \$917,760 (excluding taxes); further that the Chair and Chief Administrative Officer be authorized to sign the agreement on behalf of the Peace River Regional District.

BACKGROUND/RATIONALE:

The draft minutes of the Solid Waste Committee meeting held on April 5, 2024 are provided on the Consent Calendar of this meeting agenda.

Recommendation #1 Illegal Dumping Policy.

Please [click here](#) to access the Committee Agenda, please see Item 9.1 to review the report.

Recommendation #2 Partnership with Interchange Recycling.

Please [click here](#) to access the Committee Agenda, please see Item 9.3 to review the report.

Recommendation #3 Kelly Lake Transfer Station.

Please [click here](#) to access the Committee Agenda, please see Item 9.4 to review the report.

Recommendation #4 Landfill Environmental Monitoring and Report Contract – cost increase.

Please [click here](#) to access the Committee Agenda, please see Item 9.5 to review the report.

Recommendation #5 Chetwynd Landfill Replacement Project Update.

Please [click here](#) to access the Committee Agenda, please see Item 9.7 to review the report.

Recommendation #6 RFP Award 23-2024 Hudson's Hope Transfer Station Operations.

Please [click here](#) to access the Committee Agenda, please see Item 9.8 to review the report.

ALTERNATIVE OPTIONS:

1. That the Regional Board provide further direction.

STRATEGIC PLAN RELEVANCE:

- ☒ Asset and Infrastructure Management
- ☒ Collaboration and Cooperation with First Nations

FINANCIAL CONSIDERATION(S):**Recommendation #1 Illegal Dumping Policy**

Instances of illegal dumping at unattended transfer stations come at a cost of \$185.00/hour for the hauling contractor to remove items from the site, in 2023 the estimated cost in extra cleanup at unattended transfer stations was \$42,000.

Instances of illegal dumping at attended transfer stations are handled in two ways. At tier 1 stations, most of the items seen in instances of illegal dumping can be taken into the transfer station and disposed of in the correct bin. At tier 2 stations, all waste items, other than household waste, need to be transported to the nearest tier 1 facility or landfill.

Recommendation #2 Interchange Recycling

Interchange Recycling is offering to supply the infrastructure required to collect used oil and antifreeze as part of their grant program. This would include relocating the 20' seacan that was used at the Chetwynd Recycling Depot to the Chetwynd Landfill, after a period of 5 years the PRRD will own the seacan.

Additionally, Interchange Recycling offer incentive rates for collecting material which are:

Used Oil	Used Antifreeze	Used Oil Filters and Metal Oil Containers	Used Oil and Antifreeze Containers
\$0.186 per litre	\$0.420 per litre	\$1.602 per kg	\$2.668 per kg

Recommendation #3 Kelly Lake Transfer Station temporary closure

The eight break-in events that took place between October 2022 and the end of February 2024 cost the PRRD approximately \$15,000 in response and damages, which does not include the cost of the diesel that was taken.

Since preparing the report for the Solid Waste Committee, three additional break-in events occurred on March 26, April 3, and April 4. During the March 26 event only a lock at the gate was cut, no fuel was taken, or additional damage was done. During the April 3 and 4 events however, the gate lock was cut, fencing cut, and approximately 350L of diesel was taken each time. Responding to each break-in event requires the PRRD to dispatch staff to repair damage and re-secure the site. The cost of the three additional break-in events cost approximately \$3,000 in staff time and materials, and an additional \$1,400 in lost diesel, bringing the total damages to the site to \$19,400.

Should the Regional Board elect to temporarily close the Kelly Lake Transfer Station the site will be closed as of April 19, 2024. Staff will prepare options for the Regional Boards consideration to be presented at the May 30, 2024 Regional Board meeting. The station will remain closed until a recommendation is received by the Regional Board regarding the public access to the station.

Recommendation #4 Contract 40-2022 Costing Increase

The current contract value of \$467,985.75 is for the annual monitoring, sampling, laboratory, and reporting costs. When large repairs to infrastructure are required, Matrix provides a work plan for budget consideration and approval within the contract.

As part of the 2024 Budget process \$80,000 has been allocated to the Solid Waste Capital Budget for this project.

Recommendation #5 Chetwynd Landfill Replacement Consultation

The cost of establishing a new Landfill that is ready to accept waste is estimated to cost upwards of \$5,500,000.

Recommendation #6 Hudson's Hope Transfer Station Contract Award

Table 1 below shows the anticipated costs for the next 41-months:

Table 1: Annual Contract Rate

2024	2025	2026	2027
Proposed	Proposed	Proposed	Proposed
\$256,080	\$263,057	\$270,257	\$128,366

The total contract value of \$917,760 represents an increase of 25% compared to the previous contract when comparing attendant services. Additional annual costs are attributed to the inclusion of a 20% contingency, bin rentals and waste hauling of bulky, wood, and metal wastes as a result of the PRRD becoming solely responsible for all material management upon completion of the Tier 1 Upgrade Project.

COMMUNICATIONS CONSIDERATION(S):

Recommendation #1 Illegal Dumping Policy

Staff will continue to educate residents on the proper use of the 24-hour access program through social media post and flyers at the site.

Recommendation #2 Interchange Recycling

Social media and website posts will be created to notify residents of this additional service at the Chetwynd Landfill.

Recommendation #5 Chetwynd Landfill Replacement Consultation

The PRRD is working on developing communications materials to be shared with the public regarding the status of the project and receiving feedback regarding the proposed locations. This includes creating materials such as:

- A Have Your Say Page which allows for posting of project updates and public to submit questions.
- Reports
- Surveys
- Posters/Pamphlets
- Workshops

Recommendation #6 Hudson's Hope Transfer Station Contract Award

PRRD Staff will communicate the change of the Transfer Station Operations contractor with the District of Hudson's Hope staff and provide contact information upon the start of the contract.

OTHER CONSIDERATION(S):

Recommendation #1 Illegal Dumping Policy

Piloting 24-hour access programs at PRRD Solid Waste Sites is in accordance with the Regional Solid Waste Management Plan Strategy 11: Improve accessibility and efficiency of the solid waste network.

Recommendation #6 Hudson's Hope Transfer Station Contract Award

In 2024, the PRRD initiated the Tier 1 Upgrade Project for the transfer station, this includes building tipping rails for collection of wood, metal, and bulky waste items in roll off bins, as well as building a new recycling station and share shed. This project will bring the transfer station in alignment with other Tier 1 transfer stations operated by the PRRD, and once construction is complete, the PRRD will be solely responsible for the management of all materials collected on the site.