













Proposed Reduction & Reuse Strategies

		Priority	
#	Strategy	Short Term (1-5 yrs)	Long Term (6-10+ yrs)
1	Lobby for reduced single-use packaging	√	
2	Promote waste reduction and reuse ideas to residents	√	\checkmark
3	Support repair events		\checkmark
4	Adopt a green procurement policy		√

Implementation costs:

- Small impact on PRRD staffing (70 hrs short term and 150 hrs long term)
- Annual operating cost <\$10,000</p>
- No capital costs







Proposed Recycling Strategies

		Priority	
#	Strategy	Short Term (1-5 yrs)	Long Term (6-10+ yrs)
5	Lobby to influence issues relating to EPR programs	√	
6	Educate residents on recyclables management and costs	√	
7	Research options for recycling agricultural plastics	√	
8	Support ICI sector to divert more recyclables	~	√
9	Improve collection of hazardous wastes and targeted EPR materials	√	√
10	Recycling of construction and demolition waste	√	\checkmark

Implementation costs:

- PRRD staffing: 340 hrs short term and 210 hrs long term
- Annual operating cost: \$2,000 \$100,000 over the 10 yrs
- No capital costs

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Proposed Organics Diversion Strategies						
#	Strategy	Pri Short Term (1-5 yrs)	ority Long Term (6-10+ yrs)			
11 Establish organics pro	cessing capacity in the Region	√				
12 Support curbside colle	ection of compostable organics in member municipalities	√	√			
 PRRD staffing: 180 hrs short term and 30 hrs long term Operating cost: \$100,000 in consulting support in year 2 Capital costs to be determined in feasibility assessments External funding may offset some costs 						
			DH.			





Proposed Energy Recovery Strategies Priority # Strategy Short Term (1-5 Long Term (6-10+ yrs) yrs) 13 Assess suitability of technologies for energy recovery for organics in the Region 1 Assess suitability of technologies for energy recovery for non-recyclable materials and residual 14 √ waste Implementation costs: PRRD staffing: 300 hrs short term Operating cost: \$100,000 - \$200,000 in year 1-4 in consulting support Capital costs to be determined in feasibility assessments 1







Proposed Residual Management Strategies

	Priority			
ı (6-10+	Long Term (6-	Short Term (1-5	Strategy	#
)	yrs)	yrs)		
		√	Review efficiency of the solid waste facility network	15
		√	Improve accessibility to waste management services	16
		√	Close Chetwynd Landfill and establish a transfer station	17
	√	√	Develop an illegal dumping strategy	18
	√	√	Continually review the risks to North Peace Regional Landfill and close if deemed necessary	19
	√		Assess suitability of offering curbside collection in rural areas	20
	√		Develop an emergency debris management plan	21
,	√			

Implementation costs:

- PRRD staffing: 310 hrs short term and 280 hrs long term
- Annual operating cost: \$20,000 \$70,000 in consulting support
- Capital costs: \$3 million for Chetwynd Landfill closure & new transfer station

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Proposed Solid Waste Management Funding Strategies Priority # Strategy Short Term (1-5 Long Term (6-10+ yrs) yrs) 22 Assess cost recovery through tipping fees and taxation 1 23 Incentivize ICI waste diversion by increasing disposal fees 1 24 Harmonize residential rates for disposal \checkmark 1 25 Incentivize residential waste diversion by increasing disposal fees on unsorted waste 1 1 26 Set limit on acceptable recycling cost when other management methods are considered 7 Implementation costs: PRRD staffing: 390 hrs short and long term Operating cost: \$20,000 - \$30,000 for three occasions of consulting support No capital costs

Proposed Solid Waste Management Funding Strategies 8 22A. Assess cost recovery model to implement tipping fees and taxation that fully funds the solid waste management system 24A. Investigate and pilot the waiving of tipping fees for sorted residential waste at transfer stations and landfills. Implement system-wide if deemed feasible and fund disposal via taxation. nent system. 24B Review waste disposal fees paid by First Nation communities in lieu of taxes and adjust to align with PRRD's Regional residential disposal rates. CapEx: \$n/a OpEx: \$20,000* CapEx: \$n/a OpEx: \$30,000* Responsibility: PRRD Responsibility: PRRD Staffing: 100 hrs/yr Staffing: 40 hrs/yr Provide education and enforcement to support bylaw implementation. 23A. Gradually increase ICI disposal fees for sorted waste, unsorted 25A. waste, controlled, and restricted waste and carry out education and outreach program(s) to implement changes and improve waste diversio \$ CapEx: \$n/a CapEx: \$n/a OpEx: \$n/a OpEx: \$n/a Staffing: 100 hrs/yr Responsibility: PRRD Responsibility: PRRD Staffing: 150 hrs/yr P















Next Steps

- Public consultation can be undertaken using a combination of engagement techniques:
 - Initially undertake a mail-out survey and
 - Organize in-person open houses once COVID-19 restrictions are lifted in the Province
- What is the most suitable option for the residents of PRRD?



