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### Agenda

- Project Update
- Plan Context
  - System Overview
  - Guiding Principles, Goals, Targets, and Diversion Potential
- Strategy Review
  - Budget
  - Staffing Requirement
  - Timeline
- Consultation Updates
- Wrap Up



#### **Today's Goals**

- Review process and address questions posed during the industry stakeholder session and follow up
- Review refined strategies as relates to resourcing, financial implications, and schedule for the Plan
- Share and get input on public consultation plan



### **Questions or Comments?**

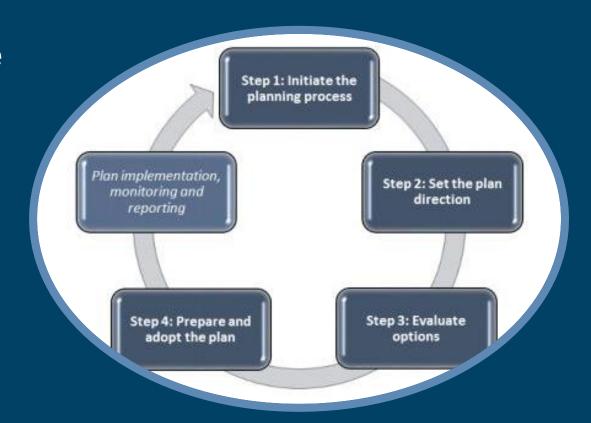


- Questions?
- Comments?
- Clarifications?
- Corrections?



## **Project Update**

Re-Cap of Process





#### Solid Waste Management Plan

- All regional districts in BC are required to have Solid Waste Management Plans
- The Plan is comprehensive for the next 10 years, with vision for next 20-30 years

Includes all material streams and aspects of solid waste

management:

- Collection
- Recycling and Composting
- Waste Reduction
- Disposal
- Financing
- Education

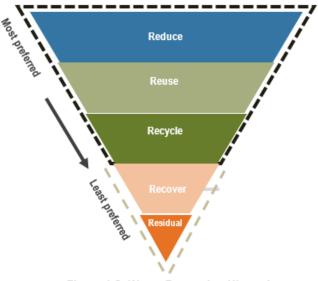
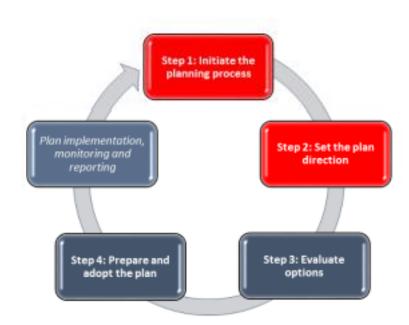


Figure 1-2: Waste Prevention Hierarchy



#### Steps 1 & 2: Initiate the Process & Set Direction

- 1) Committee and planning team established, scope of work identified
- 2) Current system status report issued for review





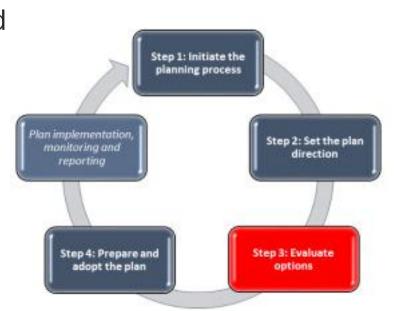
#### **Plan Steps**

## Steps 1 & 2: Initiative the Process & Set Direction

- 1) Committee and planning team established, scope of work identified
- 2) Current system status report issued for review

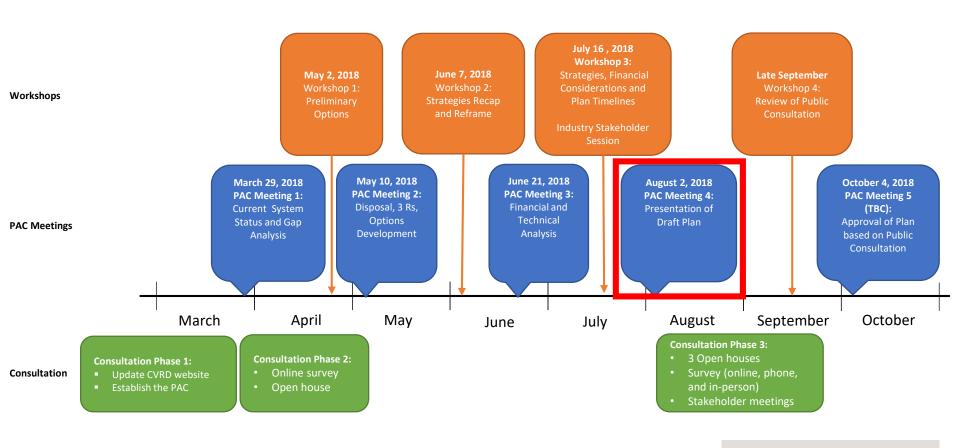
#### Step 3: Evaluate Strategies

- Develop strategies
- Assess financial and administrative impacts
- Review with PAC Committee to establish plan direction





#### **Updated Schedule**





#### October

- Board Approval
- Submit to Ministry



### **Questions or Comments?**



- Questions?
- Comments?
- Clarifications?
- Corrections?



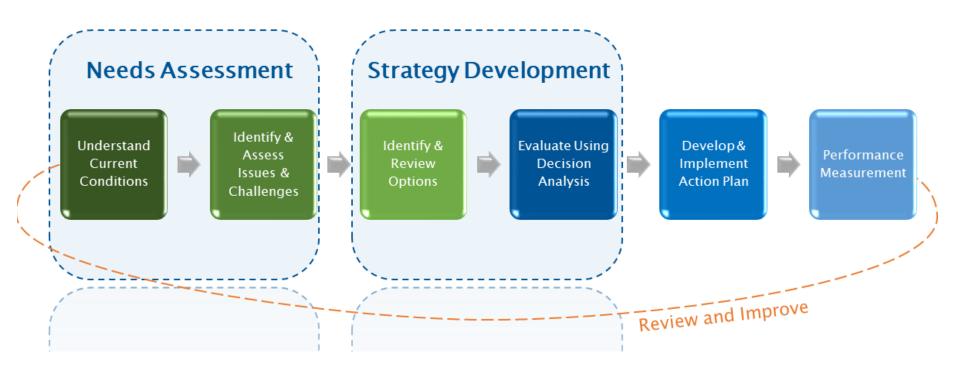
## **Project Context**

- System Overview
- Guiding Principles
- Goals
- Targets
- Diversion Potential



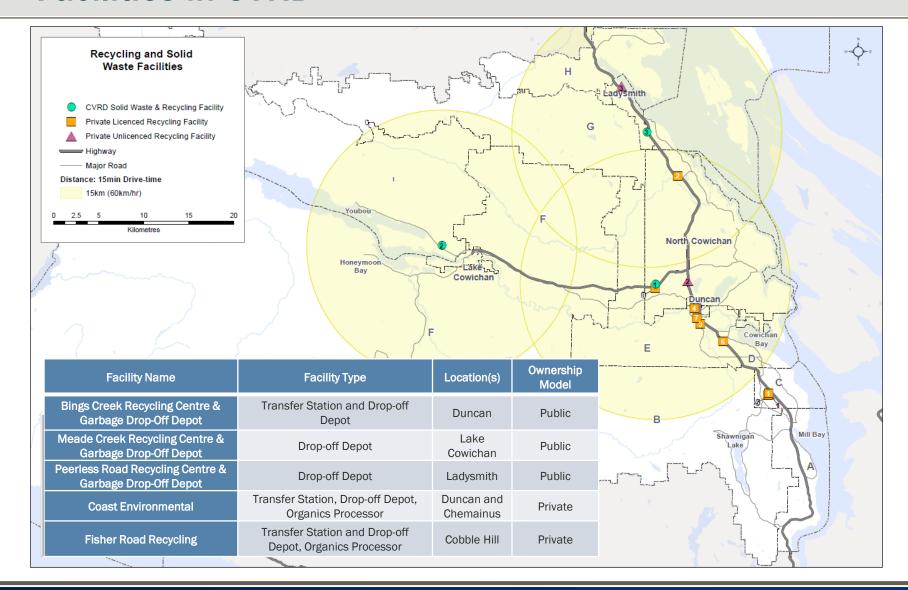


#### Planning Model within Context of Ministry Guidelines





#### **Facilities in CVRD**





## **Disposal and Recycling Rates**

Annual Disposal Rate	30,100 tonnes
Per Capita Disposal Rate	358 kg per capita
Annual Recycling Rate (partial)	44,000 tonnes
Per Capita Recycling Rate	525 kg per capita

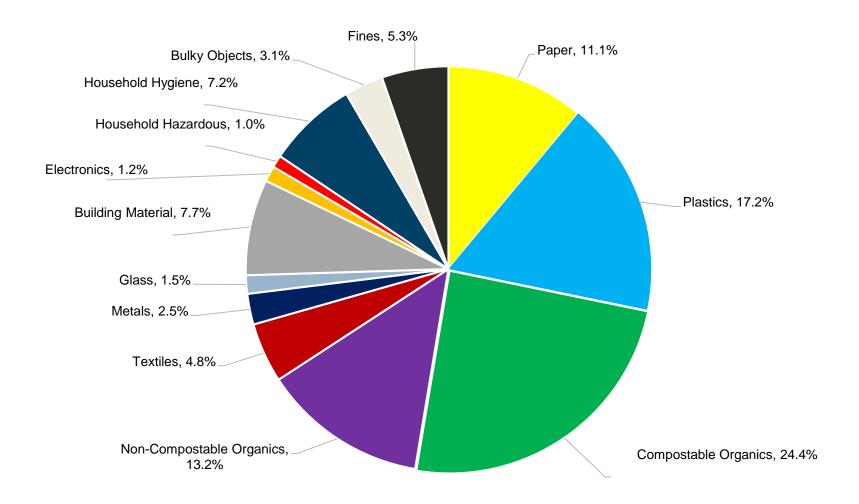


## **Estimated Disposal Rates by Sector**

Sector	Percent of Total Disposed Materials (Garbage Only)	Quantity of Disposed Materials (tonnes)
Single-Family (Municipalities)	10%	3,008
Single-Family (Electoral Areas)	9%	2,584
Multi-Family	8%	4,998
Industrial, Commercial, and Institutional	41%	12,262
Drop-off	16%	2,340
Construction and Demolition	16%	4,908
Total Disposal Rate	100%	30,100



#### **Waste Composition Study**



2017 Waste Composition Study Results



## **Waste Composition Study – Residential Organics**

Service Level Description	Areas	Proportion of Organics in Garbage
Mandatory organics collection	All municipalities	23%
Optional organics collection	Electoral Areas A-C	30%
No organics collection	Electoral Areas D-I	36%



## **Project Context**

- Guiding Principles
- Goals
- Targets
- Diversion Potential





#### **Guiding Principles**

Promote zero waste approaches and support a circular economy Promote the first 3 Rs (Reduce, Reuse and Recycle) and consider Recovery before Residuals Management Maximize beneficial use of discarded materials and manage residuals appropriately Support structural and systemic changes (e.g. polluter and user-pay approaches) and corresponding behaviour change programs to optimize system changes and promote principles one and two. Prevent organics and recyclables from going into the garbage wherever practical Collaborate with other regional districts wherever practical Develop collaborative partnerships with interested parties to achieve regional targets set in plans Support practical and effective delivery of waste management services from public and private service providers, and level the playing field within the region for private and public solid waste management facilities.

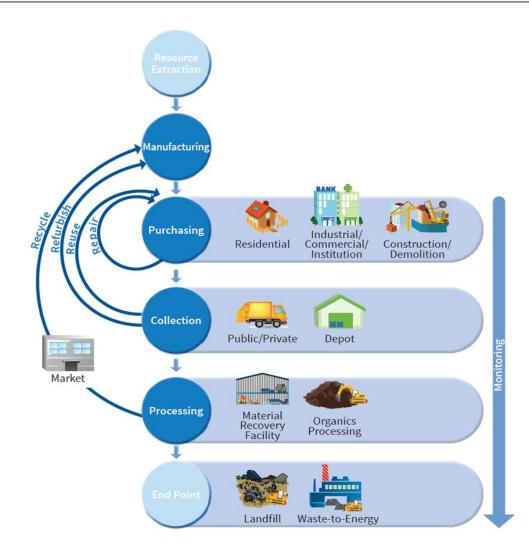


#### Goals

#1 Reduce All Material Generation

#2 Maximize reuse and recovery of materials

#3 Maximize beneficial use of discarded materials and promote responsible and sustainable Residual Management





#### **Provincial Targets for 2020**

Organics

 75% of BC's population covered by organic waste disposal restrictions

EPR Materials  75% recovery of materials covered by extended producer responsibility programs (EPR)

Disposal

 Lower the provincial MSW disposal rate to 350 kg per capita



### **Target Setting – Metrics**

- Interim Target 2023 (5 year)
  - 280 kg/capita disposal rate
    - Implementation of Strategies 1-3 (waste reduction, ICI and residential systems with disposal ban)
- Plan Target 2028 (10 year)
  - 250 kg/capita disposal rate
    - Optimization of Strategies 1-3 (system usage, disposal ban enforcement, and remaining strategies addressed to ensure system resilience)
- Long Term Target 2040
  - 150 kg/capita disposal rate
    - Continued system and behaviour change improvements
    - Zero Waste Community





## **Strategy Review**

Areas of Improvement





### Areas for Improvement - Reduce, Reuse, Recycle

- Top of hierarchy improvements:
  - Reducing wasted food
  - Enhance and improve reuse opportunities
- Improve service levels for ICI and MF waste generators
- Over 18,000 residents are more than 15 minutes away from a public depot
- Over 33,000 residents without mandatory organics collection
- More than 20,000 residents without mandatory garbage collection





### **Areas for Improvement – Processing of Recyclables**

- As the quantity of organics being processed in CVRD increases, odour complaints may worsen
- No facilities for commingled ICI recyclable materials
- No mandate for C&D recycling





#### **Areas for Improvement – Disposal and Operations**

- No local disposal capacity; waste is shipped to USA (risk mgmt re \$\$ and border)
- Illegal dumping occurs throughout CVRD
- Limited options for difficult-to-dispose items
- Historic Disposal Sites for Monitoring
- No disaster management plan





### **Questions or Comments?**



- Questions?
- Comments?
- Clarifications?
- Corrections?



## **Strategies Review**

- Resource Requirements (Budget & Staffing)
- Schedule





#### **Strategies List**

#### Primary Waste Reduction/Diversion

- Explore Reduce and Reuse Opportunities
- 2. Reduce Disposal from ICI and Multi-Family Residential
- 3. Reduce Disposal from Residential Sector

#### **Processing Infrastructure**

- 4. Improve Organics Processing
- 5. Investigate Processing and Transfer Capacity for Recyclables
- 6. Improve Management of Construction and Demolition Materials

#### Recovery and Residuals Management

- 7. Explore Options for Local Disposal
- 8. Reduce Illegal Dumping
- Collection/Drop Off for Household Hazardous Waste, Bulky Items and Organics
- 10. Monitor Historic Disposal Sites

#### Supporting System Resilience

- 11. Create an Asset Management Plan
- 12. Develop Disaster Debris Management Plan
- 13. Education and Behaviour Change Considerations

<sup>\*</sup>Budgets are estimated



## Strategy 1: Enhance Reduce and Reuse Potential

- A. Reduce Wasted Food from RES and ICI Sectors
- B. Explore Reduction and Reuse Opportunities
- C. Support Bans on Single-Use Items
- D. Advocate for Expansion of EPR Programs





Actions	Operating Cost	Timeline
CVRD Support for above Components	\$101,000	2019-2023



# Strategy 2: Reduce Disposal from ICI and Multi-Family Residential

- A. Mandate source separation for multi-family residential and ICI sector
- B. Adopt organics disposal ban and enhance enforcement of existing disposal bans



Actions	Operating Cost	Timeline
Strategies A	\$10,000	2020
Strategy B	\$87,500	2019-2022



#### Strategy 3: Reduce Disposal from Residential Sector

- A. Assess opportunities for access to recycling programs at depots
  - Evaluate opportunities to increase accessibility for public depots
  - ii. Continue to assess depot service levels for the south end
- B. Adopt universal curbside collection services across the region



Actions	Operating Cost	Timeline
Strategy A	-	2019-2023
Strategy B	\$30,000	2019-2020 (study)
Strategy B	\$22,812,404*	2019-2028

<sup>\*</sup>Annual cost estimated at \$2.7 million, contracted or in-house TBD



## **Strategy 4: Improve Organics Processing**

- A. Best Management Practices for odour and leachate management
- B. Ensure capacity for local organics processing



Actions	Operating Cost	Timeline
Strategy A	\$15,000	2021



## Strategy 5: Investigate Processing and Transfer Capacity for Recyclables

#### **Components:**

A. Assess gaps and recommend further opportunities for ICI transfer capacity and processing within the CVRD



Actions	Operating Cost	Timeline
Strategy A	\$15,000	2021



## Strategy 6: Improve Management of Construction and Demolition (C&D) Materials

- A. Monitor C&D disposal and recycling activities in the Region
- B. Develop a C&D Waste Management Strategy
- C. Reduce Barriers to Disposing Hazardous Materials (asbestos, gypsum wallboard)



Actions	Operating Cost	Timeline
Strategies A & B	\$30,000	2022-2023
Strategy C	\$800,000	2021-2028



## Recovery and Residuals Management





### **Strategy 7: Explore Options for Local Disposal**

Disposal Option	Consideration				
Export Off Island	Waste currently shipped to USA for \$130/tonne				
Other Island Options	New Comox Valley landfill that may accept waste from other regional districts				
Waste to Energy (WTE) (Public Facility)	Two recent studies deemed that a WTE facility is not feasible				
Waste to Energy (Private Facility)	New private sector WTE facility being considered in Cowichan Valley				
New CVRD Landfill Development	CVRD last tried to site a landfill in the mid-1990s but was unsuccessful				

Actions	Operating Cost	Timeline
Disposal Options Assessment	\$20,000	2019



### Strategy 8: Reduce Illegal Dumping

#### Components:

- A campaign was conducted in 2016 to reduce illegal dumping in Hillcrest
- A "Free Tipping" policy was implemented in the early 2000s to provide financial incentives to non-profit organizations who clean up public lands
- CVRD may wish to analyze costs and ubiquity of illegal dumping to determine whether changes should be made



Actions	Operating Cost	Timeline
Update Strategies	Embedded	2019-2028



## Strategy 9: Collection/Drop off For Household Hazardous Waste, Bulky Items, and Organics

### **Components:**

- A. Improve collection for household hazardous waste
- B. Improve recycling opportunities for bulky items



C. Assess effective ways to reduce open burning of wood waste

Actions	Operating Cost	Timeline
Strategies A	\$900,000	2020 - 2028
Strategy B & C	Embedded	2022



### **Strategy 10: Monitor Historic Disposal Sites**

The CVRD needs to continue monitoring and assessing the state of these historic disposal sites



Actions	Operating Cost	Timeline
Annual Monitoring	Embedded	2019 - 2028



Operational Improvements





### Strategy 11: Create an Asset Management Plan

### Components:

- A. Review building and equipment assets and develop an O&M strategy
- B. Develop Bings CreekTransfer Station 10-YearPlan



Actions	Operating Cost	Timeline
Strategies A	\$60,000	2019-2023
Strategy B	\$10,000	2019



### Strategy 12: Disaster Debris Management Plan

Developing a Disaster Debris
Management Plan for solid
waste services and
infrastructure



Actions	Operating Cost	Timeline
Disaster Management Plan	\$15,000	2022



## Strategy 13: Education and Behaviour Change Considerations

- Continued public outreach and community-based social marketing
- Tools
  - Commitments
  - Prompts
  - Norms
  - Social Diffusion

- Communication
- Incentives
- Convenience



Actions	Operating Cost	Timeline
Education & Behaviour Change	Embedded	2019 - 2028

cbsm.com



### **Budget Summary**

- Current Operating Budget
  - \$9.6M
- Proposed New Budget 10 year aggregated
- Combined Operating Budgets (current and proposed)
  - \$11 to \$14M (annually)



Year	1	2	3	4	5	6	7	8	9	10
CVRD FINANCIAL PLAN	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
REVENUE										
Debt Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
Grants	\$ 33,765		\$ 34,119	\$ 34,302	\$ 34,488	\$ 34,678		\$ 35,069	\$ 35,270	\$ 35,475
Other	\$ 929,977	\$ 943,260	\$ 956,756	\$ 970,470	\$ 984,406	\$ 998,569	\$ 1,012,959		\$ 1,042,444	\$ 1,057,548
Proposed Requisition/Parcel Tax	\$ 4,608,900		\$ 4,917,601	\$ 5,023,696	\$ 5,150,432	\$ 5,276,851	\$ 5,404,012	\$ 5,553,975	\$ 5,706,787	\$ 5,862,514
Surplus/(Deficit)	\$ 340,284	\$ 170,855	\$ -	\$ -	\$ -	\$ -	\$	•	s -	\$ -
Transfer from Capital Reserve	\$ -	\$ -	\$ -	\$ -	5 -	\$ -	\$ -	*	s -	\$ -
Transfer from Operating Reserve	\$ -	\$ -	5 -	\$ -	5 -	5	\$	*	-	ş -
User Fee	\$ 3,964,624	\$ 4,012,670	\$ 6,904,030	\$ 6,973,792	\$ 7,045,146	\$ 7,118,128	\$ 7,192,770		\$ 7,347,164	\$ 7,426,984
TOTAL OPERATING REVENUE	\$ 9,877,550	\$ 9,879,405	\$ 12,812,506	\$ 13,002,260	\$ 13,214,472	\$ 13,428,226	\$ 13,644,612	\$ 13,885,731	\$ 14,131,665	\$ 14,382,521
EXPENDITURES				_					_	
Existing Operating Expenditures										
Curbside Collection - Garbage	\$ 781,205	\$ 796,829	\$ 812,765	\$ 829,020	\$ 845,601	\$ 862,514	\$ 879,764	\$ 897,359	\$ 915,306	\$ 933,612
Curbside Collection - Recycling	5 376,212	\$ 234,964	\$ 239,663	\$ 244,456	\$ 249,344	\$ 254,330	\$ 259,419		\$ 269,902	\$ 275,300
CVRD Internal Allocations	\$ 544,066		\$ 568,984	5 581,818	\$ 594,910	\$ 608,263	\$ 621,882		\$ 649,943	\$ 664,396
Debt	5 786,318	5 786,318	\$ 741,228	5 741,228	\$ 741,228	5 741,228	5 741,228		5 741,228	\$ 741,228
Garbage Disposal	5 2,455,344	\$ 2,504,451	\$ 2,554,540	\$ 2,605,631	\$ 2,657,744	5 2,710,899	\$ 2,765,117		\$ 2,876,828	\$ 2,934,365
Legal & Administrative	5 202,113	\$ 206,155	\$ 210,276	\$ 214,482	\$ 218,771	5 223,145	\$ 227,609		\$ 236,804	\$ 241,543
Operations - Disposal	\$ 2,994,462	\$ 2,935,359	\$ 2,992,066	\$ 3,049,908	\$ 3,108,908	\$ 3,169,087	\$ 3,230,466		\$ 3,356,937	\$ 3,422,075
Operations - Disposal Operations - Recycling	\$ 1,182,591	\$ 1,206,244	\$ 1,230,368	\$ 1,254,975	\$ 1,280,076	5 1,305,679	\$ 1,331,792		\$ 1,385,595	\$ 1,413,305
Planning, Operations Support, and Execution	\$ 117,224	\$ 119,568	\$ 121,960	\$ 124,399	\$ 126,887	\$ 129,424	\$ 132,012		\$ 137,345	\$ 1,413,303
Reduction and Recycling Programs	5 30,015	\$ 30,616	\$ 31,228	\$ 31,853	\$ 32,490	\$ 33,140			\$ 35,169	\$ 35,873
Transfer to Reserve	5 320,000	5 324.000	\$ 328.080	5 332,242	\$ 336,487	5 340.817	5 345.233	\$ 349,738	5 354,333	\$ 359.020
Total Annual Existing Operating Expenditures	\$ 9,789,550			\$ 10,010,012	\$ 10,192,446	\$ 10,378,526	\$ 10,568,325			\$ 11,160,807
Total Allibar Existing Operating Experiorores	3,763,530	3,700,503	3,031,130	3 10,010,012	3 10,132,446	3 10,570,520	2 10,500,525	10,761,323	20,535,530	11,100,007
Existing Capital Expenditures		B								
Capital Expenditures	5 -	s -	s -	\$ -	s -	s -	\$ .	\$ -	s -	\$ -
Total Annual Existing Capital Expenditures	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Existing Expenditures	\$ 9,789,550		\$ 9,831,158	\$ 10,010,012				\$ 10,761,925	\$ 10,959,390	\$ 11,160,807
Revenue - Expenditures	5	\$ .	\$ -	\$	5 -	\$ -	\$ -	\$ -	5 -	\$ -
									1	
PROPOSED Operating Expenditures										
01 Enhance Reduce and Reuse Potential	\$ 18,000			\$ 3,000	\$ 3,000	\$ 20,000	5	-	s -	5
02 Reduce Disposal from Multi-Family Residential and ICI	\$ 5,000	\$ 27,500	\$ 45,000	\$ 20,000	5	\$	5	ş -	ş -	5
03 Reduce Disposal from Residential Sector	5	5	\$ 2,695,348	\$ 2,739,248	\$ 2,784,026	\$ 2,829,700	\$ 2,876,287	\$ 2,923,806	\$ 2,972,275	\$ 3,021,714
04 Improve Organics Processing	\$ 15,000	\$	5	5	-	5		ş -	•	5
05 Investigate Processing and Transfer Capacity for Recyclables	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$	•	*	\$ -	5
06 Improve Management of Construction and Demolition	\$ -	\$	\$ 100,000	\$ 115,000	\$ 115,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
07 Explore Options for Local Disposal	\$ 20,000	\$ .	5	5	5	5	ş .		-	-
08 Reduce Illegal Dumping	5	-	5		5	5	-	-	\$ -	5
09 Collection/Drop off For HHW, Bulky Items, and Organics	\$	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
10 Monitor Historic Disposal Sites	5	\$ .	5 -	5	5	5	5	5 -	-	-
11 Create an Asset Management Plan	\$ 30,000	*	\$ 20,000		\$ 20,000	3	5		-	-
12 Disaster Debris Management Plan	3	\$ -	•	\$ 15,000	5 -	,	3	-	-	
13 Education and Behaviour Change Considerations	\$ 88,000	\$ 178,500	\$ 2,981,348	\$ 2,992,248	\$ 3,022,026	\$ 3,049,700	\$ 3,076,287	\$ 3,123,806	\$ 3,172,275	\$ 3,221,714
Total Annual Proposed Operating Expenditures	\$ 88,000	\$ 178,500	\$ 2,981,348	\$ 2,992,248	\$ 3,022,026	\$ 3,049,700	\$ 3,076,287	\$ 3,123,806	\$ 3,172,275	\$ 3,221,714
		_				1			- 1	
PROPOSED Capital Expenditures		l. 100							_	_
No proposed capital expenditures	\$ .	5 -		,	-	5 -	,	~	-	-
Total Annual Proposed Capital Expenditures	\$ -	5	s -	\$	-	\$ -	\$ -	\$ -	s -	\$ -
Total Annual Proposed Expenditures	\$ 88,000	\$ 178,500	\$ 2,981,348	\$ 2,992,248	\$ 3,022,026	\$ 3,049,700	\$ 3,076,287	\$ 3,123,806	\$ 3,172,275	\$ 3,221,714
		1	2,132,310		.,,	2,2,700	2,2.0,207	,,	,	,,
TOTAL OPERATING EXPENDITURES	\$ 9,877,550	\$ 9,879,405	\$ 12,812,506	\$ 13,002,260	\$ 13,214,472	\$ 13,428,226	\$ 13,644,612	\$ 13,885,731	\$ 14,131,665	\$ 14,382,521
TOTAL CAPITAL EXPENDITURES	\$ /-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL EXPENDITURES	\$ 9,877,550	\$ 9,879,405	\$ 12,812,506	\$ 13,002,260	\$ 13,214,472	\$ 13,428,226	\$ 13,644,612	\$ 13,885,731	\$ 14,131,665	\$ 14,382,521
		. 1								
Revenues - Expenses	,	5 .		5 -	5 -	\$ .	ş ·	5 -		•



### **Proposed Schedule**

- Corresponds to budget over 10 year period
- Existing staff resources factored in



	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
01 Enhance Reduce and Reuse Potential										
A Reduce Wasted Food from Residential and Industrial, Commercial, and Institutional (ICI)	Sectors									
B Enhance and Improve Local Reuse Opportunities										
C Support Bans on Single-Use Plastic Bags or Other Single-Use Items										
D Advocate for Expansion of EPR Programs										
02 D. J Dr 1 ( M. b. E										
02 Reduce Disposal from Multi-Family Residential and ICI			-							
A Mandate Source Separation for Multi-family and ICI										
B Adopt a full organics disposal ban and enhance enforcement of existing material dispos	sal bans									
03 Reduce Disposal from Residential Sector										
A Assess Opportunities for Access to Recycling Programs at Depots						T				Ι
B Adopt Universal Curbside Collection Services Across the Region										
a naupt of inversal callastide collection dervices natioss the neglon										
04 Improve Organics Processing										
A Ensure Use of Best Management Practices for Odour Management										
B Ensure Capacity for local Organics Processing										
05 Investigate Processing and Transfer Capacity for Recycling			'							
A Feasibility Assessment for Transfer Capacity for ICI Recyclables										
06 Improve Management of Construction and Demolition										
A Monitor C&D Disposal and Recycling Activities in the Region										
B Develop a C&D Waste Management Strategy										
C Reduce Barriers to Disposing Hazardous Materials (asbestos, gypsum wallboard)										
075   0 : (   10:										
07 Explore Options for Local Disposal			-							
A Review feasibility of alternative disposal options										
08 Reduce Illegal Dumping										
A Augment illegal dumping prevention strategies										
n nagmerk megar aamping prevention strategies										
09 Collection/Drop off For HH₩, Bulky Items, and Organics										
A Implement collection program for unlabelled liquid HHW										
B Improve recycling opportunities for bulky items										
C Assess effective ways to reduce open burning of wood waste	<del>                                     </del>	<del></del>								
2										
10 Monitor Historic Disposal Sites										
A Monitor Historic Disposal Sites										
11 Create an Asset Management Plan										
A Review building and equipment assets and develop an O&M strategy										
B Develop Bings Creek Transfer Station 10-Year Plan										
12 Disaster Debris Management Plan										
A Develop a Disaster Debris Management Plan										
3 Education and Behaviour Change Considerations										
A Consider best management practices for Education and Behavior Change programs										
									/18	



# **Next Steps and Consultation**





### **Public Consultation**

Consultation Phase	Consultation Component	Timing Details	Estimated Timeline (2018)
Phase 1	CVRD Website Update		January 31
Initiation and Notification	PAC Announcement	To begin before first PAC meeting	January 31
11001110001	First Nations Outreach		February – March
	Online & In-Person Survey(s)		April (ongoing)
Phase 2 Set the Plan Direction	Open House	Post-first	
	PlaceSpeak	PAC meeting	
	CVRD Website Update		

Integrated Solid Waste Master Plan 50



### **Public Consultation**

<b>Consultation Phase</b>	Consultation Component	Timing Details	Estimated Timeline (2018)
Phase 3 Evaluate the Options	PlaceSpeak Open Houses  Social Media Tools Stakeholder Meetings	Post-draft Plan	August - September
	Data Synthesis	Post-consultation	September
	Consultation Summary	Post-consultation	September

Integrated Solid Waste Master Plan



### **Public Consultation**

Consultation Phase	Consultation Component	Dates
Phase 3 Evaluate the Options	<ul> <li>Online Engagement</li> <li>Website update with draft Plan and survey</li> <li>PlaceSpeak survey and discussion</li> <li>Open houses and survey to be promoted via social and conventional media outlets</li> </ul>	August – September
	<ul> <li>In-Person Engagement</li> <li>Open Houses</li> <li>Other community outreach and in-person promotion at depots and community events</li> </ul>	Open house dates: August 29 (day) – west September 11 (eve) – south September 12 (day) – north



### **Next Steps**

- August 20, 2018 1:00-3:30pm
  - Webinar on draft Plan (distributed prior)
- August September Consultation

Integrated Solid Waste Master Plan 53



### Wrap Up and Questions

Tamara Shulman

Team Lead - Solid Waste Planning

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