

# Capital Regional District

## Meeting Minutes

### Solid Waste Advisory Committee

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Friday, June 4, 2021

12:30 PM

6th Floor Boardroom  
625 Fisgard St.  
Victoria, BC V8W 1R7

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**PRESENT:**

M. Coburn, J. Collins (EP), B. Desjardins (Chair), J. Hillis (EP), K. King (EP), M. Kurschner, E. Latta, M. McCullough (EP), A. Meisen, D. Monsour, J. Oakley (EP), D. Paul Jr., J. Rintoul (EP), K. Siefried (EP), J. Shaw, R. Speller (EP), D. Thran, R. Tooke (Vice-Chair), C. Tuggle (EP), S. Wiebe (EP), S. Young Jr. (EP)

Staff: A. Chambers, Senior Administrative Secretary, Environmental Resource Management (ERM) (Recorder); R. Smith, Senior Manager, ERM; M. Tromp-Hoover, Supervisor, Communication and Education Development, Environmental Protection; T. Watkins, Manager, Policy & Planning, ERM

Regrets: S. Gose, L. Jenson

EP - Electronic Participation

The meeting was called to order at 12:30 pm.

- 1. Territorial Acknowledgement**
- 2. Approval of Agenda**

Agenda for the June 4, 2021 Solid Waste Advisory Committee meeting.

**MOVED by D. Monsour SECONDED by J. Shaw  
That the agenda be approved as circulated.  
CARRIED**

- 3. Adoption of Minutes**

Minutes from the May 7, 2021 Solid Waste Advisory Committee meeting.

**MOVED by D. Monsour, SECONDED by D. Paul Jr.  
That the minutes of the May 7, 2021 Solid Waste Advisory Committee meeting be  
adopted as circulated.  
CARRIED**

- 4. Chair's Remarks**

Welcome to Dennis Thran who was appointed as the Solid Waste Technology Representative and welcome to Jordan Rintoul who was appointed as the representative for Waste Management and replaces Jared Smith.

## 5. Committee

### a. City of Victoria Deconstruction Bylaw (presentation)

C. Woodhouse from the City of Victoria presented on *Salvaging Reusable Materials from Building Deconstruction*. The presentation highlighted:

- May 2021 the City was given direction to develop a deconstruction bylaw, this bylaw will go to Council for approval in Quarter 4 2021 and implementation in Quarter 2 2022.
- Deconstruction vs. Demolition
- Motivate the salvage of reusable and recyclable materials (for single family homes)
- Future expansion to additional building types

C. Woodhouse provided these two links for reference:

Zero Waste: <http://www.victoria.ca/zerowaste>

Staff Report:

[https://www.victoria.ca/assets/Departments/Sustainability/Report\\_Construction%20Waste%20Reuse\(1\).pdf](https://www.victoria.ca/assets/Departments/Sustainability/Report_Construction%20Waste%20Reuse(1).pdf)

The presentation is attached as Appendix A.

### b. Galiano Fire Hall Project (verbal update)

E. Latta provided a brief overview of the Galiano Fire Hall project and noted that the work will be done by volunteers and the material salvaged where possible (such as windows going to greenhouses, etc.). As more information becomes available, she will inform the group.

### c. Solid Waste Management Plan

R. Smith noted there are a few strategies in the new Solid Waste Management Plan that will allow us to work towards / be a part of the solution with the City of Victoria and highlighted that sharing of bylaws has the potential for other municipalities to learn from the City of Victoria. The CRD will work on wood waste diversion (landfill ban). This conversation is constantly evolving, including the education piece.

A graph on the *actual and projected monthly refuse tonnages at Hartland Landfill* was presented by R. Smith to the group. Compared to 2020, waste disposal is trending up for 2021. Wood, organics plastics and paper make up 2/3 of waste in the landfill. A suggestion was made to add per capita to the graph.

The graph is attached as Appendix B.

## 6. Correspondence

### a. Letter dated May 11, 2021 Re: Waste Reduction and Recycling at the CRD

A letter regarding the above came through for the attention of the Solid Waste Advisory Committee. CRD Staff will draft a response and provide to the Solid Waste Advisory Committee at the next meeting. The letter is attached as Appendix C.

## 7. Other Business

There was no other business.

**8. Next Meeting**

The next Solid Waste Advisory Committee meeting will be September 3, 2021.

**9. Closing Comments**

B. Desjardins wished the group a wonderful summer.

**10. Adjournment**

The meeting adjourned at 13:57

**MOVED by D. Monsour, SECONDED by R. Tooke  
That the Solid Waste Advisory Committee be adjourned.  
CARRIED**



# Salvaging Reusable Materials from Building Deconstruction

CRD Solid Waste Advisory Committee

June 4<sup>th</sup>, 2021

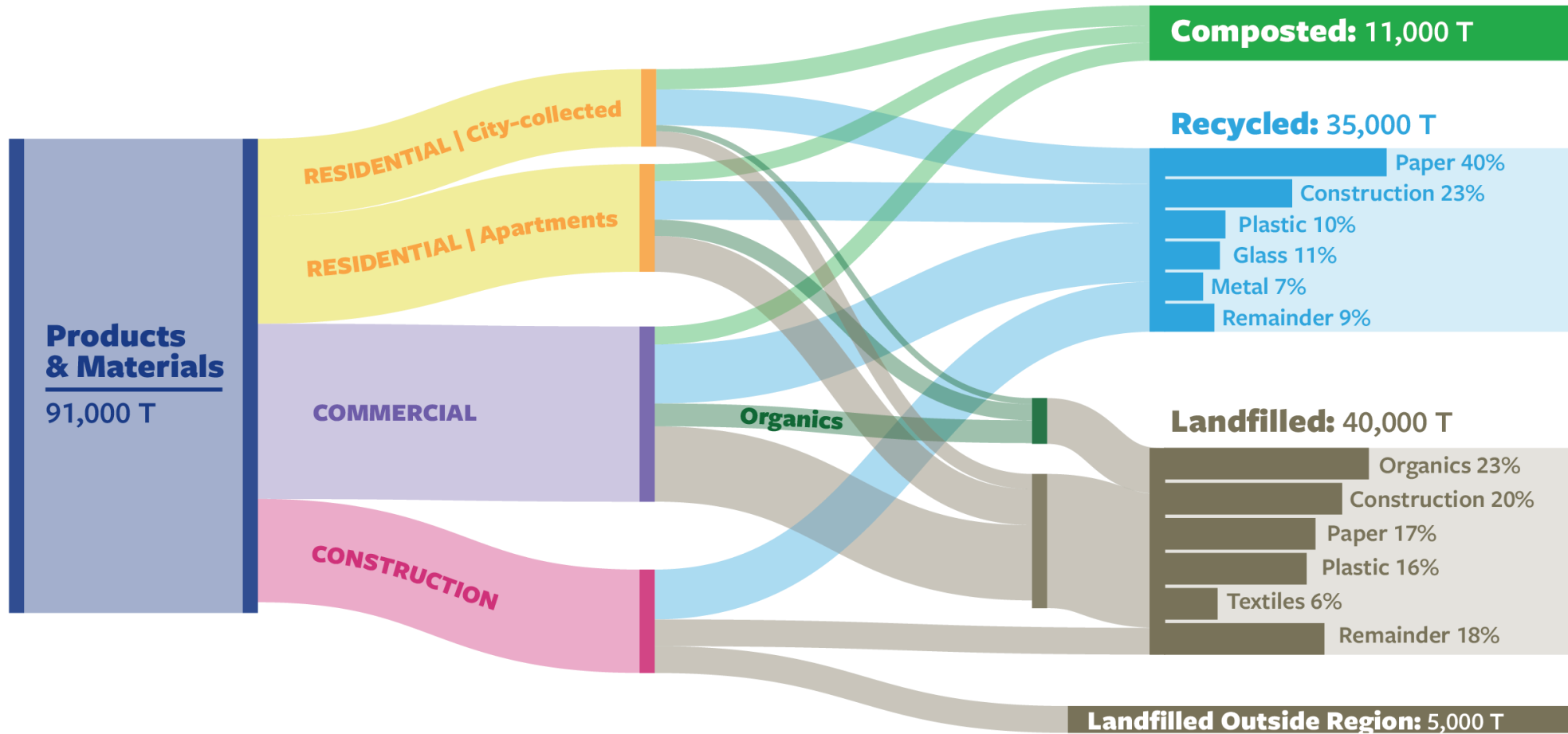


# Council Direction to Staff – May 2021

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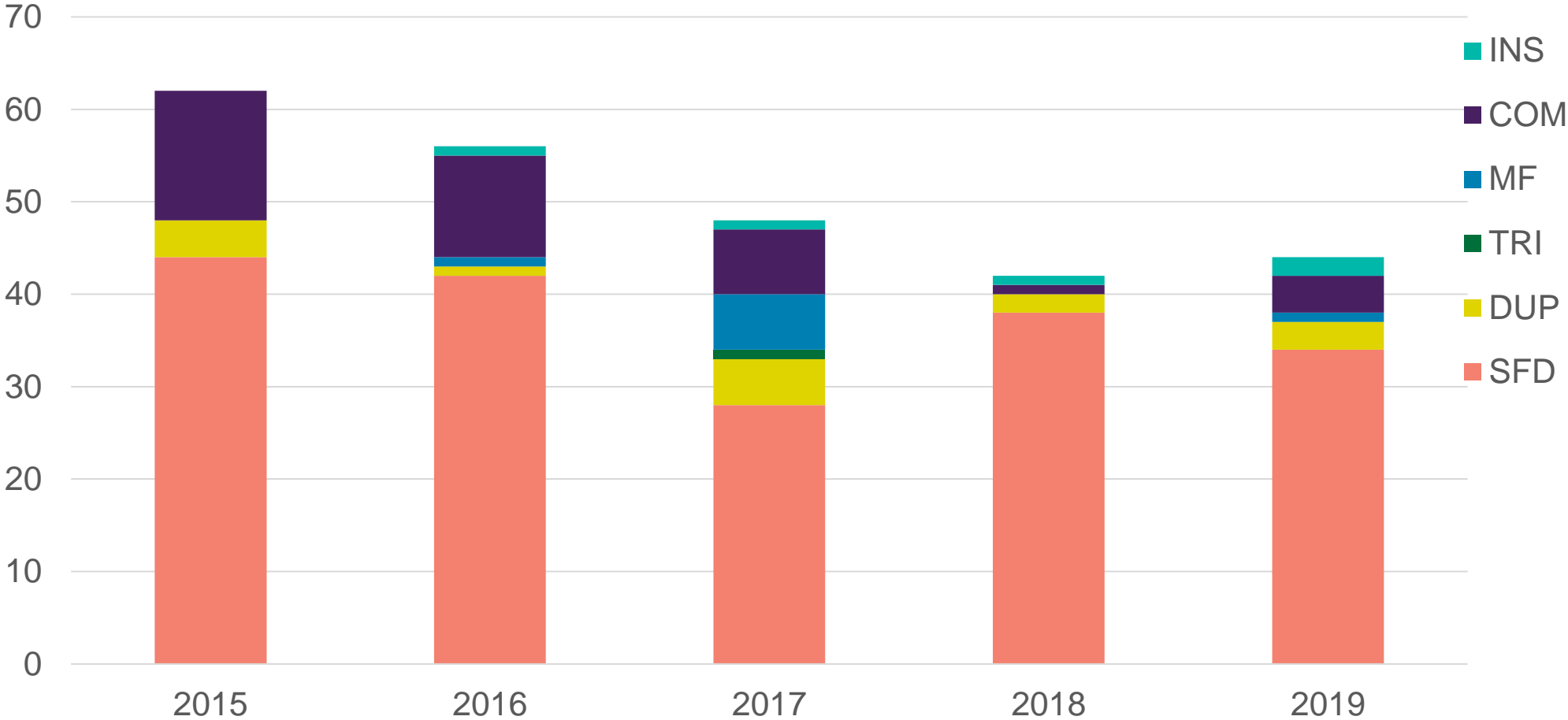
1. Develop a bylaw for building demolitions:
  - To motivate the salvage of reusable and recyclable materials
  - Initial subset: replacement Single Family Homes
  - Future subset: all Single Family Homes
2. Report back on future expansion of the bylaw to additional building types, following initial implementation and further industry consultation

# Zero Waste Victoria



↓ 50%

# Demolitions in Victoria – Building Types



# Demolition vs. Deconstruction



Conventional Demolition	Deconstruction and Salvage
Heavy machinery (e.g., excavator)	Disassembly primarily by hand
Mixed waste	Separation of materials
Landfill	Reuse and recycling
Dust, noise, debris	Less nuisance, neighbourhood engagement
~ \$12,000	~ \$12,000 to \$30,000 (after material sale)
~ 7 days	~ 3 - 4 weeks
Jobs: 1 to 2 people	Jobs: 6 to 8 people



# Zero Waste Impact

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Demolished **single-family homes** in Victoria provide an opportunity to divert **3,000 tonnes per year** from the landfill.

- **15%** of the Zero Waste Victoria 2040 target
- **~25%** of all construction waste



# Economic Recovery Opportunity

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- Value of **Metro Vancouver's** salvaged wood estimated at **\$340 million per year**
- **6 to 8 jobs for every one job** in conventional demolition
- **Circular Economy**
- **Innovation**



Photo: National Zero Waste Council

# Industry Engagement

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## Summer **2020**:

- construction industry focus group for Zero Waste Victoria

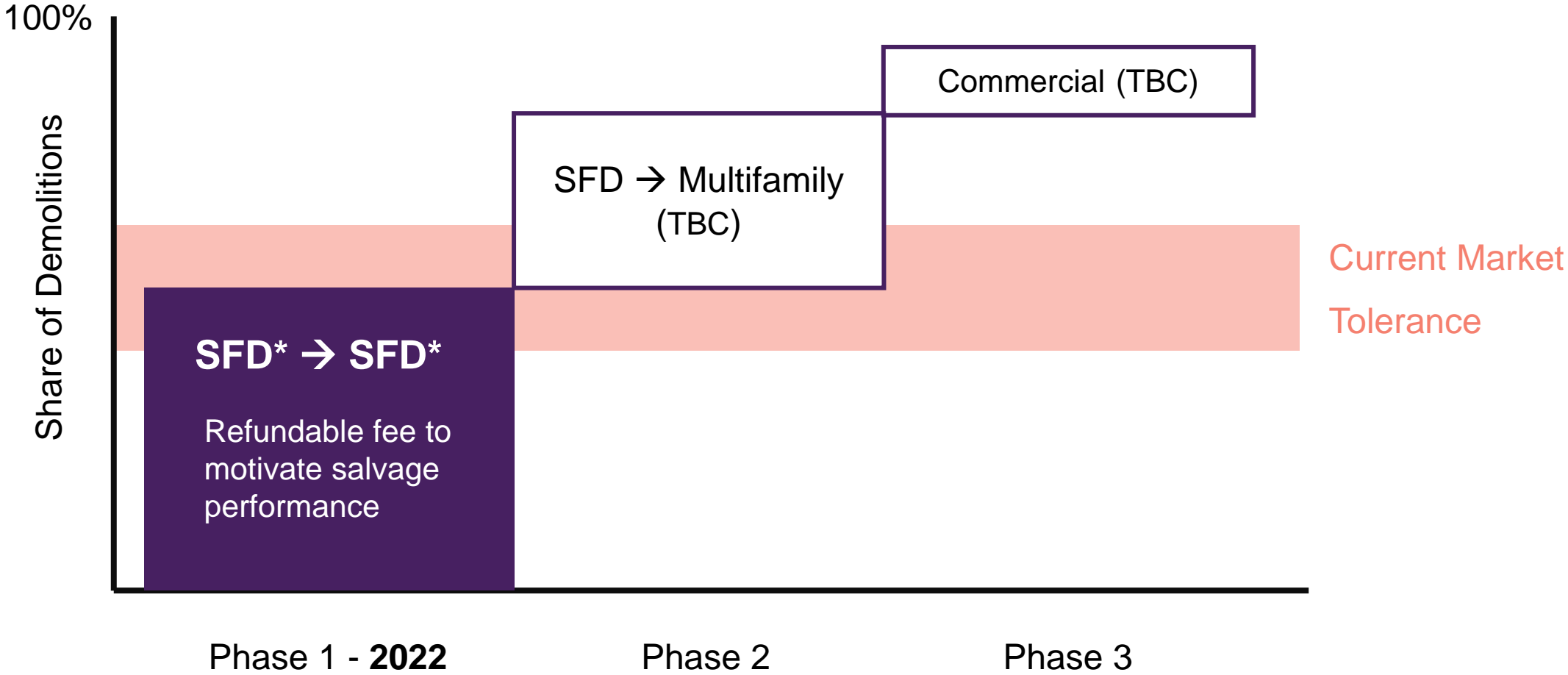
## Winter **2021**:

- construction and development industry associations, deconstruction and resale businesses
- **12** virtual sessions; **20** participants

## What We Heard

- Support for a bylaw with a refundable fee
- Strong demand for salvaged materials, though lack of **storage** space
- Market **capacity** will be key for success
- Phased **transition** will build market capacity
- Regional **alignment** preferred

# Phased Transition



# Affordability and Capacity

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## Phase 1 Objectives

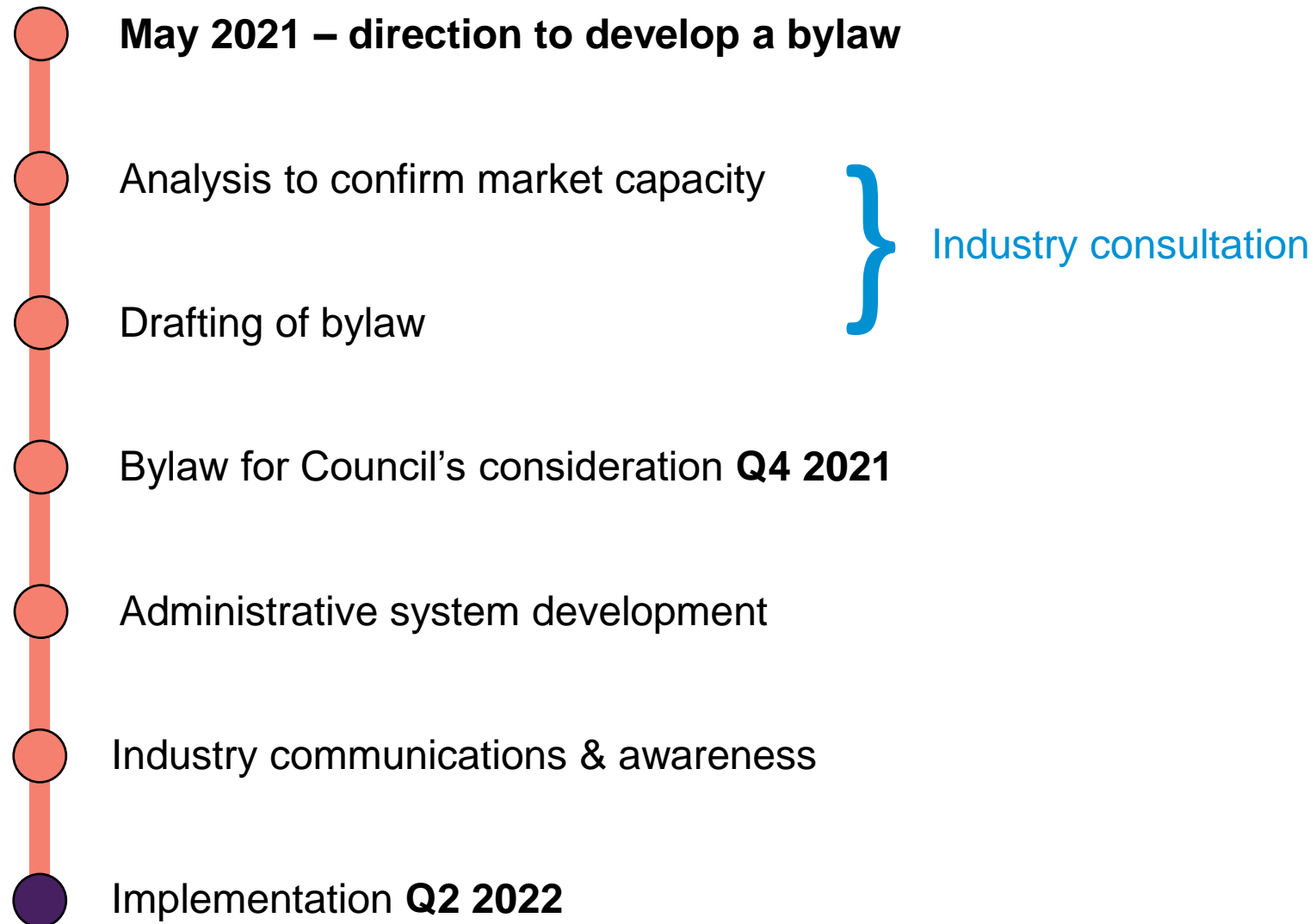
- Reduce demolition waste to landfill
- Provide certainty and predictability for the market
- Create competition for service providers
- Align with Victoria's Housing Strategy and mitigate affordability impacts

## Phase 1 Approach

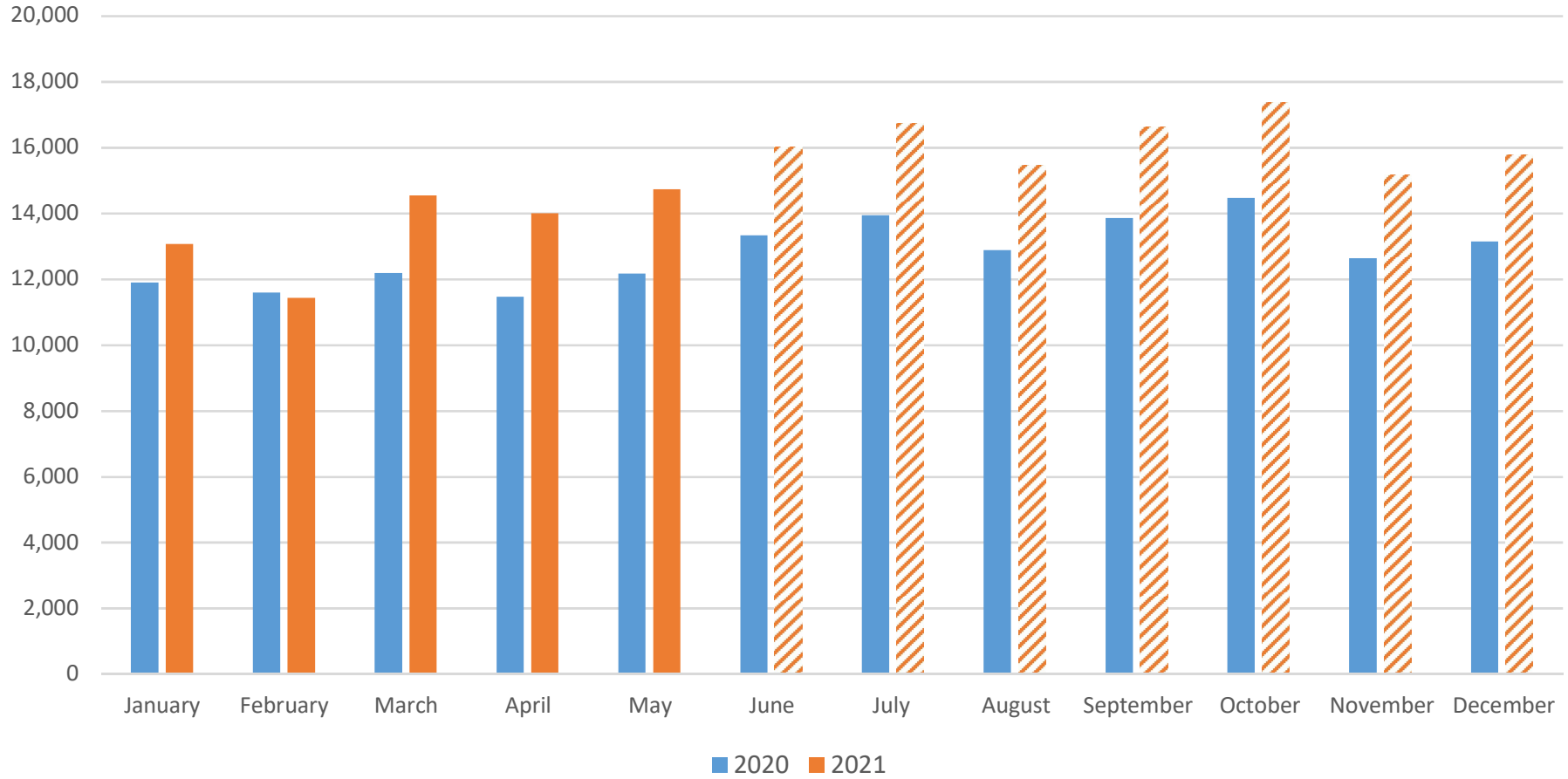
- Begin with replacement Single Family Homes
- New SFD in Victoria assessed ~\$1.8M and outside City's housing affordability priorities
- Options for income tax credits
- Represent majority of demolitions (more than 20/year)

# Next Steps

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### Hartland Landfill Actual and Projected Monthly Refuse Tonnages



Maxine Leichter  
706 Mt. Belcher Hts.  
Salt Spring Island, BC V8K 2J3  
[mleichter@telus.net](mailto:mleichter@telus.net)

May 11, 2021

CRD Solid Waste Advisory Committee

Sent Via Email to: Committee Chair Barbara Desjardins [mayorandcouncil@esquimalt.ca](mailto:mayorandcouncil@esquimalt.ca)

Dear Committee Members,

I noticed that the new Solid Waste Management Plan does not include a plan to reduce and recycle waste produced by CRD offices. I looked into this since I've had to request that the Salt Spring CRD office print agenda packages for commissioners double-sided. They seem to be doing this now, at least for the SSI commission that I sit on. This experience made me wonder if the CRD had an internal program. If they do, could you please email it to me. If they do not, here are some ideas for what a program could look like:

- Each division or department would have a recycling coordinator to monitor the program and solve problems
- There would be a CRD-wide recycling coordinator to help the other coordinators solve problems and meet annually with them.
- Waste paper would be recycled.
- Confidential documents are shredded and then recycled.
- All copiers would be set with double sided as the default setting
- Since the waste is mostly white paper, explore the possibility of sending the paper to a factory that could make it into new paper.
- Install containers in each office for recyclables such as paper and returnable drink containers.
- Employees could be encouraged to take other recyclables home for recycling.
- Supply pens that can have the ink cartridge replaced.
- Departments and units that do construction, maintenance and hands-on work may use materials, chemicals and tools that provide other recycling opportunities. They could be asked for their suggestions.

Such a program has the potential to save costs on waste disposal. I look forward to receiving your response.

Sincerely yours,



Maxine Leichte