

# COLUMBIA SHUSWAP REGIONAL DISTRICT

## PLAN MONITORING ADVISORY COMMITTEE – SOLID WASTE MANAGEMENT PLAN REVIEW MEETING

Minutes of the Plan Monitoring Advisory Committee meeting  
held Wednesday, May 4, 2022 over Zoom video conferencing

Note: The following minutes are subject to correction when endorsed by the  
Plan Monitoring Advisory Committee at the next Regular meeting.

### PRESENT:

#### Committee

Janet Pattinson	Electoral Area C - Public Member
Jon Mills	City of Salmon Arm - Staff Member
Anouk Watts	City of Salmon Arm - Staff Member
Ron Oszust	Electoral Area A - Public Member
Chris Cochran	Town of Golden - Staff Member
Mike Mason	City of Revelstoke - Staff Member
Jordan Peterson	Waste Hauler
Darren Symbaluk	District of Sicamous - Staff Member

#### Regional District Staff

Ben Van Nostrand	Team Leader, Environmental Health Services
Graham Casselman	Waste Reduction Coordinator

#### Guest Speaker

Victoria Bartlett	Morrison Hershfield
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### ABSENT:

Josh Mitchell	Operator/Owner - Private Solid Waste Facility
Jennifer Wilson	City of Salmon Arm - Staff Member

The meeting commenced at 10:02 AM

### MINUTES/AGENDA APPROVAL

M/S Chris Cochran/Ron Oszust THAT:  
the agenda for the meeting be approved.

CARRIED

M/S Jon Mills/Graham Casselman THAT:  
the minutes from the meeting dated November 23, 2021 be adopted.

CARRIED

### SWMP EFFECTIVENESS REVIEW PRESENTATION BY MORRISON HERSHFIELD

Veronica Bartlett, Morrison Hershfield Engineering , provided an overview of the project and what has been done to date:

- A five-year Solid Waste Management Plan (SWMP) effectiveness review;
  - Includes waste disposal trends, economic trends, GHG Emissions, compliance activity summary and identify strengths and challenges.
- A dispute resolution document; and
- High level plans for conducting a full review of the SWMP.
  - Plan is for the CSRD to move forward in 2023/2024 to conduct a full SWMP review and update.
- Accomplishments to date;
  - Zero waste vision (rethink, reduce, recycle, recover, residual management)
  - Organics diversion strategy 2015

**SWMP  
EFFECTIVENESS  
REVIEW  
PRESENTATION BY  
MORRISON  
HERSHFIELD (cont.)**

- Federal and Provincial funding.
  - Revelstoke composting facility almost complete.
  - Differential tipping fees (where food waste facilities exist).
  - ICI sector outreach in Salmon Arm and new engagement/education program in Revelstoke to start June 2022.
  - Part way through implementation of organics strategy still require facility in Golden.
- Three Household Hazardous Waste Depots, Mattress Recycling program, new Recycle BC facilities (Kicking Horse Mountain and Little Shuswap Lake Band).
  - Challenges:
    - Diversion of demolition and land clearing material.
    - Increased cost to achieving compliance at Landfills.
    - Collaboration with First Nations communities.

**2021 SOLID WASTE  
REVIEW AND 2022  
INITIATIVES**

Golden Wasteshed:

- 2021:
  - Surface water management 75% completed.
  - Wildlife fence – installed eight-foot electric fence. Challenges continue related to operating in the wintertime.
  - New Kicking Horse Mountain Resort Recycle BC depot established.
- 2022:
  - Parson Transfer Station safety railings installation.
  - Monitoring well installation in accordance with the 2022 Water Quality Improvement Plan.
  - Surface water management work completion at Golden Landfill.
  - Continued focus on reducing and addressing offsite litter migration.
  - Explore options for food waste diversion – transfer station or local resource to compost in community.

Revelstoke Wasteshed:

- 2021:
  - Food waste compost facility construction.
  - Planning for Phase 1 landfill closure.
    - 1.5 million project including geosynthetic membrane and landfill gas collection infrastructure.
- 2022:
  - Phase 1 landfill closure and electric fence upgrades.
  - Food waste compost facility operational in 2022.
  - Landfill scale replacement.
  - Trout Lake Transfer Station safety railings installation.

Sicamous Wasteshed:

- 2021/2022:
  - Status quo for landfill operations.
  - Scale replacement

**2021 SOLID WASTE  
REVIEW AND 2022  
INITIATIVES (cont.)**

Salmon Arm/Shuswap Wasteshed:

- 2021:
  - Landfilling began in Phase 3A.
  - Transfer bin pad upgrades and compost pad upgrades.
  - Major soil management project with City of Salmon Arm.
- 2022:
  - Landfill gas collection well installation to improve gas quality and quantity.
  - Continuing soil management project with City of Salmon Arm.
  - Irrigation upgrades on Phase 2.
  - Signage and safety railing improvements.
  - Operational certificate still no approved, working with Ministry to complete updates.
  - Seymour Arm Transfer Station safety railings installation.
  - A new lidded waste transfer bin and commercial compactor bin have been purchased and received in 2022.

CSRD Solid Waste Management Initiatives in 2021 and Planned for 2022

- Key and lock replacement system wide change over complete in 2021.
- Solid Waste/Recycling 5-year effectiveness review and dispute resolution in 2022.
- Contractor safety policy implementation to increase the awareness and culture of safety at CSRD Solid Waste facilities in 2022.
- CSRD will be hosting the Southern Interior Waste Management Association Conference in September, 2022.

**2021 RECYCLING  
PROGRAM REVIEW  
AND INITIATIVES**

The Waste Reduction Coordinator reviewed the recycling program and initiatives for 2022:

- Tappen Co-op Recycling Depot
  - Depot will be closed indefinitely at the beginning of September due to construction of fuel pumps and expansion of Trans-Canada Highway.
- Kicking Horse Mountain Resort
  - Site began operations on November 21, 2021.
  - Good feedback from residents and low contamination rates.
- Collection and diversion rates
  - Collected materials (batteries, propane tanks, Product Care paint and Hazardous Household Waste continue to increase in amounts collected year over year.
- E-Bike/E-Scooter
  - EPRA items are collected at sites that also collect electronics.
  - Call2Recycle – residents place requests and items are picked up at residents' house.
- Shingles
  - CSRD now manages the shingles on site. They are chipped and used for site operations.
- New Provincial programs
  - Commercial Recycling – Recycle BC (RBC) expansion.
    - RBC is determining if it is feasible to include commercial recycling.
  - Plastics initiatives – Federal and Provincial.

**2021 RECYCLING  
PROGRAM REVIEW  
AND INITIATIVES  
(cont.)**

- Federal Government will ban single use plastics as of 2022 which include check out bags, cutlery, 6 pack rings, straws, stir sticks and certain take-out containers.
- Cylinders.
  - In 2025, 1lb propane tanks and other pressurized cylinders will fall under the EPR program.
- Mattresses
  - In 2025 mattresses will fall under an EPR program.
- Columbia Basin Trust Funding – Commercial compost education in Revelstoke.
  - Funding was received in 2017.
  - CSRD has partnered with Revelstoke Local Food initiative to oversee and manage the staff member who will undertake the educational program in Revelstoke.

**MUNICIPALITY  
REPORTS 2022**

- City of Revelstoke – Mike Manson, City of Revelstoke staff member, provided an update from the City of Revelstoke.
  - Looking at new collection system for refuse and food waste
  - Applied for grant funding for new collection vehicles.
  - Working on a system of centralized bins and curbside collection for organic waste.
- District of Sicamous – Darrell Symbaluk, District of Sicamous staff member, provided an update for the District of Sicamous.
  - Metal and organics community collection event was successful in May, 2022
  - Looking into possibility of incorporating curbside collection into a service offered by the District of Sicamous.
- Town of Golden - Chris Cochran, Town of Golden staff member, provided an update from the Town of Golden.
  - Annual spring community yard waste collection was successful.
  - Curbside recycling program expanded to include new mobile home park.
  - Looking into options for food waste diversion programs.
  - Looking into options for bio solids management for Town's Sewage Treatment Plant.
  - Discussion with CSRD regarding monitoring well installation.
- VP Waste – Jon Mills
  - Over 7 tonnes of organic material collected in Town of Golden curbside collection day.
  - Positive feedback on site management of the new Recycle BC KHMR Recycling Depot.
- Salmon Arm - Jon Mills, City of Salmon Arm staff member, provided an update from City of Salmon Arm.
  - Similar refuse disposal rates in 2020 and 2021.
  - Looking at pet waste to reduce curbside collection tonnages.
  - Would like to capture city residents who are taking refuse directly to the landfill.
  - Would like to determine the composition of residents refuse to try and decrease tonnage.
  - Diversion rates remain about the same over the past few years.

PLAN MONITORING ADVISORY COMMITTEE  
SOLID WASTE MANAGEMENT PLAN REVIEW MEETING

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May 4, 2022

**NEXT MEETING**

The next meeting has been scheduled for November 2022, with date to be confirmed with members of the committee.

**ADJOURNMENT**

M/S Jon Mills/Ron Oszust THAT:  
the meeting be adjourned.

CARRIED

The meeting was adjourned at 11:45 AM.