



JOINT BIOSOLIDS ADVISORY COMMITTEE

TUESDAY, MAY 3, 2022 AT 10:00 A.M.

VIA ZOOM

AGENDA

1) ORDER

2) LAND ACKNOWLEDGEMENT

As Chair of the Joint Biosolids Advisory Committee, and in the spirit of this gathering, I recognize the Cities of Vernon and Kelowna are located in the traditional territory of the Syilx people of the Okanagan nation.

3) ADOPTION OF AGENDA

4) ADOPTION OF MINUTES

October 6, 2021 Regular (attached)

5) UNFINISHED BUSINESS:

- a) 2021 Summary
- b) Leachate Management Update
- c) Odour Management Update
- d) Kelowna & Vernon Biosolids Update

6) NEW BUSINESS

- a) Proposed Okanagan Gondola
- b) In-Person Meetings

7) DATE OF NEXT MEETING:

The next meeting is tentatively scheduled for October 2022; location, time and date to be determined.

8) ADJOURNMENT



MINUTES OF THE JOINT BIOSOLIDS ADVISORY COMMITTEE

HELD WEDNESDAY, OCTOBER 6, 2021

PRESENT: VOTING – all attended via zoom
Kelowna Councillor Ryan Donn, Chair
Kelowna Councillor Loyal Woodridge
Vernon Mayor Victor Cumming

ABSENT: Kelowna Councillor Gail Given
Vernon Councillor Scott Anderson
Rod McLean, Utility Planning Manager, Kelowna

STAFF: Jose Garcia, Biosolids Supervisor, Kelowna
Kevin Van Vliet, Utility Services Manager, Kelowna
Scott Hoekstra, Landfill and Compost Manager, Kelowna
Chris Ovens, General Manager, Public Works, Vernon
Serge Kozin, Manager, Water Reclamation Centre, Vernon
Natasha Kositsin, Legislative Secretary, Vernon

ORDER The Chair called the meeting to order at 9:03 a.m.

ADOPTION OF AGENDA Moved by Mayor Cumming, seconded by Councillor Woodridge:

THAT the agenda for the Joint Biosolids Advisory Committee meeting of Wednesday, October 6, 2021 be adopted.

CARRIED.

ADOPTION OF MINUTES Moved by Mayor Cumming, seconded by Councillor Woodridge:

THAT the minutes for the Joint Biosolids Advisory Committee meeting of Wednesday, April 21, 2021 be adopted.

CARRIED.

NEW BUSINESS:**2021 UPDATE**

Jose Garcia, Biosolids Supervisor provided an update of the first two quarters of 2021 and the following points were noted:

- The Regional Compost Facility has processed 16,380 MT of biosolids in H1
- Sold 30,180 m3 of Oogrow in 2021, nearing the total volume sold in all of 2020 (32,423 m3)
- \$226,100 in sales revenue H1 2021 and \$281,550 sales revenue in all of 2020
- Limited bulk sale October 2021 to February 2022

**LEACHETE/ODOUR
MANAGEMENT UPDATE**

Jose Garcia, Biosolids Supervisor provided an update on the Odour and Leachate Management and the following points were noted:

Leachete Management

- Residual sludge from the pond-lining project was removed for off-site disposal
- Waste debris remaining from the project was also removed recently and the site was regraded
- Hydroseeding and fencing around pond to be completed this fall

Odour Management

- Envirosuite odour monitoring system installed in August and is operational
- Training and technical adjustments in September
- Wind direction from the weather station makes predictions on odour migration
- Have an incident reporting module for when we receive complaints, will predict the odor source using weather and location data. Has not been tested yet
- Misting odour control system was in its first year of operation from May to October so just getting ready to winterize it
- Can only run it using summer water from MacKay reservoir and when temperatures are above freezing
- Had a successful first year
- Six odour reports for H1
- Operational improvements with the misting system, had some issues with the pond as it created some odours

Capital projects

- 1200 sq. m of paving completed which is required by permit
- Pond sludge removal project went ahead of schedule and within budget
- Outside tipping bay construction planned for fall and over the winter to give some flexibility if we cannot use the mix building
- Mix building renewal project Summer of 2022

**VERNON/KELOWNA
BIOSOLIDS UPDATE**

Jose Garcia, provided an update on Vernon and Kelowna biosolids. The following points were noted:

Vernon

- High-rate Anaerobic Digester
- Have tendered in and contract has been awarded
- Work to start later this month

Kelowna

- Waste Water Treatment Facility will start diverting biosolids to a compost facility near Princeton this month
- Anticipating to divert 3000 MT to start (9% of total biosolids received annually)
- Works out to three truck loads once a week – truck cost includes tipping fee and cheaper than shipping to Vernon
- The benefits are: prolong life of facility, reduce surplus product and immediate need for digester
- Digester business case review to finalize the scope
- Conceptual design will come out next year
- 4 to 5 years out still

NEXT MEETING

The next meeting is scheduled for April 2022 from 9 – 10 a.m. via zoom.

ADJOURNMENT

The meeting of the Biosolids Advisory Committee adjourned at 9:25 a.m.

CERTIFIED CORRECT:

Chair