



MINUTES OF THE JOINT BIOSOLIDS ADVISORY COMMITTEE

HELD THURSDAY, OCTOBER 26, 2017

PRESENT: VOTING

Kelowna Councillor Ryan Donn
Kelowna Councillor Gail Given
Kelowna Councillor Brad Sieben (via telephone)
Vernon Councillor Scott Anderson
Vernon Councillor Dalvir Nahal

ABSENT: Vernon Mayor Mund

STAFF: Shirley Koenig, Director, Operation Services, Vernon
Kevin Van Vliet, Utility Services Manager, Kelowna
Gordon Light, Former Biosolids Supervisor, Kelowna
Jose Garcia, Biosolids Supervisor, Kelowna
Serge Kozin, Manager, Vernon Water Reclamation Centre
Janice Nicol, Legislative Committee Clerk, Vernon

ORDER

The Chair called the meeting to order at 10:05 a.m.

**INTRODUCTION AND
THANK YOU**

The new Biosolids Supervisor, Jose Garcia, was introduced to the Committee. Jose will be taking over as the Biosolids Supervisor as Gord Light moves to another position.

The Committee thanked Gord for the wealth of knowledge and assistance he has provided over the past years,

**ADOPTION OF
AGENDA**

Moved by Councillor Anderson, seconded by Councillor Given:

THAT the agenda for the Biosolids Advisory Committee meeting of Thursday, October 26, 2017 be adopted.

CARRIED.

**ADOPTION OF
MINUTES**

Moved by Councillor Anderson, seconded by Councillor Given:

THAT the minutes for the Biosolids Advisory Committee meeting of Tuesday, April 4, 2016 be adopted.

CARRIED.

Councillor Nahal entered the meeting at 10:12 a.m.

UNFINISHED BUSINESS:

**MINISTRY OF
ENVIRONMENT PERMIT
– NEW ODOUR
MANAGEMENT AND
LEACHATE FACILITY
MANAGEMENT PLANS**

At the April 4, 2017, the Committee discussed changes to the Ministry of Environment's (MoE) composting regulations and permit requirements. A meeting was held at the Biosolids Facility on April 6, 2017 with MoE staff. The following points were noted:

- The Permit has been finalized. There are a number of requirements, some have been completed while others have been added to Kelowna's budget. The Permit, issued July 12, 2017, authorizes discharge into the air only.
- Review of Conditions of Permit
 1. Must suppress odours within the compost area to the satisfaction of the Director – permit is open-ended;
 2. Must implement secondary odour treatment for the primary composting area. This secondary odour plan (\$75,000 budgeted) must be selected by October 31, 2018 and implemented by June 30, 2019 – otherwise piles must be covered;
 3. Update existing Design and Operating Plan – due May 31, 2019;
 4. New Leachate Management Plan required – all leachate from facility must be directed to a new leachate collection system. A plan must be selected by November 30, 2017 and the existing system must cease operation by October 31, 2018. The cost is between \$500,000 and \$1.5M. A leachate management system plan is underway at a cost of \$26,310;
 5. Update existing Odour Management Plan by November 30, 2017 (cost is \$20,000, work already underway);
 6. Provide an Air Emissions Review Study by March 31, 2018 (cost could be upward of \$40,000 if air sampling is required).

Moved by Councillor Anderson, seconded by Councillor Given:

THAT the Joint Biosolids Advisory Committee add *Discussion of Biosolids Management Study* to the Agenda under Unfinished Business.

CARRIED.

**BIOSOLIDS
MANAGEMENT STUDY**

At the April 4, 2017 meeting, Tim Phalen, of Opus DaytonKnight Consultants Ltd., provided a PowerPoint presentation on the status of the Strategic Biosolids Study. City of Kelowna and Vernon Councils received presentation regarding this study in April 2017. public engagement process took place earlier in the year. The following points were noted:

- The Biosolids Management Study Draft is being finalized;
- Public consultation took place in the Spring, overall response was neutral;
- Plan currently recommends Digestion, although location and options are still to be decided;
- Cost would be between \$25 and \$40M but would produce a Class A or B biosolids, would reduce the amount of waste being shipped to the Biosolids Composting Facility (BCF);
- Study also examines land application on City owned properties in an effort to reduce risk and be more self-sustaining;
- A reduction in biosolids would also reduce the volume of hogfuel required;
- \$300,000 has been budgeted for the next phase of study - conceptual designs, options and a more detailed cost estimate.

The Committee agree this is a regional problem with no immediate solution. Would like to review Draft Biosolids Management Study prior to presentation to respective Councils.

A Special Meeting of the Joint Biosolids Advisory Committee to take place on November 23 from 10 a.m. to noon to review Draft Biosolids Management Study.

To coincide with the City of Vernon's budget process, it was suggested that a presentation be made to Vernon Council at their November 27, 2017 Meeting.

NEW BUSINESS:

**COMPOST SALES AND
BYLAW AMENDMENT**

The Committee reviewed the Ogogrow Inventory vs. Amount Sold and the Ogogrow Financials. The following points were noted:

- Ogogrow inventory continues rise while sales continue drop. This has been the trend since 2015, down to 2013 levels to date.
- The draft budget proposes a sales associate, for up to three years, to assist with sales and marketing of Ogogrow. Salesperson will be marketing both in and out of area and with existing customers.
- The Compost Sales Bylaw has been amended to allow for negotiated pricing for purchases outside marketing area with some success.
- Need to explore opportunities – Opus Study suggests utilizing compost on City owned and managed lands, reducing reliance on hogfuel.
- Although the proposed UBCO study to research tree growth treated with Ogogrow did not proceed, there is still a possibility of application to tree planting areas although hauling costs must be considered.
- A combination of land application on City properties and an increase in sales would alleviate excess product.

**BUDGET – 2017
INFORMATION AND
2018 OPERATING AND
CAPITAL**

The Committee reviewed the 2017 Budget information and 2018 Operating and Capital figures. The following points were noted:

- Revenue was budgeted to be 3.1M without land application but ended up at 2.6M.
- 2018 – by reducing contracting services for land application – will be 3.0M, down from 3.1 million in 2017.

INFORMATION ITEMS:

ODOUR REPORTS

Gord Light, former Biosolids Supervisor for the City of Kelowna, reviewed odour reports including odour complaints from residents. Odour reports by month and reports from the OdoWatch monitor were also reviewed. The following points were noted:

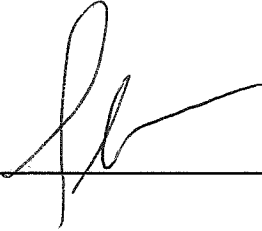
- On pace with 2016 levels with 72 complaints, a number of complaints a result of the leachate pond turning septic during the hot, dry weather this summer.
- It is anticipated that this problem will be resolved by treating the leachate in a different manner.

The next meeting is to be November 23, 2017 at 10 a.m.

ADJOURNMENT

The meeting of the Biosolids Advisory Committee adjourned at 11:15 a.m.

CERTIFIED CORRECT:


_____ Chair