



THE CORPORATION OF THE  
DISTRICT OF SUMMERLAND  
**INFORMATION REPORT**

DATE: February 14, 2019 FILE: 5330-163  
TO: Linda Tynan, Chief Administrative Officer  
FROM: Candace M. Pilling, Solid Waste and Recycling Operations Project Manager  
SUBJECT: Organics Infrastructure Fund Application Information

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STAFF RECOMMENDATION:

That council pass the following resolution:

***THAT the "Organics Infrastructure Fund Application Information" report dated February 14, 2019, be received for information;***

***AND THAT staff be directed to invite GHD Ltd. to the March 18, 2019 Committee of the Whole meeting to provide council with further information on the the proposed Summerland Organics Processing Facility and the Organics Infrastructure Project Fund application.***

PURPOSE:

To receive information and an update regarding the Organics Infrastructure Program (OIP) Fund Expression of Interest and application and to consider inviting GHD Ltd., the consultant working on the proposed Summerland Organics Processing Facility, to present information and provide the opportunity for council to ask questions about the project and the application at the March 18, 2019 Committee of the Whole.

BACKGROUND and DISCUSSION:

During the July 27, 2018 council meeting staff introduced the OIP Funding opportunity to council. The OIP Fund will provide two-thirds of an approved project's eligible costs in support of infrastructure projects in BC that process municipal and/or agricultural organic wastes for beneficial re-use. The funding is available to local governments in BC only.

Council directed staff to submit an Expression of Interest (EOI) to the OIP Fund for a proposed Summerland Organics Processing Facility at the Summerland Sanitary Landfill and, if determined to be viable, move forward with the removal of organic waste from residential garbage for composting and sale.

In October 2018, the District retained GHD Ltd. for Phase 1 of the Summerland Organics Processing Facility Project, this was to help the District prepare for the EOI including investigating organic waste removal. As organic waste removal from residential garbage was found to be viable, a proposal has been prepared and an EOI was submitted for a dual-stream (separated organic waste and biosolids) composting operation facility that would help rectify the non-

compliance issues regarding our current composting operations identified in the November 2017 and December 2018 letters from the Ministry of Environment and Climate Change Strategy.

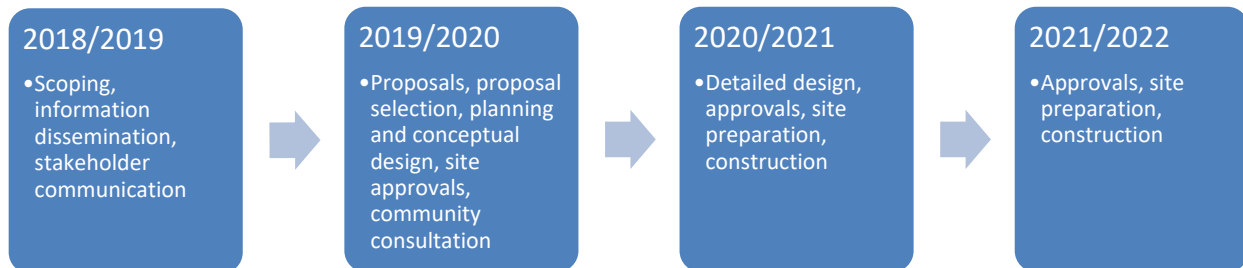
The District has been notified that the EOI submission was successful. The District has been invited to submit a grant application for the OIP Fund for the proposed Summerland Organics Processing Facility.

Following are the application and program timelines.

*Organics Infrastructure Program Fund Application Timeline:*



*Organics Infrastructure Program Fund Overall Timeline:*



As time is limited until the closing of the grant application, the District needs to determine the preferred size and scope of the project and move forward with the next steps for the proposed Summerland Organics Processing Facility. Due to the complexity and many facets of the project, staff recommend inviting GHD Ltd. to the March 18, 2019 Committee of the Whole to present information about the different options for this project. This will provide council with the opportunity to ask questions regarding the proposed Summerland Organics Processing Facility Project and OIP Fund. GHD Ltd. will present the following information:

1. Background information;
2. Project rationale;
  - a. Compliance;
  - b. Infrastructure investment;
  - c. Climate action objectives
3. Organic waste removal:
  - a. Residential and agricultural organic waste removal - estimated quantities;
  - b. Environmental, GHG emissions reductions, and community resiliency benefits;
  - c. Impact to the Summerland Sanitary Landfill;
    - i. Life span;
    - ii. Delay of future gas collection requirements at the Landfill;
  - d. Impact to the curbside collection program;
4. Discuss the scope options investigated and provide size, possible sites, benefits, and drawbacks;

5. Discuss what, if any, expected impacts the proposed Summerland Organics Processing Facility will have on traffic and the road system;
6. High-level cost estimate and life-cycle costing for two most suitable scope options;
7. The next steps once scope decided:
  - a. Odour impact assessment and modeling; detailed design; and funding application;
  - b. Public consultation and communication – to be done concurrently with design to meet the short grant timelines;
8. Plans for uses of the end product and educational component of project;
9. What will be required of the District to bring the current composting operations into compliance should we not move forward, or should we not receive grant funding (high-level discussion);
10. Staff recommendations and indication of what staff will be requesting approval for at the March 25, 2019 council meeting.

As organic waste forms a significant portion of the waste stream (BC average is 27.4%) and of Summerland's GHG emissions profile (>40%), staff are scheduled to attend the next Community Climate Action Committee meeting, March 12, 2019, to discuss the high-level project objectives and request support in principle of the proposed Summerland Organics Processing Facility Project and OIP Fund application.

#### LEGISLATION and POLICY:

The proposed Summerland Organics Processing Facility Project supports the following Strategic Priorities; Infrastructure Investment and Community Resilience. Reduction of waste to landfill and the associated GHG emissions from that waste (most of which originates from organic materials not currently diverted from the waste stream) are also identified in the Official Community Plan and Community Climate Action Plan as initiatives the District should pursue to reach their climate action goals. The proposed Summerland Organics Processing Facility will also help to address several issues of non-compliance at the landfill, as identified by the Ministry of Environment and Climate Change Strategy.

#### FINANCIAL IMPLICATIONS:

At the March 25, 2019 council meeting, staff will be requesting recommendation and early budget approval to retain GHD Ltd. for the remaining consulting phases of the proposed Summerland Organics Processing Facility Project in preparation for the submission of the Organics Infrastructure Program Fund grant application.

#### CONCLUSION:

The Ministry of Environment and Climate Strategy Change has approved the District of Summerland's Expression of Interest for the Organics Infrastructure Program Fund and invited the District to submit an Application for the proposed Summerland Organics Processing Facility.

OPTIONS:

1. Move the motion as recommended by staff.
2. Refer back to staff for other options.

Respectfully Submitted,



Candace M. Pilling, AScT, PMP  
*Solid Waste and Recycling Operations Project Manager*

Approved for Agenda



Linda Tynan, CAO