



ENVIRONMENTAL TASK GROUP

THURSDAY, MARCH 11, 2021 AT 7:00 p.m.

REMOTE VIDEO CONFERENCE

A G E N D A

1) **AGENDA**

Adoption of the March 11, 2021 agenda.

2) **MINUTES**

Adoption of the minutes of the Environmental Task Group meeting held February 11, 2021.

3) **BUSINESS ARISING FROM THE MINUTES**

- Existing EV station inaccessible in City parkade, adding additional EV Stations in various locations on City Property?

4) **FOR DISCUSSION**

- a) Review improving sorting of the 3 streams, garbage, food waste and recyclables, at City Events with the City's Event Co-ordinator, Tera Edell.
- b) Review of Street Scape containers information in PowerPoint.
- c) Review Terms of Reference and members idea list (attached in email to the March agenda package) and select task group priority items.

ADJOURNMENT

2021 MEETING DATES

Apr 8, May 13, Jun 10, Jul 8, Sep 9, Oct 14, Nov 11, Dec 9

Please notify Janine Clough at jclough@langleycity.ca of your **confirmed attendance** to be able to meet the quorum requirements to hold this meeting.



MINUTES OF THE ENVIRONMENTAL TASK GROUP

REMOTE VIDEO CONFERENCE

THURSDAY, FEBRUARY 11, 2021 at 7:00 P.M.

Present: Councillor Rosemary Wallace, Chair
Councillor Paul Albrecht, Vice Chair,
Nicole Marples, Langley Environmental Partners Society
Lisa Dreves, Langley Field Naturalists
Ellen Hall, Member at Large
Lisa Stephens, Member at Large

Staff: Rick Bomhof, Director of Engineering, Parks & Environment
Janine Clough, Recording Secretary

Absent: David Chang, Post-secondary Institution

1) **ADOPTION OF THE AGENDA**

MOVED BY Member Hall
SECONDED BY Member Marples

THAT the February 11, 2021 agenda for the Environmental Task Group be adopted.

CARRIED

2) **MINUTES**

MOVED BY Member Hall
SECONDED BY Member Marples

THAT the November 12, 2020 minutes of the Environmental Task Group meeting be adopted.

CARRIED

3) **BUSINESS ARISING FROM THE MINUTES**

None

4) **DISCUSSION**

- a) Introduction of new member**
 - Chair welcomed Lisa to the Task Group
- b) 2020 Zero Waste Conference**

Chairs summary of information gathered at the Annual Zero Waste Conference hosted by Metro Vancouver, partnering with the National Zero Waste Council took place November 13, 2014

This conference had numerous presenters talking about innovation, intention and organizations around the world that are leading in 'best practices' to reduce the carbon footprint.

- Build back better – a reference to what has been learned from COVID
 - Build with intention, lead by example, curiosity, innovation, entrepreneurship
 - Design for a better environment through exploring what others are doing in keeping in mind the life cycle of a product?
 - Circularity - designing smartly at the onset.
 - Consumer responsibility, packaging, materials used, carbon footprint.
 - Loop back where carbon is captured.
 - Kenya has banned plastics
 - Concrete-second most used material, 8% co2
 - Bio Fabrication – Fabricating with biology, living organisms, bio technology, proteins grown by bacteria. Microbes – nutrient rich liquid reducing water. Mycelium materials.
 - Learning and not taking away from nature by copying and creating sustainable products.
 - Learn through designing together with nature.
 - Step code, environmental forestry, sustainable pulp production
 - Divest in Fossil Fuels and radically reduce the production of plastic.
 - The importance of the Indigenous perspective, the knowledge keepers of the land and water
 - Designs that embrace the 5 R's: Refuse, Reduce, Reuse, Repurpose and Recycle.
- c) Review of Street Scape containers – deferred to March 11th meeting**
 - d) The City of Langley to change the current bylaw and require new builders to provide more charging stations.**

The following information was shared by Development Services:

- The City currently requests a minimum of 2 installed charging stations/stalls, plus the remainder of parking stalls to be preducted to enable future charging station installation.
- In the new draft OCP, there is a policy in 2.27 that 'requires level 2 charging stations, as set out in the Zoning Bylaw'
- We are currently considering for our new Zoning Bylaw that 10 percent of all parking stalls in a development to have level 2 chargers, in order to start implementing policy 2.27 noted above; with

consideration for increasing this percentage when the Zoning Bylaw is reviewed (ie. every 2 years) to meet market demand.

- Recently we have had new applications providing more than the minimum 2 charging stations. An 88-unit apartment on Eastleigh is providing 6 installed chargers, and a 68-unit apartment on 207 Street is providing 10 installed chargers. Both apartments will have producing as well for all remaining parking stalls.
- we are now typically asking for more than 2 installed chargers for each new development coming in, recognizing that we are heading towards the 10 percent requirement, which would equate to about 7 to 20 stalls per development, depending on number of units in each development.

There was discussion about the signs on 56 Ave about EV stations at City Hall, which are very deceiving because they are locked in the underground parkade.

ACTION: Ask staff to look into installing EV charging stations on city property in various locations of the city that would be accessible 24 hours a day. Are there grants available from province or BC Hydro for this?

5) OTHER BUSINESS

- Review priorities previously set out by the Task group at the March meeting.

ACTION: The Nicomekl River Survey page does not have the survey end date on it. This link has been shared other websites and the Feb 21 deadline needs to be added.

ACTION: Will the recording of the OCP presentation on Feb 10, 2021 be uploaded to the website for viewing?

6) ADJOURNMENT

MOVED BY Member Hall
SECONDED BY Member Stephens

THAT the meeting adjourn at 8:11 pm.

CARRIED

CHAIR

Certified Correct:
jc

RECORDING SECRETARY



Terms of Reference Environmental Task Group

1.0 Background:

City Council recently amended the goal statement for one of the key result areas – Environment:

We continue to focus on protecting, promoting and enhancing environmental assets in the community and active in achieving the Zero Waste goals.

At the Blue Sky Session City Council proposed a number of environmental initiatives and programs for consideration and implementation. One of the ideas arising from the Blue Sky Session was the establishment of an Environmental Task Group to evaluate and recommend to City Council bylaws and policies related to the protection and enhancement of the environment.

2.0 Mandate:

The mandate of the group includes, but not limited to, prioritize, evaluate and develop a business case for the implementation of various environmental initiatives and programs such as:

- ✓ Install rain barrels for watering plants
- ✓ Promote business solid waste and recycling education program and incentives
- ✓ Create a bylaw to ban plastic bags
- ✓ Promote landscape and environmental features on boulevards by residents, businesses and developers, ie. food “security”, bee/butterfly gardens
- ✓ Promote landscape, garden and environmental ideas for multi-family home owners
- ✓ Use goats for weed control
- ✓ Install 'real' grass on boulevard
- ✓ Provide netting at storm outfalls to catch garbage
- ✓ Work with LEPS and gardening shops to educate residents on controlling invasive species
- ✓ Create an Urban Forest
- ✓ Dealing with dog waste

The group may undertake multiple initiatives. However, the group shall undertake only one initiative at a time if staff resources are required.

3.0 Composition:

3.1 Membership:

- Two voting members of City Council to be appointed by the Mayor
- One voting member from the Langley Field Naturalists
- One voting member from the Langley Environmental Partners Society
- One voting member representing youth
- One voting member from a post-secondary institution
- Two voting members from the community at-large

The Chair and Vice-Chair shall be members of City Council.

3.2 Staff Liaison

- One City of Langley staff to be appointed by the CAO
- Additional staff and/or consultants may be invited to provide technical advice and assistance

3.3 Affiliated Agencies:

Representative(s) from the Affiliated Agencies will be requested to provide expert advice when deemed appropriate to assist the Task Group to fulfill its mandate.

4.0 Reporting Relationship:

The Group will report to City Council through its meeting notes and by making recommendations to City Council.

5.0 Accountability:

The Group is accountable to City Council. The Group will not have the authority to give direction to staff or to commit to expenditures of funds. Action recommended by the Group must be done so by resolution to City Council and with their approval prior to implementation.

6.0 Administration:

The City of Langley will provide administrative support to the Membership to carry out the mandates of the group.

7.0 Meetings:

The Group will meet on a regular basis at the call of the Chair but not less than (4) times per year, in a facility provided by the participating partners.

A quorum shall be a majority of the total voting membership.

8.0 Terms:

The terms of the group shall cease on December 31, 2021. The terms may be extended by City Council to allow the group to fulfill its mandate.

On Nov 22, 2020, at 2:21 PM, [REDACTED] wrote:

Hi Rosemary these are a few of my ideas for 2021:

1. I would like to see some kind of designation to recognize business in Langley that are making an effort to help reduce their impact on the environment. (I know this has come at a meeting but perhaps we could revisit it
2. Partner with maybe township to offer a repair cafe that is maybe covid friendly
3. Partner with secondary/ middle school to design and up cycle an item of clothing. Maybe some type of contest
3. Partner with secondary or middle Tech Ed to create something that has been up cycled
4. Increase our liaison with Kwantleen. I know student rep but I don't think they have attended meetings in a while (since June)
Maybe we could do some type of project ?? Does our local Kwantleen college have an environmental studies program?
5. Maybe city could offer a class on Bees wax wrappers or Home made safe cleaners, canning and jam making classes. I know Leps has offered these with city in past
6. Organize a cleanup of flood plain? John Aldag did organize one a few years ago that I attended. A real eye opener. Even though I frequently walk or run in that area, I was surprised by how much garbage we took out of a small section

I know we have covid but I think we still can maybe get creative and offer these in a covid friendly way

[REDACTED]

Sent from my iPhone

Mason Bee Houses in Sendall Gardens

Two Mason Bee houses will be installed at Sendall Gardens this season. This will be the fourth year that they have been installed. A year or so ago I recall there was a question from a Council member about the installations so I thought I'd send this to you beforehand. Please see the email below from [REDACTED] who installs the houses, and where he notes the challenges he faces and his passion for doing this. You can also find more information at masonbeecompany.com.



Bees are in rapid decline, putting our food supply in great danger. One out of every three bites of food we consume is pollinated by bees. One Mason Bee visits approximately 1800 flowers a day with a pollination success rate of 99%, in comparison one Honeybee visits approximately 700 flowers a day with a success rate of 5% only in pollination.

Mason Bees are non-aggressive, will not swarm and only sting when trapped in your hand or under clothing. If you do get stung it's only like a mosquito bite. They only fly approximately 300 feet from their nesting condo which makes them excellent pollinators for family gardens flowers and fruit trees.

My goal is to make more people aware of the Mason Bee concepts and create an excitement and awareness of this super pollinator that we need so badly.

Over the last few years I have placed 4 mason bee houses in Sendall Gardens with 75 cocoons in each home. Two years ago I almost broke even harvesting the same amount of cocoons that were placed. Last year a new predator, The Houdini Fly, entered my Mason Bee homes and destroyed about 95% of the baby Mason Bee cocoons.

For me this is not a business, it is a retirement hobby. I designed and made my own Mason Bee homes which I'm selling off my website and some of my signs that I placed in parks to help me recover some of my expense. Nothing is ever sold on city property. Last year I invested approximately \$300+ in Mason Bee cocoons, gasoline for my vehicle and providing the Mason Bee homes. It is becoming quite an expensive hobby and the sale of my products is not nearly enough to cover my expenses.

I have not 100% decided whether I'm prepared to place my Mason Bee homes in Sendall Gardens this year. The financial loss is not very appealing to me. What is however appealing is that your staff is very excited about the Mason Bee houses in the park, and we get great public feedback. At the end it's all about educating the public, I just don't know how long I will be able to afford to do this.

Thanks,

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