

Township of
Langley



Est. 1873

Langley Events Centre Aiming for Zero Waste

TEN feet
SPORTS AND
ENTERTAINMENT

January 2014

Langley Events Centre

The LEC is home to the Vancouver Stealth of the National Lacrosse League, Trinity Western University Athletics (Basketball, Volleyball and Hockey), the Langley Rivermen of the BC Hockey League, the Langley Thunder of the Western Lacrosse Association, the Langley Junior Thunder of the BC Junior A Lacrosse League, the Fraser Valley Phantom major midget girls hockey program and the Valley West Hawks boys major midget hockey team.



Venue Information

Location: Langley, BC Opened: April 2009
Size: 322,312 square feet; arena bowl accommodates 5,276 fans
Uses: local, provincial & international sporting events, special events, meetings, banquets, trade shows, concerts, festivals, fitness & gymnastics training

Aiming for Zero Waste

The Langley Events Centre (LEC) is becoming greener with the implementation of a comprehensive waste management program, making it the first mid-sized arena in the region to do so.

The Township of Langley has a formalized corporate recycling program, called Responsible. The program supports a specific environmental

goal of the Township’s Sustainability Charter: Practice the 3Rs – Reduce, Reuse, and Recycle. To expand the Responsible program to all Township facilities, the Township, in partnership with Ten Feet Sports and Entertainment, developed and implemented a comprehensive solid waste management program at LEC.



The Langley Events Centre is an exciting place for sports, recreation, and entertainment. Now it will also be known as an environmental leader, thanks to this comprehensive new recycling program.

The Township of Langley is a community where people are proud of where they live, work, and play. Now it will be easier to take care of the world around us when visiting this facility. Whether you are coming to the Langley Events Centre to watch a game, work out at the gym, or take your kids to pre-school, please use the specialized recycling bins and help keep our community green.

Everyone has a role to play when it comes to protecting the earth for future generations and we look forward to seeing the positive impact this program will have.

Mayor Jack Froese, Township of Langley

Significant changes/additions were made at LEC including:

- ♻️ zero waste stations placed throughout the facility
- ♻️ outdoor recycling receptacles installed
- ♻️ construction of a waste and recycling area
- ♻️ organics collection (food waste and paper towel)
- ♻️ single stream recycling, providing opportunities for staff and the public to recycle paper, cardboard and containers
- ♻️ collection program for batteries, electronics, light bulbs, power tools, small appliances, soft plastics, and Styrofoam
- ♻️ single serve items and non-recyclable packaging were replaced with greener options, i.e. bulk mustard and ketchup and compostable popcorn bags
- ♻️ the development of a comprehensive education and advertising campaign, including promotional and educational posters and a video featuring local sports teams recycling and using the stations



"The recycling program at the Langley Events Centre is another step for the facility to become a leader in the industry. Our facility has had great success with the hosting of sporting events including the World Jr. A Challenge, Continental Cup of Curling, and BC High School Provincial Basketball Championship, to name a few. This program will create more awareness in the community and will hopefully become a catalyst for the future development of programs in other facilities."

Jamie Rennie, Director, Facility Operations
Langley Events Centre

Zero Waste Contact Information

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Steps Taken for Zero Waste

Step 1. Waste Audit

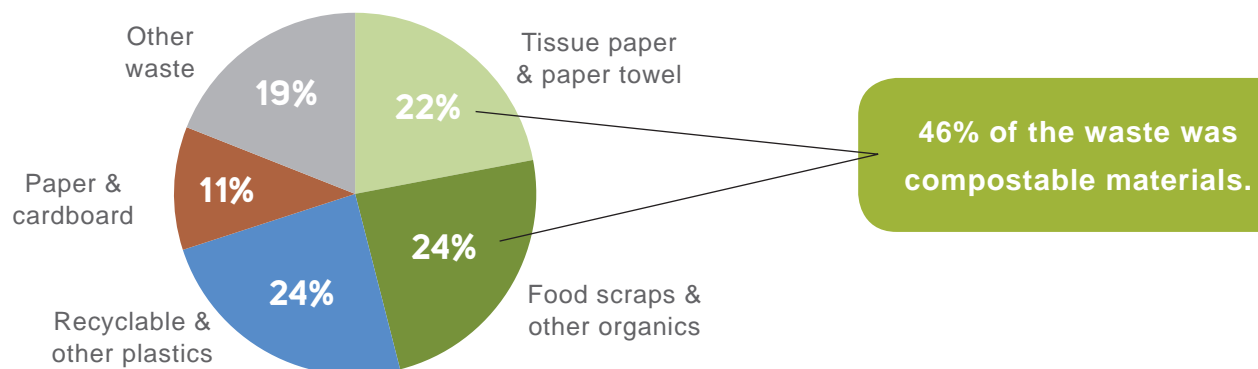
In August and September 2012, three waste characterization audits were completed at LEC.

The audits were conducted:

1. during regular LEC activities
2. following an event held in the arena bowl
3. following a wedding in the banquet hall

This series of audits was completed to capture the waste types and volume during different events and daily operating times.

Based on the results from the three waste characterization audits (see chart below) it was evident that compostable organic materials comprised a significant component of LEC's waste stream. Therefore, implementing an organics diversion program would significantly reduce the amount of waste sent to landfill by LEC.



Step 2. Stakeholder Engagement

Workshops were hosted with representatives from the various LEC user groups and sports teams to identify the main challenges of LEC's current program and to gather feedback on the implementation of a new program.



Meeting with these stakeholders provided vital information.
For example: the gymnastics centre now recycles its foam pit materials, where previously, the foam ended up in the garbage.

Step 3. Back of House Operations

A new waste and recycling room was constructed. The garbage, recycling and cardboard containers and organic toters are housed in this new area prior to collection by the contractor.

A new collection program has been established in the back of house for product stewardship materials and other recyclable items. This collection program will now divert additional materials generated by LEC’s kitchen, concessions and day-to-day operations. These materials are collected in separate toters in LEC’s garbage room. When full, toters are picked up by Township of Langley staff for proper disposal.



Batteries & Lightbulbs



Power Tools & Outdoor Equipment



Electronics



Small Appliances



Film Plastics



Styrofoam



Since the installment of various recycling programs, garbage collection at the facility has significantly decreased.

Garbage is now collected in clear bags. This provides easy identification of recyclable and compostable materials.



Large garbage cans have been removed from staff offices and replaced with a blue box, mini organics can and mini garbage can.

Step 4. Green Purchasing

By purchasing green, waste produced in the food and beverage areas of the facility was minimized. Most items were replaced with compostable alternatives that have allowed the program to be more user-friendly.

Single serve items and non-recyclable packaging has been replaced with greener options. The facility has:

- switched to bulk mustard and ketchup
- purchased compostable popcorn bags, fry boats and pizza trays



LEC purchases 100% recycled paper towel and toilet paper and uses environmentally-preferred cleaning products that are EcoLogo certified.



Step 5. Education & Training

Education for staff and public users was essential to the success of this program. Education and outreach includes training of staff and tenants and the education and awareness activities associated with communicating relevant information to public users of LEC.



- A comprehensive guide outlining the program details was produced for staff.



- Multiple training workshops were provided for staff.

- New program signage was created. Fans and users are now asked to sort their waste into three main streams:



Single stream recycling has been implemented throughout the facility, allowing for the recycling of paper, cardboard and containers by staff and the public.

Step 6. Zero Waste Stations

Over 36 Zero Waste Stations have been placed in public areas of the Langley Events Centre. Fans and users of the facility are asked to sort their material into proper containers in support of LEC's aim for Zero Waste.



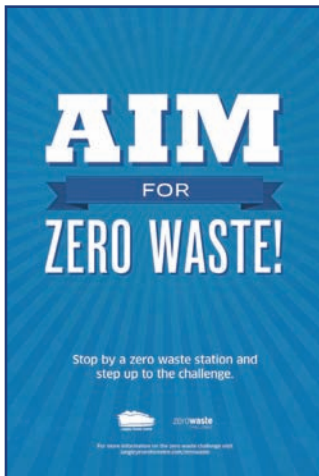
Zero Waste Stations are made out of recycled milk jugs.

Food scraps, soiled paper products and paper towel will be turned into compost.

- New outdoor recycling receptacles were installed to create a consistent program, both inside and out.

Step 7. Program Implementation

Steps 1 through 6 were completed in approximately one year. In September 2013, the program was ready for unveiling to the public. An advertising campaign was created to encourage fans to participate in the program. The campaign includes promotional and educational posters, volunteers and staff engaging with fans and a video featuring local sports teams recycling and using the stations.



Aiming for Zero Waste




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zerowaste
CHALLENGE

For more information on the zero waste challenge,
visit LangleyEventsCentre.com/zerowaste

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