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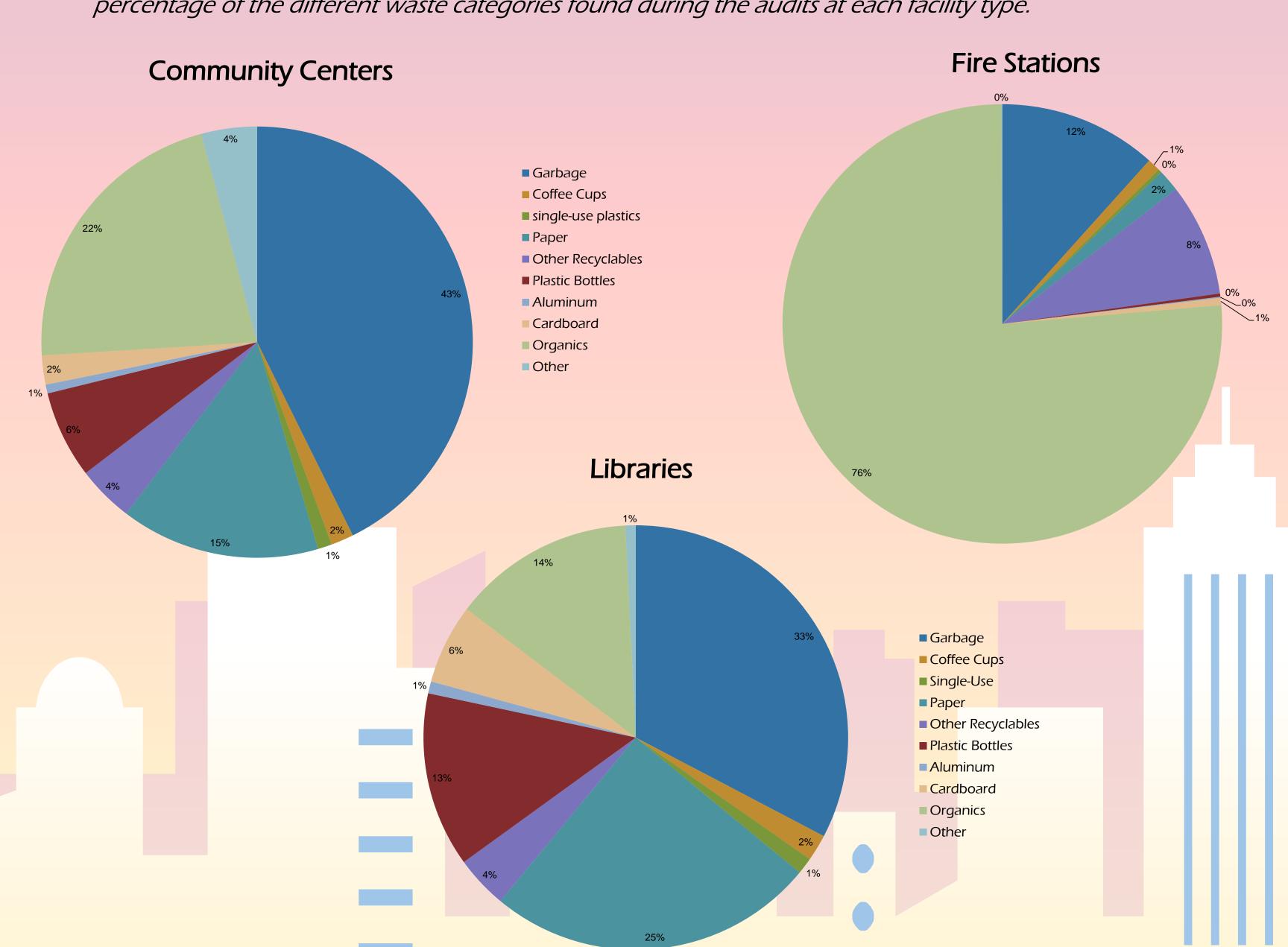
Environment Division Intern

Role & Responsibilities

- Further develop the City's 6-year corporate waste management plan, and the Living Green Master Plan.
- Assess opportunities for the City to embrace sustainable procurement, and to reduce waste and single-use plastic.
- Conduct waste audits at various City owned facilities.

Corporate Waste Audits

My team and I conducted waste audits at various facilities within the City of Mississauga; including 10 community centers, 20 fire stations, and 5 libraries. Shown below is an average percentage of the different waste categories found during the audits at each facility type.



Industry Challenges

- Budgetary constraints as a result of municipal, provincial and federal government priorities.
- Internal & external stakeholder engagement and buy-in is imperative for project advancement.
- Rigorous project approval process.

■ Coffee Cups

■ Plastic Bottle

Paper

Other

Not all City staff members and residents are willing to make an effort to reduce their waste.

Key Takeaways

- Plastic cutlery, straws, and coffee cups create the most contamination in the recycling stream of City facilities as a result of human error.
- Plastic water bottles, paper, and styrofoam containers create the most contamination in the garbage stream of City facilities as a result of human error.
- Educating and promoting waste reduction to all levels of staff is important in achieving corporate waste diversion goals.

Sustainable Procurement: Reduce & Ban Single-Use Plastics

Comparison of velocity list of items from suppliers to facility waste audits to determine 'top offending' singleuse plastics.

Evaluation of bylaw/policy options of charging for disposable containers at some facilities.

Full strategy implementation strategy, including: procurement, signage, outreach and engagement

Completion of waste audits and report cards to determine progress toward goals,

2019

2018

2020+

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