



# COMPOST IN LISTUGUJ

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2017 - Waste Management Plan and First Waste Characterization



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graph TD; A[2017 - Waste Management Plan and First Waste Characterization] --> B[2018 - Composting Preliminary Study]; B --> C[2019 - Planning of Services]; C --> D[2020 - Construction Planning & Equipment Purchase]; D --> E[2021 - Building Construction & Composter]; E --> F[2022-23 - Composting Services Ongoing];
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2018 - Composting Preliminary Study

2019 - Planning of Services

2020 - Construction Planning & Equipment Purchase

2021 - Building Construction & Composter

2022-23 - Composting Services Ongoing

# 1 YEAR AFTER

- Two full time employees
- Residential & Band Buildings
- All-year services
- Around 20% participation
- 14 tons total
- Several site visits









# BUILDING LAYOUT

## Pros

- Good placement of the mixer allows for an outside use of the loader
- No need for funnel

## Cons

- Specific to having a small loader
- 2<sup>nd</sup> conveyor placement









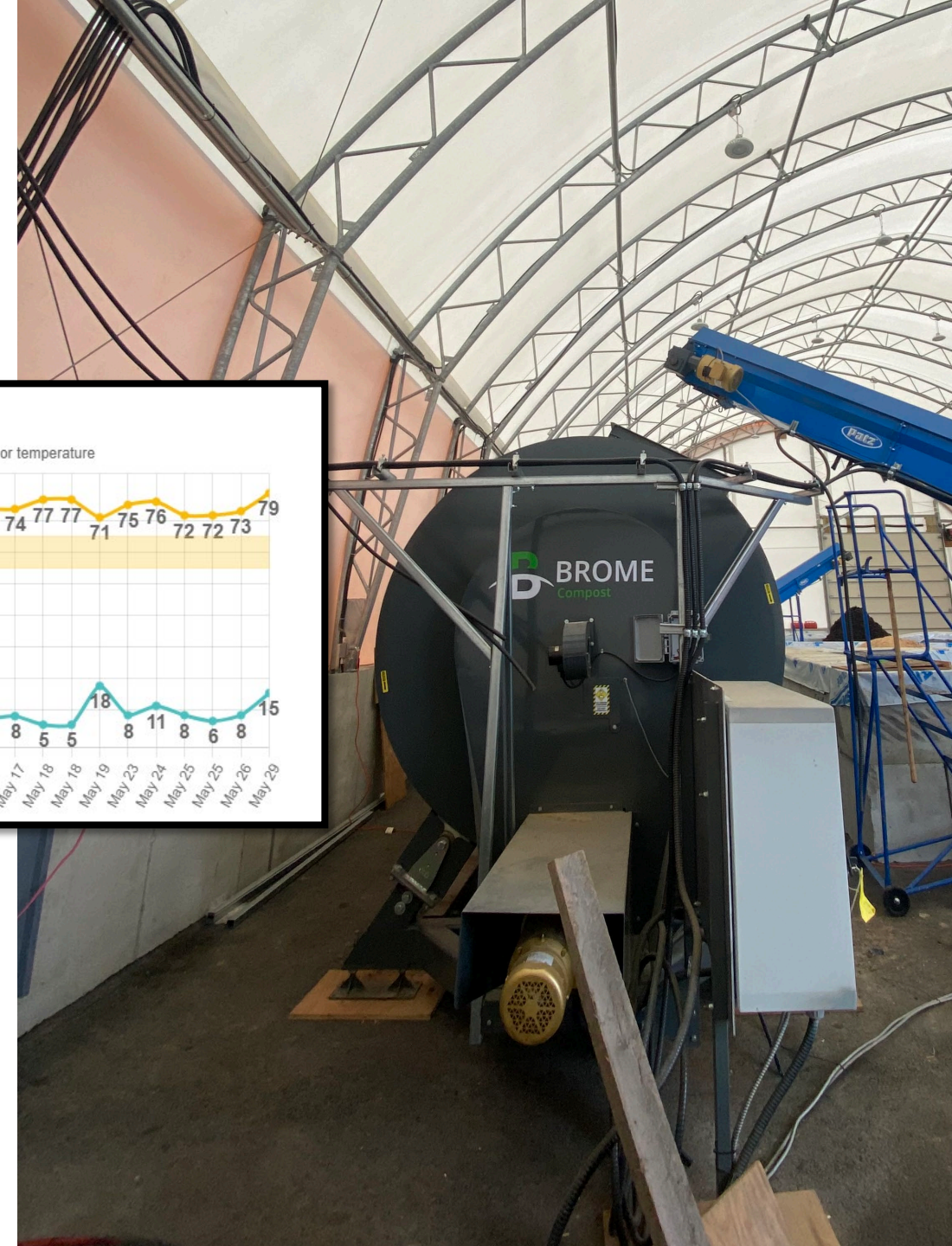
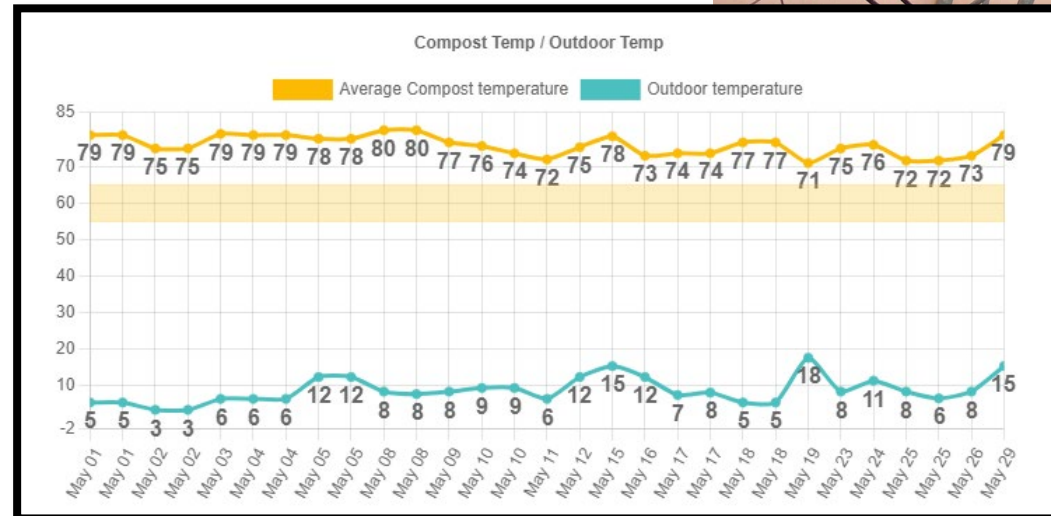
# THERMOPHILIC COMPOSTER

## Pros

- Help & Support
- Good data

## Cons

- Trial and error
- Isolating variables can take time
- Exit froze in winter





# BINS



## Pros

- Tight lid stops (most) dogs and other animals
- Small enough to be lifted by hand
- Can be used to calculate quantities

## Cons

- White buckets can be 'lost' in the snow
- Lid sometimes freezes
- Handle can break





# COMPOST TRUCK

## Pros

- Tailgate lift helps a lot
- Versatile
- Site stays clean

## Cons

- Maximum population size TBD





# CHANGE OF PLANS & ADJUSTMENTS

- Bags are now accepted
- Some equipment:
  - Rolling Ladders
  - Metal Table
  - Large Fans
  - Heater
  - Larger Lime Green Bins
  - Industrial Oven
- Woodchip Size
- Awareness Material





# CHALLENGES

- Participation & changing people's habits
- Contamination
- Finding the 'perfect recipe'
- +
- Testing?
- Future maintenance?





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# THANK YOU

Question?

