
Hornby Island Composting Toilet Residuals Management
Options

EASC MEETING PRESENTATION

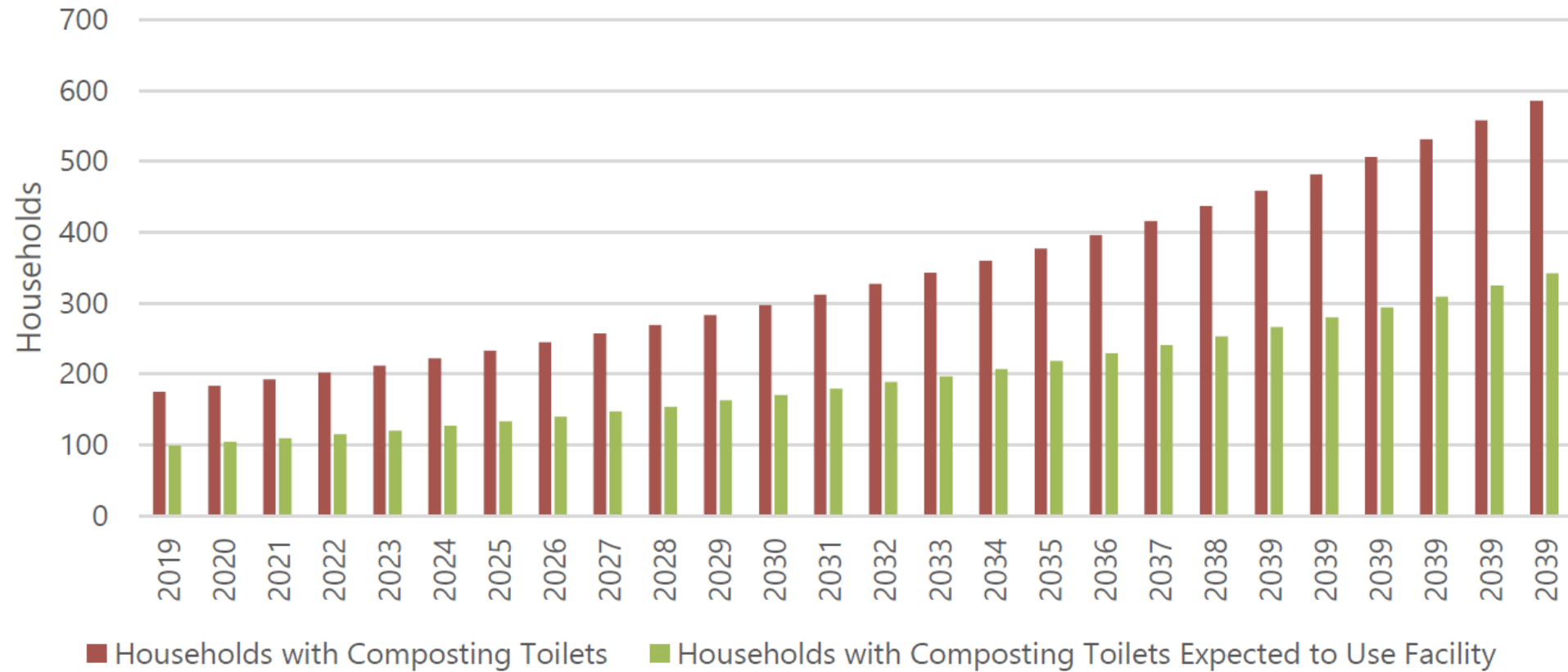
Study overview

- Community engagement and survey
- Analysis of information
- Estimates of potential usage of CT
- Evaluation of two options:
 - Central collection, on island composting
 - Central collection, off island composting

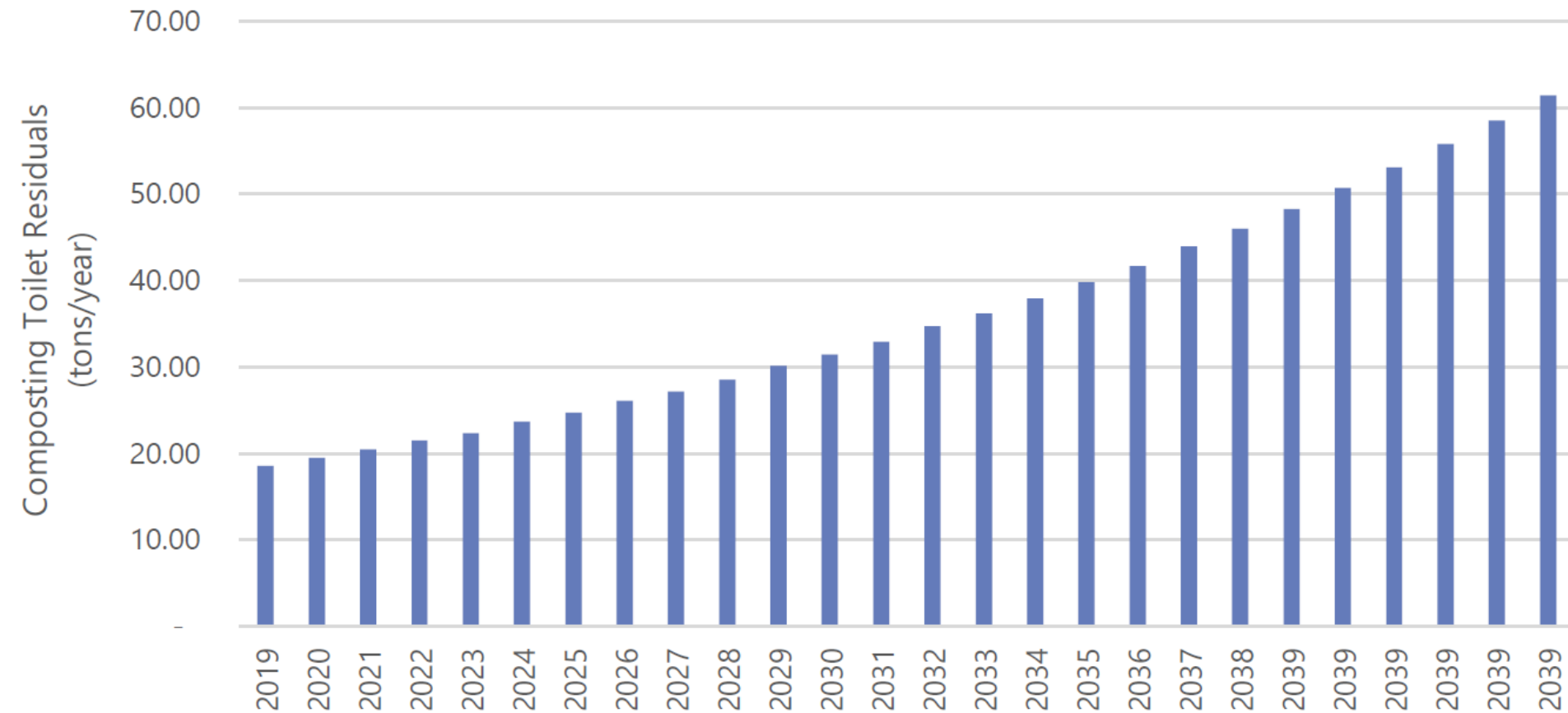
Engagement

- Survey questionnaire (online and paper)
- Engagement at community events
- Press coverage
- Information from Ed Hoeppner
- Other community data

Analysis from survey data



Potential volumes of residuals



Central collection

- At the Hornby Island Waste Management Center
- User drop off
- Bin collection
- Potential for future pickup
- User pay approach, with target of comparable cost to septic tank pump outs

On island composting

- Simple system important
- Scalable
- Protection of groundwater and low risk of human contact
- Aerated Static Pile (ASP) system selected for analysis



From O2 Compost website, note blower at left of photograph.

Off island composting

- Transport to CVRD Cumberland facility
- Allows for rapid implementation and very low capital cost reduces risk for initial operation
- May not be as long term sustainable
- Risk of rising transportation costs

Recommended approach

- Central collection with bin system
- User drop off, partial or complete user pay
- Off island composting initially
- Data collection and ongoing analysis
- Potential future on island composting