

# City of Lethbridge Hydro vac Waste Disposal Facility

## A Success Story

**2022 SWANA Canadian Symposium**

**April 4-7, 2022**

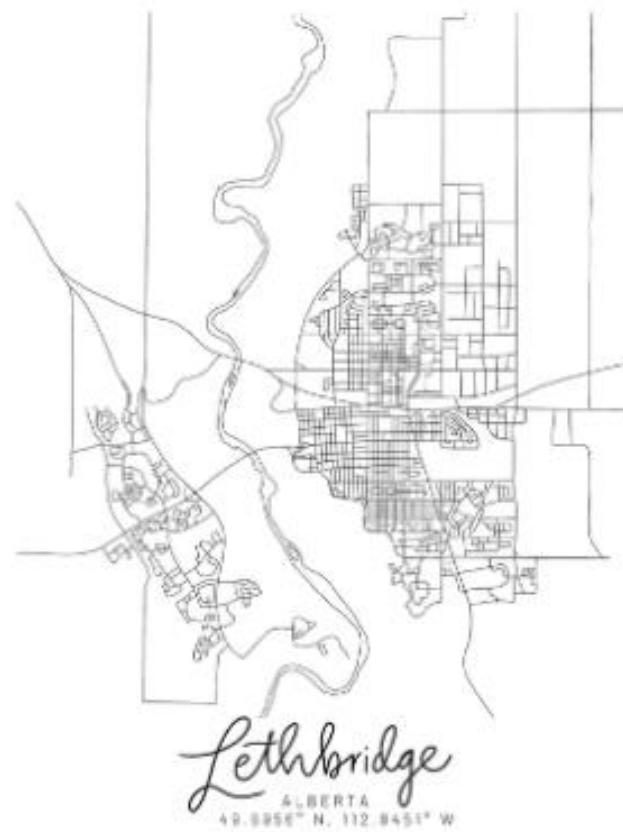
**Banff, Alberta, Canada**

# Lethbridge, Alberta, Canada

Location

Climate

Population





# Waste & Recycling Centre

Location

Services

Tonnage



# Context

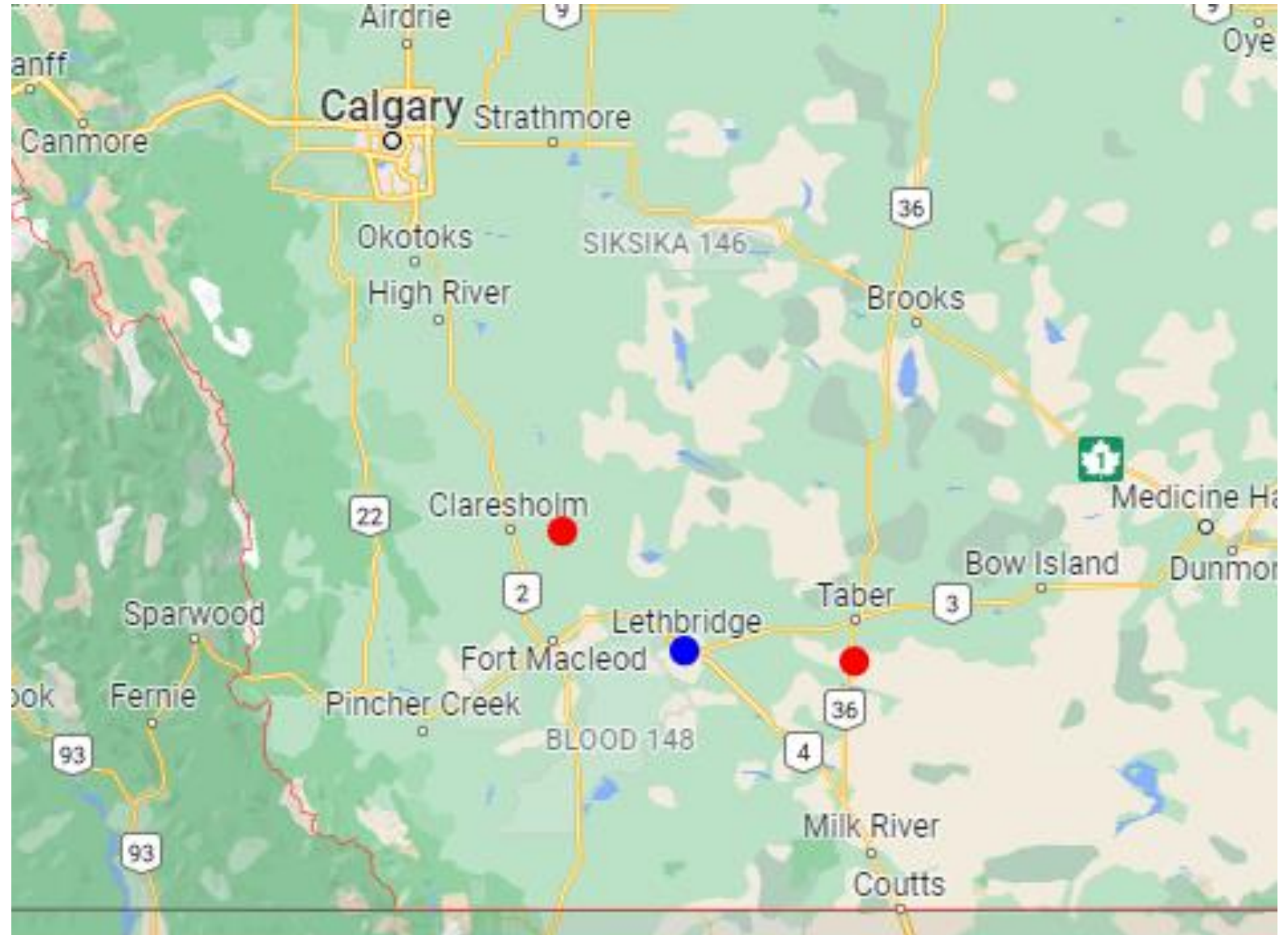
Hydrovac Slurry

2017 situation

15 companies & 42 trucks

Increasing understanding  
of disposal requirements

What was happening with  
the material?



# Lethbridge's Approach

- Internal steering committee
- External market scan
- Siting
- Regulatory context
- Technology assessment
- Market evaluation
- Rate comparison
- Potential waste streams
- Report
- Detailed design & construction tender



# Facility Overview

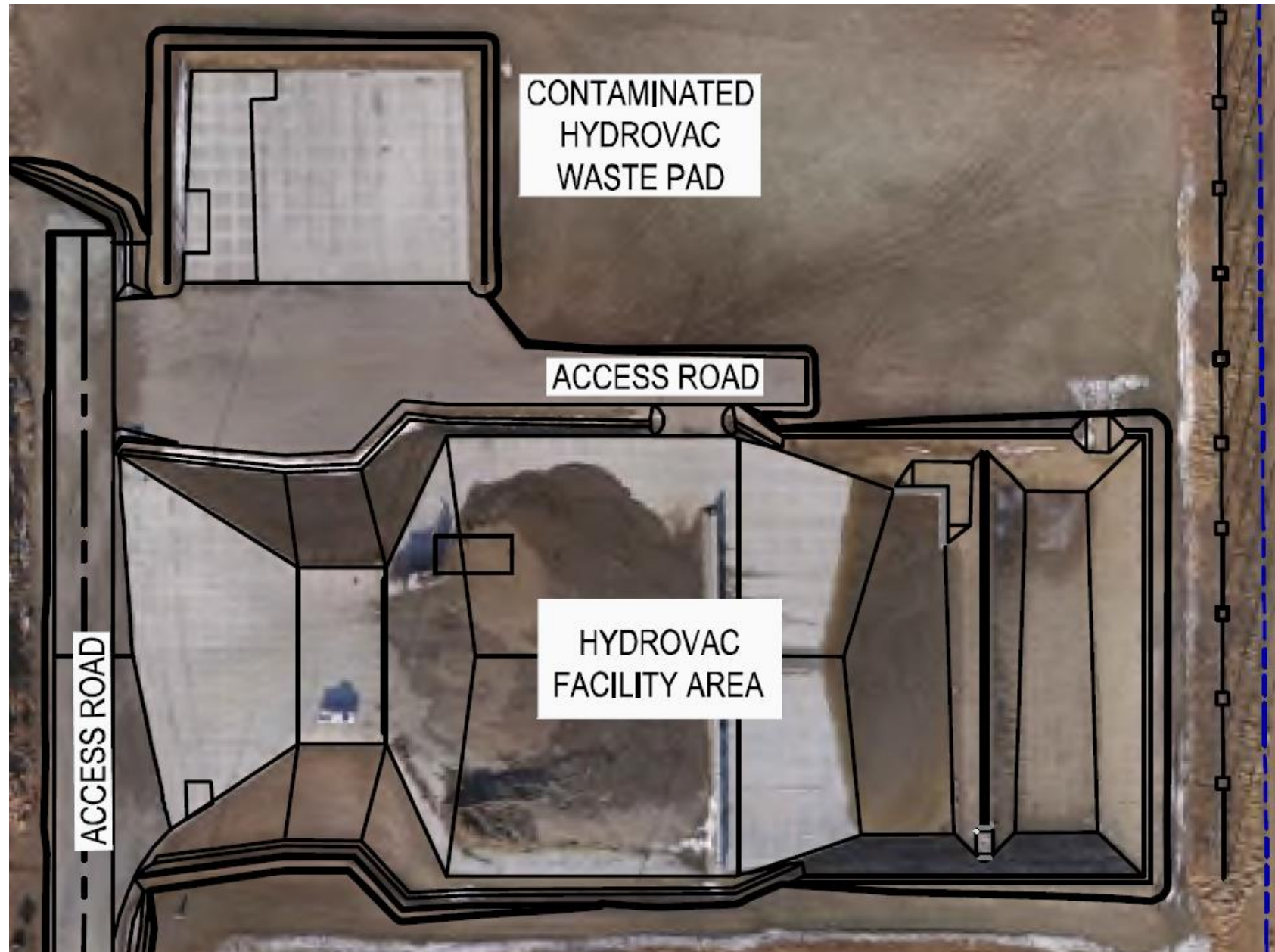
Design

Authorization

Two pads

Evaporation pond

Roller Compacted Concrete (RCC)



# Facility Construction

## HYDROVAC FACILITY



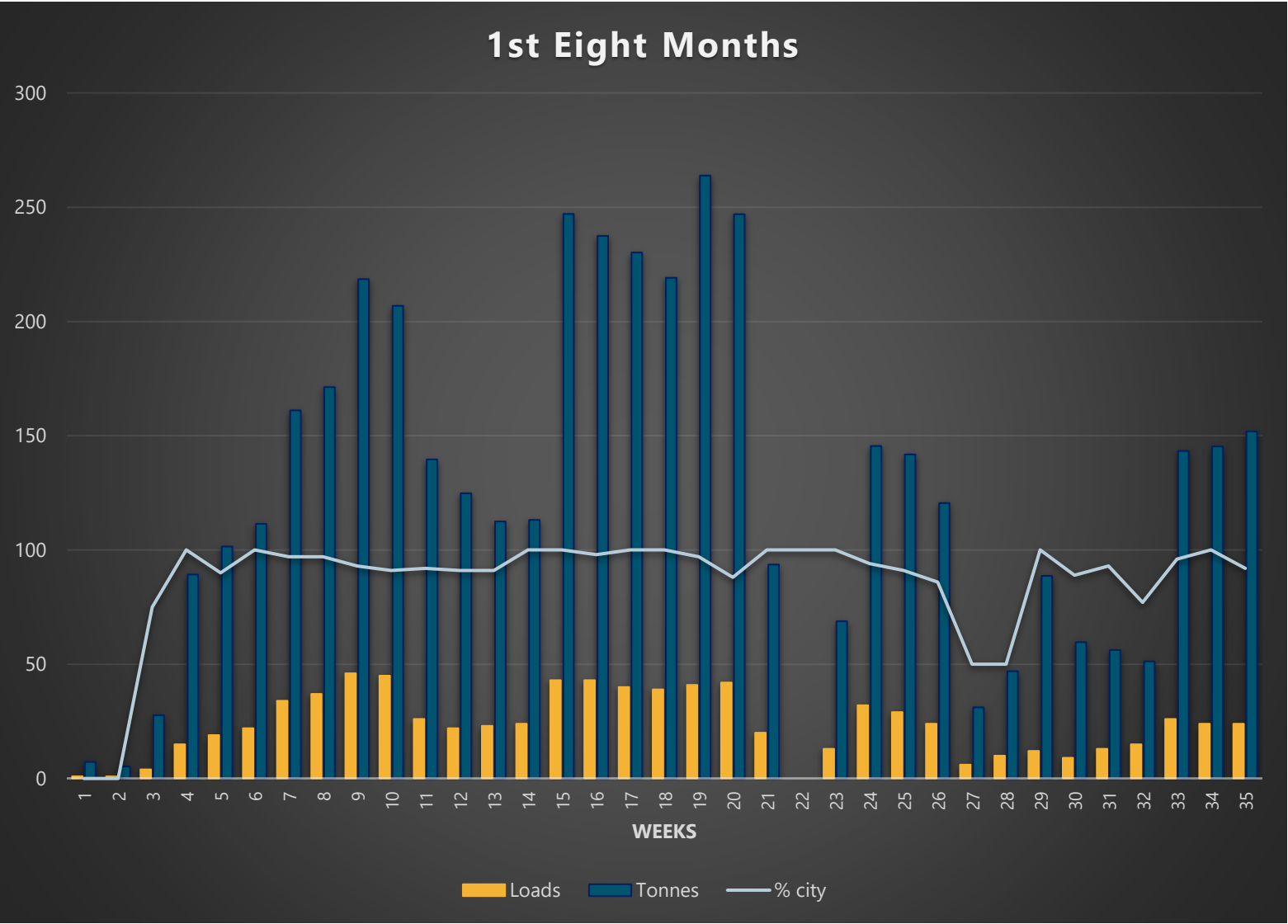
# How its working

Operational approach  
and staffing

Acceptance process

824 loads 4380 tonne

Market penetration





# Lessons Learned

Be early

Be inclusive

It might be better to start small

Less complex processing works for us

No parking stops

Hard surface if you can afford it



# Thank you!

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