

# Biosolids Public Information Session

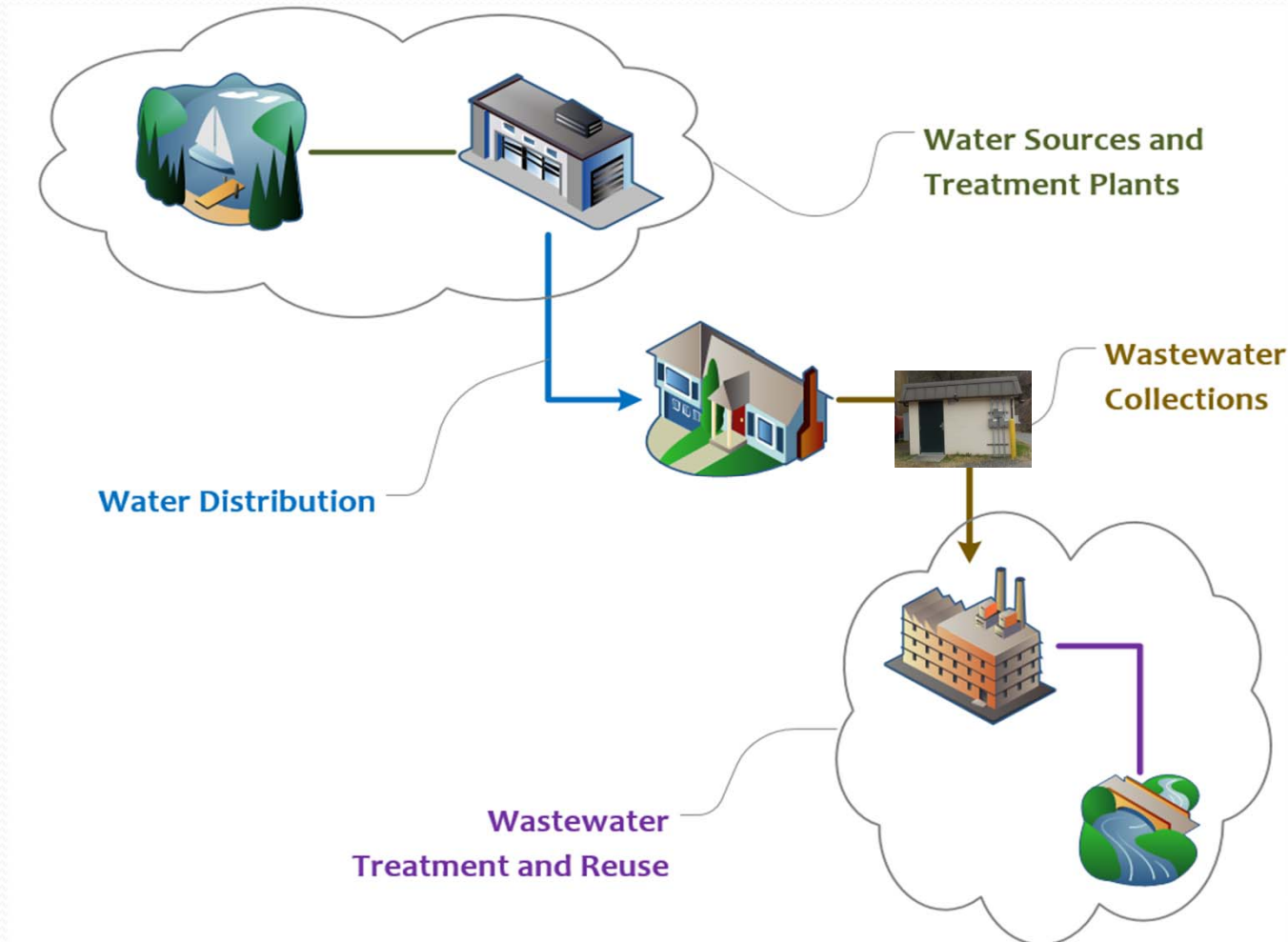
**27 April 2017**

**Samantha Stoughtenger, CBJ Utilities Superintendent**

Marissa Capito, CBJ Utilities Engineer Assistant I

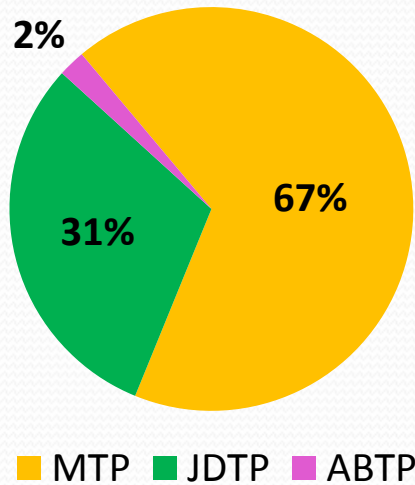
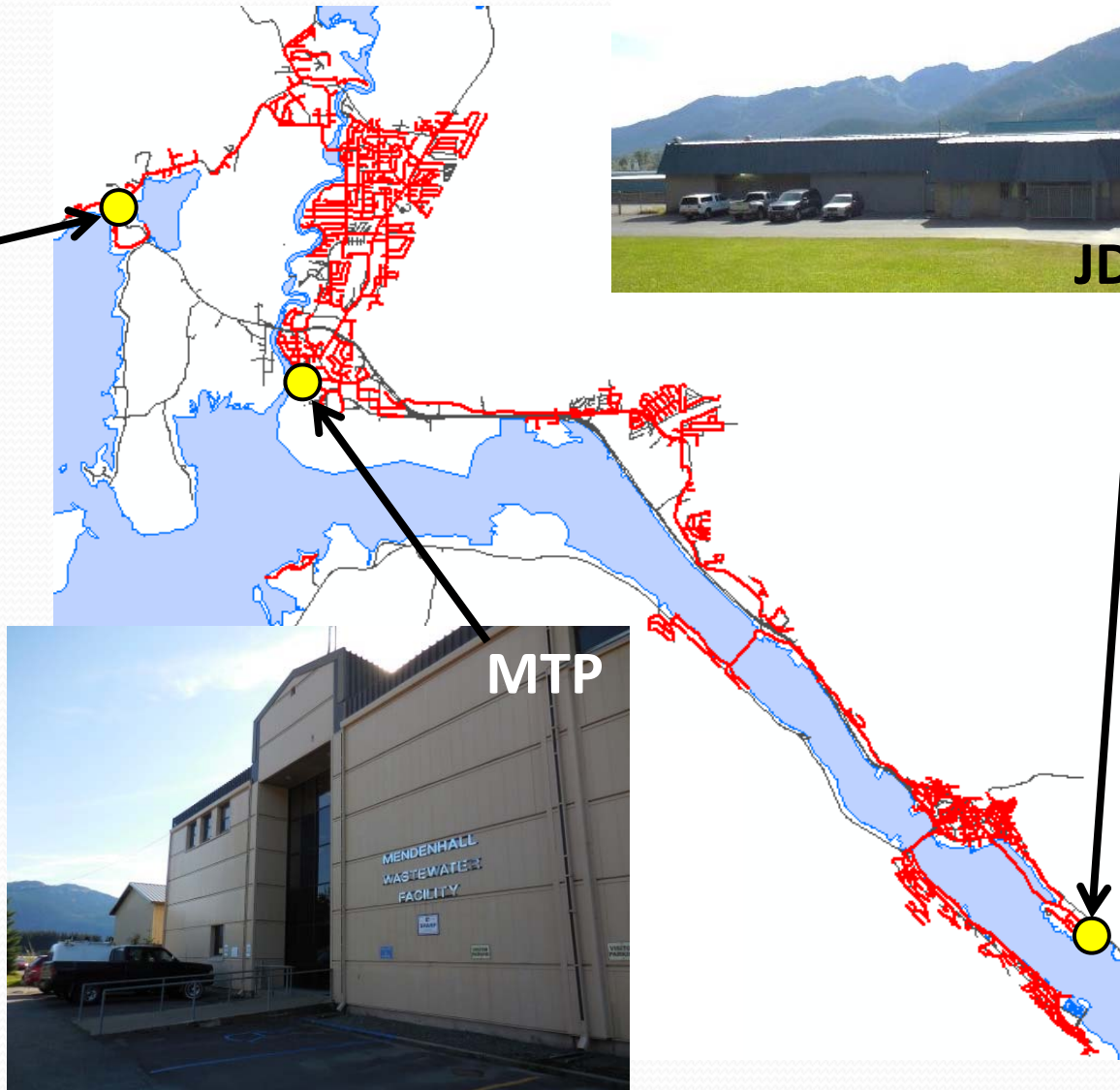
Nathan Coffee, CBJ Engineering Project Manager

# Biosolids start here



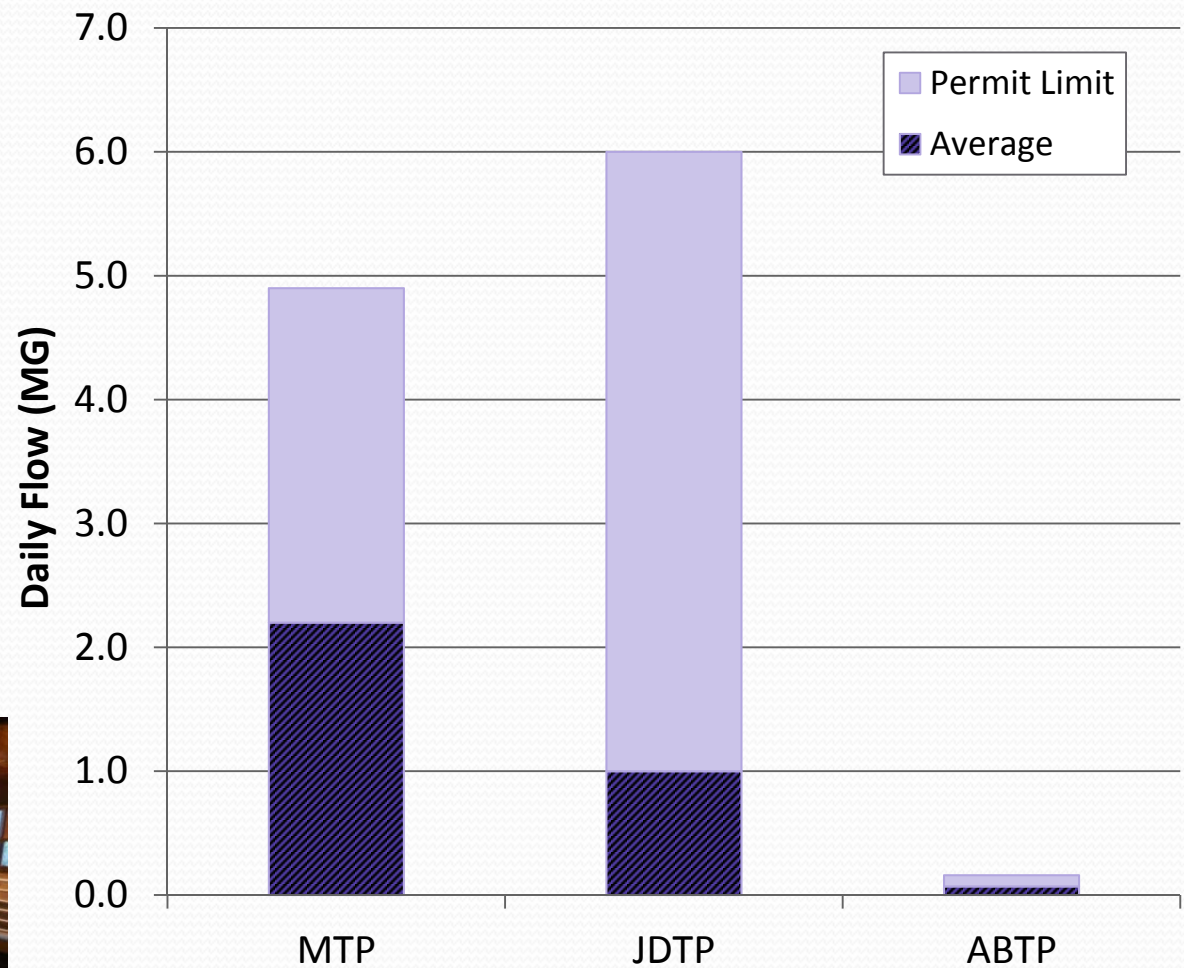
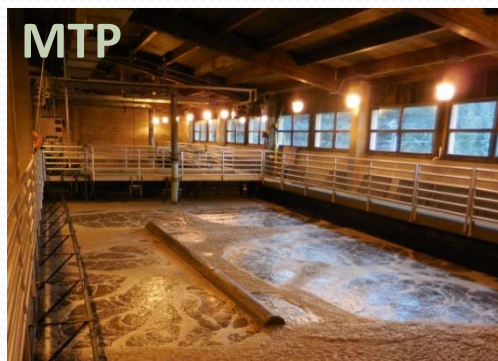
**1.1 billion gallons of water produced and treated every year**

# Wastewater Treatment Systems

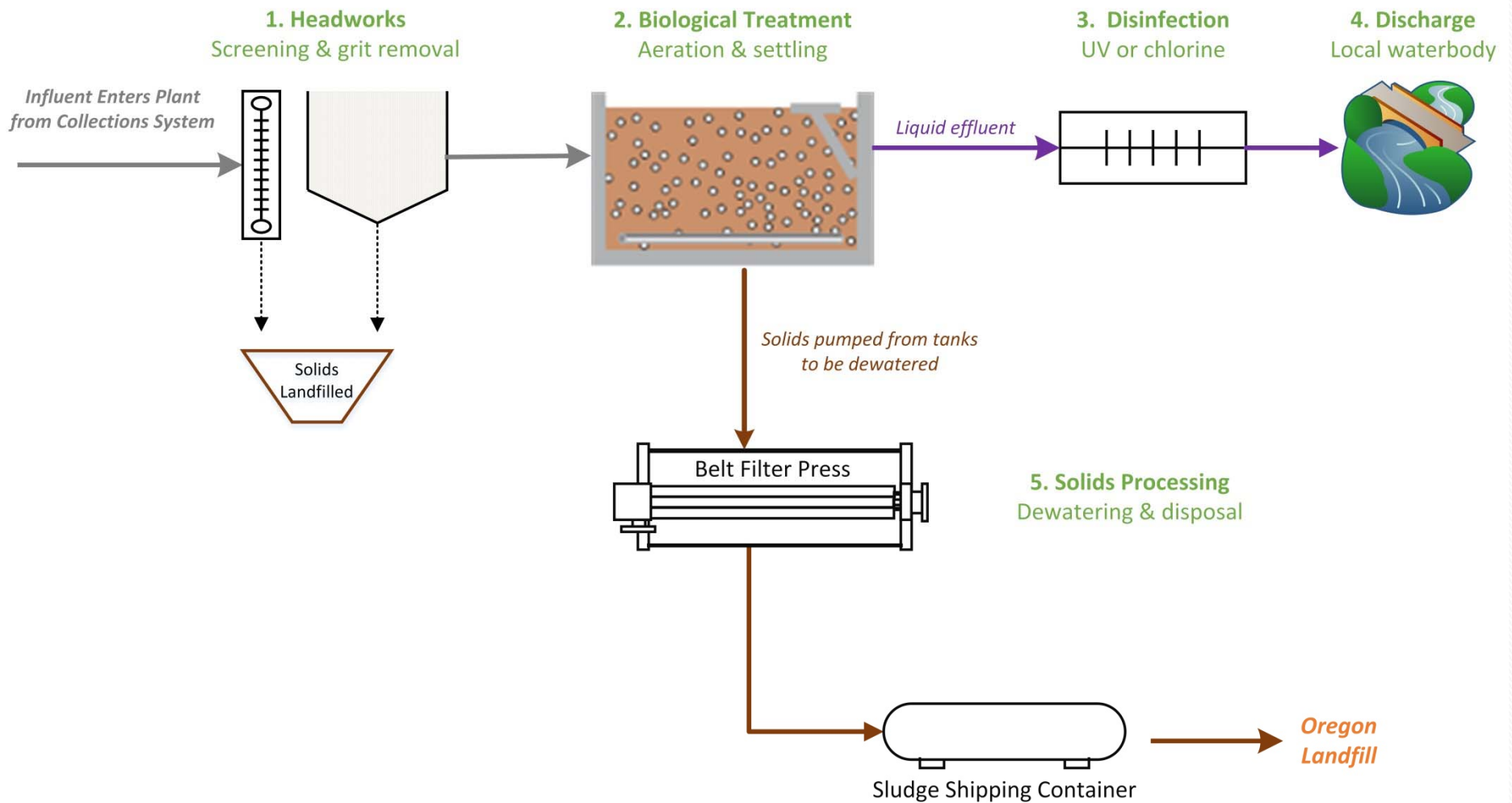




# Treatment Capacity



# Treatment Process

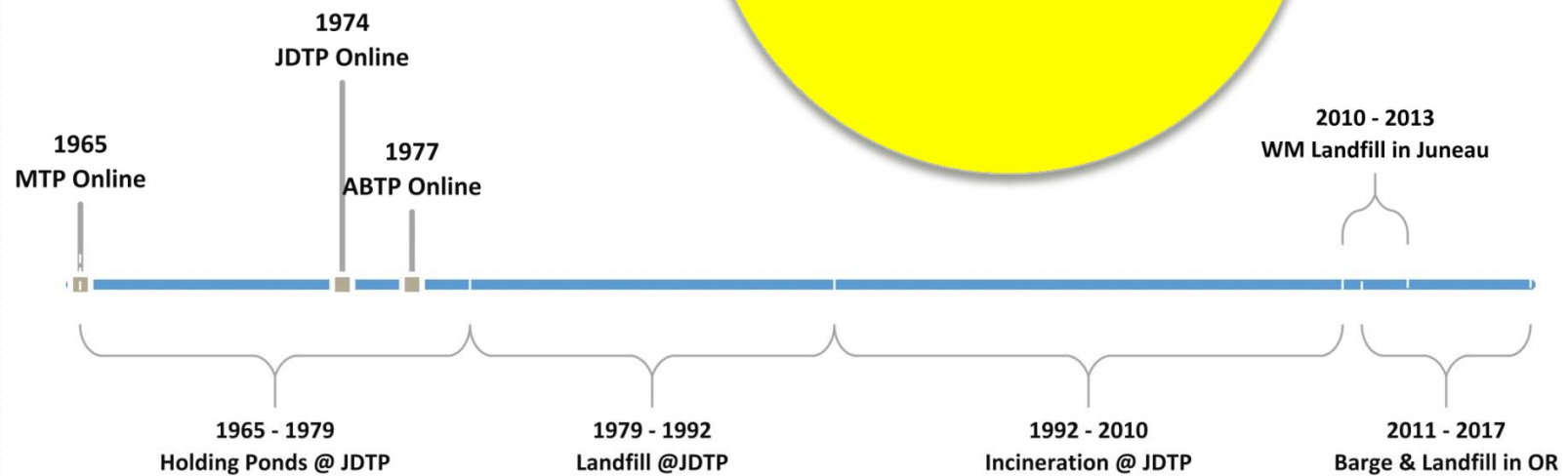
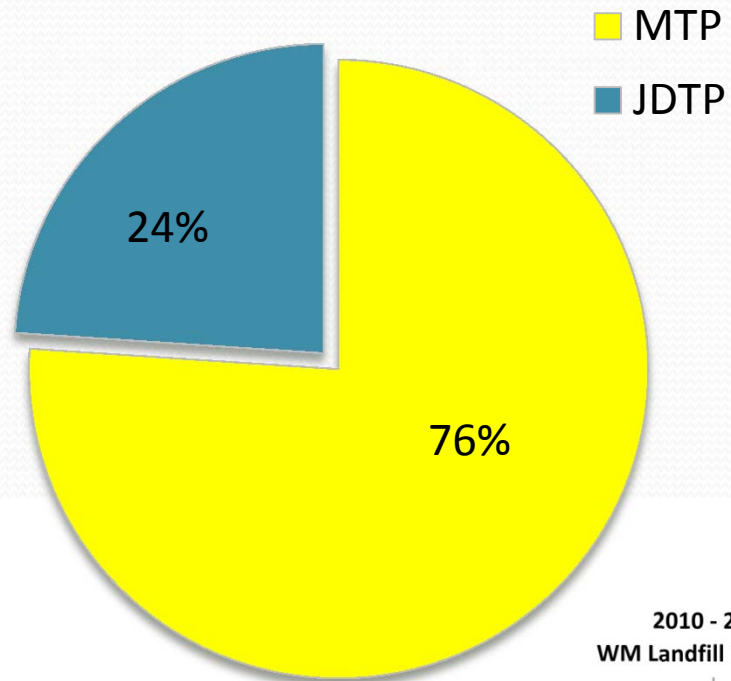




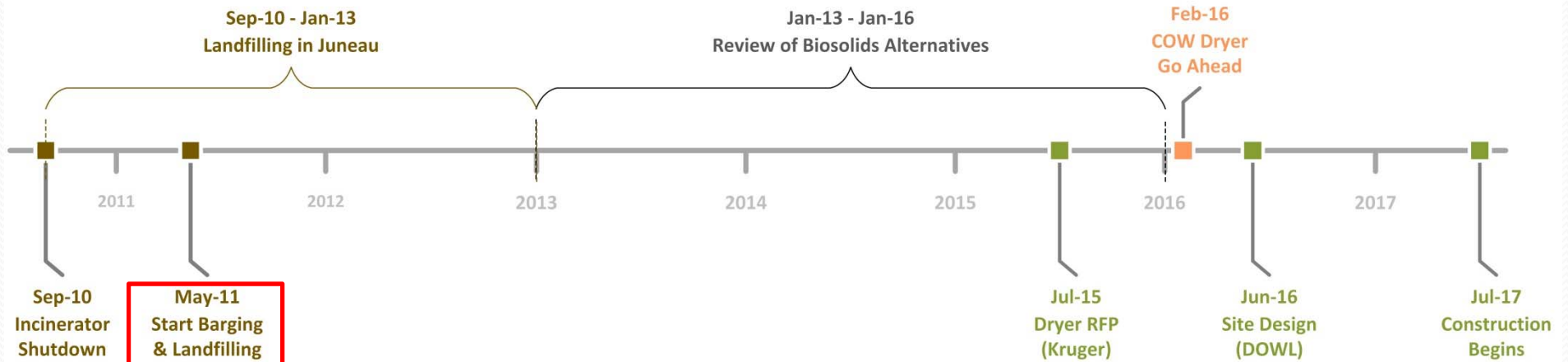
# Biosolids History



7000 tons/year



# Biosolids Future

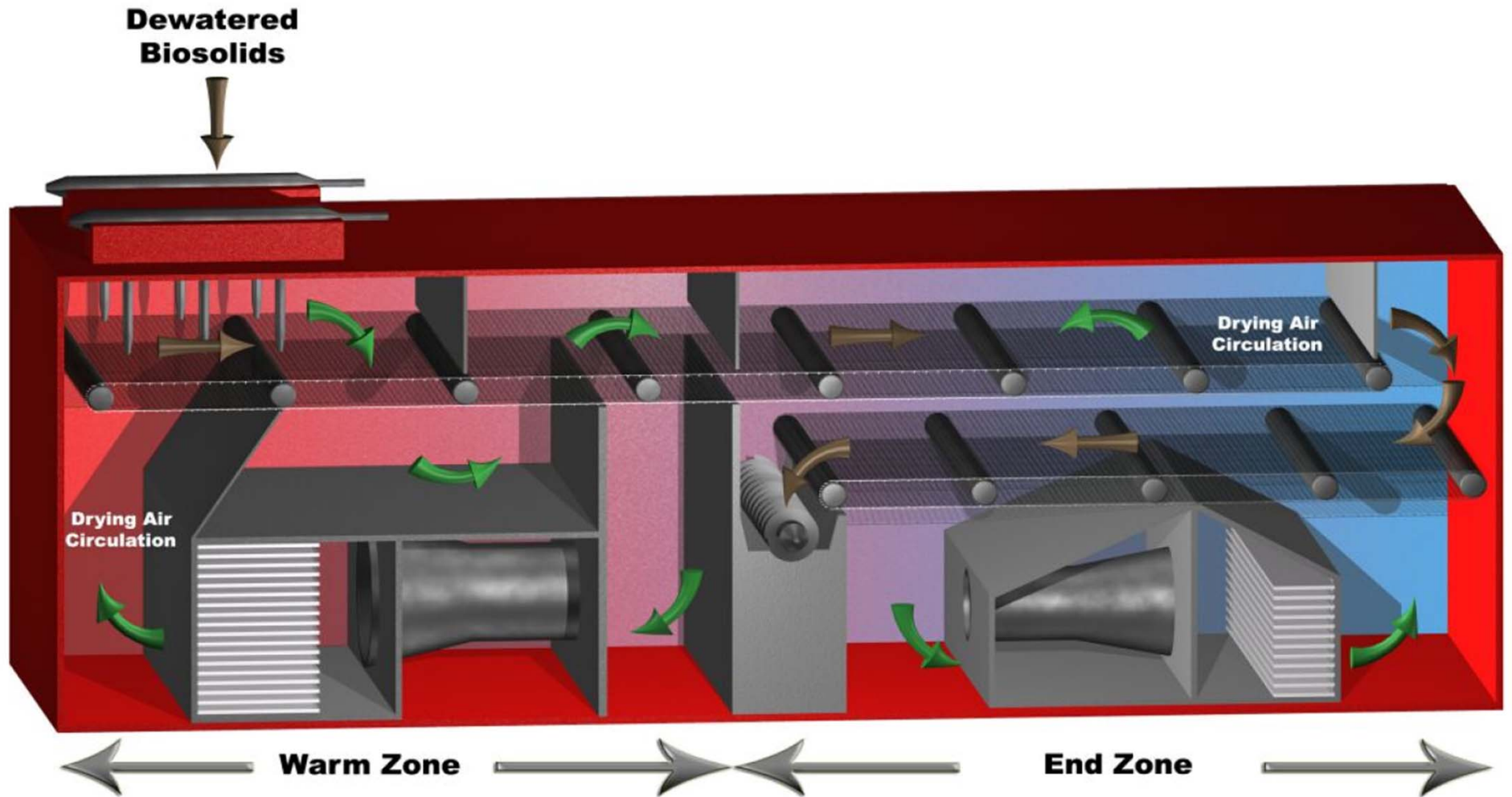


- ❖ \$2M annual cost
- ❖ Highly uncertain
- ❖ Labor and time intensive



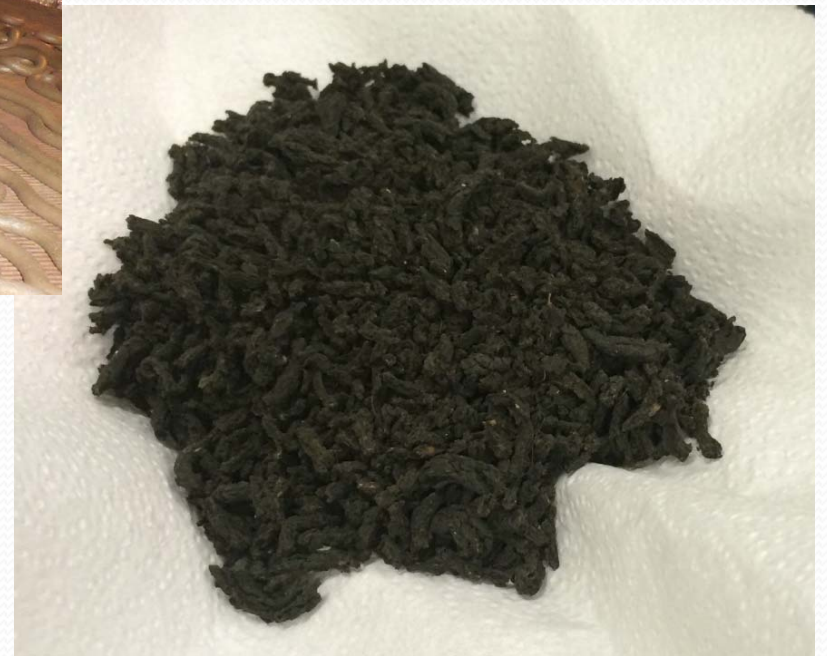


# How the dryer works





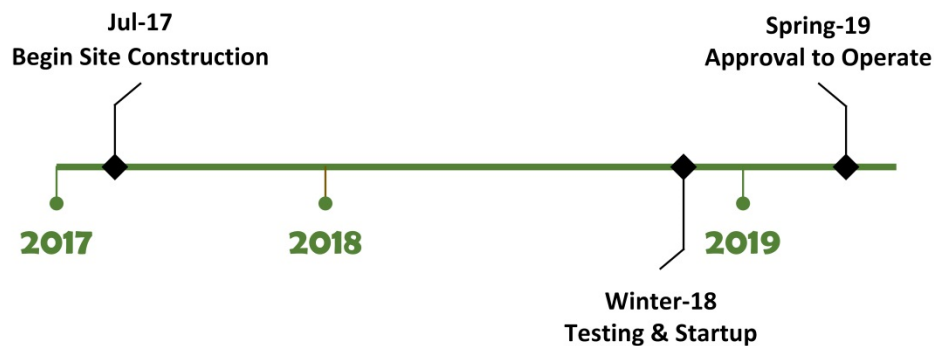
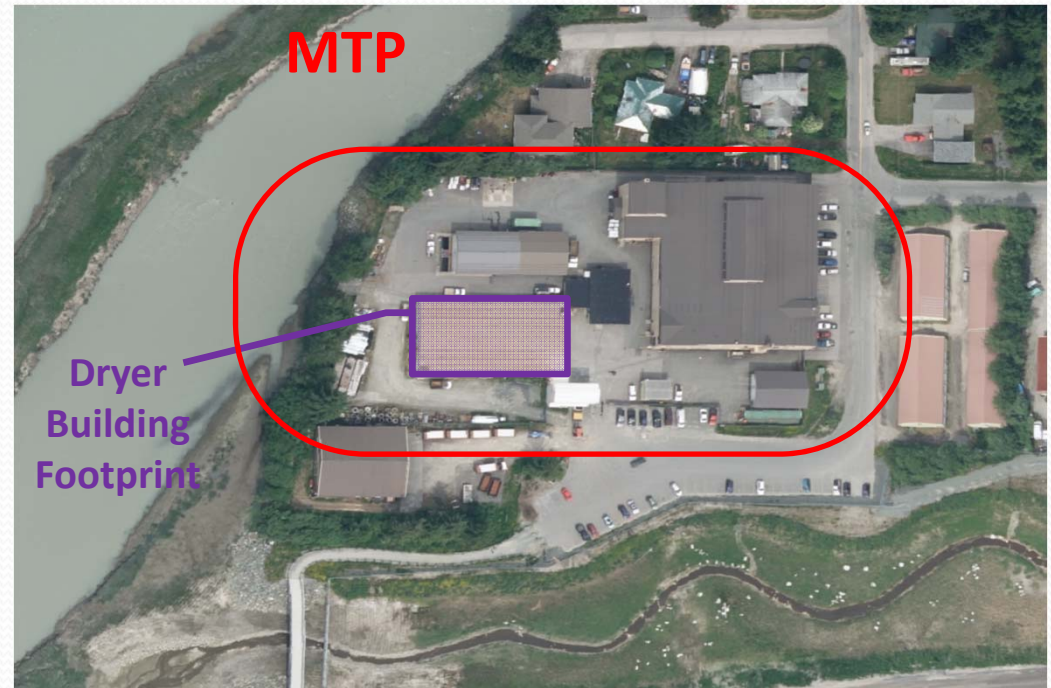
# Before and After





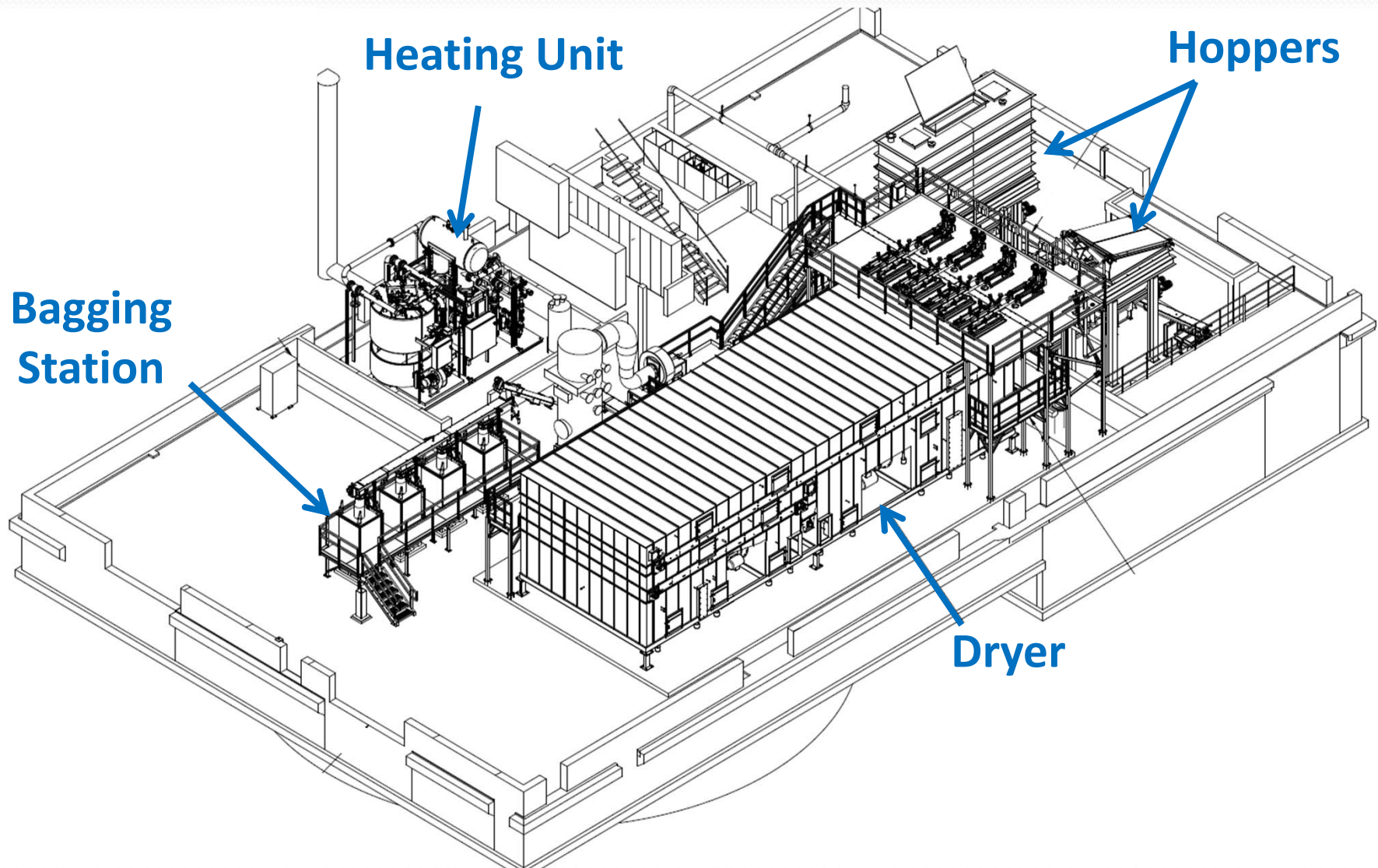
# During Construction

- ❖ Building demolition
- ❖ Site work
- ❖ Dryer installation
- ❖ Building construction
- ❖ Testing and startup
- ❖ Reuse discussion



- ➡ Traffic
- ➡ Noise
- ➡ Site Work / Activity

# Take a look inside





# Final Site



# Post-Construction

## ❖ Facility Operation

- Long-term and stable solution
- End product volume reduction
- Improved odor containment
- Less large vehicle trips

## ❖ Pellets Reuse

- Landfill cover
- Erosion control and topsoil enhancement
- Fertilizer
- Alternative energy source
- Reclamation





Questions?