



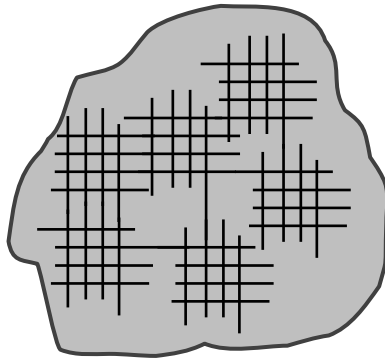
# AD Facilities in Sensitive Areas



#WasteExpo WasteExpo.com

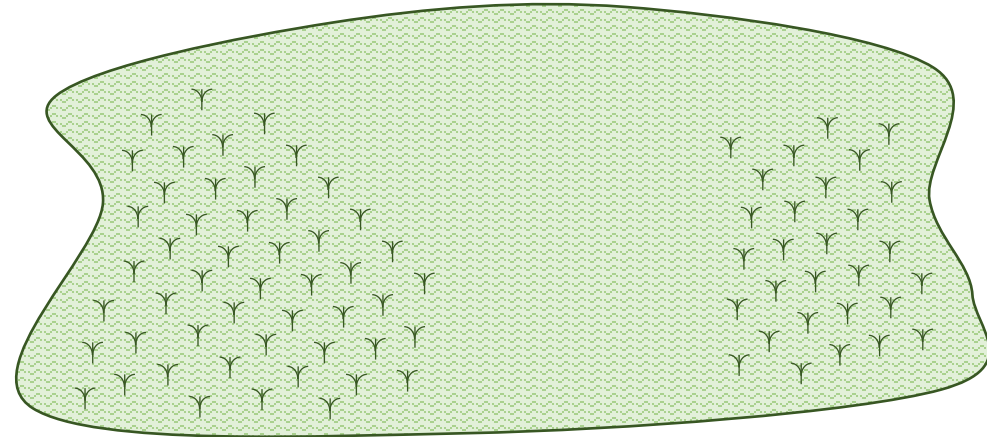


# Locating an Organics Processing Facility



## Urban/Suburban

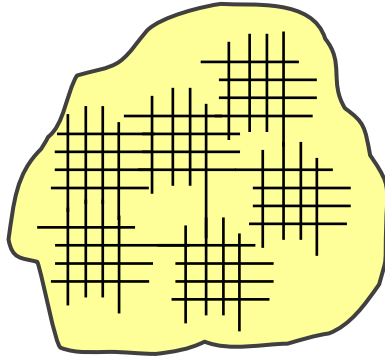
- Where the waste is generated
- Route trucks can deliver



## Rural/Agricultural

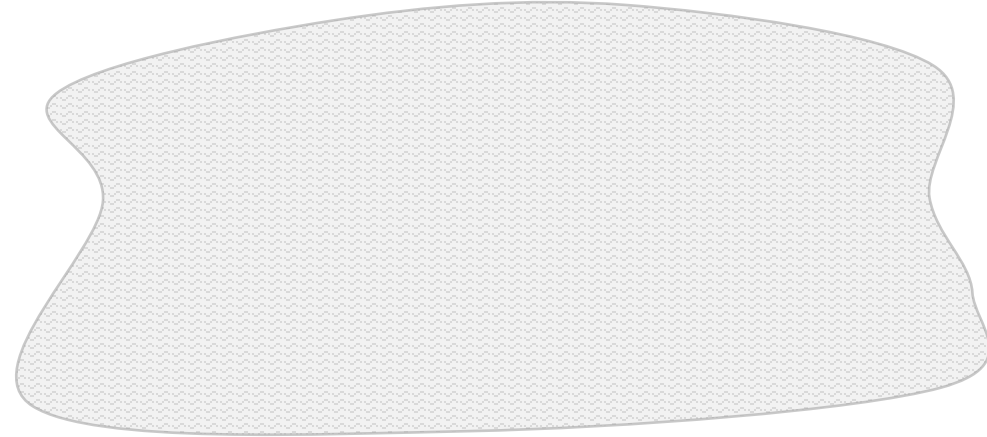
- Cheaper land
- Fewer restrictions
- Where the market is

# Locating an Organics Processing Facility



## Urban/Suburban

- Where the waste is generated
- Route trucks can deliver
- Existing permitted site



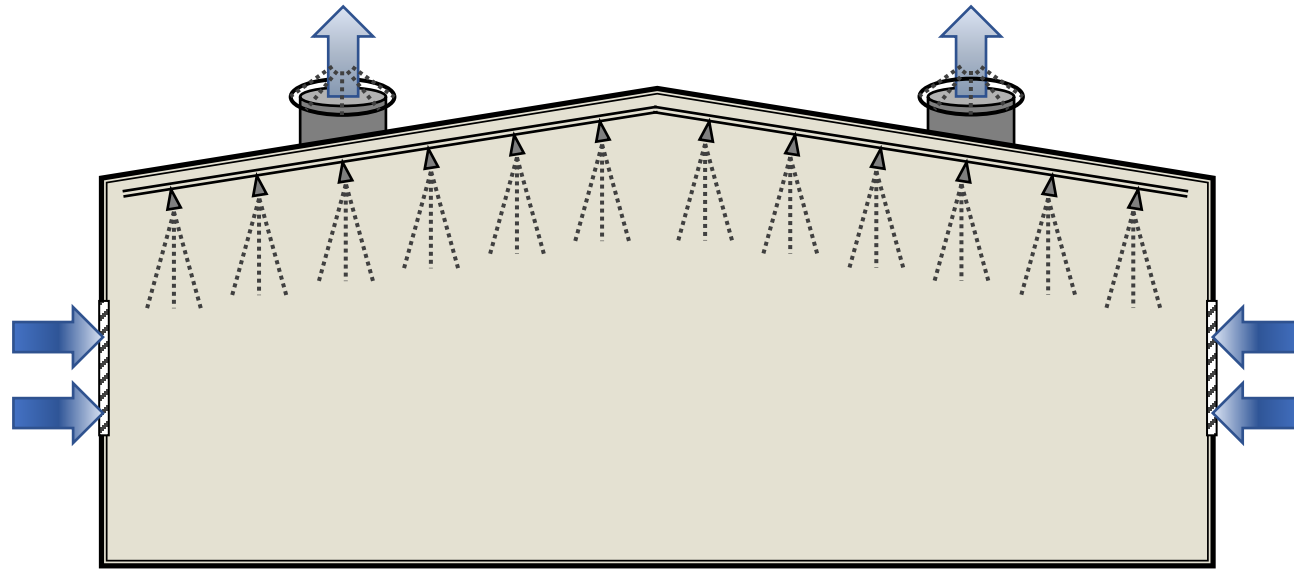
## Rural

- Cheaper land
- Fewer restrictions
- Where the market is

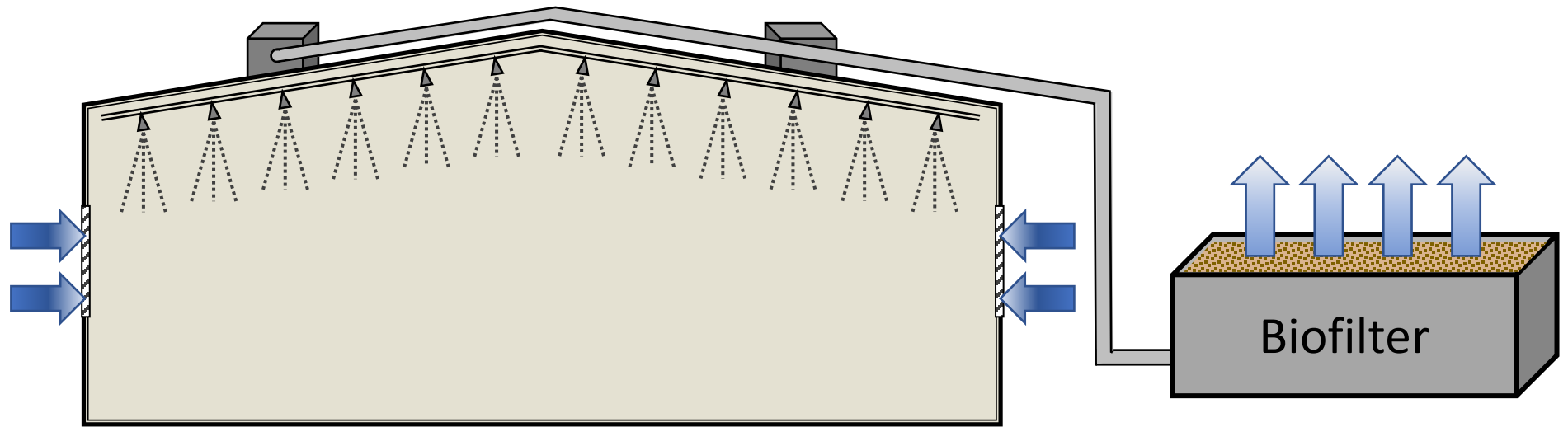
# Essential Urban Facility Considerations

1. Odor
2. Visual
3. Noise
4. Traffic

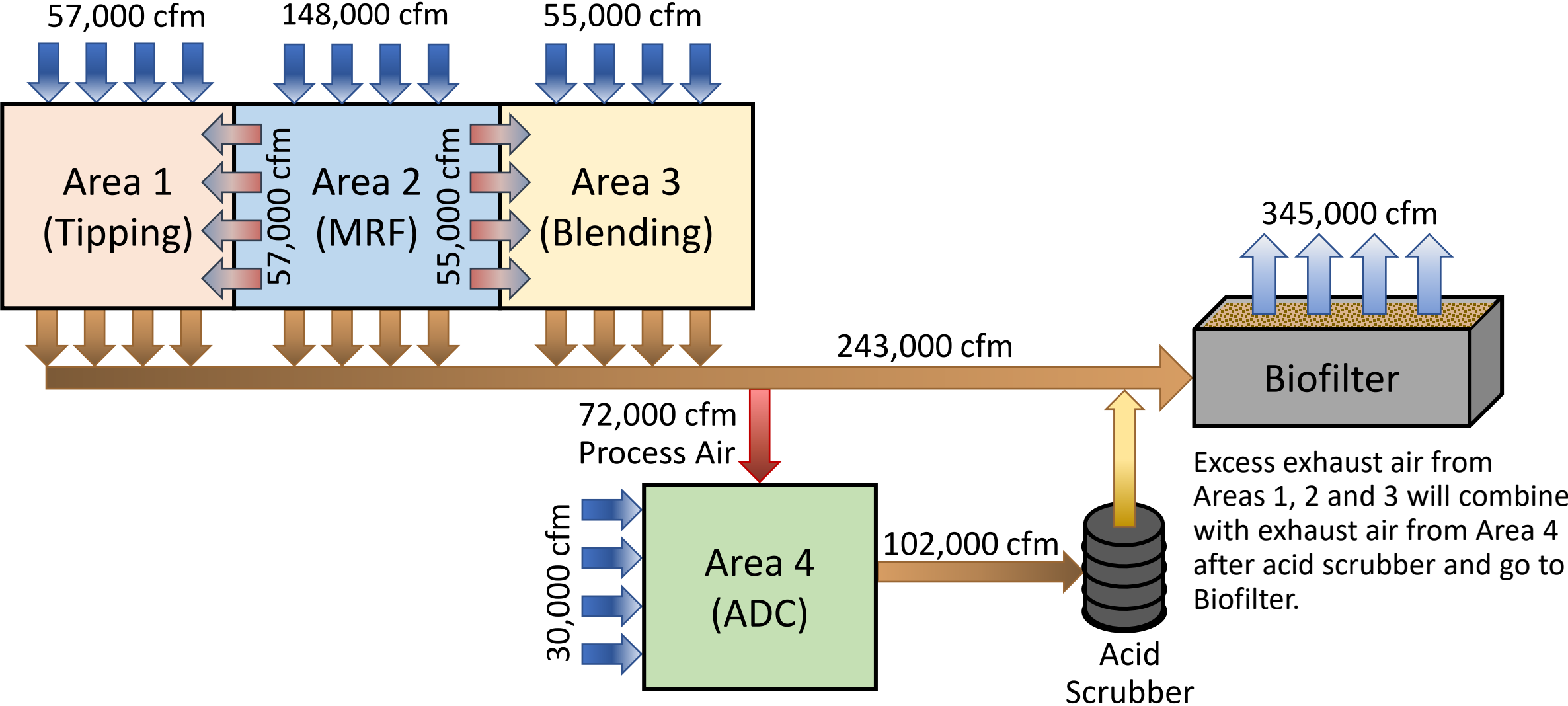
# Ventilation/Odor Control



# Ventilation/Odor Control



# Ventilation/Odor Control



# Essential Urban Facility Considerations

## Example Projects



# CR&R Environmental Services Facility

Perris, CA



# CR&R Environmental Services Facility

Perris, CA



3,000 TPD transfer station and MRF

# CR&R Environmental Services Facility

Perris, CA

600 TPD organics receiving  
and pre-processing

# CR&R Environmental Services Facility

Perris, CA

Collection company administration  
and fleet maintenance

# CR&R Environmental Services Facility

Perris, CA

Parking and fueling for  
collection fleet of 250

# CR&R Environmental Services Facility

Perris, CA

Container rental yard



# CR&R Environmental Services Facility

Perris, CA

160,000 TPY anaerobic  
digestion plant

# CR&R Environmental Services Facility

Perris, CA





# CR&R Environmental Services Facility

## Perris, CA



# CR&R Environmental Services Facility

Perris, CA



# CR&R Environmental Services Facility

Perris, CA

- 1. Visual
  - 2. Noise
- } Screening    Added benefit: Better for security



Waste 360™

**National Waste & Recycling Association™**  
Collect. Recycle. Innovate.



an event by  
Waste360.



**National  
Waste & Recycling  
Association™**  
Collect. Recycle. Innovate.



Waste 360™

National Waste & Recycling Association™  
Collect. Recycle. Innovate.

# CR&R Environmental Services Facility

## Perris, CA



# CR&R Environmental Services Facility

Perris, CA

1. Visual
2. Noise
- 3. Queuing /Traffic improvements**



# CR&R Environmental Services Facility

## Perris, CA



# CR&R Environmental Services Facility

Perris, CA

1. Visual
2. Noise
3. Queuing /Traffic improvements
- 4. Odor/Dust Control**
  - A. Building ventilation
  - B. Biofilter

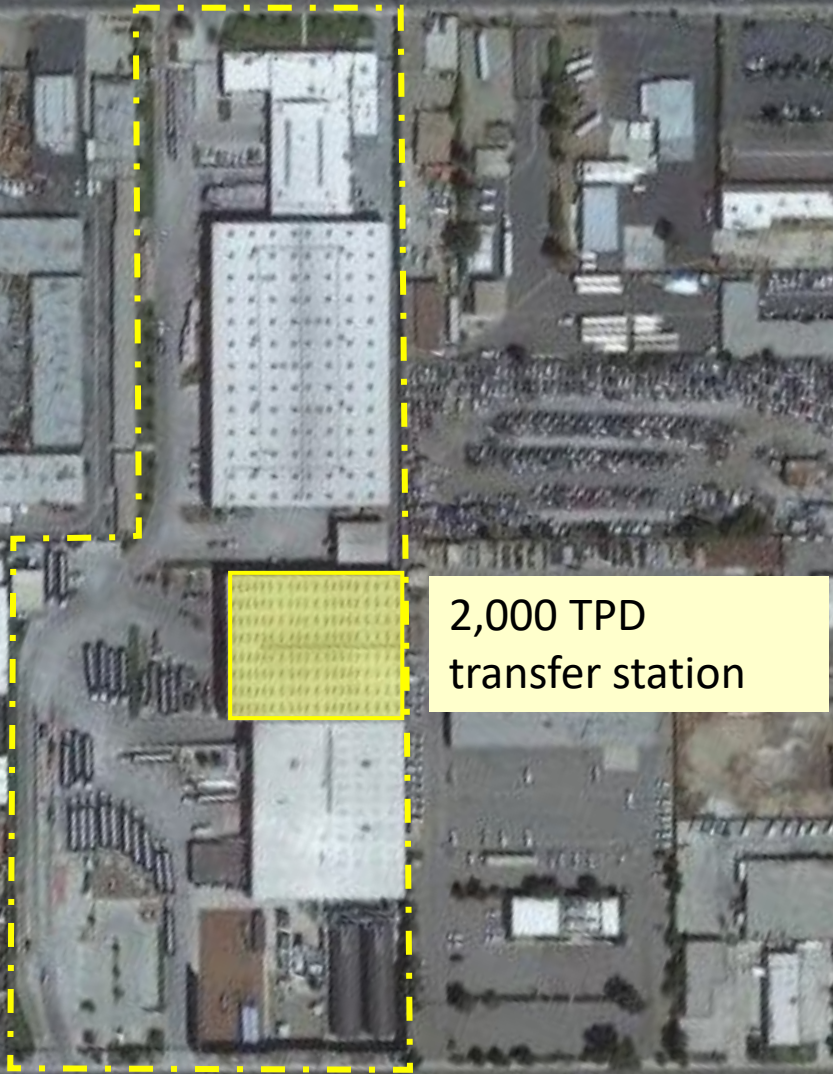
# Escondido Resource Recovery

Escondido, CA



# Escondido Resource Recovery

Escondido, CA



2,000 TPD  
transfer station

# Escondido Resource Recovery

Escondido, CA



500 TPD MRF

# Escondido Resource Recovery

Escondido, CA

Administrative Office



# Escondido Resource Recovery

Escondido, CA



Organics receiving and pre-processing

# Escondido Resource Recovery

Escondido, CA



93,000 TPY anaerobic digestion plant



# Escondido Resource Recovery

## Escondido, CA

### 1. Visual

#### A. Admin side: architecture and landscaping



# Escondido Resource Recovery

## Escondido, CA

### 1. Visual

- A. Admin side: architecture and landscaping
- B. AD side: screening



# Escondido Resource Recovery

## Escondido, CA

### 1. Visual

- A. Admin side: architecture and landscaping
- B. AD side: screening    Added benefit: Better for security

# Escondido Resource Recovery

## Escondido, CA

1. Visual
2. Queuing/on-site traffic configuration

# Escondido Resource Recovery

Escondido, CA



Organics receiving and pre-processing

# Escondido Resource Recovery

Escondido, CA



Organics receiving and pre-processing



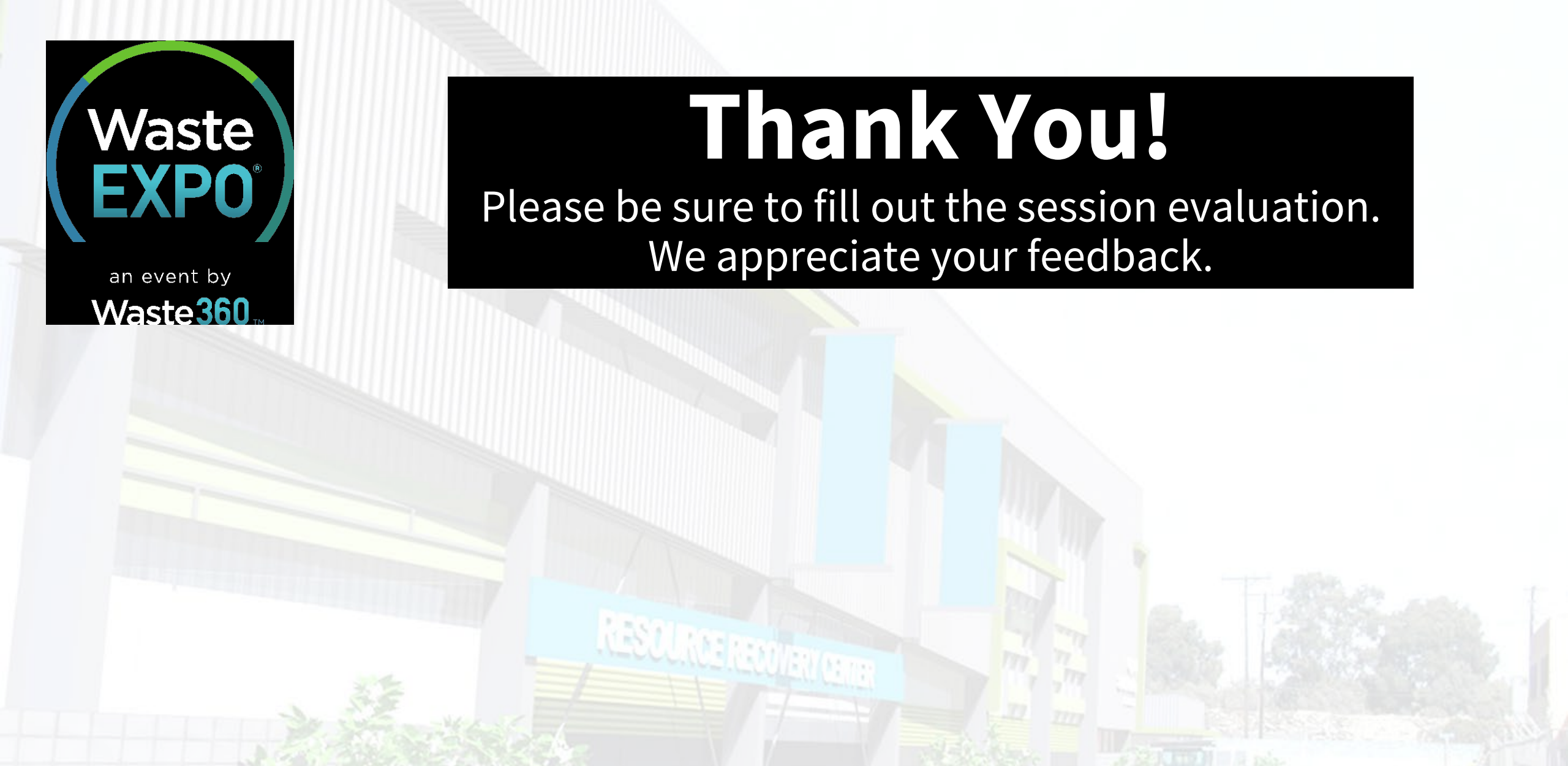
# Escondido Resource Recovery

## Escondido, CA

1. Visual
2. Queuing /on-site traffic configuration
- 3. Odor/Dust Control**
  - A. Segregation of building areas**
  - B. Selection of system**
    - i. Updraft fans
    - ii. High volume ventilation and biofilter



**Thank You!**  
Please be sure to fill out the session evaluation.  
We appreciate your feedback.



**#WasteExpo WasteExpo.com**

