



**SF Environment**

**Our home. Our city. Our planet.**

A Department of the City and County of San Francisco

# Construction and Demolition Debris Recovery

Proposed Ordinance Updates to Environment and Public Works Codes



# What is Construction & Demolition (C&D) Debris?



# 50% of Total Solid Waste Generated



# C&D Debris Recovery Ordinance (2006)



## No C&D Debris Direct to Landfills/Incinerators

**It's the Law**

You must  
recycle all  
**Construction  
and  
Demolition**  
waste material



Projects



Transporters



Facilities



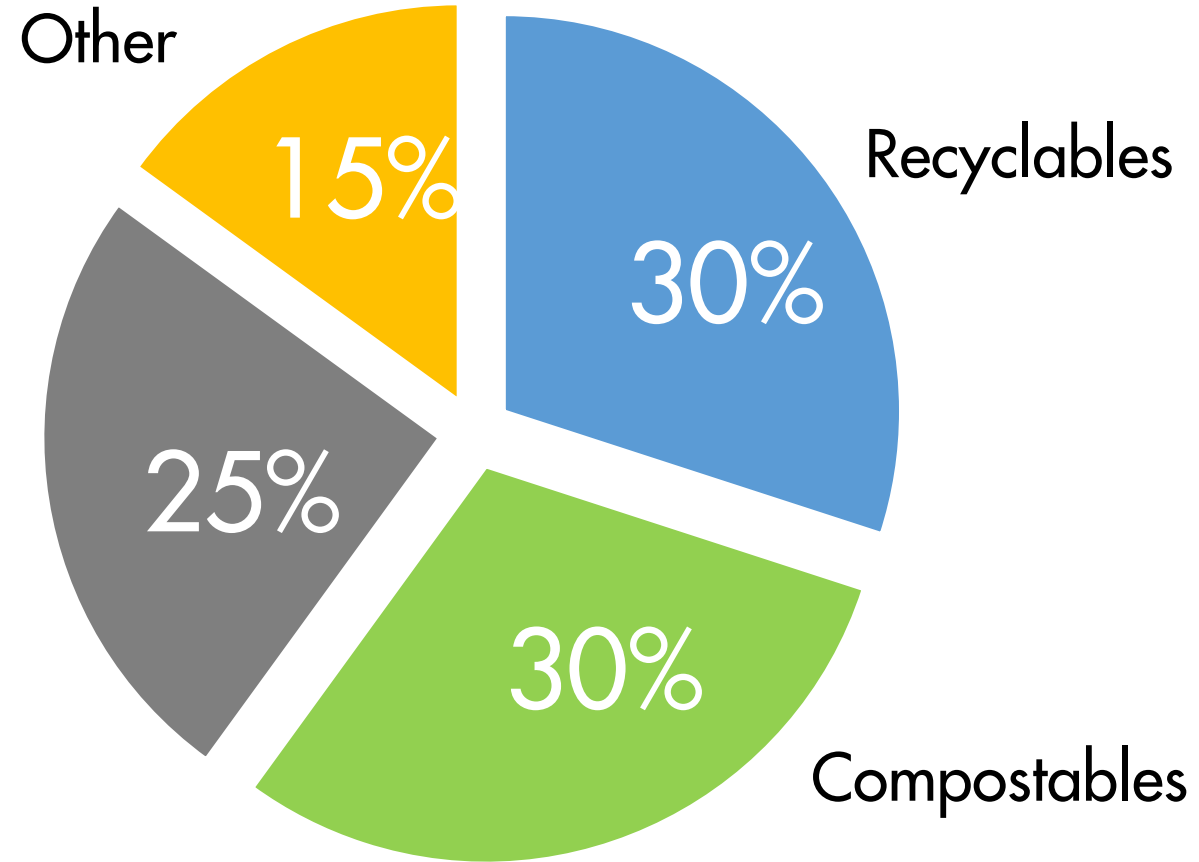
# C&D Going to Landfill: 1/4 of Total Disposal



25%

Construction  
& Demolition  
Debris

(\*excludes "Alternative Daily Cover")



# Illegal Dumping Includes C&D Debris



# Community Health and Environmental Justice



# Community Health and Environmental Justice





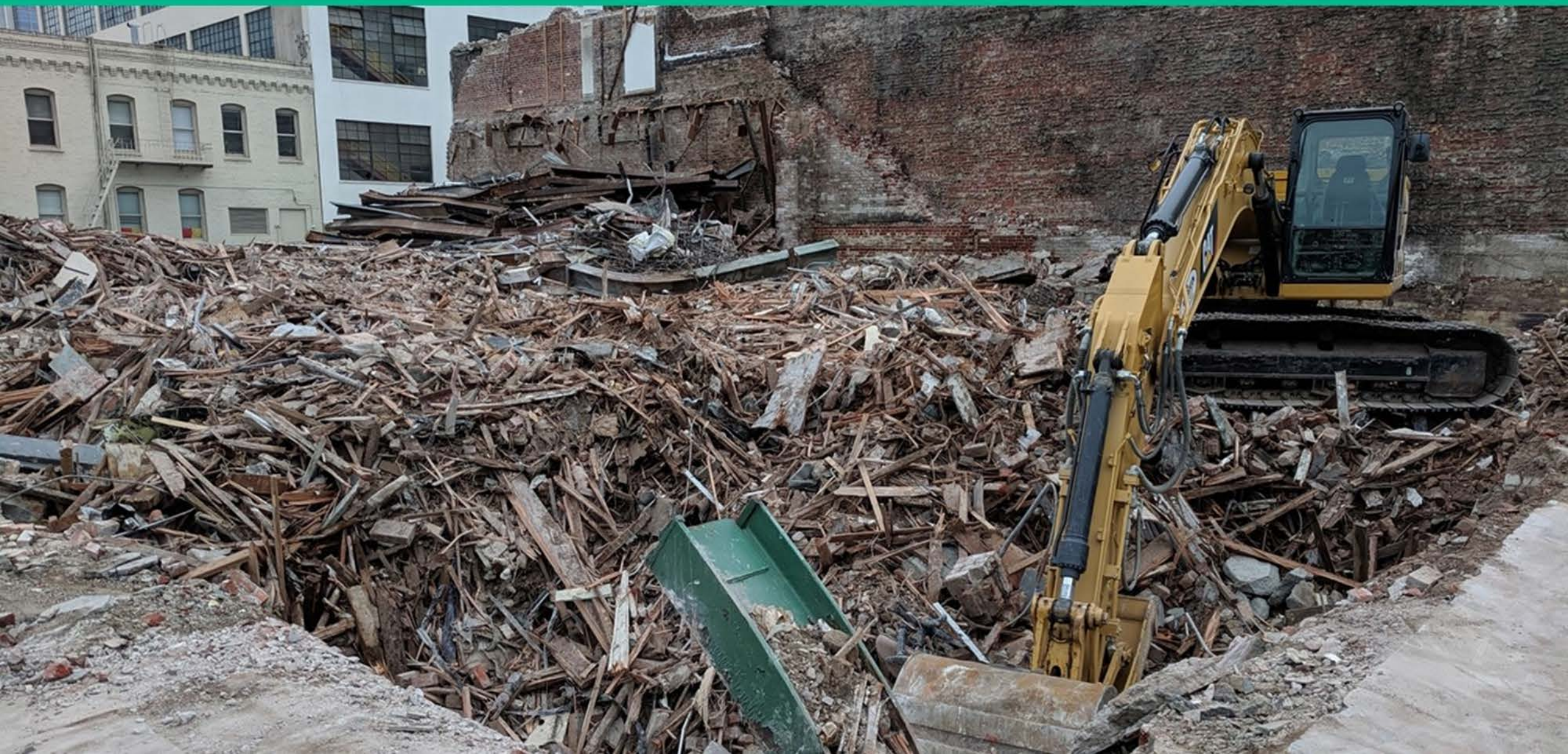
# Stakeholder Engagement Outreach



# Bolstered Facility Oversight



# Bolstered Oversight of C&D Projects



# Transporters Play a Critical Role



# Leveling the Playing Field




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# SFPW Existing Debris Box Permit Fee System



**ANNUAL DEBRIS BOX PERMIT**



PERMIT NUMBER

DEBRIS BOX COMPANY

DEBRIS BOX NUMBER

DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF SAN FRANCISCO



# Proposed Ord: Permit Fees For Mixed C&D Debris



| Vehicle Type  | Gross Vehicle Weight | CA DMV Weight Code | Proposed Permit Tier | Typical Projects Served                                     | Proposed Permit Fee         |
|---|----------------------|--------------------|----------------------|---|-----------------------------|
| Pick-ups  | <10,000              | No Code            | Tier 1*              | Small Residential & Commercial                              | \$395/year<br>\$175/7-day   |
| Pick-ups combined with Small Trailers, and Small to Medium Trucks | 10,000–15,000        | A                  | Tier 2               | Medium to Large Residential, and Small to Medium Commercial | \$1,200/year<br>\$300/7-day |
|   | 15,001–20,000        | B                  |                      |   |                             |
|   | 20,001–26,000        | C                  |                      |   |                             |
| Medium to Large Dump Trucks                                       | 26,001–30,000        | D                  | Tier 3               | Large Residential & Commercial, and Full Demolition         | \$1,600/year<br>\$400/7-day |
|   | 30,001–35,000        | E                  |                      |   |                             |
|   | 35,001–40,000        | F                  |                      |   |                             |
|   | 40,001–45,000        | G                  |                      |   |                             |
|   | 45,001–50,000        | H                  |                      |   |                             |
|   | 50,001–54,999        | I                  | Tier 4               | Largest Projects, And Full Demolition                       | \$2,000/year<br>\$500/7-day |
|   | 55,000–60,000        | J                  |                      |   |                             |
| Super Dump, Semi-End Dump, and Transfer Trailers                  | 60,001–80,000+       | K,L,M,N            | Tier 4               | Largest Projects, And Full Demolition                       | \$2,000/year<br>\$500/7-day |

Transporter/contractor data show cost impacts from the proposed permit fees range from **0.005% to 0.05% of total construction project costs**

\*Tier 1 permits are scheduled to be phased in during 2<sup>nd</sup> year of permit fees

# Tier 1 Vehicle: Pickup Trucks Phased In A Year Later





# Tier 2 Vehicle: Small to Medium Sized Trucks



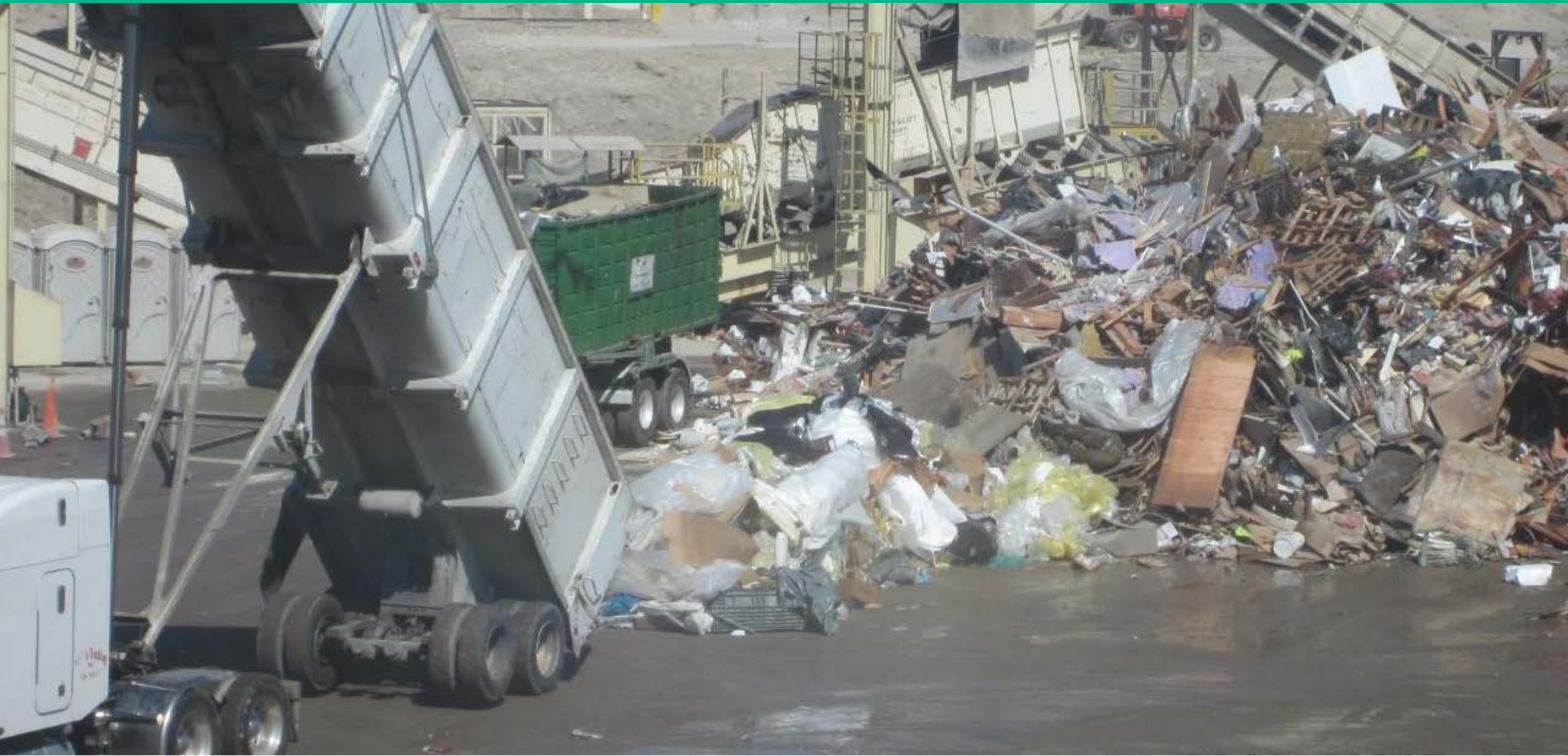
# Tier 3 Vehicle: Larger Dump Trucks



# Tier 4 Vehicle: Super/Semi End Dumps and Trailers



# New Facility Requirements



# City Partnerships to Increase C&D Compliance



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and  
Demolition**  
waste material



# No C&D Material to Landfill!



**SF Environment**

# Questions?



Thank you!

Jack Macy  
Commercial Zero Waste Sr. Coordinator  
San Francisco Department of the Environment  
[Jack.Macy@sfgov.org](mailto:Jack.Macy@sfgov.org)

James Slattery  
C&D Debris Recovery Asst. Coordinator  
San Francisco Department of the Environment  
[James.Slattery@sfgov.org](mailto:James.Slattery@sfgov.org)



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