



El Paso Fire Department

Recycling Facility Ordinance



The Challenge

- Twenty (20) significant fires at recycling facilities in past two (2) years.
- Citizen complaints



Affected Recycling Facilities

- Paper Products
- Computer components
- Glass
- Metals
- Automotive
- Plastics



Metals Recycler





Paper Recycler



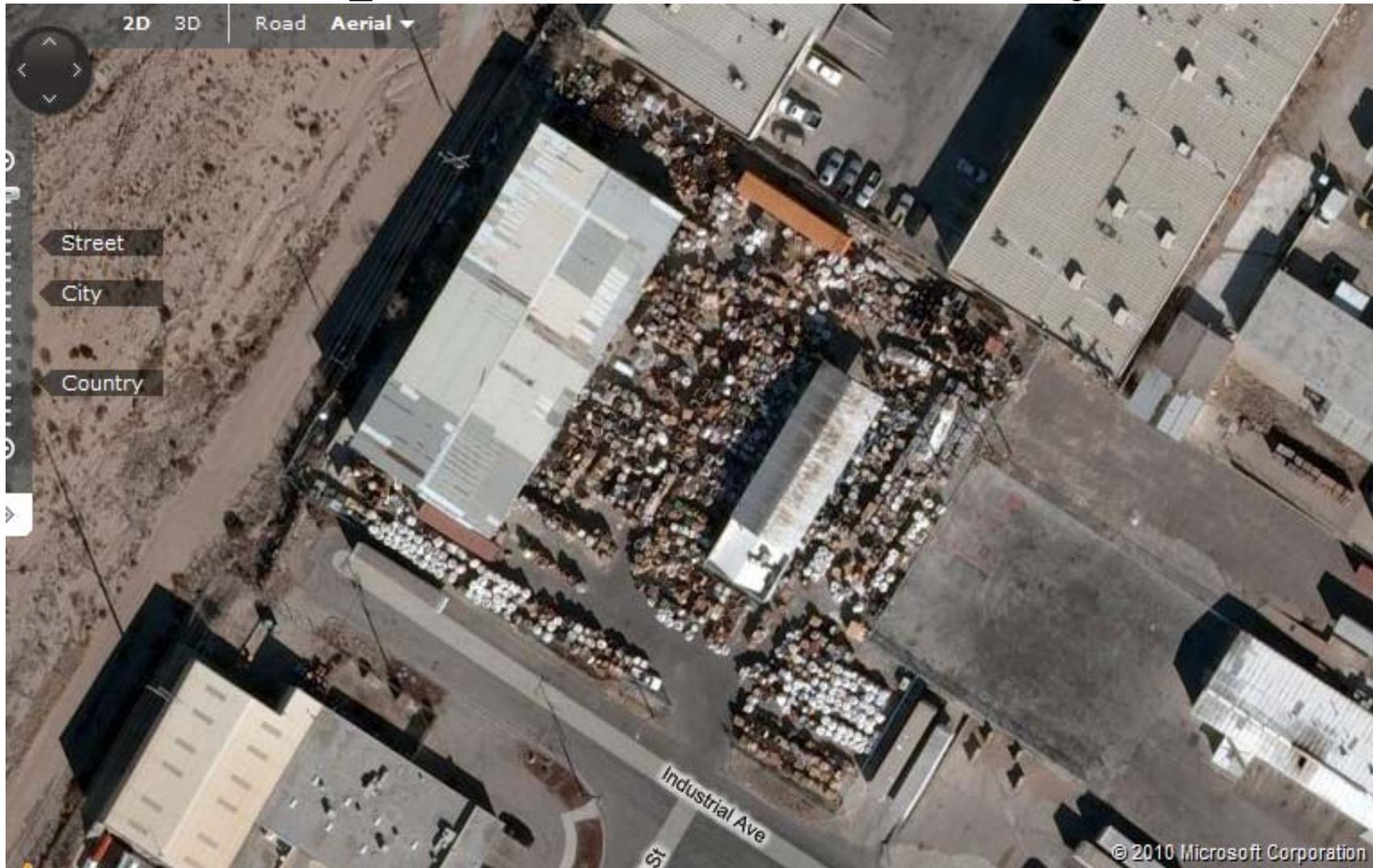


Plastics Recycler





Paper/Cardboard Recycler





Ordinance Summary

- Current permitting requirements will now apply to :
 - Automobile wrecking yards
 - Recycling facilities

- New definitions;
 - Automobile wrecking yard
 - Combustible waste
 - Fluff (Zorba)
 - Pile storage
 - Recycling facilities
 - Wrecking yard



Ordinance Summary con't.

- Specific Permit Requirements:
 - Provide an approved fire apparatus access road
 - Fencing along perimeter of property
 - Applicable emission control devices must be maintained
 - Outdoor storage materials must be contained within property boundaries

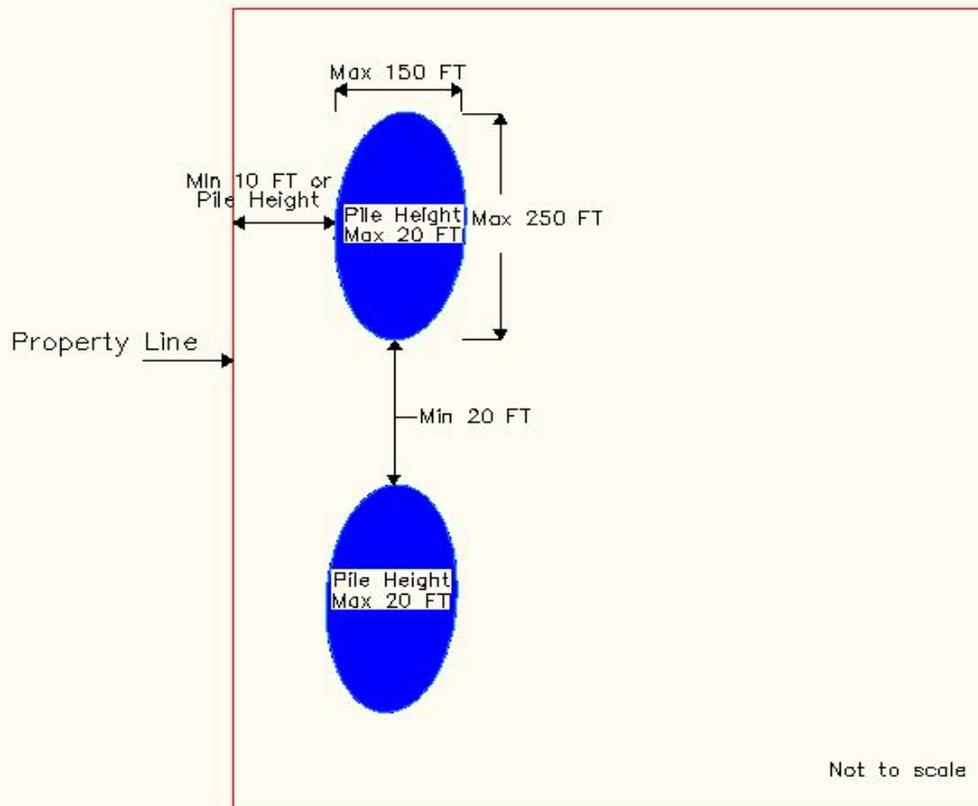


Ordinance Summary con't.

- Outdoor Storage Requirements
 - Surface area & height limitations
 - distance limitations between piles
 - distance limitations from property line



Recycling Facility Distance Limitations





Fluff (Zorba)

- By-product of recycling process, shredding, separation, compaction or transportation which may/may not have salvageable value or combustible properties.
- Can become air borne during high wind events or during processing
- Usually stored outdoors due to large volume



Fluff (Zorba)





Facility Emission Controls

- Contingent upon type of operations
- Contingent upon estimated emission rates
- Applicable TCEQ “permits by rule” provisions
- TCEQ operating permit provisions



Emission Controls

- Typical particulate matter controls
 - Water application
 - Sprayers on all transfer points
 - Storage piles
 - Unpaved roads
 - Mechanical
 - Baghouse
 - Cyclone
 - Enclosure
 - Building
 - tarps



Noise & Vibration

- Title 9- Health & Safety, Chapter 9.40- Noise
 - Exterior noise standards
 - Industrial/manufacturing 70+ dB(A), depending on monitoring interval
 - Vibration standard
 - Perceptible vibrations unlawful, unless exempted by rule (i.e., construction repair, remodeling or grading)



Time Lines

- May 2010
 - Stakeholder meeting
 - Draft ordinance posted on city website
- June 2010
 - Revisions based on stakeholder input
 - Final draft posted on city web site
 - LRC- Planning & Development ; agenda item
- July 2010
 - Public notice
 - City Council presentation
- Sept 1, 2010;
 - Proposed effective date



Questions ?