

UNDERSTANDING THE WASTE HAULER INSPECTION

Procedure for Waste Hauler Vehicles Inspection

Bill Prinz, Program Manager

Solid Waste Local Enforcement Agency (LEA)

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City of San Diego Solid Waste Local Enforcement Agency (LEA)

- ▶ Authority - Health, safety, welfare and protect environment
- ▶ Facilities, operations and equipment > health, related standards
- ▶ Avoid overlap with DOT, OSHA, CHP, APCD
- ▶ Public and private operators>residential, commercial, industrial solid wastes
- ▶ Cal Recycle - LEAs annually provide list of vehicles and types in jurisdiction
- ▶ Transfer station vs. hauler operation

Outline

Environmental and Health

considerations **Danielle Caestecker**

Inspection **Danielle Caestecker**

Before Inspection

Inspection Day

Violation, Area of concern, In Compliance

Inspection Report, NOV correction

Questions **Daron Warkentin, Bill Prinz**

Environmental and Health considerations

Waste accumulation, leaks and poor maintenance of vehicles →

- ▶ Pollution via Storm Drain
- ▶ Health issues from Air Pollution
- ▶ Diseases from Insects/Rodents

Storm water pollution

Waste leaks, engine oil and oily water → storm drain

- ▶ Ocean pollution
- ▶ Public health risk

San Diego has over 75,000 storm drains !!

Health issues from Air pollution

Sources of dust/particulates

- ▶ Uncovered trash, litter

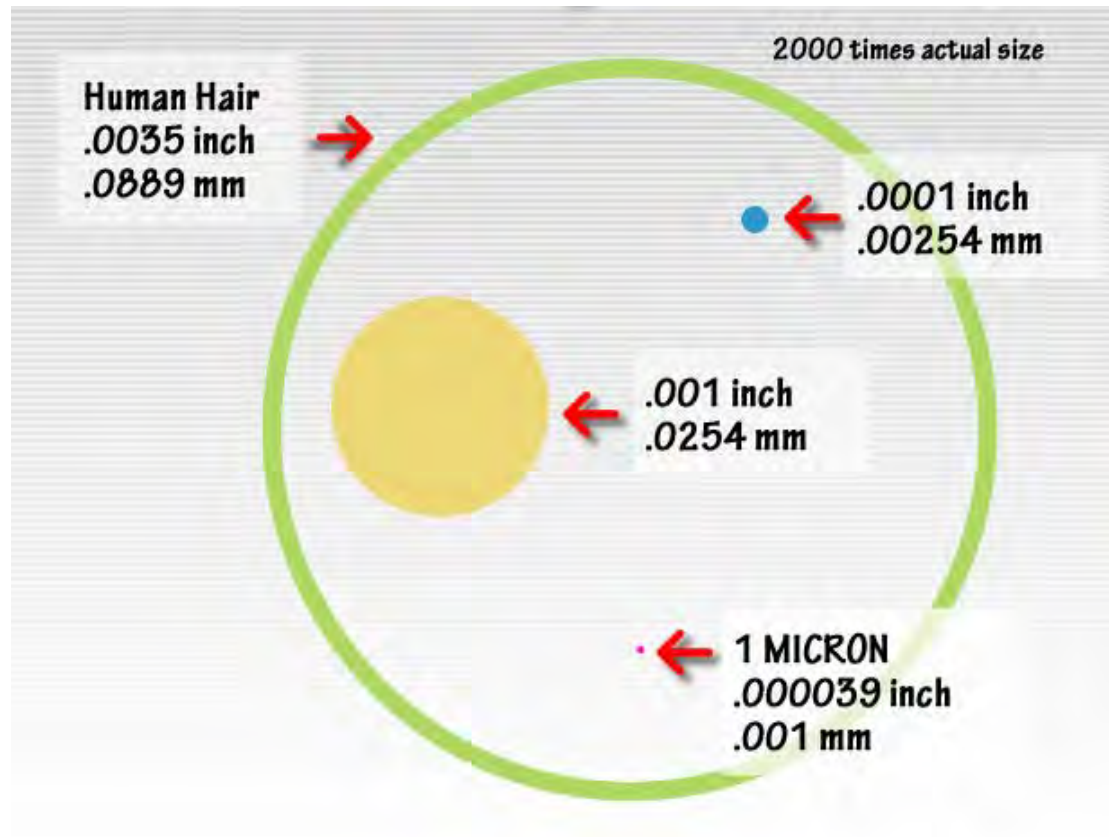
Dust and particulates → respiratory problems

- ▶ Particulate matter = tiny particles (dia < 10 μ)
- ▶ Particles can bypass body's natural defenses (nose, throat) and enter lungs (asthma, bronchitis..)

How big is a micron?

Red blood cells: Dia ~ 10 microns

Human hair: Dia between 10 and 100 microns



Diseases from Insects/Rodents

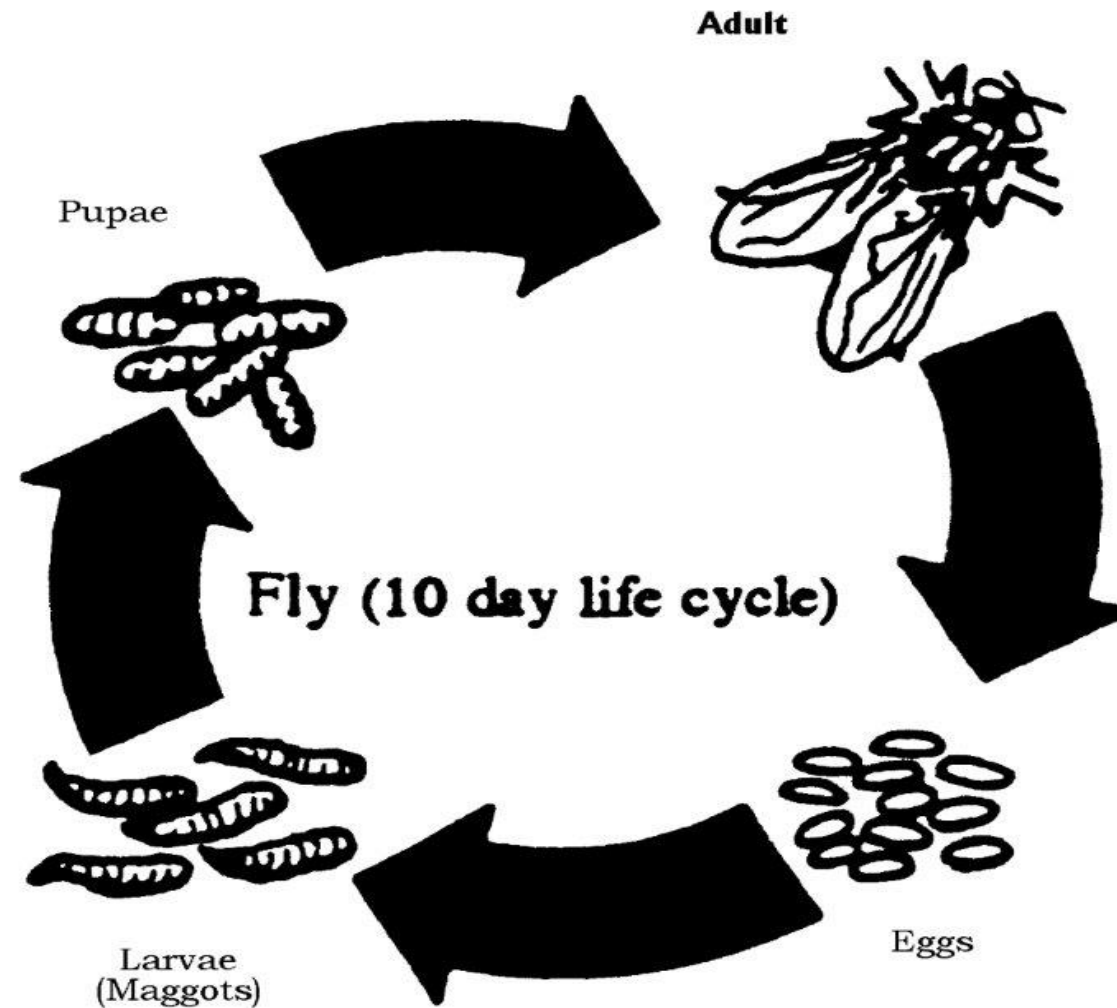
Waste accumulation attracts rodents and insects (flies, mosquitoes..)

- ▶ Insects and rodents carry and transmit diseases

Directly and indirectly transmitted by rodents

- ▶ Plague

Fly life cycle

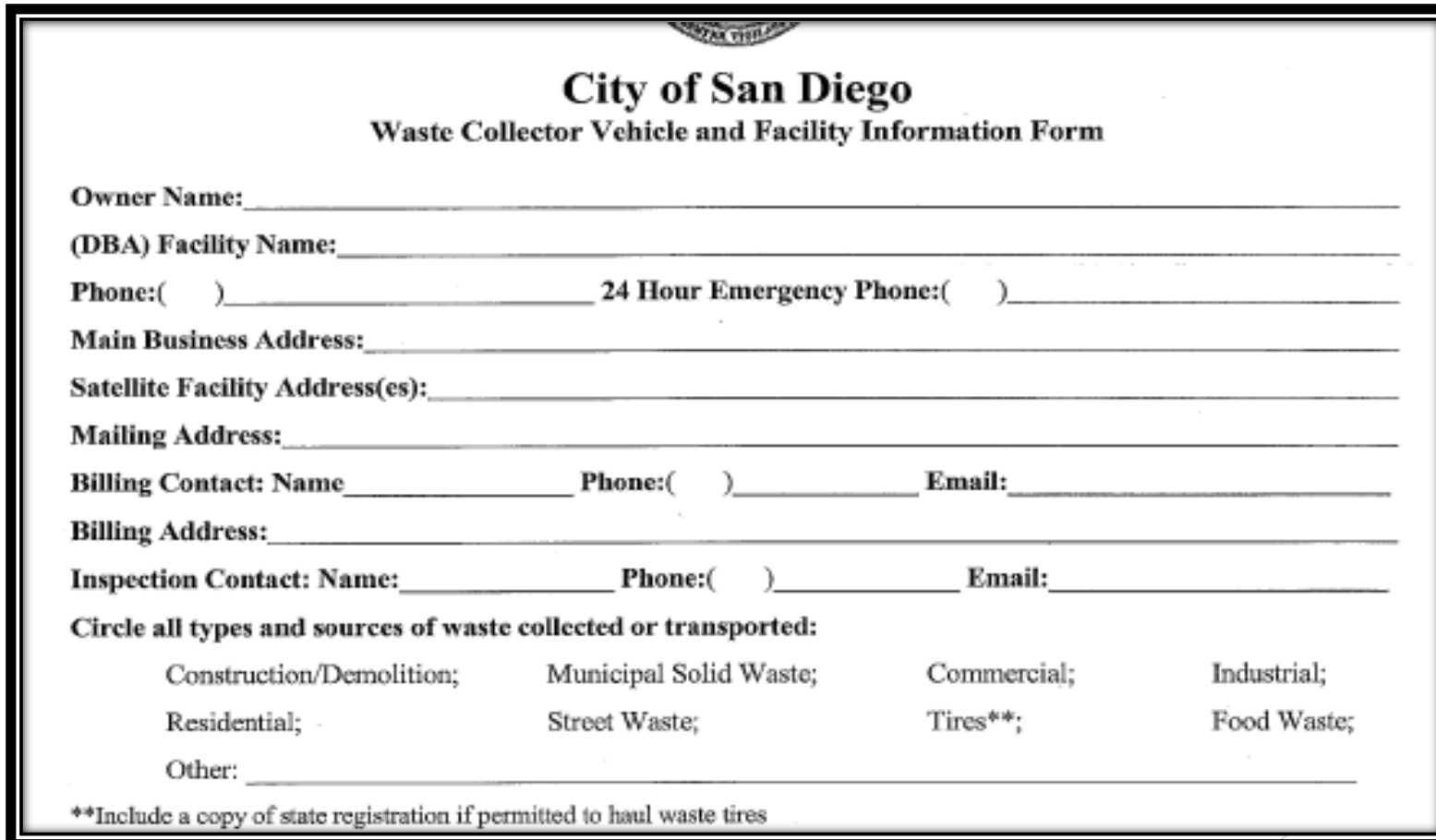


LEA's Authority to inspect

- ▶ Any time
- ▶ Landfill (Miramar, Sycamore)
- ▶ Transfer Station (Dalbergia)
- ▶ Field observation (driving by)

Before inspection

You will receive a letter from the city requesting information about your vehicles



City of San Diego
Waste Collector Vehicle and Facility Information Form

Owner Name: _____

(DBA) Facility Name: _____

Phone:() _____ 24 Hour Emergency Phone:() _____

Main Business Address: _____

Satellite Facility Address(es): _____

Mailing Address: _____

Billing Contact: Name _____ Phone:() _____ Email: _____

Billing Address: _____

Inspection Contact: Name: _____ Phone:() _____ Email: _____

Circle all types and sources of waste collected or transported:

Construction/Demolition;	Municipal Solid Waste;	Commercial;	Industrial;
Residential;	Street Waste;	Tires**;	Food Waste;
Other: _____			

**Include a copy of state registration if permitted to haul waste tires

Before inspection

Waste Collector Vehicle Information Form

Company Name:

Total Vehicle Enumeration:

***Note: List all vehicles that haul (pickup or deliver) waste at any given time in the City of San Diego. This includes, but not limited to, deliveries of waste to Miramar Landfill, Sycamore Landfill, and the EDCO Transfer station on Dalbergia St. Do not include vehicles that exclusively haul recyclable material.**

VEHICLE #	VEHICLE TYPE (front, side or rear loader, Roll Off, etc.)	VEHICLE LICENSE PLATE #	VEHICLE MAKE/MODEL/YEAR

Before inspection

- ▶ Set up appointment for inspector to come to the facility
- ▶ Confirmation by email
- ▶ Plan for a company representative/operator
- ▶ Facilities with a lot of vehicles: plan for 2 operators (at least one mechanic)
- ▶ Vehicles have to be available for inspection (+ have keys)

Inspection day

- ▶ Inspector checks in, meets with company's representative(s) (= operator)
- ▶ Operator escorts, helps find the vehicles
- ▶ Inspector will go over the hand signals we use to instruct operator.
- ▶ If 2 Operators, 1 in truck, 1 with inspector

NOTE: Operator to be familiar w/ truck' s controls

Inspection day (cont'd)

- ▶ Operator gets in vehicle, puts on seatbelt, turns the ignition

NOTE: seat belt needs to be operational

- ▶ Inspector stands in front of vehicle instructing operator
- ▶ Headlights: High beams, low beams
- ▶ Signals: Right turn, Left turn, Emergency flashers

Any of the above non-functional = Violation

Inspection day (cont'd)

Rear of vehicle:

- ▶ Lights are kept flashing, inspector checks that rear lights are flashing
- ▶ Operator turns off flashing lights; turns on left and right signal again

Any of the above non-functional = Violation

Inspection day (cont'd)

Rear of vehicle (cont'd):

- ▶ Inspector checks rear left turn and right turn signals are functioning
- ▶ Check turn signals on the side, if any
- ▶ Check side emergency flashers

Any of the above non-functional = Violation

Inspection day (cont'd)

Rear of vehicle: cont'd

- ▶ Brake lights
- ▶ Back up alarm, needs to be audible
- ▶ Running lights, Back up camera lights
- ▶ PTO (Power take off) sometimes called STROBE
- ▶ **Any of the above non-functional = Violation**

Running lights – Camera lights



PTO or Strobe Light



Inspection day (cont'd)

Rolloff truck:

Check Tarp:

- ▶ Mechanized deployment

NOTE: Inspector will ask operator to deploy the Tarp

- ▶ Manual tarp: needs to be available
- ▶ Tarp: no big holes or tears

Tarp unavailable or with big holes = Violation

Inspection day (cont'd)

Safety equipment:

- ▶ Spill kit
- ▶ Fire extinguisher (charged)
- ▶ Reflective Triangles or Cones

Any of the above missing = Violation

NOTE: If equipment is N/A but is replaced during inspection: still a violation but will be noted on the report as not needing a response

Inspection day (cont'd)

Other things we look for:

- ▶ Company Name and Logo
- ▶ License Plate
- ▶ Truck Number (repaint also needs #)
- ▶ Drip pan and Cleanout
- ▶ Rust, Dirt
- ▶ Premises general condition

Results

- In Compliance
 - Area of Concern (A)
 - Violation (V)
- Vast majority of our Violations and Areas of concern fall into 1 of these 3 categories

Leak Resistant (Liquid & litter control) (14 CCR 17341)			Safe Operating Condition (14 CCR 17342)			Operator I.D. on Vehicle (14 CCR 17344)		
V	A	NA	V	A	NA	V	A	NA

Leak Resistant: Waste leaks and other leaks

VIOLATIONS FOR:

- ▶ Hole(s) in bin/body
- ▶ Drip pan full or overflowing
- ▶ Backdoor not closing
- ▶ Cleanout spilling over
- ▶ Engine/Oil Leak
- ▶ Tarp torn/damaged: >6" dia <12" = A or
>12" = NOV

Hole in bin bottom



Holes in bin bottom



Holes in bin bottom



Holes in bin

Violation



Area of Concern



Welding failure



Welding failure



Welding failure



Waste leak



Drip pan full



Waste leak



Drip pan overflow



Cleanout spilling out



Cleanout spilling out



Bin back door not closing properly and hole



Hole in bin



Holes in bin



Tarp on bin



Damaged tarp



Damaged Tarp



Engine/Oil leak



Engine/Oil leak



Engine/Oil leak



Oil leak



Bin needs to be pulled from service



Safe operating conditions

VIOLATIONS FOR MISSING OR NON WORKING

- ▶ Headlights, Turn Signals, Running lights
- ▶ Back up camera lights/audible alarm
- ▶ PTO or Strobe

Safe operating conditions (cont'd)

VIOLATIONS FOR

- ▶ Bald tire, Tire damage
- ▶ Frayed/damaged electrical insulation (Safety!)
- ▶ Safety Equipment

Missing light



Damaged Electrical Insulation



Tire damage



Tire almost bald



Safety Equipment



Fire Exchanger out of compliance



Operator ID on vehicle

VIOLATIONS FOR:

- ▶ Company Name
- ▶ License Plate

License plate violations



Company Name Violation and Area of Concern

Violation



Area of Concern



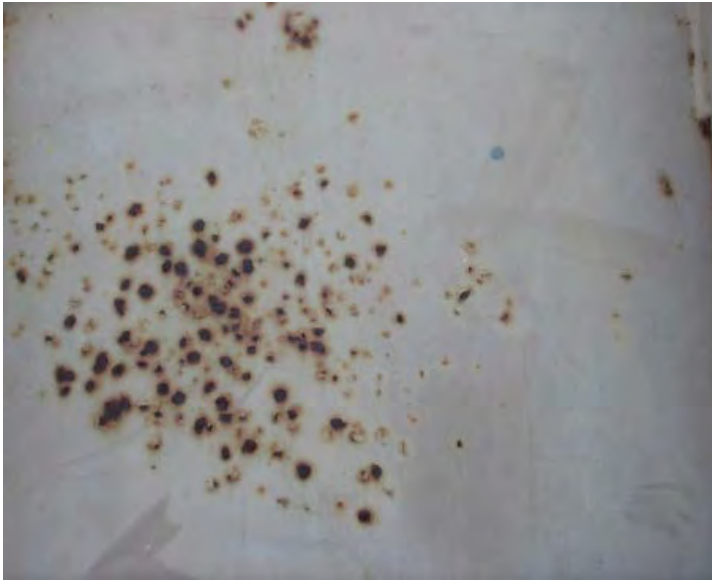
Other Standards/Criteria

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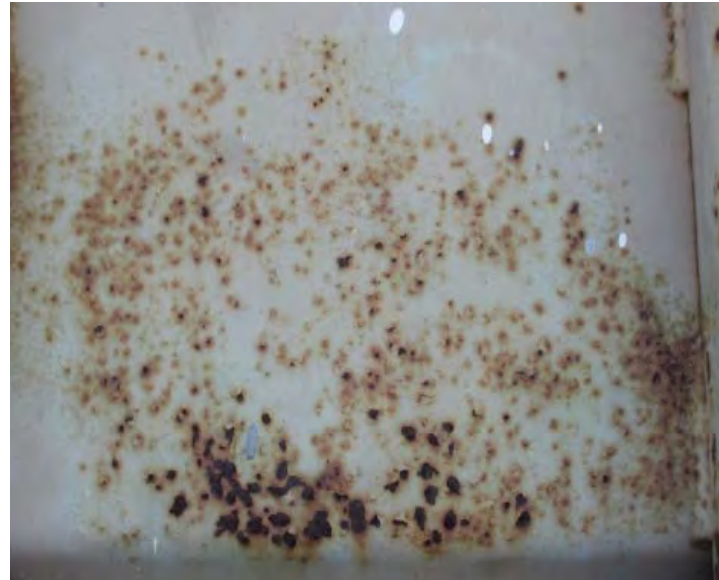
Rust and dirt violations

Evaluated on a percentage basis

10 %



25 %



>25% and <40% is an Area of Concern

Rust and dirt violations

Evaluated on a percentage basis

40 %



70 %



Over 40% is a Violation

Rust violation



Dirt Violation



Dirt Violation



Premises/Yard (City of San Diego only)

- ▶ General (14 CCR 17311) - 48 hrs limit
- ▶ Storage (14 CCR 17312)
 - Store all waste in containers
 - Containers must not leak
- ▶ Operator Responsibility (14 CCR 17314)
 - Containers kept in good condition
- ▶ Container ID (14 CCR 17316)
 - Name and phone # on containers > one cubic yard capacity

Bins in facility yard



Bin with trash



Bin leaking



Inspection Report

General info



City of San Diego
Solid Waste Local Enforcement Agency
1010 2nd Avenue
San Diego, CA 92101
Information (619) 533-3688

Waste Collector Yard and Vehicle Official Inspection Report

File Number	Inspection Date	Time In	Time Out	Inspection Time
Company Name			Received By (Operator)	
Address			Owner	
Inspector	Inspector Signature		Also Present	

The standards referenced below are considered in compliance unless marked with one of the following: V=violation; A=area of concern; NA=not applicable.

PART A – Premises

Inspection Report

Part A - Premises

The standards referenced below are considered in compliance unless marked with one of the following: V=violation; A=area of concern; NA=not applicable.

PART A – Premises

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STANDARD*	CRITERIA	V	A	NA
General (14 CCR 17311)	Safe and sanitary storage of solid waste accumulated on the property.			
Solid Waste Storage (14 CCR 17312)	Does not promote propagation, harborage or attraction of vectors.			
Design Requirements (14 CCR 17313)	Proper storage & handling of solid waste to accommodate anticipated waste loading; effective & safe removal & collection.			
Operator Responsibility (14 CCR 17314)	Containers maintained in good condition (ordinary wear and tear excepted).			
Container Identification (14 CCR 17316)	Name and telephone number on containers exceeding one cubic yard capacity.			
Regulation of Operators (14 CCR 17332)	Proof of current Waste Collector Permit as required under City of San Diego Ordinance 0-18497.			
Equipment Parking (14 CCR 17343)	Off-street parking provided for waste collection and transport vehicles.			

PART B – Vehicles & Equipment Inspection Standards and Criteria*

Vehicle I.D.	Durable Condition	Easily Cleanable, Non-Absorbent	Cleanliness (Vector/Nuisance control)	Leak Resistant (Liquid & litter control)	Safe Operating Condition	Operator I.D. on Vehicle	Equipment Available for Inspection
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Inspection Report

Comments: Lists violation details

Comments:

206426: TRUCK # (FRONT) SOME DIGITS NOT READABLE (V)
206432: HOLE IN PACKER FLOOR (V); HOLE, RIGHT SIDE OF BIN (V);
206432 (CONT'D); REAR, TOP, RIGHT, INSIDE RUNNING LIGHT POPPED OUT (A)
206433: LEFT & RIGHT REVERSE LIGHTS, ALL 4 OUT (V)
206439: SPILL KIT MISSING (V), FIXED @ TIME
OF INSPECTION - NO RESPONSE
REQUIRED

PLEASE PROVIDE A WRITTEN
RESPONSE TO ALL VIOLATIONS
WITHIN 30 DAYS OF RECEIPT

Correction of violations

- ▶ Response to violations within 30 days of receiving report
- ▶ Can be Repair Order, Pictures
- ▶ Can be emailed or snail mailed

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern, layered effect. The shapes are concentrated on the left and right sides of the frame, leaving a large white central area.

QUESTIONS?