RULE 2305 – WAREHOUSE INDIRECT SOURCE RULE
OVERVIEW OF INITIAL SITE INFORMATION REPORT (ISIR) REQUIREMENTS

WAIRE Compliance Training Video 8
South Coast Air Quality Management District

*The training videos are meant to provide warehouse operators and owners with further guidance on complying with Rule 2305 and Rule 316. In any instance where an interpretation of requirements in this training video conflicts with the rules, the rule language takes precedence.
### PURPOSE AND APPLICABILITY

**Purpose**
- Reduce local and regional smog-forming emissions associated with warehouses and the mobile sources attracted to warehouses
- Assist in meeting state and federal air quality standards for ozone and fine particulate matter
- Reduce public health impacts for communities located near warehouses

**Applicability**
- Applies to owners and operators of warehouses greater than or equal to 100,000 square feet of indoor floor space in a single building
# WAIRE PROGRAM REPORTING OVERVIEW

## Phase 1
- Warehouse Building Size: $\geq 250,000$ (Square Feet)
- Initial Site Information Report (ISIR): Previous 12 Months and Anticipated for AWR
- Due Date: July 1, 2022
- 1st Due Date: January 31, 2023

## Phase 2
- Warehouse Building Size: $\geq 150,000 - <250,000$
- Initial Site Information Report (ISIR): Previous 12 Months and Anticipated for AWR
- Due Date: July 1, 2023
- Annual WAIRE Report (AWR): January 1, 2023 – December 31, 2023
- 1st Due Date: January 31, 2024

## Phase 3
- Warehouse Building Size: $\geq 100,000 - <150,000$
- Initial Site Information Report (ISIR): Previous 12 Months and Anticipated for AWR
- Due Date: July 1, 2024
- Annual WAIRE Report (AWR): January 1, 2024 – December 31, 2024
- 1st Due Date: January 31, 2025

*If the warehouse operator vacates the warehouse during the compliance period, the AWR is due the date the operator leaves.*
Warehouse operators must submit an ISIR by July 1 of their initial compliance period

- For warehouse operators in a building ≥250,000 sq. ft. (Phase 1), the ISIR must be submitted by July 1, 2022

- The ISIR is a one-time report submitted by the warehouse operator, unless the warehouse operator re-locates to a different warehouse facility or an ISIR is requested by South Coast AQMD

- All reports must be submitted through the WAIRE Program Online Portal (WAIRE POP) system available at: www.aqmd.gov/waire
Information required for ISIR:

- General facility information
- Number of truck trips in previous 12-months
- Number of truck trips anticipated for this compliance period
- Fleet information (owned and leased), including yard trucks
- Onsite electric charging/alternative fueling stations, and alternative energy generation/storage equipment
- Anticipated actions to meet the WAIRE Points Compliance Obligation (WPCO)

**Example Worksheet for Truck Trips Tracking**

<table>
<thead>
<tr>
<th>Monthly Truck Trips</th>
<th>Class 2b-7</th>
<th>Class 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 1st</td>
<td></td>
<td></td>
</tr>
<tr>
<td>July</td>
<td></td>
<td></td>
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<tr>
<td>August</td>
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<td>March</td>
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<tr>
<td>April</td>
<td></td>
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</tr>
<tr>
<td>May 31st</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Anticipated number of truck trips for this compliance period (January 1st to December 31st)

Number of Class 2b-7 (Annual) 
Number of Class 8 (Annual) 
Anticipated WPCO for current compliance year
GENERAL WAREHOUSE INFORMATION

- Provide warehouse facility information:
  - Warehouse size (sq. ft.), square footage that may be used for warehousing activities, warehouse physical address, and square footage of leased or owned warehouse space

- Provide warehouse operator information:
  - Warehouse operator name, warehouse location, warehouse operation contact information (name, job title, address, email and phone number)

- Duration of current lease information
  - Start and end dates
<table>
<thead>
<tr>
<th>Potential Onsite Equipment</th>
<th>Examples of Information Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owned/Leased Trucks</td>
<td># of trucks owned/leased, # of trucks by class and fuel type, annual VMT, average dwell time</td>
</tr>
<tr>
<td>Owned/Leased Yard Trucks</td>
<td># of yard trucks owned/leased, annual hours of operation, fuel type, engine size</td>
</tr>
<tr>
<td>Electric Vehicle Supply Equipment (EVSE)</td>
<td># of onsite chargers, date of installation, total kWh provided, max power rating, # of plugs, types of vehicles using the charging station</td>
</tr>
<tr>
<td>Alternative Fueling Station</td>
<td>Fuel type, max fuel dispensing rate, max amount of fuel dispensed daily, types of vehicles using the alt. fueling station, total fuel dispensed</td>
</tr>
<tr>
<td>Alternative Energy Generation/Storage Equipment (solar, battery storage, etc.)</td>
<td>Rated capacity, max power rating, total storage capacity, total expected power delivered during the compliance period</td>
</tr>
</tbody>
</table>
TRUCK TRIP DATA

- A Truck Trip is the **one-way** trip a truck or tractor makes to or from a site through the truck gate/driveway with at least one warehouse to deliver or pick up goods stored at that warehouse for later distribution to other locations.
  - A truck or tractor entering a warehouse site and then leaving that site counts as two trips.

- Truck trips count from Class 2b-7 and Class 8 trucks, any powertrain type (Diesel, NZE, and ZE included)

For the ISIR:

✓ Provide the actual number of truck trips for Class 2b-7 and Class 8 trucks for the previous 12 months

✓ Provide the estimated number of truck trips for Class 2b-7 and Class 8 trucks that are anticipated to be reported in the first Annual WAIRE Report (AWR) for this compliance period (2022)
Provide information on anticipated actions to meet the WPCO.

**Warehouse Actions and Investments to Reduce Emissions (WAIRE) Menu**

- Mitigation Fee
- Custom WAIRE Plan
- Limited Use of Transferred/Banked WAIRE Points

**WAIRE Menu Options:**
- ZE/NZE Truck Visits and Acquisitions
- ZE Yard truck acquisitions and usage
- ZE Charging/Fueling Stations (Installation and Use)
- Onsite Solar Panels (Install, Energize, and Usage)
- Install or Replace Air Filters

*Note: This information is not binding – your actual WPCO may be different, and your plan to meet your WPCO may change during your compliance year.*
The Site Information Report Builder will calculate the anticipated WPCO based on estimated number of truck trips during the compliance period.

You will be asked to identify planned actions to earn WAIRE Points and meet the anticipated WPCO.

These actions may include one or more of the following: WAIRE Menu items, Custom WAIRE Plan, Mitigation Fee, or Transfer/Banked WAIRE Points.

The potential earned WAIRE Points for each item will appear on the Site Information Report Builder, as shown here.

The total “Potential Earned Points” must meet or exceed the Anticipated WPCO to complete the ISIR submittal.

Your proposed actions would satisfy the estimated WPCO.
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