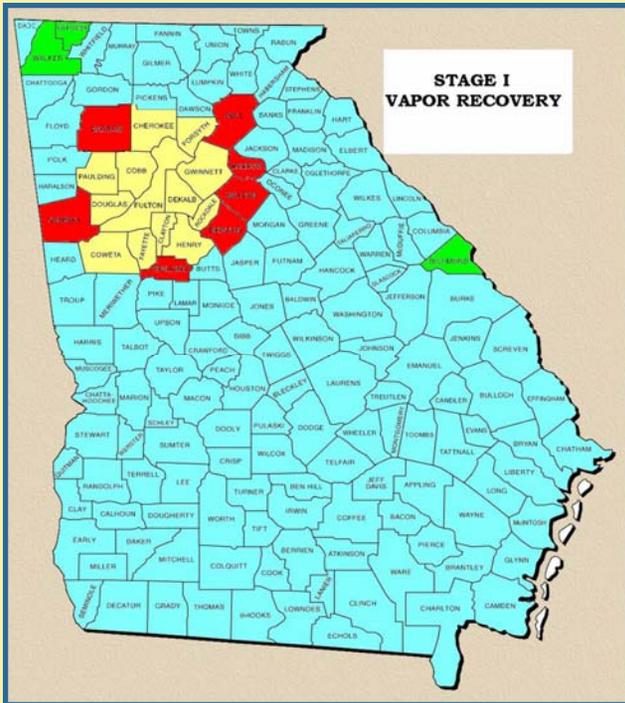


**Some Gasoline Dispensing Facilities  
in Georgia are required to have  
Enhanced Vapor Recovery  
(EVR).**

***Is EVR required at your facility?***



**EVR Conversion Date: May 1, 2012**  
New Facilities: June 1, 2008

**EVR Dates for Existing Facilities:**  
 ⇒ 100,000 GPM: June 1, 2008  
 ⇒ 50,000 - 100,000 GPM: November 1, 2008  
 ⇒ 10,000 - 50,000 GPM: March 1, 2009  
**EVR Date for New Facilities: June 1, 2008**

**EVR Conversion Date: March 1, 2023**  
New Facilities: June 1, 2008

**Stage 1 Vapor Recovery will be required by U.S. EPA  
> 100,000 GPM:**  
New Facilities: January 10, 2008  
Existing Facilities: January 10, 2010

For more information about Air Quality Rule 391-3-1-.02(2)(rr) or if you have questions about EVR, please call or email:

**Bassey Udosen**  
Environmental Engineer  
Georgia Environmental Protection Division  
Air Protection Branch  
Mobile and Area Sources  
4244 International Parkway  
Suite 134  
Atlanta, GA 30354  
Phone: 404 - 363 - 7028  
Fax: 404-362-2534  
Bassey.Udosen@dnr.state.ga.us



# Enhanced Stage I Gasoline Vapor Recovery

## Understanding Georgia's Requirements

Rules for Air Quality Control  
391-3-1.02(rr)



**Don't Get Caught Out of  
Compliance.**

*Keep your fumes in your tank,  
and your money in your bank.*

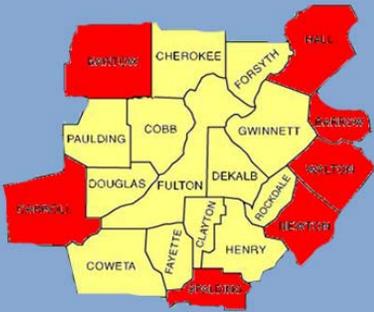
*We'll all breathe easier.*

## What Is EVR?

Enhanced Vapor Recovery (EVR) is a gasoline vapor recovery system which recovers at least 98% of the emissions at gasoline dispensing facilities (GDF) during gas drops.

- Stage I Enhanced Vapor Recovery System

## Who is required to have EVR?



The deadlines for installation:

- Red counties - May 1 2009;
- Yellow counties - May 1, 2012.

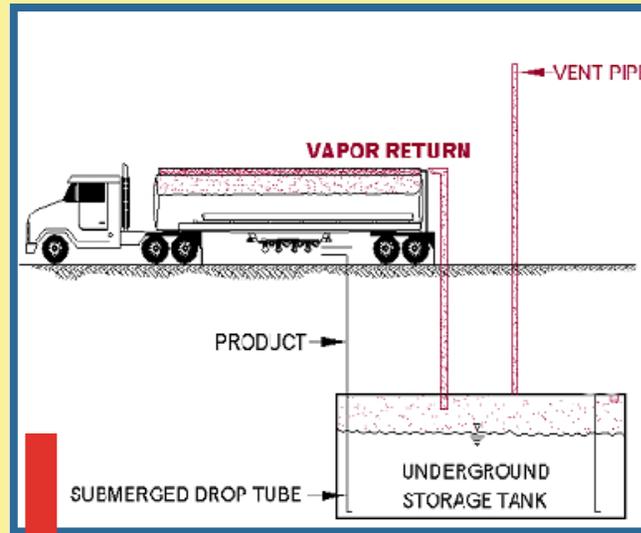
## Why Should We Care About Collecting Gasoline Vapors?

Air quality in the metro Atlanta region has been designated by the U.S. EPA as “non-attainment” for ozone and particle pollution. This means that the air does not meet federal air quality standards and can be unhealthy to breathe.



Fumes from gasoline contribute to ozone pollution. Some fumes are air toxics. EVR limits the amount of fumes and toxic compounds emitted into the air.

## Stage I Vapor Recovery System



## Components of a Stage I System

- ⇒ A drop tube as recommended by the system manufacturer that is within 6 inches from the bottom of the tank
- ⇒ Tank vents at least 12 feet high from the ground with an approved pressure/vacuum vent valve
- ⇒ A drain valve for the spill bucket
- ⇒ A vapor line capability for manifolded storage tanks

## What Is Different About EVR?

- ⇒ Identifiable Rotating Adaptors for Gasoline and Vapor
- ⇒ Integrated Drain Bucket, Drop Tube and Drain Valve
- ⇒ Specialized P/V Valve

- All components and installers must be certified by the manufacturer.
- You can not mix & match EVR parts.

## \*Stage I Approved Systems for Georgia:

- VR-101 [Phil-Tite Phase I Vapor Recovery System](#)
- VR-102 [OPW Phase I Vapor Recovery System](#)
- VR-103 [EBW Phase I Vapor Recovery System](#)
- VR-104 [CNI Manufacturing Phase I Vapor Recovery System](#)
- VR-105 [EMCO Wheaton Retail Phase I Vapor Recovery System](#)

\*System descriptions can be found at [www.arb.ca.gov/vapor/eo-evrphaseI.htm](http://www.arb.ca.gov/vapor/eo-evrphaseI.htm)

## Who can install my EVR?

*Only certified, trained technicians are allowed to install your EVR.* Each system's website has a list of certified technicians from which you can choose.

## Once my EVR system is installed, what am I required to do?

Your new system will need to be tested by a trained, certified tester. For a list of approved testers, call Bassey Udosen, GA EPD, at 404-363-7028.

## Testing and Maintenance Schedule

- ⇒ Certification testing is required within 30 days of system installation.
- ⇒ Recertification of existing Stage I is required every 12 months thereafter.
- ⇒ Recertification of EVR Stage I is required within 24 months following the initial certification and every 24 months thereafter.
- ⇒ EVR Stage I installers and testers must be certified by the manufacturer of the system installed..

## What about EPD inspections?

The Environmental Protection Division (EPD) will do unannounced inspections periodically to ensure that your EVR was properly installed and tested and is being maintained correctly.

Stay in compliance.  
Keep your fumes in your tank and your money in your bank.  
And we'll all breathe easier.