Vapor Recovery
Who needs an air permit?
Gasoline tanks 2,000 gallons and greater

- Stage 1 = Throughput is less than 10,000 gallons per month - GP004a / GP004b

- Stage 2 = Throughput is greater than 10,000 gallons per month
  - Site has Stage 2 equipment = GP004a
  - Site was installed as Stage 1 only OR site has decommissioned = GP004b

- Air permit Helpline (609) 633-2829
Stage 1 Equipment at tank top

Dry Break
- Manifolded or at each tank

Coaxial
- No new installs
Dry Break Violations

Open Venting

Stuck Open

Missing Something?
Stage 1 equipment at vent

Old PVV
- Should have been replaced by 12/23/18

New EVR PVV
- OPW (273v model)
- Husky (5885 model)
- Franklin (PV-zero model)
Stage 2 Equipment

Vac Assist
- Must be decommissioned by 12/23/20; unless site has a permeator

Balanced
- No decommissioning requirement
Common Stage 2 Violations

The Good

The Bad

The Ugly
Vapor Testing

- Stage 1 annual testing - All sites
  - PVV
  - Pressure Decay
  - Torque test - fills with swivel adaptors only
    - New installs upon installation
    - Existing installations 12/23/24
  - Tie Tank Test
    - At installation - no annual test required

- Stage 2 Three year testing - sites with Stage 2 only
  - Dynamic Backpressure (wet/dry blockage)
  - Air to Liquid Ration (vac assist only)

- 14-day notification required prior to testing
Decommissioning

- Vac Assist systems must decommission by 12/23/2020
- No deadline for balanced systems
- Work must be done by a NJ UST contractor certified in Installation or Closure
- 14-day notification is required before decommissioning AND after decommissioning (include PEI checklist, PVV, pressure decay and tie tank tests)
Where to cap the vent line?

- YES
- YES
- YES
- NO
Post decommissioning dispensers hoses

- ECo nozzles
- Low permeation hoses