

DEQ Update

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Overview

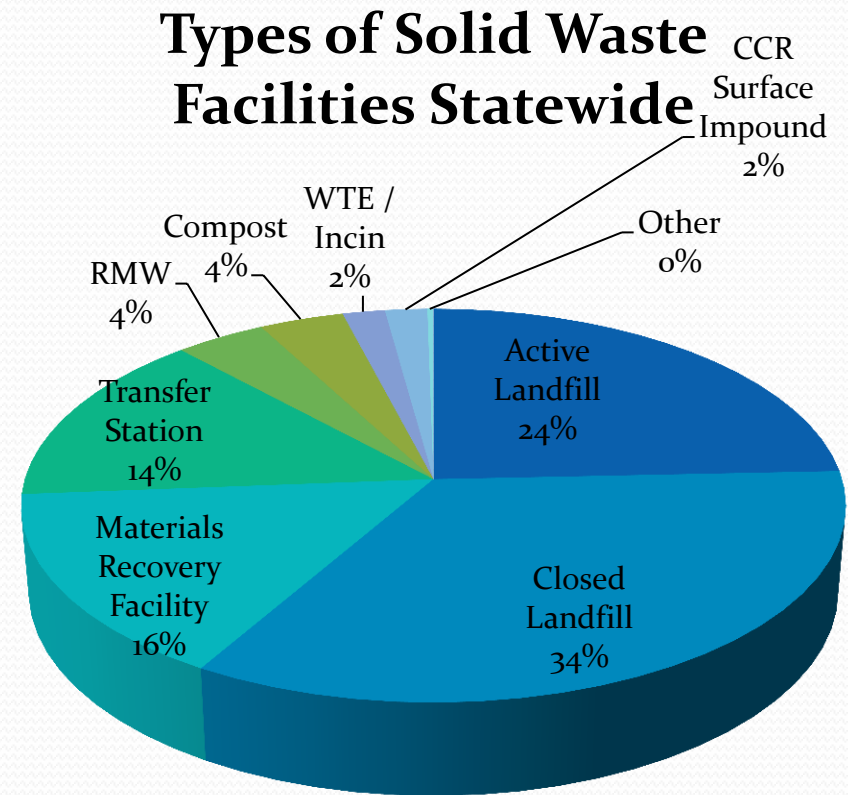
- Agency Activities
- Solid Waste Universe/Activities
- CCR
- NSPS/Emission Guidelines
- Bulb Crushing
- Guidance Documents
- Upcoming/Current Regulatory Activity

Agency Activities

- Blue Ridge Regional Office-Lynchburg Closure
 - Piedmont New Counties: Buckingham, Cumberland, Lunenburg, Mecklenburg, Nottoway, and Prince Edward Counties
- DEQ Central Office Move
 - 1111 East Main Street
- Reorganization
 - Jeff Steers-Director of Regional Operations/Piedmont Regional Director

Solid Waste Universe

Type	Total (2017)	Total (1992)
Sanitary Landfill	52	136
CDD Landfill	15	33
Industrial Landfill	23	34
Transfer Station	53	15
Materials Recovery Facility	57	5*
Compost Facility	14	5*
WTE/Incinerator	7	10
Closed Sanitary Landfill	95	
Closed CDD Landfill	15	
Closed Industrial Landfill	16	



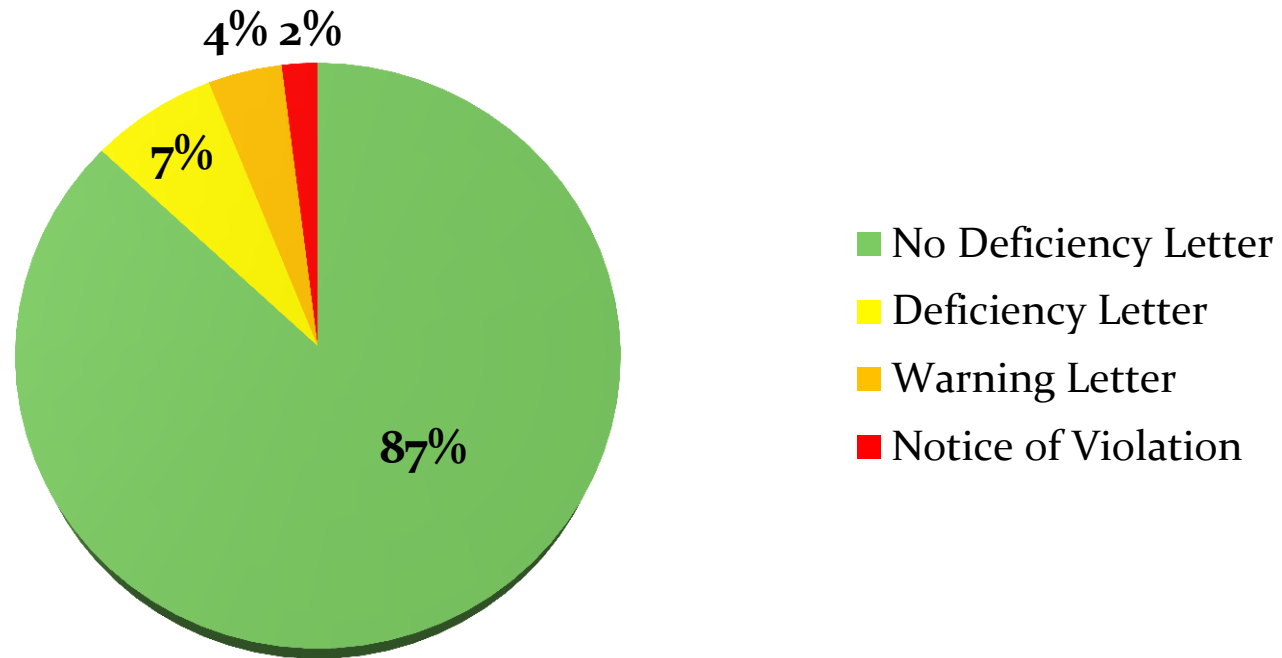
Solid Waste Permitting Actions (2016)

Permitting Action	Number
New Permits (4-PBRs; 1-SWP)	5
Major Amendments	9
Minor Amendments	33
PBR Modifications	7

Solid Waste Compliance

- 785 Inspections

Compliance Letters Issued FFY2016



Coal Combustion Residuals

- EPA Settlement (June 2016)
 - Addressed 4 Aspects of Rule
 - Inactive “Early Closure Provision” Vacatur
 - EPA Final Direct Rule (October 2016)
 - Incorporated update to VSWMR (Feb 2016)
 - Published/Effective-May 2017
 - 6” of soil on slopes
 - Corrective Action for non-groundwater releases
 - Addition of Boron to Assessment Parameters
- Senate Bill 1398

NSPS/Emission Guidelines: Landfills

- Requirements to Install GCCS
 - NMOC threshold lowered from 50 Mg/yr to 34 Mg/yr
 - Tier 4 – Alternative, site-specific threshold methodology established
- Exceedances
 - Corrective actions based on well head O_2/N_2 operational standards no longer required
 - Standards apply at all times, including startup, shutdown, and malfunction
- Regulations clarify when landfill owners or operators must submit alternative timeline requests

NSPS/Emission Guidelines: Landfills

- Published/Effective in 2016
- Virginia Incorporation (“Effective” Feb 22, 2017)
 - Landfills in Virginia need not comply with the new requirements before EPA approves DEQ’s associated 111(d) plan. Until then, compliance with the current applicable regulations (i.e., EG Cc, NSPS WWW, MACT AAAA) is expected.
- Comment Period Ends May 1, 2017
- Plan due May 30, 2017

VHWMR: Bulb Crushing

- Effective January 1, 2017
 - Written Notification of Crushing Activity
 - Existing: Notified and In Compliance (Jan/April)
 - New: Within 30 days of commencing
 - Monitoring and Limits for Mercury with Some Exemptions
 - Increased Records, Training, and Maintenance Requirements
 - Risk Based Tier For Air Monitoring Requirements
- Next Steps-EPA Authorization

Guidance Documents

- **Underdrain Guidance**

- Provide Consistent Parameters and Requirements
- Issued (November 2016) but Not Implemented (FAQs being developed)

- **Convenience Center FAQs**

- Clarifying Requirements v. Transfer Stations

- **Landfill Gas**

- Revised and Clarify Existing Guidance (Timeline/Reporting)
- Submit Comments-April 28, 2017

Upcoming/Current Regulatory Activity

- **Solid Waste Management Planning Regulations**
 - Updating of regulatory definitions to be consistent with definitions in other waste regulations;
 - Reordering of regulatory sections;
 - Moving the requirement for planning units to maintain and update solid waste management plans to a standalone section;
 - Clarifying the difference between major and minor amendments to a solid waste management plan;
 - Clarifying how to calculate the recycling rate; and
 - Revising the regulation to be consistent with the language found in §10.1-1411 C of the Code of Virginia concerning recycling rate credits.
 - Informal Comment Period End April 28, 2017
- **Regulated Medical Regulations**
 - Workgroup Review
 - NOIRA and RAP anticipated this year

Additional Activities

- VURAM
 - Released in 2016
 - Mathematical database model for Human Health Quantitative Risk Assessment (QRA)
- UECA
 - 32 UECA Executed
 - Utilized in Remediation Programs and Solid Waste
- DPOR Facility Licensing Revision
 - Composting

Questions?