



*Department of Environmental Quality
Solid Waste Section Update
NC SWANA Fall Conference
October 20, 2016*



Section Updates



- Hurricane Matthew
- New Training Courses
- Rules / Re-Adoption Process
- Staff Movement / Changes
- Other Initiatives



Hurricane Matthew

- DEQ-wide involvement (dam failures, spills, flooded facilities, public water availability, CAFOs, etc)
- Other DWM programs are dealing with a host of issues (50+ fuel related spills in UST, PRLF site impacts)



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Hurricane Matthew

- Solid Waste working on several fronts:
 - State EOC coverage
 - Multi-Agency State/Fed Coordination: EM, DOT, USDA, NCDA, EPA, FEMA
 - Temporary Debris Sites: Currently over 60 activated for use; enhanced mapping
 - Facility access/operations: 1 TS inaccessible due to road failure, shifted waste to neighboring county. All other LF/TS facilities in impacted areas reported minimal impacts and we're operational immediately.
 - Leachate Management: Several facilities impacted by WWTP being off-line; Some had extra storage capacity but did approved alternate storage/management option
 - Mortality Management: Coordination with NCDA on both composting (carbon sourcing & SME on-site) and MSWLF disposal (14 facilities may accept).
 - Relaxing Permit Conditions on service areas, operating hours, & tonnage limits to help expedite clean up activities; SOE effective but may be extended in certain areas.
 - Damage Assessment Flights with Civil Air Patrol and Marine Fisheries

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Hurricane Matthew Debris

- Demolition materials
- Vegetation
- Metals
- Household hazardous waste
- Ag related pesticides
- White Goods
- Electronics
- Inerts (concrete, asphalt, etc)
- Animal Mortality/Litter
- Sediment



New Training Classes

- CCR Landfill Operator Training – Joyce Engineering (approved)
 - 2 recent trainings (Duke Energy & Charah)
- Compost Site Operator Training – NC/US Compost Council and Joyce Engineering have submitted proposals. Currently not required by law.



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Periodic Rule Review Schedule

Action / Responsibility	Date
Initial Determinations / GWWMC	May 12, 2016
Approve Determinations for Public Comment / EMC	July 14, 2016
Public Comment Period	July 15, 2016 – September 13, 2016
Update / GWWMC	November 9, 2016
Action to Approve Final Determinations / EMC	January 12, 2017
Report Due to RRC	March 20, 2017
Final Determination Effective in 60 days / APO	June 2017
Commence Rulemaking to re-adopt rules determined to be necessary in accordance with APA.	Beginning July 2017

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Periodic Rule Review Schedule

Action / Responsibility	Date
Rules determined to be unnecessary will expire	July 2017
Agency works with RRC to set Re-adoption schedule	TBD
Re-adoption schedule is set	TBD
Stakeholder* process including public meetings	TBD
Deadline** for re-adoption	TBD

- *Stakeholder discussions can start anytime between now and the above TBD date.
- Section would prefer to work with any stakeholder group in advance to allow discussion and agreement on path forward
- Section has already been in communication with PENC, NWRA, Stericycle
- **Deadline could differ based on rule sets

Status of Other Proposed Rule Changes

- .0105 Collection and Transportation Rule Change
 - RRC approved rule changes; effective pending legislative review in 2017
- Life of Site Rules
 - Amendment to .0201 Permit Required: effective September 1, 2016
 - Repeal of .0206 Ten Year Permits: effective September 1, 2016
 - Adoption of New Rule .0207 Life-of-Site Permit Issued for Sanitary Landfill or Transfer Station (Re: Application Requirements): RRC approved new rule; effective pending legislative review in 2017
 - **SL 2015-286 statutory change requiring that life-of-site permits be issued was effective July 1, 2016.
- .0840 Sampling and Analysis (Re: Soil Sampling at SLAS) Rule Amendment
 - On agenda for the November 2016 EMC meeting
- Adoption of Federal Coal Combustion Residual Rules (with changes)
 - On agenda for the November 2016 GWWMC meeting

Staff Movement/Changes



Field Operations

7 new staff in last 15 months (4 former LG staff, 1 DEQ/DHEC, 2 internal SWS) and new Eastern compliance supervisor

Compliance & Permitting Hydrogeologists

Permitting

- Several staff splitting efforts on normal facilities and coal ash
- 1 new engineer position; 1 on leave and 1 anticipated retirement

Composting & Land App

- Lost inspector position in 2015 budget in east - shift in staff coverage areas
- 1 administrative position leaving - duties will be assumed by intern
- Engineer position crossover



Other Initiatives



- Groundwater Contamination Project:
 - Phase 1: Metals Exceedances at lined landfills
 - Stakeholders group May/June 2016 – Letters issued to facilities Aug 2016
 - 15A NCAC 13B .1633(c) – 2L exceedance requires assessment monitoring or demonstrate ASD w/in 90 days
 - Guidance document on ASD requirements forthcoming
 - 2 lines of evidence required with ASD submittal incl. field verification
 - Phase 2: Unlined landfills – expected summer 2017
- 30 years post-closure, now what?
 - Some facilities (or parts thereof) at/near 30 years
 - Unlined facilities that fall between PRLF & Sub D
 - Interested stakeholders? Let Section know!
 - Cessation or Decreased frequency of monitoring? What factors will be considered? Risk-based?
 - Permitting/Funding of continued activities?
- Environmental Justice – SWS driven; spreading across facility types and across the Division into other programs



Questions?

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