

SCS ENGINEERS



Update on Federal Regulations Affecting Landfills

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Regulations – Proposed and Final

- New Multi-Section General Permit for Stormwater (MSGP)
- New Source Performance Standards (NSPS)
- Coal Combustion Residuals (CCR)
- Revision to Research, Development and Demonstration Permits (RD&D)
- Food Waste
- Ozone

Multi-Sector General Permit (MSGP)

- Effective September 2, 2015
- Changes:

Electronic filing of all reports (except if given permission by Regional EPA office)

- Annual Reports (removed submission of quarterly reports)
- Stormwater Sampling Reports

SWPPP must be part of facility's website (direct link) or additional information added to EPA's website concerning components of SWPPP.

MSGP Continued

Endangered Species Filing Under Criteria C – must have been filed 30 days prior to submission of NOI.

Provided mapping capabilities to find areas with endangered species (very cool application) to validate selected criterion.

Proposed Changes to New Source Performance Standards

- Changes:
 - 50 Mg/yr of non-methane organic compounds (NMOC) emission threshold which triggers installation of a LFG collection and control system (GCCS) will be **LOWERED** to **34 Mg/yr**.
 - Other changes on operation of the GCCS
 - Added Tier 4 to assess whether a GCCS is required once NMOC exceeds 34 Mg/yr.
 - Expect Final Rule early 2016
 - Industry-wide comments were submitted to EPA

Coal Ash

- Coal Combustion Residuals (CCR):
 - EPA is encouraging MSWLF to accept CCR as long as there is an evaluation for waste compatibility and placement as required by Part 258 requirements.
 - A CCR acceptance plan must be prepared and kept in the facility's Operating Record.

Research, Development and Demonstration Permits

- Changes:

Current rule – 3 years each, renewable 3 times for total permit term of 12 years.

Proposed rule – Increase number of permit renewables to 6 for a total permit term of 21 years.

Food Waste

- September 2015
 - EPA and USDA Join Private Sector, Charitable Organizations to Set Nation's First Goals to Reduce Wasted Food.
 - Calls for a 50% reduction in food waste by 2030.

Ozone

- Ground level Ozone created by chemical reaction between VOC and NOx in presence of sunlight
- Standard set to protect public health and welfare
- 2008 standard was 75 ppb
- Ozone NAAQS Final Rule: October 1, 2015
- Reduced standard to 70 ppb
- Solid waste facilities emit VOC and NOx

ADDITIONAL QUESTIONS

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 - HAVE A HAPPY HOLIDAY!