Municipal Solid Waste
Air Permitting

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Texas Commission on Environmental Quality
Air Permitting Topics

- Applicable MSW Air Registrations and Permits
  - Standard Permit (SP)
  - Permit by Rule (PBR)
  - General Operating Permit (GOP)
MSW Standard Permit

- Located in 30 TAC 330, Subchapter U
- 3 Categories (Parallels NSPS WWW tiers):
  - Cat 1 < 2.5 MMg or 2.5 M³ (PBR + other)
  - Cat 2 > 2.5 MMg & 2.5 M³ & < 50 Mg NMOC
    - Cat 2 Reqs Testing & Reporting to keep under 50 Mg/yr NMOC => 50 Reqs GSSC
  - Cat 3 > 2.5 MMg & 2.5 M³ & > 50 Mg NMOC
    - Cat 3 Reqs LF GCCS
MSW Standard Permit

- Forms and Submittal
  - No PI-1S is required (like most SP)
  - No Fee is required
  - Submit Certification
  - Submit Checklists (not required but helpful)
  - Process Description
Facilities Typically Found at MSW sites.

• 106.181 Used-Oil Combustion Units
• 106.183 Boilers, Heaters, and Other Combustion Devices
• Various sources and recycling equipment that meet the requirements of a 106.261 Facility (which have Emissions and Distance Limitations)
• 106.433 Surface Coating Facilities
• 106.436 Auto Body Refinishing Facilities
• 106.451 Wet Blast Cleaning
• 106.452 Dry Abrasive Cleaning
• 106.454 Degreasing Units
• 106.472 & 473 Organic and Inorganic Liquid Loading and Unloading
• 106.478 Storage Tanks and Change of Service
• 106.492 Flares
• 106.496 Air Curtain Incinerators
• 106.512 Stationary Engines and Turbines
Permit by Rule

- Permit by Rule 30 TAC 106.534
  - Specific to MSW & Transfer Stations
  - Must obtain a MSW Permit from the Waste Permits Division
  - Design capacity
    - 2.5 million megagrams by mass
    - 2.5 million cubic meters by volume
  - NMOC less than 50 Mg per year
  - Visible emissions
    - must not leave property for a period exceeding 30 seconds and any 6 minute period – EPA Test Method 22 (found in 40 CFR Part 60 Appendix A.)
Permit by Rule

- Forms and submittal
  - Form PI-7 or PI-7CERT
  - Checklist
  - Process Description
  - Emission Calculations
MSW Federal Permitting GOP 517

• What triggers a Federal Permit for MSW Sites
  • NSPS WWW
  • Combined emissions from all facilities are equal to or greater than any of the following (TPY):

<table>
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<tr>
<th>VOC</th>
<th>SO2</th>
<th>PM2.5/PM10</th>
<th>NOx</th>
<th>CO</th>
<th>PB</th>
<th>HAPs Single</th>
<th>HAPs Combined</th>
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<tbody>
<tr>
<td>100</td>
<td>100</td>
<td>10/15</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>10</td>
<td>25</td>
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</table>
MSW GOP

- Forms and Submittal
  - GOP Application and Standard Permit Certification Form.
  - Checklist(s)
  - Process Description
Questions About MSW Air Permitting?

Call Us!

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