1st Meeting Q&A Follow-Up

• What is the hierarchy of prescribed fire laws/rules/regulations and where will DEQ’s rules fall in this?
  – Good Neighbor Authority
  – Shared Stewardship Agreement

• Does a naturally ignited fire that is allowed to burn for land management reasons fall under the DEQ prescribed fire rules?
• What do the smoke management plans look like in our surrounding states?
<table>
<thead>
<tr>
<th>State</th>
<th>Classification of Burn/Burner</th>
<th>Registration/Permits</th>
<th>Request to Burn</th>
<th>Education/Training</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utah</td>
<td>Size of single day burn</td>
<td>Land managers of more than 50 acres must submit a &quot;burn schedule&quot; yearly; &quot;large burns&quot; must submit burn plan 2 weeks prior</td>
<td><strong>Yes</strong> - large burns (over 20 acres/day) must submit request and be approved</td>
<td>No</td>
</tr>
<tr>
<td>Washington</td>
<td>Based on size of single site burn in 24 hours period</td>
<td>Over 100 tons of material burned at a single site in 24 hours near communities must register</td>
<td><strong>Yes</strong> - large burns must request; small burns must follow daily instructions by DNR (hotline or website)</td>
<td>No</td>
</tr>
<tr>
<td>Oregon</td>
<td>Based on location of burn</td>
<td>Registrations</td>
<td><strong>Yes</strong></td>
<td>No</td>
</tr>
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<tr>
<td>Montana</td>
<td>Majors and Minors - determined by level of emissions produced yearly</td>
<td>Yes - permits for Majors</td>
<td>Yes - Majors comply with MIAG, minors approval is seasonal</td>
<td>No - but must understand smoke control techniques</td>
</tr>
<tr>
<td>Nevada</td>
<td>Total emissions from a single day burn</td>
<td>Yes - permits 2 weeks to 30 days prior depending on size of burn</td>
<td>Yes - large burns (greater than 10 tons of PM10 emitted) must get approval, small must &quot;notify&quot; one day prior</td>
<td>No</td>
</tr>
<tr>
<td>Wyoming</td>
<td>Total emissions from a single day burn</td>
<td>Yes - registrations for burns larger than 2 tons PM10 per day</td>
<td>No - must notify DEQ prior to ignition</td>
<td>Yes - large burners must have smoke management education</td>
</tr>
<tr>
<td>Arizona</td>
<td>State and federal required to register</td>
<td>Yes - state and federal required - everyone must attend a pre-season coordination meeting</td>
<td>Yes - must submit burn plan 2 weeks in advance for review and request burn daily</td>
<td>No - pre-season coordination meeting where emission goals are established</td>
</tr>
</tbody>
</table>
Smoke Management Program Elements

- Authorization to burn
- Minimizing air pollutant emissions
- Burn plans – smoke management components
- Public education and awareness
- Surveillance and Enforcement
- Program evaluation or audit
Basic Smoke Management Practices

- Evaluate smoke dispersion conditions to minimize impacts
- Monitor effects of fire on air quality
- Record basic smoke management practices, fire activity, and effects
- Communicate and notify authorities and affected public
- Utilize emission reduction techniques whenever possible
- Collaborate with nearby burners to manage smoke emissions
Rule Concepts

• Meet smoke management elements and incorporate practices

• Leverage the MT/ID Airshed Group where possible

• Possibly “Certify” Airshed Group as meeting DEQ’s rules

• DEQ approval to burn
Rule Concepts

• Year-round process
• Smoke management training for burners
• Development of Operations Guide
• Advisory committee for ongoing stakeholder involvement
• More emissions = more requirements
Delineation of Burner Types

• Major Burner
  – Burn more than 2,250 tons material per year

• Minor Burner
  – Burn less than 2,250 tons material per year
  – Burn Category 1
    • More than 100 tons material per day
  – Burn Category 2
    • Between 2 and 100 tons material per day
  – Burn Category 3
    • Less than 2 tons material per day
Major Burners

• These burners use prescribed fire on a regular basis
• Federal and state land managers
• Individuals that own or lease large parcels of land
• Same requirements regardless of size of individual burns
Major Burner Requirements

- Annual Registration
  - Information similar to Airshed Group database
- Pre-season meeting with DEQ
  - Review registered burns, identify complex smoke issues
- Request to burn business day prior
- Burn boss is “certified burner” for smoke
  - RX410 Training Course or similar
- Burn only with DEQ approval
Major Burner Requirements

- Request spot weather forecast with smoke dispersion information morning of burn
- Burn boss to verify and record weather conditions prior to ignition
- Monitor smoke dispersion
- Provide adequate communication and notification to surrounding area
- Report acres burned to DEQ
Minor Burners

• Does not meet definition of Major Burner
• These burners don’t burn frequently throughout the year
• Can burn large amount in a single day
• 3 categories of requirements based on size of individual burn at a single site in a 24 hour period
Minor Burner General Requirements

• Take DEQ Smoke Management Training every 5 years
• Burn only with DEQ approval
Minor Burner – Burn Category 1

• Register individual burn
• Request to burn business day prior
• Burn with DEQ approval
• Request spot weather forecast related to smoke dispersion
• Person responsible for burn to verify and record weather conditions prior to ignition
• Monitor smoke dispersion
• Report acres burned to DEQ
Minor Burner – Burn Category 2

• Request to burn one business day prior
• Burn on designated burn day
• Monitor smoke dispersion
• Report acres burned to DEQ
Minor Burners – Burn Category 3

- Follow restrictions on DEQ Open Burning Map
- Encourage use of good smoke management practices
DEQ Burn Approval Process Major, Minor Category 1 & 2

- Protection of the NAAQS by evaluating the following:
  - Current and forecasted air quality
  - Expected Emissions
  - Proximity to other burns
  - Acreage, burn type, fuel load and characteristics
  - Elevation
  - Duration of burn
  - Meteorological Conditions
  - Proximity to communities
  - Other relevant factors
DEQ Burn Approval Process
Minor Category 3

• DEQ has not issued a Stage 1 Air Pollution Forecast and Caution – which bans all open burning

• Local ordinance is not triggered which bans open burning
DEQ Notification Process

- Proposed, approved, and completed burns available online
- Post weather forecast on website
Comment Deadline: May 30th

Next Meeting: June 20th

Thank you