



Idaho Department of Environmental Quality

Prescribed Fire Negotiated Rulemaking

May 10, 2019



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?



1st Meeting Q&A Follow-Up

- What do the smoke management plans look like in our surrounding states?



	<u>Classification of Burn/Burner</u>	<u>Registration/Permits</u>	<u>Request to Burn</u>	<u>Education/Training</u>
Utah	Size of single day burn	Land managers of more than 50 acres must submit a "burn schedule" yearly; "large burns" must submit burn plan 2 weeks prior	Yes - large burns (over 20 acres/day) must submit request and be approved	No
Washington	Based on size of single site burn in 24 hours period	Over 100 tons of material burned at a single site in 24 hours near communities must register	Yes - large burns must request; small burns must follow daily instructions by DNR (hotline or website)	No
Oregon	Based on location of burn	Registrations	Yes	No



	<u>Classification of Burn/Burner</u>	<u>Registration/Permits</u>	<u>Request to Burn</u>	<u>Education/Training</u>
Montana	Majors and Minors - determined by level of emissions produced yearly	Yes - permits for Majors	Yes - Majors comply with MIAG, minors approval is seasonal	No - but must understand smoke control techniques
Nevada	Total emissions from a single day burn	Yes - permits 2 weeks to 30 days prior depending on size of burn	Yes - large burns (greater than 10 tons of PM10 emitted) must get approval, small must "notify" one day prior	No
Wyoming	Total emissions from a single day burn	Yes - registrations for burns larger than 2 tons PM10 per day	No - must notify DEQ prior to ignition	Yes - large burners must have smoke management education
Arizona	State and federal required to register	Yes - state and federal required - everyone must attend a pre-season coordination meeting	Yes - must submit burn plan 2 weeks in advance for review and request burn daily	No - pre-season coordination meeting where emission goals are established



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

