

Meeting Agenda (Day One)

Wednesday, April 30, 2014
8:00 AM – 5:30 PM

Boise, Idaho



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| 8:00 | Call to Order | Greg Johnson, Designated Federal Official |
| 8:05 | Opening Remarks | Jason Weller, Chief, NRCS & AAQTF Chair |
| 8:15 | Welcome to Idaho and AQ and Idaho NRCS | Jeff Burwell, ID State Conservationist |
| 8:45 | Idaho Agriculture and Air Quality | April Leytem, Bruce Louks, Idaho DEQ, Rick Naerebout, Idaho Dairymen's Association |
| 10:15 | Break | |
| 10:30 | Legal Perspectives on Ammonia Regulation in the U.S. | Gary Baise |
| 11:15 | US Forest Service and Air Quality | Pete Lahm, Forest Service |
| 11:35 | USDA ARS and Air Quality | Charlie Walthall, ARS |
| 11:55 | Lunch | |
| 1:00 | Voluntary SIP Creditability in CA Update | Ted Strauss and Rick McVaigh |
| 1:30 | EPA Ag Air Quality Update | Tom Powers, EPA |
| 2:45 | Break | |
| 3:00 | USDA Greenhouse Gas and Climate Change Update | Bill Hohenstein, Director, USDA CCPO |
| 4:00 | USDA NIFA and Air Quality | Ray Knighton, NIFA |
| 4:20 | USDA NRCS and Air Quality | Greg Zwicke, NRCS |
| 4:45 | AAQTF Subcommittee Deliberations | AAQTF Subcommittees |
| 5:30 | Adjourn for day one | |

Meeting Agenda (Day Two)

Thursday, May 1, 2014
7:30 AM – 12:15 PM

Boise, Idaho



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| 7:30 | Opening Comments | Chief Weller, Greg Johnson |
| 7:40 | Ag Air Quality Success Stories | Subcommittees, Chief Weller |
| 8:15 | AAQTF Logistics (Next meeting site/dates; topics; etc.) | Chief Weller |
| 8:30 | Agricultural Air Quality in Alberta | Sandi Jones, AB Ag & Rural Development |
| 8:45 | Ammonia and PM2.5 Atmospheric Studies | Jeff Collett, Colorado State University |
| 9:45 | Break | |
| 10:00 | Review of Paulot and Jacob Ammonia Paper | Standards Subcommittee |
| 10:30 | Public Input Forum | |
| 11:00 | Subcommittees Reports & Recommendations to AAQTF | AAQTF Subcommittees |
| 12:00 | Final Comments and Summary | Chief Weller, Greg Johnson, AAQTF |
| 12:15 | Meeting Adjournment | |

AAQTF Southwest Idaho Agricultural Air Quality Tour

Tuesday, April 29, 2014

(Open only to AAQTF members and selected USDA and EPA staff)

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| 7:45 | Load bus |
| 8:00 | Leave Hotel |
| 8:15 | National Interagency Fire Center (3833 S. Development Ave., Boise 83705) Tour Leaders: Mike Ferris and Nancy Guerrero |
| 9:45 | Travel to Snake River Birds of Prey National Conservation Area (Dedication Point: 15 miles south of Kuna on Swan Falls Road) |
| 10:15 | Rangeland Condition, Fire, and Air Quality Speaker: Matt Germino (USGS) |
| 11:15 | Travel to Bitner Vineyard (16645 Plum Road, Caldwell 83607) |
| 11:45 | Lunch at Bitner Vineyard |
| 1:00 | Travel to McIntyre Farm (10478 Riverside Road, Caldwell 83607) |
| 1:30 | Cover Crops, Soil Health, and Air Quality at McIntyre Farm Speakers: Brad McIntyre and Marlon Winger, Idaho State Agronomist |
| 2:30 | Travel to M&M Feedlot (31801 Mann Lane, Parma 83660); Overview of Canyon County Agriculture by James Eller, District Conservationist (on bus) |
| 3:15 | Feedlot Air Quality Management at M&M Feedlot Speaker: Kent Mann (owner) |
| 4:15 | Travel to Hotel |
| 5:15 | At Hotel; End of Tour |

AAQTF Southwest Idaho Agricultural Air Quality Tour

Tuesday, April 29, 2014

Tour Stop Descriptions:

1. National Interagency Fire Center:

There will be four stops on the NIFC tour, and the tour group will be split into two groups for circulating through these four stops:

1. National Interagency Coordination Center (NICC) – the “nerve center” of NIFC
2. National Interagency Incident Communications Division – the largest civilian radio cache in the world
3. Remote Automated Weather Stations (RAWS) headquarters – stations throughout the western U.S.
4. Wildland Firefighters Monument – constructed by the Wildland Firefighter Foundation

2. Snake River Birds of Prey National Conservation Area: Rangeland Condition, Fire, and Air Quality

Matt Germino from USGS will give an overview of the condition and environmental trends of semiarid rangelands in the western US, and particularly the inland Northwest. The increase in large burn areas and other climate and invasive species disturbances is causing significant episodes of wind erosion, which are impacting air quality in cities like Boise and Salt Lake City. Discussion will center on what has been learned about wind erosion, specifically following fires. The proximate causes and drivers of erosion and consequences to human health and safety and ecosystems will be addressed. Wind erosion and resulting dust emissions also have important implications for rangeland management and post-fire rehabilitation. There are considerable yet untapped opportunities to develop predictive models for soil stability that can be used in planning land treatments, post-fire responses, and for estimating possible climate change effects on air quality.

3. McIntyre Farms

McIntyre Farms is improving the soil in their fields and reducing airborne pollutants. Incorporating a no-tillage system and cover crops keeps the soil in place and creates a better habitat for soil micro-organisms. At this stop, NRCS agronomist Marlon Winger will demonstrate how tillage can damage soils and make them more susceptible to wind erosion.

4. M&M Feedlot

M&M Feedlots is a replacement heifer operation. They strive to be good neighbors and have implemented practices to reduce odors, flies, and dust generated by the operation. They compost manure on-site, which is used on their farmland and also sold. A created wetland helps filter canal water that passes through the feedlot before going into the nearby Snake River. The M&M Feedlot won the 2011 Region V Environmental Stewardship Award which is awarded jointly by the National Cattlemen's Beef Association and the NRCS.