The Importance of Data: End User Perspective

What can we do about the data?

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WHO ARE THE END-USERS?

- Public
- Monitoring Data
- Decision Maker
- Analyst
- Scientists
WHAT CAN LOCAL DATA BE USED?

- Satisfy Public Demand
- Support Regulatory Decision
- Verify Reduction Efforts
- Satisfy Public Demand
  - Support Regulatory Decision
  - Verify Reduction Efforts
PUBLIC SATISFICATION

- Provide daily various air quality updates for the public
  - Real-time data from monitoring stations
  - Regional Spare the Air website
  - Wildfire smoke
  - Daily burn day information support

- Support academic researches and stakeholder activities
  - CARB’s Central California Air Quality Studies
  - American Lung Association’s State of the Air Report
Placer County Burn Day Information: Burn Days

Burn Day Information for: Wed., April 10, 2019

Burn day information is usually updated daily at 8 a.m. Current burn day information is also available by telephone at the following numbers:

**Auburn area:** 530-889-6868
**Outside Auburn,** toll-free: **1-800-998-BURN (2876)**

You may only burn dry vegetation from the property where it was grown. Previous burn day information is not available. Placer County also has a chipper program which can help reduce large burn piles to small biodegradable chip piles.

**Chipper Program**

<table>
<thead>
<tr>
<th></th>
<th>Residential Allowable Burn Permit Requirements</th>
<th>Daily Burn Day and Burn Hours</th>
<th>Additional Information</th>
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</thead>
<tbody>
<tr>
<td>Western Placer County (West of Cisco Grove)</td>
<td>Burn permits required</td>
<td>Burn Day</td>
<td>Unrestricted Hours</td>
</tr>
<tr>
<td>Granite Bay (Zip Codes 95746 &amp; 95681)</td>
<td>Burn permits required</td>
<td>Burn Day</td>
<td>8 am - 5 pm</td>
</tr>
<tr>
<td>City of Auburn</td>
<td>Burn permits required</td>
<td>Burn Day</td>
<td>8 am - Dark</td>
</tr>
<tr>
<td>Eastern Placer County (East of Cisco Grove)</td>
<td>Burn permits required</td>
<td>Burn Day</td>
<td>Unrestricted Hours</td>
</tr>
<tr>
<td>Eastern Placer County Truckee Fire District</td>
<td>Burn permits required</td>
<td>Burn Day</td>
<td>Daylight Hours</td>
</tr>
<tr>
<td>Lake Tahoe (North Shore Placer County)</td>
<td>Burn permits required</td>
<td>Burn Day</td>
<td>8 am - 6 pm</td>
</tr>
</tbody>
</table>
- Satisfy Public Demand
- **Support Regulatory Decision**
- Verify Reduction efforts
REGULATION SUPPORT

- An asphalt concrete plant expansion project was proposed in Meadow Vista, CA
- Local community CEQA concern regarding PM emissions
- Special study for local community request
- Suspected PM contribution from local wood burning activities
- Satisfy Public Demand
- Support Regulatory Decision
- Verify Reduction Efforts
REDUCTION VERIFICATION

- Union Pacific J.R. Davis Railroad Yard in Roseville, CA
- Local community’s concern regarding diesel emissions from the Yard
- Risk study done by CARB in 2004
- Interagency air monitoring project
- Verifying committed emission reductions from the monitoring data
The air monitoring data collected can have local influence on:

- Public Opinion
- Policy
- Regulations
- Politics
- Economics

*Air Monitoring Data, properly collected and supported can makes the case.*
Make me feel IMPORTANT