

# West Bend Prescribed Burn Pilot Update

## Smoke Management Advisory Committee

July 17, 2024

# West Bend Pilot

- Participating agencies are members of the Pacific Northwest Joint Group on Prescribed Fire and Smoke Management and are unified in their support to increase the pace and scale of prescribed fire while making every effort to ensure that vulnerable populations and communities disproportionately burdened by smoke are protected by pursuing increased public health interventions to meet the community needs.
- Pilot included increased air quality monitoring, increased public communication, and increased smoke forecasting for burns.

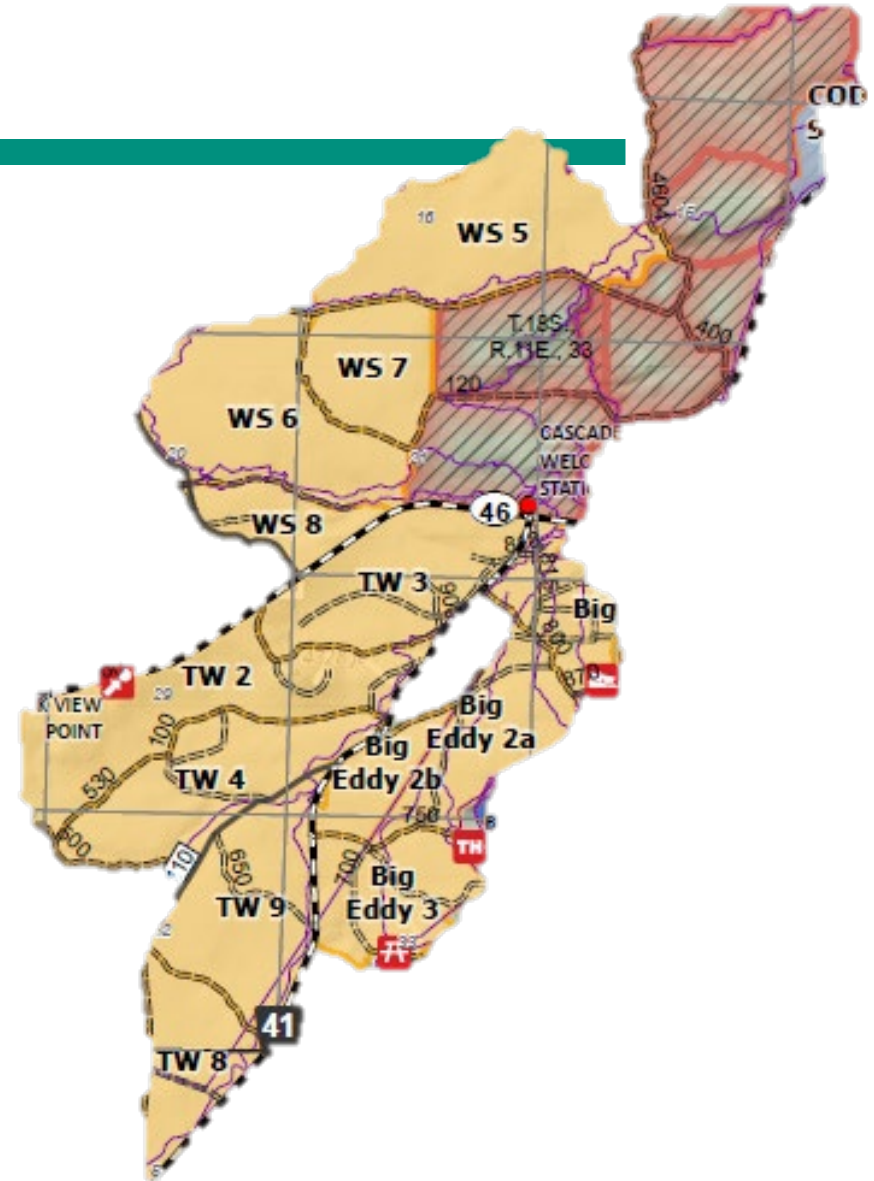


# Burn Units

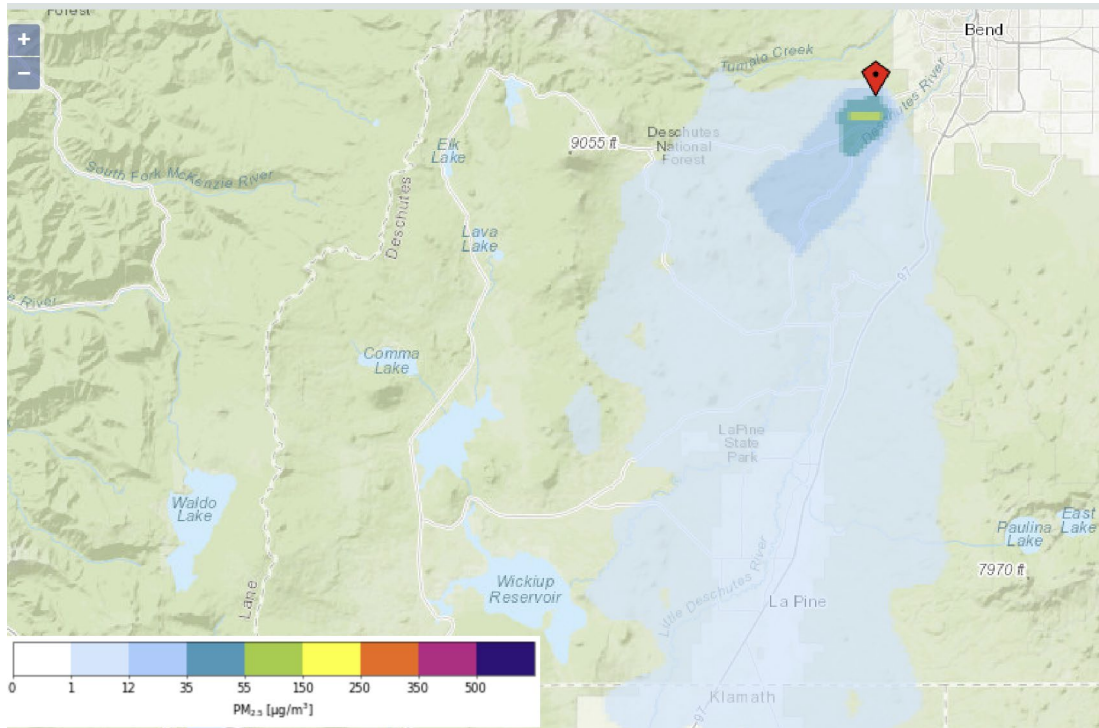
Burns Accomplished in:

- Welcome Station (WS)
- Big Eddy
- Tiddlywinks (TW)

Just over 1,400 acres accomplished during pilot compared to a typical season of around 300 acres.

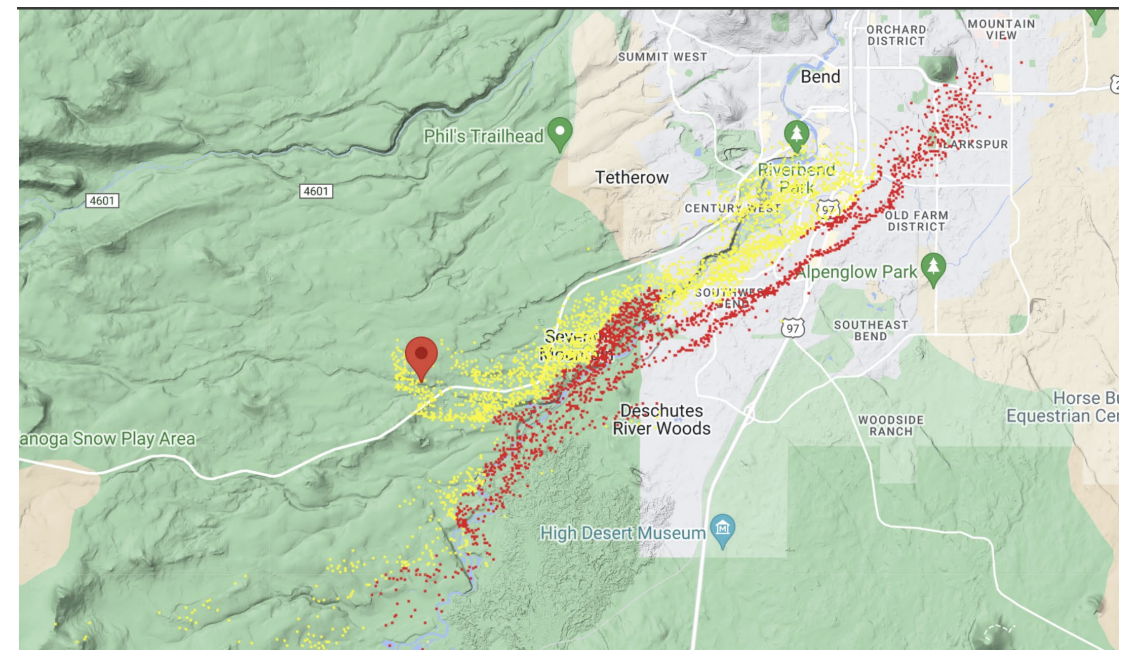


# Smoke Forecasts



BlueSky model prediction – May 14, 2024

PB-Piedmont model prediction – May 15, 2024



# Smoke Observations

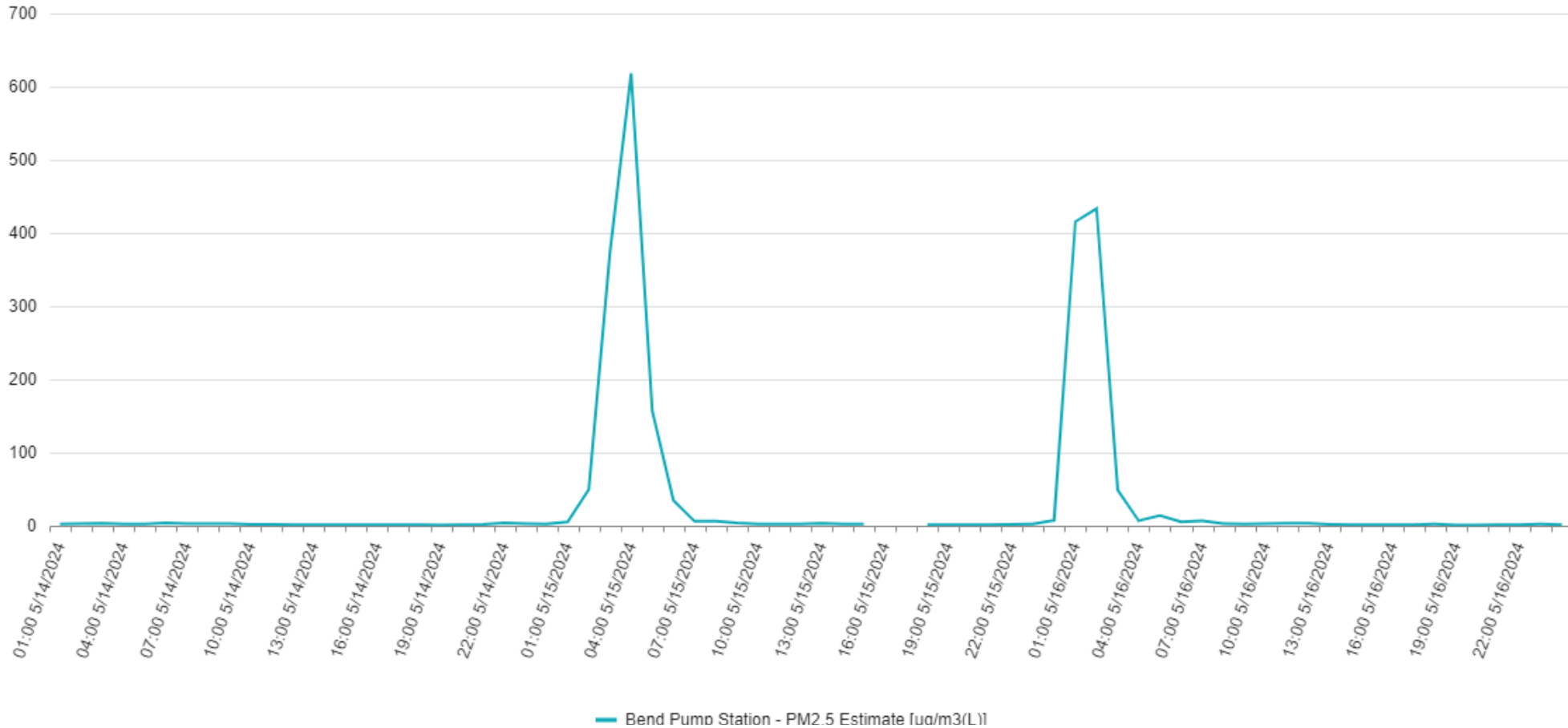


May 15, 2024, prescribed burn in Welcome Station unit. Photo provided by Deschutes National Forest



# Smoke Observations

Station Name: Bend Pump Station, Type: Average, Time Base: Hourly, Period: 5/14/2024 00:01 - 5/17/2024 00:00



# AQ Research/Data Analysis

---

Air quality data to be reviewed includes:

- DEQ monitors
- PurpleAir network
- USFS network
- E::Space labs network
- Pilot indoor AQ monitors
- Satellite data
- Meteorological data

After Action Review is under development and will include lessons learned and research conducted by each group.

# Discussion Questions

Jennifer Horton

Air Quality Planner

[jennifer.horton@deq.oregon.gov](mailto:jennifer.horton@deq.oregon.gov)





# Title VI and alternative formats

---

DEQ does not discriminate on the basis of race, color, national origin, disability, age or sex in administration of its programs or activities.

Visit DEQ's [Civil Rights and Environmental Justice page](#).

[Español](#) | [한국어](#) | [繁體中文](#) | [Русский](#) | [Tiếng Việt](#) | [العربية](#)  
Contact: 800-452-4011 | TTY: 711 | [deqinfo@deq.state.or.us](mailto:deqinfo@deq.state.or.us)