



Director’s Report for January 2023

Meeting Date: February 9, 2023
Department: Director’s Office
www.lrapa.org

Agenda Item No. 9
Staff Contact: Steven A. Dietrich
Contact Telephone: 541-736-1056 x 216

January 2023 AQI charts and stats.

January

Site	Date	Max AQI	Pollutant
Eug/Spfld	31-Jan-23	59	PM
Oak	31-Jan-23	98	PM
CottGrv	31-Jan-23	47	PM

AQI	Eug/Spfld	Oak	CottGrv	Range
Good	28	26	31	0-50
Moderate	3	5	0	51-100
USG	0	0	0	101-150
Unhealthy	0	0	0	151-200
Very Unhealthy	0	0	0	201-300
Hazardous	0	0	0	301-500

Attachment No. 1: Air quality index charts for Eugene/Springfield (January 2023)

Attachment No. 2: Air quality index charts for Oakridge (January 2023)

Attachment No. 3: Air quality index charts for Cottage Grove (January 2023)

COMPLAINTS: 1/01/2023 to 1/31/2023 [TOTAL 70]

Smoke complaints:

- 30 - Outdoor burning
- 7 - Home wood heating

Industry:

- 2 – Pacific Recycling, West Eugene (smoke/odor)
- 1 – Nations Mini Mix, Springfield (odor)
- 12 - International Paper, Springfield (odor)
- 12 – Unknown Industry, Springfield (odor)

Miscellaneous:

- 1– Asbestos demo fallout, West Eugene
- 1 - Vehicle exhaust, South Eugene
- 1- Autobody odors, Cottage Grove
- 1- Unknown odor, West Eugene
- 1- Unknown odor, Downtown Eugene

Agricultural burn - 1

Year	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	*2023
Dust	30	14	25	32	25	26	15	17	26	12	0
Ag Burning	17	4	12	9	1	0	6	2	7	2	1
General Air Quality	26	30	15	20	14	6	12	4	8	1	0
Home Wood Heating	219	121	342	130	197	126	128	74	57	67	7
Industry	122	127	52	58	74	50	170	100	336	198	27
Outdoor Burning	321	279	251	266	281	351	402	423	243	292	30
Slash Burning	5	7	11	26	13	24	16	12	10	6	0
Miscellaneous	52	57	85	164	138	66	67	59	40	102	5
Unknown	14	35	46	56	63	29	39	74	71	45	0
Total	806	674	839	761	806	678	855	765	798	725	70

* Year-To-Date

ENFORCEMENT: 01/01/2023 to 01/31/2023

Category of Violation	New	Follow-Up Action	Pending	Closed	Total
Asbestos	1	-	-	-	1
Industrial	-	-	2	1	3
Outdoor Burning	-	-	1	1	2
Fugitive Dust	-	-	-	-	-
Home Wood Heating	-	-	-	-	-
Totals	1	-	3	2	6

NEW/OPEN ENFORCEMENT ACTIONS STATUS REPORT

01/01/2023 -- 01/31/2023

Report of open and actions initiated since last report

NEW: 01/01/2023 -- 01/31/2023

1. **VENIAMIN TODORIKO (EUGENE) 5039/5041 BARGER DRIVE**
 - A. Violation: 43-015(7) - Failure to obtain an asbestos survey from an accredited asbestos inspector prior to conducting the demolition of a facility.
 - B. Initial Action Taken: NON #3876 issued 01/13/2023
 - C. Subsequent Action: NCP #2022-3876 (\$2,200) issued 01/13/2023
 - D. Resolution: PENDING

ACTIONS PERFORMED (Enforcement actions issued prior to 01/01/2023 with subsequent action in the current reporting period):

1. **CHRISTIANSEN, MICHAEL (CRESWELL) 33830 ORCHARD AVENUE**
 - A. Violation: Failure to attend outdoor burning until extinguished; failure to promptly extinguish illegal outdoor burning; outdoor burning when prohibited; outdoor burning such as to create a nuisance or hazard to public safety; outdoor burning of prohibited materials (clothing, wiring, paper products, garbage)
 - B. Initial Action Taken: NON #3870 issued 09/01/2022
 - C. Subsequent Action: NCP #2022-3870 (\$700) issued 09/16/2022: returned by USPS unclaimed, legal server hand-served 10/16/2022; no response, default order judgment for a lien on the property filed with Lane County 1/11/2023
 - D. Resolution: CASE CLOSED on 01/11/2023
2. **AMERICAN LAMINATORS (SWISSHOME) 12796 HWY 36**
 - A. Violation: Permit Condition 9 - Exceeded 20% opacity as a six-minute block average from wood fired boiler.
 - B. Initial Action Taken: NON #3865 issued 08/26/2022
 - C. Subsequent Action: Submitted approved record-keeping protocols.

D. Resolution: CASE CLOSED 01/23/2023

PENDING (Enforcement actions issued prior to 01/01/2023 with no subsequent action in the current reporting period):

1. **FORREST PAINT COMPANY (EUGENE) 1011 MCKINLEY STREET**

A. Violation: Failure to operate and maintain the air contaminant collection unit, biofilter, in a manner which minimizes air contaminant discharges, and failure to update the biofilter Operation and Maintenance (O&M) Plan once knowledge was acquired of insufficient maintenance and parametric data monitoring was discovered to ensure the biofilter is operated at the highest reasonable efficiency and effectiveness.

B. Initial Action Taken: NON #3860 issued 06/22/2022

C. Subsequent Action: On schedule with submitting status reports biweekly.

D. Resolution: PENDING

2. **PETROCARD INC (GOSHEN) 85947 FRANKLIN BVLD**

A. Violation: The permittee failed to submit in a timely manner performance testing records to LRAPA which demonstrate compliance with vapor testing requirements outlined in permit conditions 5.1.a and 5.1.b. On 2/25/2022 the permittee was notified by LRAPA that they had exceeded the annual throughput threshold of 480,000 gallons of gasoline in 2019 and were therefore subject to the vapor recovery testing requirements outlined in the permit. On 4/8/2022 LRAPA was advised that vapor recovery testing could not be completed since the lines were manifolded and the issue was escalated to construction to isolate the lines. On 7/7/2022 LRAPA called and emailed the permittee requesting an update. On 8/2/2022 LRAPA called and emailed the permittee requesting an update. Permittee responded advising that they were still working to fix the issue. On 10/5/2022 LRAPA emailed the permittee requesting an update. On 10/26/2022 LRAPA called and emailed the permittee requesting an update.

B. Initial Action Taken: NON #3872 issued 11/03/2022

C. Subsequent Action: NCP #2022-3872 (\$3,000) issued 12/08/2022; request for reduction under review

D. Resolution: PENDING

3. **MEYER, TAYLOR (VENETA) 87061 GREENRIDGE DRIVE**

A. Violation: Outdoor burning of any materials which normally emits dense smoke, noxious odors, and hazardous air contaminants and for not promptly extinguishing any burning that is in violation of LRAPA's Title 47-015(e).

- B. Initial Action Taken: NON #3873 issued 11/16/2022
- C. Subsequent Action: NCP #2022-3873 (\$3,496) issued 11/16/2022: returned by USPS; reissue to Legal Server Titanium Legal to serve
- D. Resolution: PENDING

For a perspective of the total number of enforcement actions for calendar year 2023 compared to previous years

Year	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	*2023
Notices of Non-compliance and Warnings	51	36	38	41	39	41	55	15	21	24	1
Notices of Violation with Civil Penalties	23	28	37	37	28	43	37	26	17	24	1

OUTDOOR BURNING LETTER PERMITS: 01/01/2023 to 01/31/2023

There was one Outdoor Burning Letter Permit (OBLP) issued in January.

1. Issued Special Letter Permit 20B23-01-01 on January 31 to Kevin Frey, 60 Daniel Drive, Eugene to burn 100 cubic yards of land clearing debris located at 29314 Dane Lane, Junction City.

ASBESTOS ABATEMENT: 01/01/2023 to 01/31/2023

During January, LRAPA received 43 notices of asbestos removal projects, one of which was a school (Cottage Grove Ace Charter School).

For perspective, here is how the total number of asbestos abatement notices filed, how many were schools and the number of notices inspected for calendar year 2023 compares to previous years:

Year	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	*2023
Total Asbestos Abatement Notices	351	352	426	444	543	428	488	439	408	465	43
School Asbestos Abatement Notices (NESHAP)	24	21	24	27	28	24	16	25	20	16	1
Number of Asbestos Abatements Inspected	96	67	89	82	120	770	94	93	104	115	10

* Year-To-Date.

PERMITTING (TITLE V AND ACDP): 01/01/2023 to 01/31/2023

LRAPA currently permits 14 Title V sources and approximately 275 Air Contaminant Discharge Permit (ACDP) sources. Below are the total numbers of permit activities that are new, renewals, modifications, construction approvals, registration applications, terminated and/or total issued permits the Operations staff currently have in process.

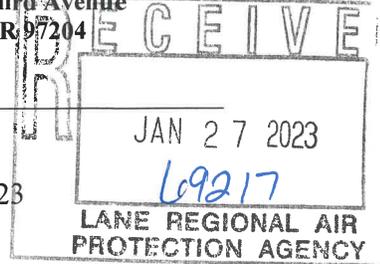
Category of Permit Activity	Title V	ACDP	Registration	Total Active
New	-	5	-	5
Renewals	2	11	-	13
Modifications	-	-	-	-
Constructions	-	1	-	1
Registrations	-	-	-	-
Terminated Permits	-	-	-	-
Total Issued Permits Year-to-date	-0-	3	-	3



Forest
Service

Pacific Northwest Region

1220 SW Third Avenue
Portland, OR 97204



File Code: 2580
Date: January 23, 2023

Joe Pishioneri & Steven Dietrich
LRAPA Board Chair & Director
1010 Main Street
Springfield, Oregon 97477

ROUTE TO: pdf
SAA
Max
LG
TF
FILE _____

Re: Concerns regarding Smoke Impacts to the Oakridge-Westfir Community from the Cedar Creek Fire

Dear Chairman Pishioneri and Director Dietrich:

Thank you for bringing your concerns about the smoke situation which occurred in Oakridge and Westfir during this past wildfire season to our attention. The data you shared helps us understand the magnitude of the issue and one in which we share your concerns. While smoke is an unavoidable aspect of wildfires, we do recognize the potential public health hazard it represents.

It might be helpful for you to know that from the start this fire was managed for full suppression, i.e., all the work was conducted to extinguish or limit wildfire spread. Unfortunately, given the weather, the terrain, and the fuels we were working with, we were not able to contain the fire until after the arrival of significant precipitation in late October. From the first day of detection, high values at risk from this fire were the communities of Oakridge and Westfir, highway 58 corridor and Waldo Lake water quality.

However, there were several actions which were undertaken to help mitigate the impacts of smoke on affected communities during this incident. We deployed Air Resources Advisors (ARAs) continuously from August 18th through October 28th. The ARAs provide smoke forecasts, deployed and maintained temporary smoke monitors, attended public meetings, and further assisted with public messaging. Along with our regional air quality specialists, ARAs participated in the State Wildfire Smoke Coordination calls. During those calls, we provide additional information about the fire, as well as share information about the local smoke situation with all call participants (primarily air quality agency personnel and public health officials). These efforts help mitigate smoke impacts by providing information to the public to make informed choices on how to reduce their exposure. Additionally, our regional air quality specialist participated in daily Fire and Aviation Management calls which help us with situational awareness regarding wildfire smoke.

In addition to the incident-specific response, we also have long-term plans to reduce the threat of wildfire to potentially affected communities. Our forest fuels management plan identifies areas of high probability of receiving fire, highly valued resources and assets which can be negatively or positively affected by fire, and locations where fuel treatments are needed to reduce the negative consequences of fire. We would be glad to share maps of where these areas are located and our plans for treating these areas.



Joe Pishioneri & Steven Dietrich

2

We are also developing new methods to identify early in a wildfire incident whether it will likely cause long-term smoke impacts in specific communities. Such information is then considered in our management actions and public information sharing. These techniques were piloted this year and we will continue to develop and refine them into the future.

We welcome the opportunity to meet with you to discuss the Cedar Creek Fire, how it was managed, how the community of Oakridge was affected, what we could do better, as well as our long-term plans for reducing wildfire risk. Please contact Rick Graw, our regional Air Quality Program manager to schedule a meeting. Rick can be reached at richard.graw@usda.gov, (503) 347-5688.

Sincerely,

JAMES DEMAAGD

Digitally signed by JAMES
DEMAAGD
Date: 2023.01.23 14:17:56 -08'00'

GLENN P. CASAMASSA
Regional Forester

cc: Alex Robertson, Daniel Shively, Duane Bishop, Chris Donaldson, Dave Warnack, Molly Juillerat, Cal Mukomoto, Fariborz Pakeresht, Patrick Allen, Leah Feldon, Andrew Phelps



LRAPA
Lane Regional Air Protection Agency

1010 Main St
Springfield, OR 97477

Phone (541) 736-1056
Fax (541) 726-1205
1-877-285-7272
<http://www.lrapa.org>
E-mail: lrapa@lrapa.org

October 18, 2022

Mr. Glenn Casamassa
Regional Forester USDA Forest Service, PNW Region
1220 SW 3rd Avenue
Portland, Oregon 97204

Re: Concerns over Smoke Impacts to the Oakridge-Westfir Community from the Cedar Creek Fire

Dear Glenn Casamassa:

The Lane Regional Air Protection Agency (LRAPA) Board of Directors (LRAPA Board) and Executive Director are writing to you, as part of the Agency's mission to protect public health. As you may know, LRAPA is the local air authority in Lane County, Oregon which includes the Oakridge-Westfir area. We know wildfires are larger, occur more frequently, and are more difficult to control or even extinguish with limited resources, difficult terrain, and challenging weather conditions. We appreciate the fire response has been large and tireless to date and need these efforts to continue.

For your information, LRAPA's ambient air monitoring network includes particulate PM_{2.5} and air toxics sampling in the City of Oakridge. The following tables outline the severity of the smoke impacts LRAPA's monitors have recorded, since the Cedar Creek fire started having major smoke impacts on the people of Oakridge-Westfir area on September 1, 2022. These monitored levels have, at times, represented some of the worst air quality on the planet.

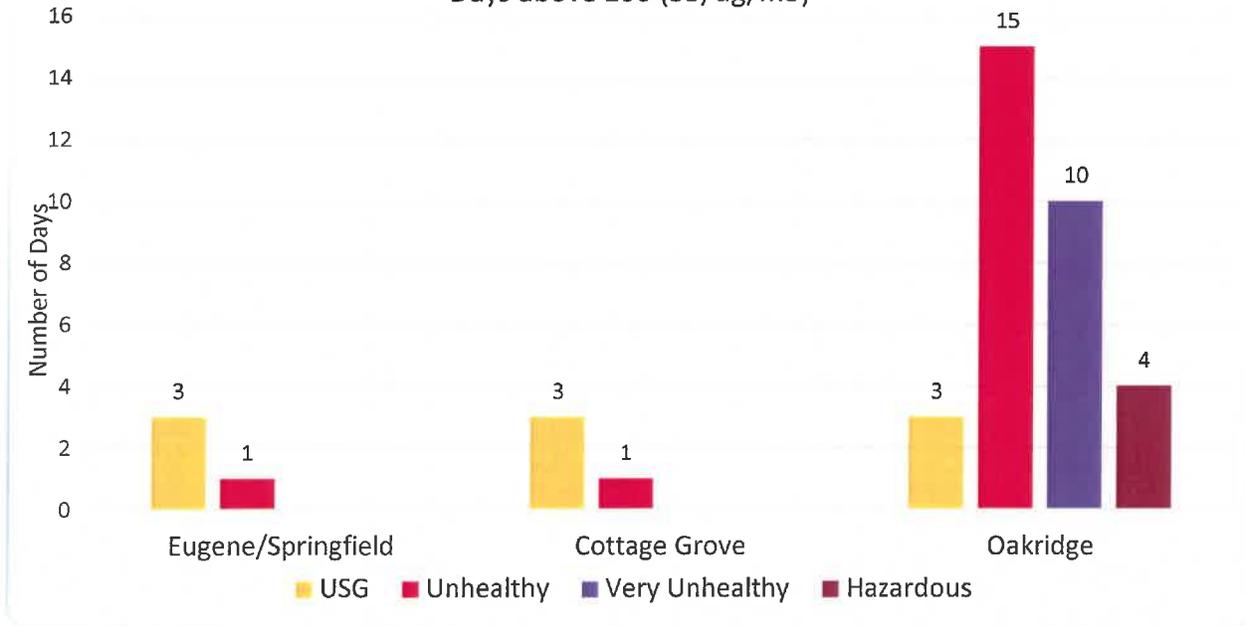
2022 Wildfire AQI (Sep 1 to Oct 16)

	USG	Unhealthy	Very Unhealthy	Hazardous	# of Days	Days Above 100
	101-150	151-200	201-300	301+		
Eugene/Springfield	3	1	0	0	0	4
Cottage Grove	3	1	0	0	0	4
Oakridge	3	15	10	4	0	32

Mr. Glenn Casamassa
October 18, 2022
Page 2

2022 Wildfire AQI Levels, Sep 1 to Oct 16

Days above 100 (35/ug/m3)



The LRAPA Board of Directors want to make sure you are aware of the severity of the measured particulate levels that are continuing to create unhealthy to hazardous health conditions for those living in the Oakridge area. The Oakridge-Westfir community is above the 80th percentile for low income, unemployment, those without a high school education, and population over the age of 64. Oakridge-Westfir residents continue to report significant acute health effects caused by the hazardous air quality and worry about chronic health effects they may experience from this continued exposure. The typical fall precipitation has yet to arrive in Oregon, although there is hope for a weather change later this week to bring rain and begin to counteract the unseasonably dry and warm conditions.

In the meantime, Lane County Public Health, the Oregon Health Authority, and Oregon Department of Human Services has partnered with Oregon Air to provide and distribute over 1,000 free individual air purifiers to people living in the Oakridge-Westfir area. As mentioned before, many of these people are low income and elderly, making relocation for an extended time difficult without some level of support. There is still an unmet need for 500 more units.

We look forward to your continued efforts and welcome any opportunity to meet with you and other federal, state, and local agencies (copied below) to discuss the progress being made and lessons learned. During this fire event, a parallel crisis to saving homes has emerged. It's the prolonged hazardous ambient air event that requires relocation or an adequate shelter-in-place program ready to go when needed. Perhaps it is time for a two-pronged response plan that makes air quality a more active part of incident command. It remains to be seen how this approach will be resourced. Thank you for your service to the public and prompt attention to these important issues. LRAPA can be reached at (541) 736-1056.

Mr. Glenn Casamassa
October 18, 2022
Page 3

Sincerely,



Joe Pishioni
LRAPA Board Chair



Steven A. Dietrich
LRAPA Director

Cc:

David Warnack, Forest Supervisor, USDA Forest Service
Molly Juillerat, District Ranger, USDA Forest Service
Cal Mukumoto, State Forester, Oregon Dept. of Forestry
Fariborz Pakseresht, Agency Director, Oregon Dept. of Human Services
Patrick Allen, Agency Director, Oregon Health Authority
Leah Feldon, Agency Interim Director, Oregon Dept. of Environmental Quality
Andrew Phelps, Agency Director, Oregon Dept. of Emergency Management
Heather Buch, Lane County District 5 Commissioner, Lane County Board of Commissioners
Joseph Goffman, Principal Deputy Assistant Administrator, Office of Air and Radiation, EPA R10
Sean VanGordon, Mayor, City of Springfield
Lucy Vinis, Mayor, City of Eugene
Christine Hollett, Mayor, City of Oakridge
Jeff Gowing, Mayor, Cottage Grove
Pat Farr, Lane County Commissioner Chair, Lane County Board of Commissioners

January 2023 Public Affairs
Monthly Summary

Smoke management from wood stoves, outdoor burning, and Wildfires

Smoke management efforts through January focused on home wood heating curtailment during periods of prolonged air stagnation. Two home wood heating days were called in January in Eugene, Springfield, and Oakridge. Air quality in these areas avoided reaching poor levels that would have required red home wood heating days.

Long range weather outlooks suggest more air stagnation periods are possible through February and early March. Additional yellow or red days may be called if warranted by weather conditions.

Home wood heating season runs through May 31. LRAPA continues to publish daily Home Wood Heating advisories for Eugene/Springfield and Oakridge. During the season LRAPA prioritizes staff time to assess potential air stagnation episodes and the need for Yellow/Red advisory days during those episodes.

Public outreach efforts

LRAPA’s executive director attended a City of Springfield city council work session in early January. This presentation provided an overview of LRAPA’s role implementing the federal and state air regulations in Lane County and highlighted the service and work the Agency accomplished through the county.

LRAPA’s 2022 annual report was published on January 30, 2023. This publication highlights work, and accomplishments achieve throughout the year. New with the 2022 year, an online version of the report presented in an [ArcGis StoryMap](#). The intent of producing this online version of the report is to encourage more Lane County residents to see, interact with, and read the report. This report can be easily found and accessed from LRAPA’s Community Center webpage.

Public Meetings, Hearings, and Events

Public affairs were present or participated in the following events:

- Springfield City Council Work Session – Tuesday January 3, 2023 | 6:00 pm – 7:00 pm

Media Contacts

DATE	MEDIA	REPORTER	TOPIC
01/19/2023	High school project	Kaeden Tolliver	LRAPA & Air Quality 101
01/25/2023	KVAL	Julie Smith	Yellow HWH days

Press Releases

1/24/2023	Air stagnation in Lane County prompts YELLOW home wood heating days for Eugene, Springfield, and Oakridge
------------------	---

UPCOMING LRAPA BOARD AGENDA ITEMS

This schedule outline is a preview of upcoming agenda items, and we will update it as the time frames for additional issues become firmer.

January 2023:

- ~~Executive Session.~~
- ~~Partners Fees – FY 2024.~~
- ~~Preview upcoming appointments on board and committees.~~
- ~~Status report on Oakridge Air Project.~~
- ~~Work Session~~

February 2023:

- Nominations/Appoint Board Chair and Vice Chair.
- Nominations/Appoint new Budget Committee Members and Budget Officer.
- Review multi-year budget forecast for FY2023-2027.

March 2023:

- First Budget meeting.

April 2023:

- Second Budget meeting.

May 2023:

- Final Budget meeting.
- Dashboard Report.
- Status report on Oakridge Air Project.
- Discuss process for Director's Performance Review.

June 2023:

- Director's Performance Review (Executive Session).

July 2023:

- Audit Report.

August 2023 – No Meeting

September 2023:

- Status report on Oakridge Air Project.
- Dashboard Report.

October 2023:

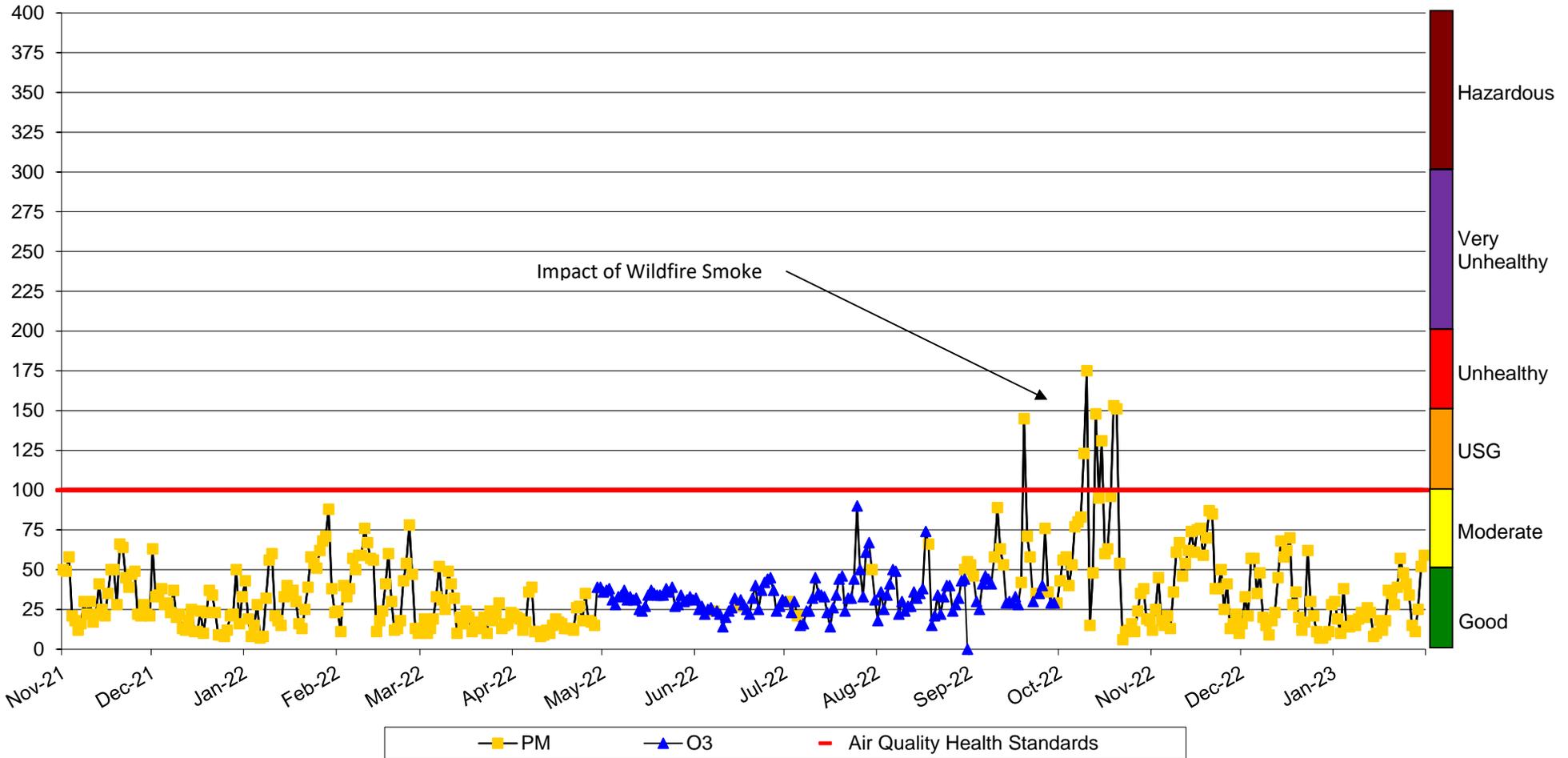
- Discussion local dues request IGA partners for FY25.

November 2023:

- Approve local dues request IGA partners for FY25.

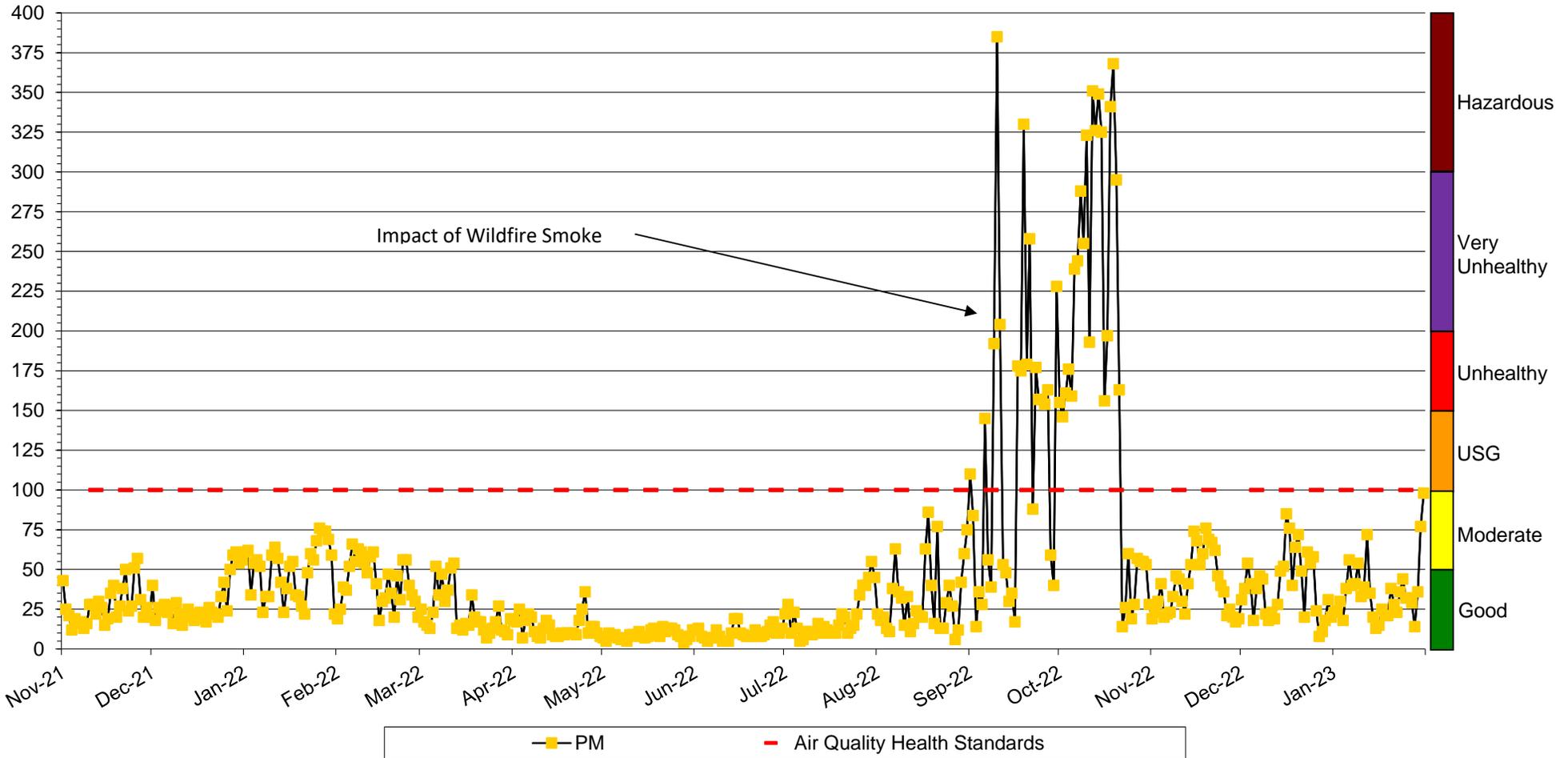
Air Quality Index Chart - Eugene/Springfield

This 15-month chart demonstrates the seasonality of the pollutants.



Air Quality Index Chart - Oakridge

This 15-month chart demonstrates the seasonality of the pollutants.



Air Quality Index Chart - Cottage Grove

This 15-month chart demonstrates the seasonality of the pollutants.

