

#### OLYMPIC REGION CLEAN AIR AGENCY 2940 LIMITED LANE NW OLYMPIA WA 98502

#### AGENDA of April 12, 2023 \* 10:00 a.m. Regular Meeting of the Board of Directors

ORCAA's meeting are held at the above address, however they will also be available virtually via the information below.

If you would like to participate in the meeting via Zoom video conference, visit <u>https://us02web.zoom.us/j/88654004897?pwd=NkIndCtIUEtPY25UTIFWbG96eXEyQT09</u> join with Meeting ID: 886 5400 4897 and Passcode: N5MiRD

If you would like to participate in the meeting via Zoom audio only, call 1-253-215-8782 and join with

#### Be courteous – mute your mic if not speaking

#### CALL TO ORDER

#### APPROVAL OF AGENDA (action item)

(Ask for any corrections, additions/omissions)

#### CHAIR REPORT

1. Finance Committee Report

PUBLIC COMMENT - Comments limited to three minutes per commenter

#### **CONSENT AGENDA** (action item)

- 1. <u>Minutes of the Regular meeting, March 8, 2023</u>
- 2. Expenditures and Disbursements March 3, 2023 April 6, 2023
- 3. Approval of Executive Director's updated contract through January, 2025

#### **NEW BUSINESS**

- 1. <u>Compensation Connections Market Study</u>
- 2. <u>Resolution 281 Air Quality Awareness Week</u> (action item)
- 3. Executive Director's draft 2023-25 Performance Measures

#### DIRECTOR'S REPORT

- 1. <u>Compliance Manager Update</u> Mike Shults
- 2. Engineering Manager Update Mark Goodin
- 3. Senior Air Monitoring Specialist Update Odelle Hadley, Ph.D.
- 4. Communications Manager Update Dan Nelson
- 5. Financial Services Manager Update Lynn Harding
- 6. Executive Director Update Jeff Johnston, Ph.D.

#### GOOD OF THE ORDER

#### **EXECUTIVE SESSION**

The Board will now meet in executive session for \_\_\_\_\_ minutes to discuss the \_\_\_\_\_\_ as allowed by **RCW 42.30.XXX.** The Board will be in executive session until \_\_\_\_\_\_ am/pm at which time the regular session will reconvene. The Board <u>is/is not</u> expected to take further action following the executive session.

#### ADJOURNMENT

NEXT MEETING - May 10, 2023, 10:00 a.m.

#### Olympic Region Clean Air Agency

Comparative Summary of Agency Budget, Revenues, & Expenditures FY2023 - For the Period Ending March 2023

	1 1 2023 -	For the reno	u En	lung March 2025				FY2022
Revenue		al Year 2022	ł	Fiscal Year 2023	2022-March 2023	D.66	<u>9-mos</u>	
Fees/Grants/Assessments/Penalties/Other		ACTUAL		BUDGET	YTD ACTUAL	Difference	_	Budget
AOP (Title V)	\$	603,614	\$	686,752	\$ 662,745	\$ (24,007)	97%	95%
NOC - Major/Minor		140,433		163,060	 55,842	 (107,218)	34%	83%
NOI - Major/Minor		2,912		1,022	3,131	2,109	306%	146%
Annual Registration		375,302		384,000	 390,313	6,313	102%	97%
Assessments		464,353		498,697	 498,697	-	100%	96%
Ecology Oversight		12,948		15,000	13,162	(1,838)	88%	86%
Asbestos		138,637		132,860	 107,190	(25,670)	81%	80%
Land Clearing		36,659		26,300	29,997	3,697	114%	128%
Woodstove Education Grant		10,682		10,682	 7,183	(3,499)	67%	69%
Woodsmoke Reduction Grant		58,019		170,000	114,242	(55,758)	67%	22%
Ecology Monitoring (PM2.5)		13,500		13,500	 13,119	(381)	97%	100%
EPA - Cheeka Peak Grant		76,748		86,077	81,916	(4,161)	95%	67%
ARP Grant with EPA		-		131,500	 0	 (131,500)	0%	0%
CORE-Federal		198,556		188,399	140,837	(47,562)	75%	77%
CORE-State		139,985		136,427	 101,986	(34,441)	75%	74%
EFSEC		26,019		38,385	23,466	(14,919)	61%	36%
Penalties (NOV)		217,550		75,000	 163,877	88,877	219%	349%
Investment Income		13,146		10,000	18,561	8,561	186%	59%
Miscellaneous Revenue		1,882		1,000	 1,710	710	171%	218%
Building/Rental Income		59,794		59,592	 39,792	 (19,800)	67%	76%
Total Revenue before Contingency Draw(s)	\$	2,590,738	\$	2,828,253	\$ 2,467,766	\$ (360,487)	87%	83%
Appropriation from Contingency Fund(s)								
General Fund Contingency Draw	\$	-	\$	274,915	TBD	\$ -		

**Total Revenue & Contingency** 

Leasehold Improvements

ECY Oversight Fees

Monitor. Equip./CPO

ARP Grant with EPA

**Total Expenditures** 

Notes:

Net Surplus (Deficit)

Monitoring-General / PM2.5

Security Deposit Refunds

Total Bldg. Oper./Maintenance

WoodSmoke Reduction/Bounty

Program Operations

Total Program Operations (Non-Admin)

Breakdown of Net Surplus (Deficit):

Net Surplus (Deficit) to General Fund FY2022

Net Surplus (Deficit) to General Fund FY2023

Net Surplus Title V Contingency/ Payback

Net Surplus Title V Contingency/ Payback

Expenditures		cal Year 2022 ACTUAL	ŀ	Fiscal Year 2023 BUDGET	Ju	ly 2022-March 2023 YTD ACTUAL	Difference		<u>= 75%</u> Budget
Payroll								FY2023	FY2022
Salaries	\$	1,612,198	\$	1,695,305	\$	1,240,308	\$ 454,997	73%	76%
Employee Benefits, Payroll Taxes		499,282		566,475		396,060	170,415	70%	70%
Total Payroll	\$	2,111,480	\$	2,261,780	\$	1,636,368	\$ 625,412	72%	75%

3,103,168 \$

2,590,738 \$

S

Non-Payroll				
Office Supplies/Sm Equip.	\$ 8,448	\$ 8,300	\$ 6,885	\$
Gasoline Vehicles	4,391	6,000	3,917	
Computer Hard/Soft.	 23,204	 36,585	 13,954	
Bd. Prof. Ser. & Travel Reimb.	0	1,200	-	
Training & Conferences	 5,675	 17,390	 12,669	
Professional Srs.	49,296	67,500	35,336	
Telephone	 12,480	 15,500	 9,484	
Postage	4,833	5,000	4,342	
Insurance (Bldg, Veh, Staff)	35,872	38,000	39,264	
Wellness Program	437	450	338	
Public Education	8,816	36,560	43,643	
Miscellaneous	301	550	170	
Dues & Subscriptions	 3.842	 4.300	 2.970	
Audit/Acctg	6,599	16,000	16,716	
Rent-Satellite Office	 800	 	 0	
Maintenance - Copier	10,947	2,400	1,521	
Vehicle Purchase	 0	 26,000	 0	
Maintenance - Vehicles	2,333	3,950	2,964	
Total Non-P/R	\$ 178,274	\$ 285,685	\$ 194,173	\$
Building Operations/Maintenance				
Principal/Interest - Office Bldg	\$ 330	\$ 44,000	\$ 43,964	\$
Alarm Monitoring/Security	2,234	2,500	1,598	
Utilities	 15,804	 16,500	 11,735	
Janitorial & Supplies	11,643	13,568	8,869	
Maintenance - Office Bldg.	 9,220	 18,200	 25,718	

0

41,550 \$

0

12,948

26,960

2,192

83,954

2,412,940

177,797

142,477

35,320

FY 2022

305

\$

\$

\$

\$

39,232 \$ 27,000

121,768 S

138,000

15,000

34,500

131,500

5,490

0

S

\$

FY 2023

324,490 \$

2,993,723

109,445

109,445

\$

Expenditures
\$ 1,636,368
oll-Admin 194,173
nt. 91,884
Operations 130,806
\$ 2,053,231
•

VTD

97%			
96%			YTD
86%			FY2023
80%			Revenue
128%	51%	Fees	\$ 1,262,380
69%	20%	Grants*	482,749
22%	20%	Assessments	498,697
100%	7%	Penalties	163,877
67%	2%	Other	60,063
0%	0%	Contingency	 0
77%	100%		\$ 2,467,766
74%			
36%	*	Grants-Fed	\$ 235,872
349%	*	Grants-State	\$ 246,877

**Comparison** 

(360,487)

1,415

2,083

22,631

1,200

4,721

32,164

6,016

658

112

(1,264)

(7,083)

380

1,330

(716)

879

986

36 100%

902

4,765

4,699

(7,518)

27,000

29,884

50,100

1,838

10,541

1,406

(1,701)

193,684

940,492

131,500

0

91,884 \$

87,900 \$

0

\$

13,162

23,959

4,084

1,701

130,806 \$

2,053,231

TBD

414,535

26,000

91,512

83%

65%

38%

0%

73%

52%

61%

87%

103%

75%

119%

31%

69%

104%

0%

63%

0%

75%

68%

64%

71%

65%

141%

0%

75%

64%

88%

69%

0%

74%

n/a

40%

69%

75%

72%

60%

61%

33%

63%

0%

66%

63%

0%

96%

77%

62%

64%

0%

14%

15%

86%

48%

0%

20%

n/a

8%

69%

2,467,766 \$

1) Expenses exceeding 10% of a budget category (each sub-category: P/R, Non-P/R, Bldg, Operating) requires board approval.

\$

\$

\$

\$ \$

\$

\$

#### **OLYMPIC REGION CLEAN AIR AGENCY**

*FUND BALANCE - Actual - Fiscal Year 2023* For The Period Ending March 2023

					1
				General Fund	
	BEGINNING Fund Balance 07/01/2022		\$	2,026,489	
	<u><b>Plus</b></u> : Revenue Fiscal Year		\$	2,467,766	
	Less: Expenditures Fiscal Year		\$	(2,053,231)	
	ENDING Fund Balance		\$	2,441,024	
	General Fund Contingency Draw applied to FY Budget		s	_	TBD
	Title V Funds applied to FY Budget		\$	-	TBD
*SAO	Fund Balance ALLOCATIONS-				
Classifications:	Contingency Funds & Capital Funds	Acctg Chart of Accts #			
Committed	Less: Expense Contingency (20% FY Budget less Title V)	<u>1021</u>	\$	368,929	
Restricted	Less: Title V	1025		See Below	Contingency & Capital
Assigned	Less: Tenants Security Deposits	1040	\$	4,350	Funds
Committed	Less for Office Building	1022	\$	120,000	\$ 864,732
Committed	Less for Monitoring Equipment	<u>1023</u>	\$	20,000	
Committed	Less for Database / Equipment	1024	\$	215,000	
Unassigned	Less for Vacation/Sick Leave/Comp	1027	\$	136,453	
Unassigned	<u>Contingency Fund</u> Title V Contingency (due General Fund)	(Actual)	\$	(109,020)	
Unassigned	Ending UNRESTRICTED Fund Balance	(incl. Title V deficit)	\$	1,576,292	
				3/31/2023	
	ODCAALL				
	ORCAA Long Term Liabilities -Office Building, Promissory Note to Thurston County Interest rate 0.703%, Final Payment 12/1/2022	Liability		\$0	=^,^=
	"Operating Contingency Funds" defined	An amount establi	shed	by board direction.	
	"Capital Funds " defined	An amount establi expenditures (bldg,		•	save for specific long-term capital
	"Fund Balance" defined				Thurston County Treasurer's Office. and is referred to as the "General Fund

#### \*The total Fund Balance includes all funds on deposit.

 4/4/2023
 A Resolution must be approved by the Board of Directors to appropriate expenditures in Contingency Funds (except for 1025-Title V and 1040 Security Deposits).

 \*06/30/2020 SAO established five new categories for reporting cash and investments

OLYMPIC REGION CLEAN AIR AGENCY 2940 Limited Lane NW Olympia, Washington 98502

#### **BOARD OF DIRECTORS MEETING – Hybrid via Zoom**

March 8, 2023

A video recording of this meeting is available on the ORCAA YouTube channel at: <u>https://www.youtube.com/@ORCAADan/videos</u>

Members present: Jim Cooper, City of Olympia (Chair) (via Zoom) Greg Brotherton, Jefferson County (Vice Chair) (via Zoom) Joan Cathey, City of Tumwater (via Zoom) Jill Warne, Grays Harbor County (via Zoom) Randy Neatherlin, Mason County (via Zoom) Carolina Mejia, Thurston County (via Zoom) Robin Vazquez, City of Lacey (via Zoom) Dave Tobin, Pacific County (via Zoom) Mike French, Clallam County (via Zoom)

Members absent:

- Legal Counsel: Jeff Myers, Mike Throgmorton, and Matthew Sonneby of Law, Lyman, Daniel, Kamerrer and Bogdanovich (via Zoom)
- Staff Present: Jeff Johnston, Ph.D., Executive Director; Mike Shults, Compliance Supervisor; Mark Goodin, Engineering Manager; Odelle Hadley, Ph.D., Senior Monitoring Specialist; Dan Nelson, Communications Manager; Lynn Harding, Financial Services Manager; Robert Wyland, Air Quality Specialist; Tiffany Flores, Records Clerk (all via Zoom)

Cooper called the meeting to order at 10:01 a.m. and asked for a roll call of members and staff.

Cooper noted he will need to leave by 11:00 a.m. and if we are still in session, Brotherton will take over the meeting. Cooper asked for approval of the agenda. Brotherton moved approval, the motion was seconded and carried unanimously.

#### CHAIR REPORT

#### Finance Committee Update

Brotherton explained the Finance and Personnel committees met to go over the market salary study. The committee did make some recommendations to staff to bring back for review so the committee can make a recommendation to the full Board at a later date.

#### PUBLIC COMMENT

There were no general public comments.

#### CONSENT AGENDA

Cooper asked approval of the Consent Agenda. Vazquez moved approval of the Consent Agenda.

The motion was seconded and carried unanimously.

#### EXECUTIVE SESSION (per RCW 42.30.110)

#### Executive Director Performance Evaluation

Cooper noted the Board will convene into Executive Session for 30 minutes, to discuss the Executive Director's performance evaluation and contract as allowed by RCW 42.30.110(1)(g). The Board will be in Executive Session until 10:36 a.m. at which time the regular session will reconvene. The Board is expected to take action following the Executive Session. 10:07 a.m. those present, not attending the Executive Session, were moved to the waiting room.

10:36 a.m. the Board reconvened. There was no action coming out of the Executive Session.

#### NEW BUSINESS

#### Review of 2023 ORCAA Board Workplan

Johnston explained he and Cooper had discussed changing the "Workplan" to an "Agenda Planner", or something similar. The sheet is to show what we are considering for future agendas. Johnston reminded the Board if they want to have specific items added to this, to let staff know. If at any time the Board needs to have a more in-depth conversation on particular topics, also, let staff know. Johnston briefly went over the current plan.

Johnston stated this meeting is all virtual, even here at the office. The past few months we have had a few Board members in the conference room, and we are happy to host, and our office is always open to the public. Johnston explained he and Cooper had discussed having default meetings be virtual with 1-2 meetings per year in person. Johnston did add it is best to give D. Moody or himself a heads-up if you want to attend in person. Cooper added he would like to have people at the office for the June meeting as we will be dealing with the budget. Cooper suggested a lunch with the tenants, staff, and Board to celebrate paying off the building. (Cooper excused himself at 10:49 a.m. and Brotherton continued the meeting)

#### DIRECTORS REPORT

#### Compliance Manager Update

Shults noted inspections have picked up from the previous months. Demolition and asbestos notifications have picked up as well. March is the month our compliance staff complete certifications which include the HAZWOPER (hazard waste material training) and Opacity Certification ("Smoke School").

Brotherton asked Shults to explain the difference between a Full Compliance Inspection and an investigation. Shults explained Full Compliance is our typical 'annual' inspection. If we find issues during the inspection, a follow-up would be an investigation. Also, complaint driven inspections would start with an investigation, allowing us to track any enforcement. Brotherton asked if there is a machine or app for your phone to do the opacity reading. Shults stated no, not currently. There is an automated tool available, but it has issues. Shults explained there is a machine that emits smoke and we have been trained to 'read' the opacity. We get certified twice a year on both black and white smoke.

French asked if there is any update on the McKinley issue with regards to mercury. Shults stated they have installed a temporary unit to control the mercury. They will be putting in a permanent piece of equipment in the near future. We are still working with them on their violation assessment. Shults added McKinley has an upcoming test he will be attending, and we'll have more information at that time.

#### Engineering Manager Update

Goodin noted we have had a lull in permit applications coming in the door. In regard to McKinley, Goodin stated, they have submitted an application and part of the compliance effort includes approving the Powder Activated Carbon (PAC) system they've proposed. Goodin noted we are still in the active stage of reviewing this application.

Goodin added the engineering team has updated information for the cannabis industry and worked with Nelson to put together a focus sheet which is available on our website.

#### Senior Air Monitoring Specialist Update

Hadley's slides showed most of February with good air quality, with one moderate in Port Angeles and two in Shelton. Hadley pointed out there is missing data for Cheeka Peak, Lacey, and Port Angeles, and there is no data for Raymond. Raymond has equipment issues, and we were unable to hook up new parts to the existing equipment. We plan on upgrading the entire site. The pump at Cheeka Peak became disconnected and weather was a factor in getting up there for repairs. We had to swap out an analyzer at the Port Angeles site.

The Grays Harbor Saturation Study continues. Hadley noted we have 12 sites for Grays Harbor, as opposed to 4 for previous county studies. Crowd sourcing, with the available PurpleAir Monitors, has added a lot to our study.

Hadley stated she has begun working with Shelter One on the design for the new trailer at Cheeka Peak and the RFP for cleaning up the site at Cheeka Peak was released at the end of February.

Hadley is putting together an Ozone 101 presentation for the Board and noted if there is anything specific any members would like to see presented at future meetings, let her know.

#### Communications Manager Update

Nelson stated he has included several links to our new website in the chat section. We have had a few issues since launch, but overall, it has been well received.

Nelson explained he attended the Jefferson County Home Show in Port Townsend and there was about 700 people in attendance. He will be in Port Angeles mid-month and then Lacey in April for home shows. We will also attend a wildfire event, hosted by DNR in Mason County in early April.

There are local agencies' communications staff considering a content, material, and information exchange service. We are hoping to share cost to maintain a cloud-based service to share social media, videos, etc., hoping to keep cost down and increase social media presence with consistent messaging. Also in the works, National Air Quality Awareness week falls on the first week of May. EPA heads that up with a new topic each day; we will be participating and sharing the information with city and county social media staff.

Nelson noted the updated regulations regarding outdoor burning came into effect on March 6.

#### Financial Services Manager Update

Harding reminded the members we will have a Finance Committee meeting in April and possibly May, prior to the Board meetings. We will be going over the Fiscal Year 2024 budget and the third quarter report for Fiscal Year 2023.

Harding stated the SAO reports for our audit have been published and can be viewed on their webpage. Harding noted we are currently working on many contracts (Ecology, EFSEC, etc.) in preparation for the coming years. Also, Harding continued, we have been awarded the 2% reduction on our health premiums through AWC's eWell-City. Our Wellness Committee has been working with staff to help with overall health improvements and offerings.

#### Executive Director Update

Johnston, following up on Nelson's mention of the recreational burn rule, noted we have posted information on our website related to the change in the rule, as well as, general information for outdoor burning. He also noted an email was sent to the 21 individuals who had submitted comments.

For those that have been following the legislative session, today is the last day to pass bills out of the house of origin. Johnston explained he has been following Substitute House Bill 1554 which is for reducing public health and environmental impacts from lead. Lead was removed from most gasolines decades ago but has remained in aviation fuel. We had some concerns as they wanted local airs to review the reports; however, after speaking to Representative Doglio we are now less concerned.

Johnston briefly mentioned there are some grants that could make their way to ORCAA and others in our communities. One Clean Air Act grant has a national total of \$25 million and Washington is due to receive \$746,000. Ecology will receive the funds and they are working on distribution. We will do our part to get our share of this funding. There is also a Climate Pollution Reduction Grant program that launched March 1. Washington is eligible for \$3 million in funding support for efforts related to reducing GHG emissions. Johnston explained he is aware of several efforts in local governments and is doing what he can to encourage them to apply for funding. Johnston asked if any members knew of any efforts in their area to let him know and he will make Ecology aware.

At a recent air directors' meeting, Johnston stated, Ecology provided an update on the work to identify overburdened communities (exposure to criteria air pollutants). There has been an extensive outreach effort and the next step is to place monitors in the 16 identified communities around the state. Note that none of the communities are located in ORCAA's counties. Johnston shared a link from Ecology.

Brotherton asked if there are any partnerships for community wildfire protection programs. Johnston stated he wasn't sure but noted he could look into it. Brotherton also noted as the carbon market matures, this would be a great place to learn about the voluntary or regulatory markets.

#### GOOD OF THE ORDER

There was nothing for the Good of the Order.

#### ADJOURNMENT

Brotherton adjourned the meeting at 11:42 p.m.

#### CERTIFICATION

I hereby certify this is a true and correct copy of the minutes of the meeting of the ORCAA Board of Directors held on March 8, 2023, in Olympia, Washington.

ATTEST:

Jeff C. Johnston, Ph.D., Executive Director Olympic Region Clean Air Agency Jim Cooper, Chair ORCAA Board of Directors

DATED: \_\_\_\_\_

#### OLYMPIC REGION CLEAN AIR AGENCY 2940 Limited Lane NW, Olympia WA 98502-6503 Board Approval of Expenditures, Disbursements, and Wire Transfers SUBMITTED FOR THE PERIOD March 3, 2023 through April 6, 2023

Fund:	Warrant #'s:	Scheduled Payment Date:	Iss	ue Amount
6471	63009170 - 63009179	March 7	\$	8,009.23
	63009180 - 63009186	March 8	\$	10,400.00
	63009187 - 63009198	March 10	\$	16,024.95
	63009199	March 29	\$	500.00
	63009200 - 63009211	March 30	\$	7,636.98
	63009212 - 63009216	March 31	\$	6,300.00
	628338 - 628355	March - Payroll	\$	142,710.41
	EFT Notifications	March - Benefits	\$	45,220.34
		Total Expenditures This Period:	\$	236,801.91

Included with Consent Agenda for Monthly Board of Directors Meeting.

#### OLYMPIC REGION CLEAN AIR AGENCY 2940 Limited Lane NW, Olympia WA 98502-6503 Check Register of Expenditures, Disbursements, and Wire Transfers March 3, 2023 through April 6, 2023

Amou	Cash Account	Payee	Date	Check #
\$ 1,140.0	10200	Cabbros Cleaning Services, LLC	3/7/23	63009170
75.0	10200	Clallam County Sheriff's Office	3/7/23	63009171
1,202.3	10200	Stanley Convergent Sec. Solutions, Inc.	3/7/23	63009172
1,300.6	10200	Footeprints, Inc.	3/7/23	53009173
20.7	10200	Mountain Mist Water	3/7/23	53009174
20.7	10200		3/7/23	53009175
		Gina Nguyen		
488.1	10200	North Pacific Electric, Inc.	3/7/23	53009176
504.6	10200	ODP Business Solutions, LLC	3/7/23	53009177
2,570.0	10200	The Rhizome Collaborative	3/7/23	53009178
416.6	10200	Verizon Wireless, Bellevue	3/7/23	63009179
500.0	10200	Kenneth Buckner	3/8/23	63009180
1,000.0	10200	C&C Clean Sweep	3/8/23	53009181
500.0	10200	Brian O'Connor	3/8/23	53009182
500.0	10200	Olympia Fireplace Supply Inc.	3/8/23	53009183
3,800.0	10200	Sunset Air Incorporated	3/8/23	53009184
		*		
3,600.0	10200	Sunset Air Incorporated	3/8/23	53009185
500.0	10200	Wilhelmus Wagenmans	3/8/23	53009186
100.0	10200	Cabbros Cleaning Services, LLC	3/10/23	53009187
405.0	10200	CADRE Inc.	3/10/23	53009188
177.3	10200	Capital Business Machines, Inc.	3/10/23	53009189
1,260.0	10200	Compensation Connections LLC	3/10/23	53009190
1,397.7	10200	Department of Ecology	3/10/23	53009191
95.6	10200	Fed Ex	3/10/23	53009192
26.0	10200	Odelle Hadley	3/10/23	53009193
3,228.7	10200	Law, Lyman, Daniel,	3/10/23	53009194
23.2	10200	Linde Gas & Equipment, Inc.	3/10/23	53009195
89.8	10200	Pacific Disposal	3/10/23	53009196
1,210.3	10200	Puget Sound Energy	3/10/23	53009197
8,011.1	10200	U.S. Bank	3/10/23	53009198
500.0	10200	Lisa McIlwain	3/29/23	53009199
1,609.6	10200	2BTechnologies	3/30/23	53009200
1,192.4	10200	Air Handlers Inc.	3/30/23	53009201
315.4	10200	Comcast Cable Com., Inc.	3/30/23	53009202
1,311.3	10200	Footeprints, Inc.	3/30/23	53009203
71.0	10200	Mountain Mist Water Dan Nelson	3/30/23	53009204
138.0 231.0	10200 10200	PUD #1 of Clallam County	3/30/23 3/30/23	53009205 53009206
2,562.0	10200	Washington State Auditor's Office	3/30/23	53009200
2,302.0	10200	Sound Publishing Inc.	3/30/23	53009208
86.4	10200	Sunrise Pest Management, Inc.	3/30/23	53009209
21.9	10200	Tags Awards & Specialties	3/30/23	53009210
72.4	10200	Verizon Wireless, Bellevue	3/30/23	53009211
500.0	10200	Robin Campos	3/31/23	53009212
1,500.0	10200	Capital City Stove	3/31/23	53009213
1,000.0	10200	C&C Clean Sweep	3/31/23	53009214
500.0	10200	Sandi Shaw	3/31/23	53009215
2,800.0	10200	Sunset Air Incorporated	3/31/23	53009216
187,930.7	10200	Salaries & Benefits	3/31/23	628338-628355

### Olympic Region Clean Air Agency Employment Contract for Executive Director

This Employment Contract (hereinafter "Contract") is entered into between the Olympia Region Clean Air Agency (hereinafter "ORCAA") and Jeffrey C. Johnston (hereinafter "Director") and collectively referred to as the "parties."

WHEREAS, ORCAA is a political subdivision of the State of Washington created under 70A.15 RCW, whose governing body is its Board of Directors (hereinafter "Board"), and

WHEREAS, the parties desire to enter into a written employment contract to establish and clarify the terms and conditions of this employment,

THEREFORE, in consideration of the employment relationship between the parties, the parties agree as follows:

- Duties. Director will perform the duties of Executive Director as they may be determined to be by the ORCAA Board of Directors under the Washington Clean Air Act, ORCAA's Rules and/or as necessary to achieve the objectives and goals of ORCAA, including, but not limited to acting as the agency's Control Officer. Such duties shall include those enumerated in the "Performance Measures" to be adopted by the Board within 90 days of starting employment
- Employment Status. Director's employment status as stated herein shall be as an employee of ORCAA and not as an independent contractor. Director is subject to the provisions of the ORCAA Policies and Procedures Manual except for any deviations from the Manual that are set forth in this Agreement and provided by law
- 3. Terms of Employment. ORCAA hereby employs Director, and Director hereby accepts employment with ORCAA according to the terms described in this contract, effective February 1, 2023. Employment shall continue until February 1, 2025, unless terminated earlier, pursuant to Section 7 of this agreement. Following February 1, 2025, the Contract will automatically extend, with the same terms and conditions, for successive periods of one year, unless either party provides written notice of its intention not to extend the term of the Contract at least 60 days prior to the applicable Renewal Date.

Performance evaluations will be conducted biennially or at such intervals as determined by the Board. At each performance evaluation, the Director shall provide a written report to the Board of their performance, addressing each of the "Performance Measures" adopted at the start of the performance period.

4. Compensation. The Director's salary is \$170,000 per annum, for the year ending January 31, 2024. The Board shall review the Director's salary annually. Adjustments to the Director's compensation may be made at the discretion of the Board based on a review of ORCAA's policy, ORCAA's financial condition, the labor market for similar positions, the compensation provided to other ORCAA employees, the Director's performance, changes in cost of living, and such other considerations that the Board may deem relevant.

- 5. Benefits. Except as is otherwise provided herein, Director will receive those benefits available to regular full-time ORCAA employees. Upon employment on February 1, 2022, the Director's annual vacation/leave accrual was set at 22 days per year, equivalent to sixteen (16) years of service level as described in ORCAA Vacation Leave Policy. With the execution of this contract, the Director's annual vacation accrual will be equivalent to twenty (20) years of service as described in ORCAA's Vacation Leave Policy.
- 6. **Expenses**. Reasonable expenses incurred by Director as a result of work-related activities will be reimbursed according to ORCAA policy.

#### 7. Termination.

- (a) Termination of this Contract occurs by its expiration according to its terms or upon written notice by a party.
- (b) ORCAA may immediately terminate this Contract with Director for cause. ORCAA will give written notice of termination for cause.

Definition of "Cause." For purposes of this Agreement, "Cause" shall mean: (i) the death of the Director; (ii) the permanent disability of the Director, which shall be defined as the inability of the Director, as a result of physical or mental illness or incapacity, to substantially perform his duties pursuant to this Agreement for a period of one hundred eighty (180) days during any twelve (12) month period; (iii) the Director's conviction of a felony or of a crime involving dishonesty or moral turpitude, including, without limitation, any act or crime involving misappropriation or embezzlement of ORCAA's assets or funds; (iv) willful or material wrongdoing by the Director, including, but not limited to, acts of dishonesty or fraud, or other conduct which could be expected to have a materially adverse effect, monetarily or otherwise, on the Agency or its reputation, as determined by ORCAA and its Board of Directors; (v) material breach by the Agency; or (vi) the Director's violation of any applicable local, state or federal law or regulation affecting ORCAA in any material respect, as determined by ORCAA and its Board of Directors.

The Board has sole discretion to investigate whether termination for cause is appropriate. If the Board undertakes an investigation to determine the appropriateness of termination for cause, the Board may place Director on paid administrative leave during that investigation.

The Board shall provide the Director with notice of any deficiency which it considers to be sufficient for a termination for cause and allow the Director an opportunity to respond.

No benefits or compensation will be paid to Director for any period after the date of termination for cause.

(c) This Contract shall be considered to be terminated immediately upon Director's death.

- (d) If Director chooses to terminate this Contract prior to its expiration date, they must give ORCAA sixty (60) days' notice. Failure by Director to provide ORCAA sixty (60) days' notice will result in them forfeiting all accrued sick leave.
- (e) If ORCAA terminates this Contract for its own convenience, ORCAA will give Director sixty (60) days' notice. After sixty (60) days from the date of notice, this Contract terminates without further liability to either party. All accrued vacation leave will be paid out at the time of departure up to a maximum of thirty (30) days, per ORCAA policy. The Board may elect to immediately relieve the Director of their obligation to perform services at the time of notice. In that case, the Board must still pay the Director according to the remaining obligations under the Contract.
- (f) Upon the termination of this Contract for any reason, or in the case of sixty (60) days' notice of termination of the Contract where the Board immediately relieves the Director of their obligation to perform services, the Director shall immediately return to ORCAA all agency property, including but not limited to ORCAA equipment, ORCAA documents, credit cards and keys.
- 8. **No Waiver of Terms**. The failure of either Director or ORCAA to require the performance of any terms or conditions of this Contract, or the waiver by either the Director or ORCAA of any breach of this Contract, shall not prevent a subsequent enforcement of any term or condition nor be deemed to be a waiver of any subsequent breach by either Director or ORCAA.
- 9. Disputes. This Contract shall be interpreted under the laws of the State of Washington. Venue shall be Thurston County, Washington. If any portion of this Contract is determined to be void or unenforceable, the remaining portion of the Contract shall remain in full force and effect. The sole and exclusive remedy for disputes over this Contract and/or Director's employment with ORCAA shall be arbitration. Arbitration shall be held by the American Arbitration Association under its rules and procedures.
- 10. Indemnification. Notwithstanding the liability protections provided under state law, employer agrees to defend, hold harmless and indemnify Director upon filing of any action or proceeding for damages arising from acts or omissions while performing or in good faith purporting to perform their official duties, unless the act or omission involved constitutes willful, reckless, or grossly negligent conduct. ORCAA or its insurers reserve the right to select counsel, litigate, compromise, or settle any such claim or suit at their sole discretion, and shall pay any monetary judgment against the Director arising from such matters. If ORCAA's counsel is unable to represent the Director, the Director may request and ORCAA shall not unreasonably refuse to provide independent legal representation at ORCAA's expense.
- 11. **Integration**. This Contract constitutes the entire agreement between the parties. It supersedes all prior agreements or understandings between the parties. This Contract may be modified from time to time as the parties may agree. Such modifications shall be in writing and shall be signed by Director and Board.
- 12. **Severability**. Each provision, paragraph, or subparagraph of this Contract is severable from every other provision, paragraph, or subparagraph of this Contract, and constitutes a separate and distinct covenant. If any portion of this Contract is determined to be void or unenforceable in whole or in part, this determination shall not affect the remainder of the Contract.

- 13. **Notice**. Any notice given by a party under the terms of this Contract must be given in writing by personal service or registered or certified mail at the address provided under the parties' respective signature blocks. Each party agrees to immediately provide the other with any change in address.
- 14. **Opportunity to Consult with Counsel**. Each party to this Contract has had an opportunity to read the contract and consult with legal counsel. The law firm of Law, Lyman, Daniel, Kamerrer & Bogdanovich, P.S. has represented ORCAA and not the Director in the negotiation of this Contract. Each party agrees that it has signed this Contract voluntarily and fully understands the terms and conditions of the Contract.

Agreed to on this 12<sup>th</sup> day of April, 2023, at Olympia, Washington

Address:

Jeffrey C. Johnston, Director 2940 Limited Lane NW, Olympia WA 98502

Authorized and agreed to by the Olympic Region Clean Air Agency Board of Directors' action on this 12<sup>th</sup> day of April, 2023, at Olympia, Washington.

OLYMPIC REGION CLEAN AIR AGENCY by its Chair

Address:

Jim Cooper, ORCAA Chair 2940 Limited Lane NW, Olympia WA 98502

# Compensation Market Study

Board Meeting April 12, 2023





## Benefits Review

ORCAA's benefits program is very competitive

Consider increasing the life insurance death benefit

Some employers are utilizing sabbaticals to reward longevity

# Pay Market Data

### Sources:

- Clean Air Agencies
- Other air and water resource programs
- Thurston County and other local government agencies

Focus on job content and qualifications when matching

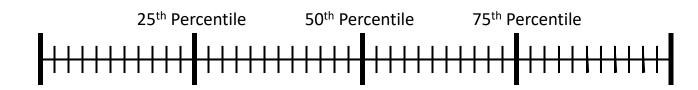
Average of 5.4 matches per ORCAA job

Market data aged to reflect July 1, 2023 effective date

Researched 25th, 50th, and 75th percentiles of the market

# Current State vs Market

Market Percentile	<b>ORCAA Midpoint vs Market</b>
25th Percentile	8% above market
50th Percentile	4% below market
75th Percentile	10% below market



Job - Range Change Suggestions

- Air Quality Specialist 1 5.0% under
- Air Quality Specialist 2 7.8% under
- Compliance Supervisor 5.2% under
- Financial Services Manager 25.1% under
- Sr Air Monitoring Specialist 8.8% under

### New Step Structure

	PROPOSED SALARY RANGES at the 50th Percentile											
Proposed Range	Step A	Step B	Step C	Step D	Step E	Step F	Step G	Step H	Step I	Step J	Step K	
21	\$49,053	\$50,525	\$52,041	\$53,602	\$55,210	\$56,866	\$58,572	\$60,329	\$62,139	\$64,004	\$65,924	
22	\$52,487	\$54,062	\$55,684	\$57,354	\$59,075	\$60,847	\$62,672	\$64,553	\$66,489	\$68,484	\$70,538	
23	\$56,161	\$57,846	\$59,581	\$61,369	\$63,210	\$65,106	\$67,059	\$69,071	\$71,143	\$73,278	\$75,476	
24	\$60,654	\$62,474	\$64,348	\$66,278	\$68,267	\$70,315	\$72,424	\$74,597	\$76,835	\$79,140	\$81,514	
25	\$65,506	\$67,472	\$69,496	\$71,581	\$73,728	\$75,940	\$78,218	\$80,565	\$82,982	\$85,471	\$88,035	
26	\$71,402	\$73 <mark>,</mark> 544	\$75,750	\$78,023	\$80,364	\$82,774	\$85,258	\$87,815	\$90,450	\$93,163	\$95,958	
27	\$77,828	\$80,163	\$82,568	\$85,045	\$87,596	\$90,224	\$92,931	\$95,719	\$98,590	\$101,548	\$104,595	
28	\$84,833	\$87,378	\$89,999	\$92,699	\$95,480	\$98,344	\$101,295	\$104,334	\$107,464	\$110,687	\$114,008	
29	\$93,316	\$96,115	\$98,999	\$101,969	\$105,028	\$108,179	\$111,424	\$114,767	\$118,210	\$121,756	\$125,409	
30	\$102,648	\$105,727	\$108,899	\$112,166	\$115,531	\$118,997	\$122,567	\$126,244	\$130,031	\$133,932	\$137,950	
31	\$112,912	\$116,300	\$119,789	\$123,382	\$127,084	\$130,896	\$134,823	\$138,868	\$143,034	\$147,325	\$151,745	
32	\$124,204	\$127,930	\$131,768	\$135,721	\$139,792	\$143,986	\$148,306	\$152,755	\$157,337	\$162,058	\$166,919	

9 steps to 11 steps

3% between each step (same)

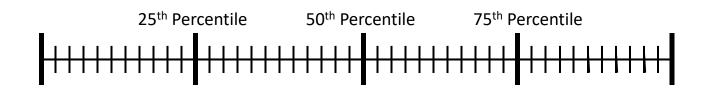
Anchor to the 50<sup>th</sup> percentile of the market

### New Structure vs Market

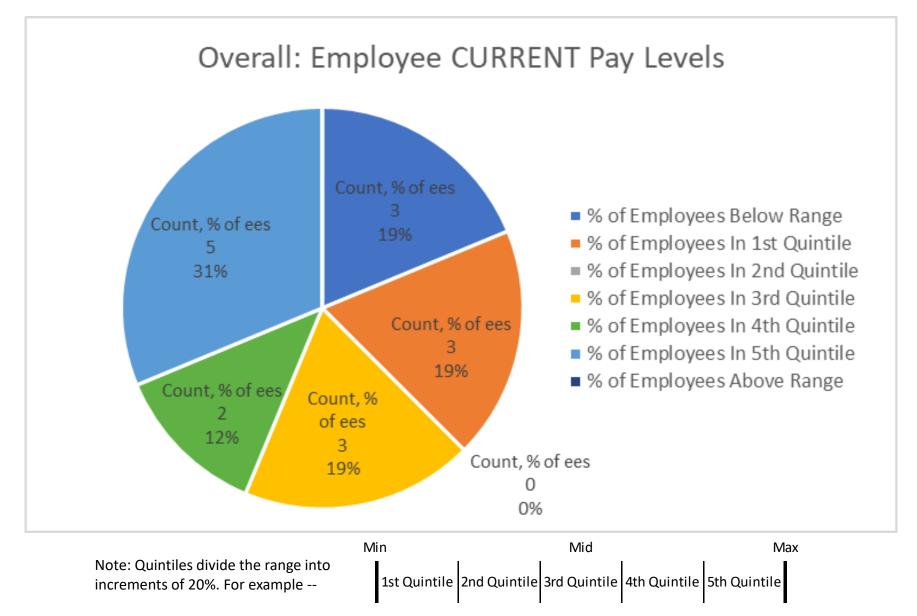
### If ORCAA:

- Moves 5 jobs into new ranges based on market
- Starts at range 22 for regular positions

Market Percentile	<b>ORCAA Midpoint vs Market</b>
25th Percentile	10% above market
50th Percentile	On Market
75th Percentile	8% below market



## Comparing Current Pay to Proposed Range



# Implementing Market Study Results

- Everyone below Step A moves to Step A (3 employees)
- Place remaining employees on the pay step that is closest to/above their current pay

# Questions and Further Discussion



### Olympic Region Clean Air Agency RESOLUTION NO: 281

#### Recognizing National Air Quality Awareness Week May 1-5, 2023

WHEREAS, preserving good air quality requires the participation of everyone in the community; and,

**WHEREAS,** Olympic Region Clean Air Agency (ORCAA) focuses on preserving good air quality throughout its six-county jurisdiction; and,

WHEREAS, communications and outreach stand as the most effective means of influencing behaviors with regard to good clean air practices; and,

**WHEREAS,** the U.S. Environmental Protection Agency (EPA) has established a practice of promoting air quality issues during one 'awareness week' each spring; and,

**NOW, THEREFORE**, be it resolved by the Board of Directors of the Olympic Region Clean Air Agency that:

- 1. ORCAA, in support of the EPA Air Quality Awareness Week, declares May 1-5, 2023, to be ORCAA's Air Quality Awareness Week.
- 2. ORCAA will promote awareness of the following messages in collaboration with EPA, the Department of Ecology, and other local agencies:
  - a. Monday, May 1<sup>st</sup> Wildfires and Smoke
  - b. Tuesday, May  $2^{nd}$  Asthma and Your Health
  - c. Wednesday, May 3<sup>rd</sup> Air Quality and Transportation
  - d. Thursday, May 4<sup>th</sup> Air Quality and Climate
  - e. Friday, May 5<sup>th</sup> Participatory Science

PRESENTED BY: ORCAA Board of Directors

Jim Cooper, ORCAA Board Chair Approved and signed on this 12<sup>th</sup> Day of April 2023.

# Olympic Region Clean Air Agency, Performance Measures for Jeff Johnston, Executive Director

Period: Spring 2023 – 2025

In accordance with Jeff Johnston's employment contract, performance measures are to be developed at the start of the contract performance period. Four **draft** performance measures are suggested below for discussion during the April Board meeting. Based on the outcome of this discussion, Jeff will bring an updated list with more detail to the May Board meeting for further discussion and to finalize them.

- 1. Agency succession planning and management
- 2. Update ORCAA's Strategic Plan
- 3. Replace the agency's core database systems
- 4. Continue refining ORCAA's performance management culture

### **Inspections Completed**

Between 3/2/2023 and 4/6/2023

Insp.	Date	Inspection Type	File #	# Source Name	Location	Warning	NOV Issued
BTD							
	03/03/2023	Full Compliance Evaluation	510	SWANTOWN BOATWORKS & MARINA	OLYMPIA		
	03/06/2023	Full Compliance Evaluation	556	ALTA FOREST PRODUCTS	SHELTON		
	03/06/2023	Full Compliance Evaluation	1172	TRUFAB LLC	SHELTON		
	03/06/2023	Full Compliance Evaluation	1200	PACIFIC COAST FIBER FUELS LLC	SHELTON		
	03/07/2023	Full Compliance Evaluation	163	OLYMPIC CORRECTIONS CENTER	FORKS		
	03/09/2023	Full Compliance Evaluation	585	FORKS HIGH SCHOOL - QUILLAYUTE	FORKS		
	03/09/2023	Investigation	0	HILLCAR & FLETCHER INC	FORKS		
	03/09/2023	Full Compliance Evaluation	382	LAKE QUINAULT CHEVRON	QUINAULT		
	03/23/2023	Full Compliance Evaluation	429	HUMPTULIPS GROCERY	HUMPTULIPS		
	03/23/2023	Full Compliance Evaluation	1135	YOU & I MARKET 76 GAS	PACIFIC BEACH		
MS							
	03/10/2023	Full Compliance Evaluation	1177	SOUTH BEND PRODUCTS	SOUTH BEND		
	03/21/2023	Full Compliance Evaluation	698	AUTO BODY BY THE BEACH	LONG BEACH		
	03/21/2023	Full Compliance Evaluation	910	JACKS COUNTRY STORE INC	OCEAN PARK		
	03/21/2023	Full Compliance Evaluation	269	WIEGARDT BROS SEAFOOD	OCEAN PARK		
	03/23/2023	Full Compliance Evaluation	932	FOODMART 3890 - SOUTH BEND	SOUTH BEND		
NWS							
	03/08/2023	Full Compliance Evaluation	548	DART CONTAINER CORP OF WASHING	TUMWATER		
	03/08/2023	Driveby	213	I-5 DESIGN BUILD INC (NEW)	LACEY		
	03/21/2023	Full Compliance Evaluation	1235	NORTH MASON FIBER CO INC	BELFAIR		
	03/21/2023	Full Compliance Evaluation	124	BEAR CREEK COUNTRY STORE AND F	BELFAIR		
	03/21/2023	Full Compliance Evaluation	204	MATTHAEIS CAMCO INC	SHELTON		
	03/21/2023	Full Compliance Evaluation	197	SAFEWAY - BELFAIR #1571	BELFAIR		
	03/27/2023	Full Compliance Evaluation	886	ROAD RUNNER FOODMART LLC	LACEY		

1

Printed 4/6/2023 3:59:11 PM

Page 1 of 2

Insp. Date	<b>Inspection Type</b>	File #	# Source Name	Location	Warning	NOV Issued
04/04/2023	Full Compliance Evaluation	242	OLYMPIC CREST COFFEE ROASTING	LACEY		
04/04/2023	Partial Compliance Evaluation	721	LACEY COLLISION CENTER INC	LACEY		
04/05/2023	Full Compliance Evaluation	474	WESTPORT LLC	WESTPORT		
RDW						
03/06/2023	Full Compliance Evaluation	1200	PACIFIC COAST FIBER FUELS LLC	SHELTON		
03/06/2023	Full Compliance Evaluation	1172	TRUFAB LLC	SHELTON		
03/06/2023	Full Compliance Evaluation	556	ALTA FOREST PRODUCTS	SHELTON		
03/07/2023	Full Compliance Evaluation	163	OLYMPIC CORRECTIONS CENTER	FORKS		
03/13/2023	Investigation	1005	DAHLSTROM LUMBER CO INC	HOQUIAM		
03/13/2023	Full Compliance Evaluation	647	WILLIS ENTERPRISES - MOON ISLAND	HOQUIAM		
03/23/2023	Full Compliance Evaluation	768	J & D PAINTING SERVICES INC	CHIMACUM		
03/23/2023	Full Compliance Evaluation	353	PORT TOWNSEND ROASTING CO	PORT TOWNSEND		
03/23/2023	Full Compliance Evaluation	953	PORT LUDLOW VILLAGE STORE	PORT LUDLOW		
03/24/2023	Full Compliance Evaluation	114	OLYMPIA CAMPGROUND	OLYMPIA		
03/24/2023	Full Compliance Evaluation	890	VILLAGE MART	OLYMPIA		
03/24/2023	Full Compliance Evaluation	121	SCOTT LAKE GROCERY	OLYMPIA		
04/04/2023	Full Compliance Evaluation	466	NORTHWEST CANNABIS SOLUTIONS	OLYMPIA		
04/04/2023	Full Compliance Evaluation	1206	LOWES HIW INC - YELM HWY CORPOR	LACEY		
04/04/2023	Full Compliance Evaluation	579	LITTLEROCK GROCERY	LITTLEROCK		
04/04/2023	Full Compliance Evaluation	242	OLYMPIC CREST COFFEE ROASTING	LACEY		
04/04/2023	Full Compliance Evaluation	988	OLYMPIA SCHOOL DISTRICT	TUMWATER		
04/04/2023	Full Compliance Evaluation	381	CITY OF LACEY CITY HALL	LACEY		
04/04/2023	Full Compliance Evaluation	937	TRI LAKE MARKET	OLYMPIA		
04/04/2023	Full Compliance Evaluation	1195	WSDOT - TEF 313 TUMWATER WSP	TUMWATER		
04/04/2023	Full Compliance Evaluation	1191	WSDOT - TEF 319 MOTTMAN	TUMWATER		
04/04/2023	Full Compliance Evaluation	923	JERRYS AUTOMOTIVE & TOWING	OLYMPIA		
04/04/2023	Full Compliance Evaluation	923	JERRYS AUTOMOTIVE & TOWING	OLYMPIA		

Page 2 of 2

### Asbestos Permit Status Report

Permit #	Rec'd	Site Address	County	Completion Date
22ASB007994	6/14/2022	6130 US 101	Grays Harbor	7/8/2022
22ASB008003	6/20/2022	50350 Hwy 112	Clallam	7/7/2023
22ASB008068	8/24/2022	422 East Bay Dr NE	Thurston	9/6/2023
22ASB008162	11/17/2022	Washington St, Rice St, and mile m	Clallam	8/31/2023
22ASB008168	11/23/2022	101 E Railroad	Clallam	1/31/2023
22ASB008169	11/23/2022	101 E Market St	Grays Harbor	12/30/2022
22ASB008185	12/12/2022	Annual		12/31/2023
22ASB008187	12/13/2022	1835 Circle Loop SE	Thurston	1/12/2024
22ASB008188	12/13/2022	Annual	Clallam	12/30/2023
22ASB008195	12/22/2022	1400 Bethel St	Thurston	1/27/2023
22ASB008205	12/30/2022	7219 Glen Annie Ln SW	Thurston	1/11/2023
23ASB008207	1/3/2023	Annual	Jefferson	12/29/2023
23ASB008208	1/3/2023	100 Mill Rd	Jefferson	12/29/2023
23ASB008216	1/11/2023	1113 Legion Way SE	Thurston	2/28/2023
23ASB008219	1/13/2023	Communication Tower-Tonquin Ave	Grays Harbor	1/30/2023
23ASB008241	2/1/2023	1507 Center St	Mason	2/4/2023
23ASB008246	2/3/2023	8924 Mulberry Ct SE	Thurston	5/13/2023
23ASB008247	2/5/2023	3027-A Simmons Rd NW	Thurston	3/10/2023
23ASB008248	2/6/2023	101 NE Byerly Rd	Mason	12/31/2023
23ASB008256	2/10/2023	1420 Thorndyke Rd	Jefferson	3/31/2023
23ASB008258	2/13/2023	2033 1st Street	Grays Harbor	12/31/2023
23ASB008260	2/14/2023	272262 Highway 101	Clallam	3/17/2023
23ASB008261	2/16/2023	700 Israel Rd SW	Thurston	6/30/2023
23ASB008262	2/16/2023	27312 U St	Pacific	3/30/2023
23ASB008267	2/17/2023	215 Sid Snyder Ave SW	Thurston	3/17/2023
23ASB008268	2/17/2023	201 Sid Snyder Ave SW	Thurston	3/17/2023
23ASB008269	2/17/2023	1417 Columbia St SW	Thurston	3/17/2023
23ASB008270	2/13/2023	31402 H St	Pacific	12/31/2023
23ASB008271	2/21/2023	1205 S Forks Ave #12	Clallam	3/2/2023
23ASB008272	2/21/2023	2567 25th Loop SE	Thurston	3/10/2023
23ASB008273	2/17/2023	319 N Jefferson	Grays Harbor	3/7/2023
23ASB008274	2/24/2023	425 Marvin Rd SE (Parcel #118141	Thurston	4/7/2023
23ASB008275	2/24/2023	213 Quince St NE	Thurston	3/31/2023

Thursday, April 6, 2023

Page 1 of 3

23ASB008277         2/27/2023         7643 Old Hwy 99 SE         Thurston         4/4/2023           23ASB008278         2/27/2023         1322 Washington Street         Jefferson         5/27/2023           23ASB008279         2/282/2023         628 Tyler Street         Jefferson         4/28/2023           23ASB008281         3/1/2023         6229 Henderson Blvd SE         Thurston         4/28/2023           23ASB008284         3/2/2023         6279 Henderson Blvd SE         Thurston         3/1/2023           23ASB008285         2/27/2023         4500 Marin Way E, Spc 96         Thurston         3/1/2023           23ASB008286         3/3/2023         241 Beach Dr         Clailam         3/1/2023           23ASB008280         3/1/2023         1980 NE NorthFore Rd         Mason         3/1/4/2023           23ASB008291         3/1/2023         1909 With Street         Clailam         4/3/2023           23ASB008297         3/1/2023         1940 Finnklin Rd         Jefferson         4/28/2023           23ASB008291         3/1/2023         1940 Finnklin Rd         Jefferson         4/28/2023           23ASB008291         3/1/2023         1940 Finnklin Rd         Jefferson         4/28/2023           23ASB008292         3/1/2023         1920 Ex	Permit #	Rec'd	Site Address	County	<b>Completion Date</b>
23ASB008279         228/2023         82B Tyler Street         Jefferson         3/15/203           23ASB008281         3/1/2023         2828 Martin Way E         Thurston         4/28/2023           23ASB008283         3/2/2023         324 Wheeler Ave         Grays Harbor         3/1/7/2023           23ASB008284         3/2/2023         244 Wheeler Ave         Grays Harbor         3/1/7/2023           23ASB008286         2/2/7/2023         4500 Martin Way E, Spc 96         Thurston         3/15/2023           23ASB008289         3/3/2023         261 Beach Dr         Clallarn         3/15/2023           23ASB008289         3/3/2023         168 North G St.         Grays Harbor         5/3/12023           23ASB008293         3/10/2023         18801 NE Northshore Rd         Mason         3/14/2023           23ASB008295         3/13/2023         1995 Gise S1         Jefferson         4/6/2023           23ASB008297         3/13/2023         1901 Capitol Bivd S         Thurston         4/6/2023           23ASB008298         3/14/2023         5201 Capitol Bivd S         Thurston         4/6/2023           23ASB008301         3/15/2023         1925 Langridge Loop NW         Thurston         4/6/2023           23ASB008303         3/15/2023         130	23ASB008277	2/27/2023	7643 Old Hwy 99 SE	Thurston	4/4/2023
23ASB00321         3/1/2023         2828 Martin Way E         Thurston         4/28/2021           23ASB008283         3/22023         6729 Henderson Blvd SE         Thurston         4/29/2023           23ASB008284         3/22023         244 Wheeler Ave         Grays Harbor         3/17/2023           23ASB008285         2/27/2023         4500 Martin Way E, Spc 96         Thurston         3/16/2023           23ASB008289         3/3/2023         5826 193rd Ave         Thurston         3/14/2023           23ASB008290         3/7/2023         168 North G St.         Grays Harbor         5/31/2023           23ASB008295         3/13/2023         18901 NE Northshore Rd         Mason         3/14/2023           23ASB008296         3/13/2023         1930 Gise St         Jefferson         3/14/2023           23ASB008298         3/14/2023         5201 Capitol Blvd S         Thurston         4/7/2023           23ASB008299         3/14/2023         5201 Capitol Blvd S         Thurston         4/2/2023           23ASB008299         3/14/2023         5201 Capitol Blvd S         Thurston         4/1/2023           23ASB008299         3/14/2023         3201 Capitol Blvd S         Thurston         4/1/2023           23ASB008293         3/15/2023         372	23ASB008278	2/27/2023	1322 Washington Street	Jefferson	5/27/2023
23ASB008283         3/2/2023         6729 Henderson Blvd SE         Thurston         4/29/203           23ASB008284         3/2/2023         324 Wheeler Ave         Grays Harbor         3/17/2023           23ASB008285         2/27/2023         4500 Martin Way E, Spc 96         Thurston         3/16/2023           23ASB008288         3/3/2023         5826 193rd Ave         Thurston         3/14/2023           23ASB008290         3/7/2023         216 North G St.         Grays Harbor         5/31/2023           23ASB008295         3/13/2023         18801 NE Northshore Rd         Mason         3/14/2023           23ASB008296         3/13/2023         2935 Gise St         Jefferson         3/14/2023           23ASB008296         3/13/2023         2904 Kimnle Rd         Jefferson         4/6/2023           23ASB008298         3/14/2023         2921 Kimnle Rd         Jefferson         4/6/2023           23ASB008299         3/14/2023         2922 Langridge Loop N/V         Thurston         4/25/2023           23ASB008301         3/15/2023         170 Beach Dr         Jefferson         4/25/2023           23ASB008303         3/15/2023         170 Beach Dr         Jefferson         4/25/2023           23ASB008303         3/15/2023         1604 Columba	23ASB008279	2/28/2023	828 Tyler Street	Jefferson	3/15/2023
23ASB008284         3/2/2023         324 Wheeler Ave         Grays Harbor         3/17/2023           23ASB008285         2/27/2023         4500 Martin Way E, Spc 96         Thurston         3/10/1023           23ASB008288         3/3/2023         241 Beach Dr         Clallam         3/15/2023           23ASB008299         3/3/2023         5826 193rd Ave         Thurston         3/14/2023           23ASB008290         3/7/2023         16 North G St.         Grays Harbor         5/31/2023           23ASB008295         3/13/2023         18801 NE Northshore Rd         Mason         3/14/2023           23ASB008296         3/13/2023         2935 Gise St         Jefferson         4/6/2023           23ASB008297         3/13/2023         1440 Franklin Rd         Jefferson         4/6/2023           23ASB008298         3/14/2023         5201 Capitol Blvd S         Thurston         4/12/2023           23ASB008299         3/14/2023         5201 Capitol Blvd S         Thurston         4/12/2023           23ASB008301         3/15/2023         372 Gith St         Jefferson         4/5/2023           23ASB008303         3/15/2023         372 Gith St         Jefferson         4/12/2023           23ASB008303         3/15/2023         320 Columbia St	23ASB008281	3/1/2023	2828 Martin Way E	Thurston	4/28/2023
23ASB008285         2/27/2023         4500 Martin Way E, Spc 96         Turuston         3/10/102           23ASB008288         3/3/2023         241 Beach Dr         Clallam         3/15/2023           23ASB008289         3/3/2023         5826 193rd Ave         Thurston         3/14/2023           23ASB008290         3/7/2023         216 North G St.         Grays Harbor         5/31/2023           23ASB008295         3/13/2023         18801 NE Northshore Rd         Mason         3/14/2023           23ASB008296         3/13/2023         2935 Gise St         Jefferson         4/6/2023           23ASB008297         3/13/2023         1440 Franklin Rd         Jefferson         4/6/2023           23ASB008298         3/14/2023         5201 Capitol Blvd S         Thurston         4/7/2023           23ASB008209         3/14/2023         5201 Capitol Blvd S         Thurston         4/6/2023           23ASB008301         3/15/2023         322 E Langridge Loop NVV         Thurston         4/5/2023           23ASB008303         3/15/2023         372 6th St         Jefferson         4/5/2023           23ASB008303         3/15/2023         170 Beach Dr         Jefferson         4/12/2023           23ASB008303         3/20/2023         171 Stenet	23ASB008283	3/2/2023	6729 Henderson Blvd SE	Thurston	4/29/2023
23ASB008288         3/3/2023         241 Beach Dr         Clallam         3/15/2023           23ASB006289         3/3/2023         5626 193rd Ave         Thurston         3/14/2023           23ASB006280         3/7/2023         216 North G St.         Grays Harbor         5/31/2023           23ASB008293         3/10/2023         18801 NE Northshore Rd         Mason         3/14/2023           23ASB008295         3/13/2023         2935 Gise St         Jefferson         3/14/2023           23ASB008296         3/13/2023         1440 Franklin Rd         Jefferson         4/6/2023           23ASB008297         3/13/2023         5201 Capitol Blvd S         Thurston         4/7/2023           23ASB008299         3/14/2023         5201 Capitol Blvd S         Thurston         4/22/2023           23ASB008300         3/15/2023         5201 Capitol Blvd S         Thurston         4/5/2023           23ASB008301         3/15/2023         3261 h St         Jefferson         4/5/2023           23ASB008303         3/15/2023         170 Beach Dr         Jefferson         4/12/2023           23ASB008303         3/15/2023         171 Stit Lin SE         Thurston         3/31/2023           23ASB008311         3/23/2023         1302 Oolumbia St	23ASB008284	3/2/2023	324 Wheeler Ave	Grays Harbor	3/17/2023
23ASB008289         3/3/2023         5826 193rd Ave         Thurston         3/14/2023           23ASB008290         3/7/2023         216 North G St.         Grays Harbor         5/31/2023           23ASB008293         3/10/2023         18801 NE Northshore Rd         Mason         3/14/2023           23ASB008295         3/13/2023         2935 Gise St         Jefferson         3/14/2023           23ASB008296         3/13/2023         1440 Franklin Rd         Jefferson         4/6/2023           23ASB008297         3/14/2023         5201 Capitol Blvd S         Thurston         4/7/2023           23ASB008299         3/14/2023         5201 Capitol Blvd S         Thurston         4/22/2023           23ASB008300         3/15/2023         3225 Langridge Loop NW         Thurston         4/12/2023           23ASB008301         3/15/2023         372 6th St         Jefferson         4/25/2023           23ASB008303         3/15/2023         170 Beach Dr         Jefferson         4/25/2023           23ASB008303         3/15/2023         170 Feach Dr         Jefferson         4/12/2023           23ASB008313         3/23/2023         1301 Hidden Valley Dr SE         Thurston         4/3/2023           23ASB008313         3/24/2023         1380 200th Lane </td <td>23ASB008285</td> <td>2/27/2023</td> <td>4500 Martin Way E, Spc 96</td> <td>Thurston</td> <td>3/10/1023</td>	23ASB008285	2/27/2023	4500 Martin Way E, Spc 96	Thurston	3/10/1023
23ASB008290         3/7/2023         216 North G St.         Grays Harbor         5/31/2023           23ASB008293         3/10/2023         18801 NE Northshore Rd         Mason         3/14/2023           23ASB008295         3/13/2023         309 W 6th Street         Clailam         4/3/2023           23ASB008296         3/13/2023         2935 Gise St         Jefferson         3/14/2023           23ASB008297         3/13/2023         1440 Franklin Rd         Jefferson         4/6/2023           23ASB008298         3/14/2023         5201 Capitol Bivd S         Thurston         4/28/2023           23ASB008209         3/14/2023         9225 Langridge Loop NW         Thurston         3/17/2023           23ASB008301         3/15/2023         372 6th St         Jefferson         4/2/2023           23ASB008302         3/15/2023         372 6th St         Jefferson         4/12/2023           23ASB008303         3/15/2023         170 Beach Dr         Jefferson         4/12/2023           23ASB008303         3/15/2023         1303 Hidden Valley Dr SE         Thurston         4/12/2023           23ASB008311         3/23/2023         1320 Columbia St         Clalam         4/1/2023           23ASB008313         3/24/2023         1803 200th Lane	23ASB008288	3/3/2023	241 Beach Dr	Clallam	3/15/2023
23ASB008293         3/10/2023         18801 NE Northshore Rd         Mason         3/14/2023           23ASB008295         3/13/2023         2935 Gise St         Clalam         4/3/2023           23ASB008297         3/13/2023         1440 Franklin Rd         Jefferson         3/14/2023           23ASB008298         3/11/2023         1440 Franklin Rd         Jefferson         4/6/2023           23ASB008298         3/11/2023         5201 Capitol Bivd S         Thurston         4/2/2023           23ASB008209         3/11/2023         9420 Kimmie St SW         Thurston         4/2/2023           23ASB008301         3/15/2023         925 Langridge Loop NW         Thurston         4/1/2023           23ASB008301         3/15/2023         170 Beach Dr         Jefferson         4/1/2023           23ASB008303         3/15/2023         936 Fir Street         Jefferson         4/1/2023           23ASB008303         3/20/2023         8103 Hidden Valley Dr SE         Thurston         4/1/2023           23ASB008311         3/22/2023         1802 Oth Lane         Pacific         4/1/2023           23ASB008313         3/24/2023         1803 20th Lane         Furston         4/28/2023           23ASB008314         3/24/2023         1803 20th Lane	23ASB008289	3/3/2023	5826 193rd Ave	Thurston	3/14/2023
Z3ASB008295         3/13/2023         309 W 6th Street         Clallam         4/3/2023           Z3ASB008296         3/13/2023         2935 Gise St         Jefferson         3/14/2023           Z3ASB008297         3/13/2023         1440 Franklin Rd         Jefferson         4/6/2023           Z3ASB008298         3/14/2023         5201 Capitol Blvd S         Thurston         4/7/2023           Z3ASB008299         3/14/2023         5201 Capitol Blvd S         Thurston         4/28/2023           Z3ASB008300         3/15/2023         2925 Langridge Loop NW         Thurston         3/17/2023           Z3ASB008301         3/15/2023         372 6th St         Jefferson         4/5/2023           Z3ASB008302         3/15/2023         170 Beach Dr         Jefferson         4/25/2023           Z3ASB008303         3/15/2023         936 Fir Street         Jefferson         4/4/2023           Z3ASB008310         3/23/2023         8103 Hidden Valley Dr SE         Thurston         4/1/2023           Z3ASB008311         3/23/2023         1320 Columbia St         Clallam         4/1/1/2023           Z3ASB008313         3/24/2023         1803 200th Lane         Pacific         4/10/2023           Z3ASB008314         3/24/2023         1835 Viewcrest Lane SE<	23ASB008290	3/7/2023	216 North G St.	Grays Harbor	5/31/2023
23ASB008296         3/13/2023         2935 Gise St         Jefferson         3/14/203           23ASB008297         3/13/2023         1440 Franklin Rd         Jefferson         4/6/2023           23ASB008298         3/14/2023         5201 Capitol Blvd S         Thurston         4/7/2023           23ASB008299         3/14/2023         9420 Kimmie St SW         Thurston         4/28/2023           23ASB008300         3/15/2023         2925 Langridge Loop NW         Thurston         4/7/2023           23ASB008301         3/15/2023         372 6th St         Jefferson         4/12/2023           23ASB008302         3/15/2023         170 Beach Dr         Jefferson         4/12/2023           23ASB008303         3/15/2023         936 Fir Street         Jefferson         4/4/2023           23ASB008310         3/23/2023         8103 Hidden Valley Dr SE         Thurston         4/13/2023           23ASB008311         3/23/2023         1320 Columbia St         Clallam         4/11/2023           23ASB008313         3/24/2023         1803 200th Lane         Pacific         4/10/2023           23ASB008314         3/24/2023         1803 Vencrest Lane SE         Thurston         4/27/2023           23ASB008316         3/24/2023         1380 N Montesano St	23ASB008293	3/10/2023	18801 NE Northshore Rd	Mason	3/14/2023
23ASB008297       3/13/2023       1440 Franklin Rd       Jefferson       4/6/2023         23ASB008298       3/14/2023       5201 Capitol Blvd S       Thurston       4/28/2023         23ASB008299       3/14/2023       9420 Kimmie St SW       Thurston       4/28/2023         23ASB008300       3/15/2023       2925 Langridge Loop NW       Thurston       4/12/2023         23ASB008301       3/15/2023       337 26th St       Jefferson       4/12/2023         23ASB008302       3/15/2023       170 Beach Dr       Jefferson       4/25/2023         23ASB008303       3/15/2023       936 Fir Street       Jefferson       4/22/2023         23ASB008309       3/20/2023       413 Lilly Road NE       Thurston       3/31/2023         23ASB008310       3/23/2023       1320 Columbia St       Clallam       4/11/2023         23ASB008311       3/23/2023       1320 Columbia St       Clallam       4/12/2023         23ASB008313       3/24/2023       1803 200th Lane       Pacific       4/10/2023         23ASB008314       3/24/2023       1380 200th Lane       Grays Harbor       3/27/2023         23ASB008315       3/24/2023       1380 N Montesano St       Grays Harbor       4/4/2023         23ASB008316       3/27	23ASB008295	3/13/2023	309 W 6th Street	Clallam	4/3/2023
23ASB008298         3/14/2023         5201 Capitol Blvd S         Thurston         4/7/2023           23ASB008299         3/14/2023         9420 Kimmie St SW         Thurston         4/28/2023           23ASB008300         3/15/2023         2925 Langridge Loop NW         Thurston         3/17/2023           23ASB008301         3/15/2023         337 26th St         Jefferson         4/5/2023           23ASB008302         3/15/2023         170 Beach Dr         Jefferson         4/25/2023           23ASB008303         3/15/2023         936 Fir Street         Jefferson         4/25/2023           23ASB008309         3/20/2023         413 Lilly Road NE         Thurston         3/31/2023           23ASB008310         3/23/2023         8103 Hidden Valley Dr SE         Thurston         4/13/2023           23ASB008311         3/23/2023         1320 Columbia St         Clallam         4/11/2023           23ASB008312         3/23/2023         1803 200th Lane         Pacific         4/10/2023           23ASB008313         3/24/2023         1819 Bel Aire Ave         Grays Harbor         3/27/2023           23ASB008315         3/24/2023         1888 Park Ave E         Thurston         4/17/2023           23ASB008317         3/27/2023         830 N Montesa	23ASB008296	3/13/2023	2935 Gise St	Jefferson	3/14/2023
23ASB008299         3/14/2023         9420 Kimmie St SW         Thurston         4/28/2023           23ASB008300         3/15/2023         2925 Langridge Loop NW         Thurston         3/17/2023           23ASB008301         3/15/2023         337 26th St         Jefferson         4/5/2023           23ASB008302         3/15/2023         170 Beach Dr         Jefferson         4/12/2023           23ASB008303         3/15/2023         936 Fir Street         Jefferson         4/25/2023           23ASB008309         3/20/2023         413 Lilly Road NE         Thurston         3/31/2023           23ASB008310         3/23/2023         8103 Hidden Valley Dr SE         Thurston         4/13/2023           23ASB008311         3/23/2023         7217 85th Ln SE         Thurston         4/13/2023           23ASB008312         3/23/2023         1320 Columbia St         Clallam         4/11/2023           23ASB008313         3/24/2023         1803 200th Lane         Pacific         4/10/2023           23ASB008315         3/24/2023         1388 Park Ave E         Thurston         3/27/2023           23ASB008316         3/26/2023         1388 Park Ave E         Thurston         4/12/2023           23ASB008318         3/27/2023         830 N Montesano St <td>23ASB008297</td> <td>3/13/2023</td> <td>1440 Franklin Rd</td> <td>Jefferson</td> <td>4/6/2023</td>	23ASB008297	3/13/2023	1440 Franklin Rd	Jefferson	4/6/2023
23ASB008300         3/15/2023         2925 Langridge Loop NW         Thurston         3/17/2023           23ASB008301         3/15/2023         337 26th St         Jefferson         4/5/2023           23ASB008302         3/15/2023         170 Beach Dr         Jefferson         4/12/2023           23ASB008303         3/15/2023         936 Fir Street         Jefferson         4/25/2023           23ASB008309         3/20/2023         413 Lilly Road NE         Thurston         3/31/2023           23ASB008310         3/23/2023         8103 Hidden Valley Dr SE         Thurston         4/13/2023           23ASB008311         3/23/2023         7217 85th Ln SE         Thurston         4/13/2023           23ASB008313         3/24/2023         1803 200th Lane         Pacific         4/10/2023           23ASB008314         3/24/2023         1803 200th Lane SE         Thurston         4/28/2023           23ASB008315         3/24/2023         1838 Park Ave E         Thurston         4/17/2023           23ASB008316         3/22/2023         1388 Park Ave E         Thurston         4/17/2023           23ASB008317         3/27/2023         830 N Montesano St         Grays Harbor         4/10/2023           23ASB008321         3/29/2023         1940 49th St </td <td>23ASB008298</td> <td>3/14/2023</td> <td>5201 Capitol Blvd S</td> <td>Thurston</td> <td>4/7/2023</td>	23ASB008298	3/14/2023	5201 Capitol Blvd S	Thurston	4/7/2023
23ASB0083013/15/2023337 26th StJefferson4/5/202323ASB0083023/15/2023170 Beach DrJefferson4/12/202323ASB0083033/15/2023936 Fir StreetJefferson4/25/202323ASB0083093/20/2023413 Lilly Road NEThurston3/31/202323ASB0083103/23/20238103 Hidden Valley Dr SEThurston4/13/202323ASB0083113/23/20237217 85th Ln SEThurston4/13/202323ASB0083123/23/20231320 Columbia StClallam4/11/202323ASB0083133/24/20231803 200th LanePacific4/10/202323ASB0083143/24/20231819 Bel Aire AveGrays Harbor3/20/202323ASB0083153/24/20231838 Park Ave EThurston4/17/202323ASB0083163/26/20231388 Park Ave EThurston4/17/202323ASB0083173/27/2023800 N Montesano StGrays Harbor4/10/202323ASB0083183/27/20233930 Westpark Ct NWThurston4/10/202323ASB0083213/29/20231940 49th StJefferson4/17/202323ASB0083234/3/2023221 Colman DrJefferson5/12/202323ASB008324##################545 Hendricks ST #15 and 32Heferson4/10/2023	23ASB008299	3/14/2023	9420 Kimmie St SW	Thurston	4/28/2023
23ASB008302       3/15/2023       170 Beach Dr       Jefferson       4/12/2023         23ASB008303       3/15/2023       936 Fir Street       Jefferson       4/25/2023         23ASB008309       3/20/2023       413 Lilly Road NE       Thurston       3/31/2023         23ASB008310       3/23/2023       8103 Hidden Valley Dr SE       Thurston       4/13/2023         23ASB008311       3/23/2023       7217 85th Ln SE       Thurston       4/13/2023         23ASB008312       3/23/2023       1320 Columbia St       Clallam       4/11/2023         23ASB008313       3/24/2023       1803 200th Lane       Pacific       4/10/2023         23ASB008314       3/24/2023       1819 Bel Aire Ave       Grays Harbor       3/27/2023         23ASB008315       3/24/2023       1388 Park Ave E       Thurston       4/12/2023         23ASB008317       3/27/2023       40 E Rose Point       Mason       4/17/2023         23ASB008318       3/27/2023       830 N Montesano St       Grays Harbor       4/10/2023         23ASB008319       3/28/2023       3930 Westpark Ct NW       Thurston       4/10/2023         23ASB008321       3/29/2023       1940 49th St       Jefferson       4/10/2023         23ASB008323       4/5/2	23ASB008300	3/15/2023	2925 Langridge Loop NW	Thurston	3/17/2023
23ASB0083033/15/2023936 Fir StreetJefferson4/25/202323ASB0083093/20/2023413 Lilly Road NEThurston3/31/202323ASB0083103/23/20238103 Hidden Valley Dr SEThurston4/4/202323ASB0083113/23/20237217 85th Ln SEThurston4/13/202323ASB0083123/23/20231320 Columbia StClallarn4/11/202323ASB0083133/24/20231803 200th LanePacific4/10/202323ASB0083143/24/20231819 Bel Aire AveGrays Harbor3/20/202323ASB0083153/24/20238535 Viewcrest Lane SEThurston4/28/202323ASB0083163/26/20231388 Park Ave EThurston3/27/202323ASB0083173/27/202340 E Rose PointMason4/10/202323ASB0083183/27/2023930 Westpark Ct NWThurston4/10/202323ASB0083213/29/20231940 49th StJefferson4/12/202323ASB0083224/3/2023221 Colman DrJefferson5/12/202323ASB0083234/5/202313310 W Shelton Matlock RdMason4/29/202323ASB008324#################################	23ASB008301	3/15/2023	337 26th St	Jefferson	4/5/2023
23ASB008309       3/20/2023       413 Lilly Road NE       Thurston       3/31/2023         23ASB008310       3/23/2023       8103 Hidden Valley Dr SE       Thurston       4/4/2023         23ASB008311       3/23/2023       7217 85th Ln SE       Thurston       4/13/2023         23ASB008312       3/23/2023       1320 Columbia St       Clallam       4/11/2023         23ASB008313       3/24/2023       1803 200th Lane       Pacific       4/10/2023         23ASB008314       3/24/2023       1819 Bel Aire Ave       Grays Harbor       3/20/2023         23ASB008315       3/24/2023       1838 Park Ave E       Thurston       4/28/2023         23ASB008316       3/26/2023       1388 Park Ave E       Thurston       3/27/2023         23ASB008317       3/27/2023       40 E Rose Point       Mason       4/10/2023         23ASB008318       3/27/2023       3930 Westpark Ct NW       Thurston       4/10/2023         23ASB008319       3/28/2023       3930 Westpark Ct NW       Thurston       4/10/2023         23ASB008321       3/29/2023       1940 49th St       Jefferson       5/12/2023         23ASB008322       4/3/2023       13310 W Shelton Matlock Rd       Mason       4/29/2023         23ASB008323	23ASB008302	3/15/2023	170 Beach Dr	Jefferson	4/12/2023
23ASB0083103/23/20238103 Hidden Valley Dr SEThurston4/4/202323ASB0083113/23/20237217 85th Ln SEThurston4/13/202323ASB0083123/23/20231320 Columbia StClallam4/11/202323ASB0083133/24/20231803 200th LanePacific4/10/202323ASB0083143/24/20231819 Bel Aire AveGrays Harbor3/20/202323ASB0083153/24/20238535 Viewcrest Lane SEThurston4/28/202323ASB0083163/26/20231388 Park Ave EThurston3/27/202323ASB0083173/27/202340 E Rose PointMason4/17/202323ASB0083183/27/2023830 N Montesano StGrays Harbor4/10/202323ASB0083213/29/20231940 49th StJefferson4/7/202323ASB0083224/3/202313310 W Shelton Matlock RdMason4/29/202323ASB008324########545 Hendricks ST #15 and 32Jefferson4/10/2023	23ASB008303	3/15/2023	936 Fir Street	Jefferson	4/25/2023
23ASB0083113/23/20237217 85th Ln SEThurston4/13/202323ASB0083123/23/20231320 Columbia StClallam4/11/202323ASB0083133/24/20231803 200th LanePacific4/10/202323ASB0083143/24/20231819 Bel Aire AveGrays Harbor3/20/202323ASB0083153/24/20238535 Viewcrest Lane SEThurston4/28/202323ASB0083163/26/20231388 Park Ave EThurston3/27/202323ASB0083173/27/202340 E Rose PointMason4/17/202323ASB0083183/27/2023830 N Montesano StGrays Harbor4/4/202323ASB0083193/28/20231940 49th StJefferson4/7/202323ASB0083224/3/202313310 W Shelton Matlock RdMason4/29/202323ASB0083234/5/202313310 W Shelton Matlock RdMason4/29/202323ASB008324#########545 Hendricks ST #15 and 32Jefferson4/10/2023	23ASB008309	3/20/2023	413 Lilly Road NE	Thurston	3/31/2023
23ASB008312       3/23/2023       1320 Columbia St       Clallam       4/11/2023         23ASB008313       3/24/2023       1803 200th Lane       Pacific       4/10/2023         23ASB008314       3/24/2023       1819 Bel Aire Ave       Grays Harbor       3/20/2023         23ASB008315       3/24/2023       1835 Viewcrest Lane SE       Thurston       4/28/2023         23ASB008316       3/26/2023       1388 Park Ave E       Thurston       3/27/2023         23ASB008317       3/27/2023       40 E Rose Point       Mason       4/10/2023         23ASB008318       3/27/2023       830 N Montesano St       Grays Harbor       4/40203         23ASB008319       3/28/2023       1930 Westpark Ct NW       Thurston       4/10/2023         23ASB008321       3/29/2023       1940 49th St       Jefferson       4/17/2023         23ASB008322       4/3/2023       121 Colman Dr       Jefferson       5/12/2023         23ASB008323       4/5/2023       13310 W Shelton Matlock Rd       Mason       4/29/2023         23ASB008324       ####################################	23ASB008310	3/23/2023	8103 Hidden Valley Dr SE	Thurston	4/4/2023
23ASB008313       3/24/2023       1803 200th Lane       Pacific       4/10/2023         23ASB008314       3/24/2023       1819 Bel Aire Ave       Grays Harbor       3/20/2023         23ASB008315       3/24/2023       8535 Viewcrest Lane SE       Thurston       4/28/2023         23ASB008316       3/26/2023       1388 Park Ave E       Thurston       3/27/2023         23ASB008317       3/27/2023       40 E Rose Point       Mason       4/10/2023         23ASB008318       3/27/2023       830 N Montesano St       Grays Harbor       4/40203         23ASB008319       3/28/2023       3930 Westpark Ct NW       Thurston       4/10/2023         23ASB008321       3/29/2023       1940 49th St       Jefferson       4/17/2023         23ASB008322       4/3/2023       121 Colman Dr       Jefferson       5/12/2023         23ASB008323       4/5/2023       13310 W Shelton Matlock Rd       Mason       4/29/2023         23ASB008324       #########       545 Hendricks ST #15 and 32       Jefferson       4/10/2023	23ASB008311	3/23/2023	7217 85th Ln SE	Thurston	4/13/2023
23ASB008314       3/24/2023       1819 Bel Aire Ave       Grays Harbor       3/20/2023         23ASB008315       3/24/2023       8535 Viewcrest Lane SE       Thurston       4/28/2023         23ASB008316       3/26/2023       1388 Park Ave E       Thurston       3/27/2023         23ASB008317       3/27/2023       40 E Rose Point       Mason       4/17/2023         23ASB008318       3/27/2023       830 N Montesano St       Grays Harbor       4/4/2023         23ASB008319       3/28/2023       3930 Westpark Ct NW       Thurston       4/10/2023         23ASB008321       3/29/2023       1940 49th St       Jefferson       4/7/2023         23ASB008322       4/3/2023       221 Colman Dr       Jefferson       5/12/2023         23ASB008323       4/5/2023       13310 W Shelton Matlock Rd       Mason       4/29/2023         23ASB008324       ####################################	23ASB008312	3/23/2023	1320 Columbia St	Clallam	4/11/2023
23ASB008315       3/24/2023       8535 Viewcrest Lane SE       Thurston       4/28/2023         23ASB008316       3/26/2023       1388 Park Ave E       Thurston       3/27/2023         23ASB008317       3/27/2023       40 E Rose Point       Mason       4/17/2023         23ASB008318       3/27/2023       830 N Montesano St       Grays Harbor       4/42023         23ASB008319       3/28/2023       3930 Westpark Ct NW       Thurston       4/10/2023         23ASB008321       3/29/2023       1940 49th St       Jefferson       4/7/2023         23ASB008322       4/3/2023       221 Colman Dr       Jefferson       5/12/2023         23ASB008323       4/5/2023       13310 W Shelton Matlock Rd       Mason       4/29/2023         23ASB008324       ####################################	23ASB008313	3/24/2023	1803 200th Lane	Pacific	4/10/2023
23ASB008316       3/26/2023       1388 Park Ave E       Thurston       3/27/2023         23ASB008317       3/27/2023       40 E Rose Point       Mason       4/17/2023         23ASB008318       3/27/2023       830 N Montesano St       Grays Harbor       4/4/2023         23ASB008319       3/28/2023       3930 Westpark Ct NW       Thurston       4/10/2023         23ASB008321       3/29/2023       1940 49th St       Jefferson       4/7/2023         23ASB008322       4/3/2023       221 Colman Dr       Jefferson       5/12/2023         23ASB008323       4/5/2023       13310 W Shelton Matlock Rd       Mason       4/29/2023         23ASB008324       ##########       545 Hendricks ST #15 and 32       Jefferson       4/10/2023	23ASB008314	3/24/2023	1819 Bel Aire Ave	Grays Harbor	3/20/2023
23ASB008317       3/27/2023       40 E Rose Point       Mason       4/17/2023         23ASB008318       3/27/2023       830 N Montesano St       Grays Harbor       4/4/2023         23ASB008319       3/28/2023       3930 Westpark Ct NW       Thurston       4/10/2023         23ASB008321       3/29/2023       1940 49th St       Jefferson       4/7/2023         23ASB008322       4/3/2023       221 Colman Dr       Jefferson       5/12/2023         23ASB008323       4/5/2023       13310 W Shelton Matlock Rd       Mason       4/29/2023         23ASB008324       ##########       545 Hendricks ST #15 and 32       Jefferson       4/10/2023	23ASB008315	3/24/2023	8535 Viewcrest Lane SE	Thurston	4/28/2023
23ASB008318       3/27/2023       830 N Montesano St       Grays Harbor       4/4/2023         23ASB008319       3/28/2023       3930 Westpark Ct NW       Thurston       4/10/2023         23ASB008321       3/29/2023       1940 49th St       Jefferson       4/7/2023         23ASB008322       4/3/2023       221 Colman Dr       Jefferson       5/12/2023         23ASB008323       4/5/2023       13310 W Shelton Matlock Rd       Mason       4/29/2023         23ASB008324       ####################################	23ASB008316	3/26/2023	1388 Park Ave E	Thurston	3/27/2023
23ASB008319       3/28/2023       3930 Westpark Ct NW       Thurston       4/10/2023         23ASB008321       3/29/2023       1940 49th St       Jefferson       4/7/2023         23ASB008322       4/3/2023       221 Colman Dr       Jefferson       5/12/2023         23ASB008323       4/5/2023       13310 W Shelton Matlock Rd       Mason       4/29/2023         23ASB008324       ####################################	23ASB008317	3/27/2023	40 E Rose Point	Mason	4/17/2023
23ASB008321       3/29/2023       1940 49th St       Jefferson       4/7/2023         23ASB008322       4/3/2023       221 Colman Dr       Jefferson       5/12/2023         23ASB008323       4/5/2023       13310 W Shelton Matlock Rd       Mason       4/29/2023         23ASB008324       ####################################	23ASB008318	3/27/2023	830 N Montesano St	Grays Harbor	4/4/2023
23ASB008322       4/3/2023       221 Colman Dr       Jefferson       5/12/2023         23ASB008323       4/5/2023       13310 W Shelton Matlock Rd       Mason       4/29/2023         23ASB008324       ####################################	23ASB008319	3/28/2023	3930 Westpark Ct NW	Thurston	4/10/2023
23ASB008323       4/5/2023       13310 W Shelton Matlock Rd       Mason       4/29/2023         23ASB008324       ############       545 Hendricks ST #15 and 32       Jefferson       4/10/2023	23ASB008321	3/29/2023	1940 49th St	Jefferson	4/7/2023
23ASB008324 ########## 545 Hendricks ST #15 and 32 Jefferson 4/10/2023	23ASB008322	4/3/2023	221 Colman Dr	Jefferson	5/12/2023
	23ASB008323	4/5/2023	13310 W Shelton Matlock Rd	Mason	4/29/2023
23ASB008325 4/6/2023 1610 Prospect Ave NE Thurston 4/17/2023	23ASB008324	#######################################	545 Hendricks ST #15 and 32	Jefferson	4/10/2023
	23ASB008325	4/6/2023	1610 Prospect Ave NE	Thurston	4/17/2023

Thursday, April 6, 2023

Page 2 of 3

Permit #	Rec'd	Site Address	County	<b>Completion Date</b>
23ASB008326	4/6/2023	634 89th Ave SW	Thurston	4/20/2023
23ASB008327	4/6/2023	1409 Laurel	Grays Harbor	4/21/2023
23ASB008328	4/6/2023	776 Rockney Pl	Grays Harbor	4/27/2023
23ASB008329	4/6/2023	545 Hendricks St	Jefferson	4/10/2023

Permit#	Rec'd	Staff	Address	City	Status	Asb Survey	Asb Permit #
23DEM006670	3/3/202	3 BTD	241 Beach Drive	Sequim		✓	ASB
23DEM006671	3/3/202	3	TEST TEST	Greenbank			ASB
23DEM006672	3/3/202	3 BTD	8935 Mullen Road SE	Olympia	DUPLICATE of 23DEM006673.	✓	ASB
23DEM006673	3/3/202	3 BTD	8935 Mullen Road SE	Olympia		✓	ASB
23DEM006674	3/3/202	3 BTD	774 Water St.	Chinook			ASB
23DEM006675	3/3/202	3 BTD	216 West 4th Street	Port Angeles	NO survey.		ASB
23DEM006676	3/6/202	3	21842 Elbow Lake Rd SE	Yelm		✓	ASB
23DEM006677	3/6/202	3 MS	360 Lawrence St	Hoquiam			ASB
23DEM006678	3/7/202	3	345 Sandhagen Rd	Port Angeles		✓	ASB
23DEM006679	3/7/202	3	5826 193rd Ave	Rochester		✓	23ASB008289
23DEM006680	3/7/202	3	5826 193rd Ave	Rochester	CANCEL - DUPLICATE notification.	✓	23ASB008289
23DEM006681	3/7/202	3	5744 Kagy Street SE	Olympia		✓	ASB
23DEM006682	3/7/202	3	8710 58th Avenue SE	Olympia		✓	ASB
23DEM006683	3/7/202	3	8800 58th Avenue SE	Olympia		✓	ASB
23DEM006684	3/8/202	3	223 Karr Ave	Hoquiam		✓	ASB
23DEM006685	3/8/202	3	2436 Cherry Street	Hoquiam		✓	ASB
23DEM006686	3/9/202	3	2805 30th Ave SE	Olympia		✓	ASB
23DEM006687	3/12/202	3	23 Robbins Road	Nordland		✓	ASB
23DEM006688	3/13/202	3	17840 Scatter Ln SW	Rochester		✓	ASB
23DEM006689	3/14/202	3 MS	337 26th St	Port Townsend	Sent an email that explains that OR	✓	ASB
23DEM006690	3/14/202	3	610 E 2nd St	Aberdeen		✓	ASB
23DEM006691	3/15/202	3	4182 E Hwy 106	Union		✓	ASB
23DEM006692	3/15/202	3	4350 E Martin Way	Olympia	Requested survey. BTD 3/16/23		ASB

### Demolition Notifications received between 3/2/2023 and 4/6/2023

Permit#	Rec'd	Staff	Address	City	Status	Asb Survey	Asb Permit #
23DEM006693	3/16/2023		1440 Franklin Rd	Port Townse	end	✓	23ASB008297
23DEM006694	3/16/2023	RTM	2408 Elm Street	Tokeland			23ASB008297
23DEM006695	3/16/2023		same	same			ASB
23DEM006696	3/17/2023	BTD	1381 Calawah Way	Forks		✓	ASB
23DEM006697	3/20/2023	BTD	1511 Wilson St SE	Olympia		✓	ASB
23DEM006698	3/22/2023		971 Tipsoo Loop N	Rainier		✓	ASB
23DEM006699	3/22/2023		2235 NE Sleater Kinney Rd	Olympia		✓	ASB
23DEM006700	3/23/2023		2203 NE Sleater Kinney Rd	Olympia		✓	ASB
23DEM006701	3/23/2023	BTD	839 Ocean Shores Blvd NW	Ocean Shor	res	✓	ASB
23DEM006702	3/23/2023		821 W 12th Street	Port Angele	S	✓	ASB
23DEM006703	3/24/2023		203 W Sprague	Westport		✓	ASB
23DEM006704	3/24/2023	NWS	171 Schoolhouse Rd	Hoodsport		✓	ASB
23DEM006705	3/27/2023		40 E Rose Point	Belfair		✓	23ASB008317
23DEM006706	3/27/2023	BTD	920 Dearborn Ave	Shelton	NEEDS training fire req't form	✓	ASB
23DEM006707	¥###########		test	test		✓	ASB
23DEM006708	¥###########		test address	test		✓	ASB
23DEM006709	3/29/2023		719 E 6th St	Port Angele	S	✓	ASB
23DEM006710	3/29/2023		301 Hagara St.	Aberdeen		✓	ASB
23DEM006711	3/29/2023	MS	2511 Bay Ave	Hoquiam	Out of state asb surveyor -Michael	✓	ASB
23DEM006712	3/30/2023		629 Dureya St	Raymond		✓	ASB
23DEM006713	3/30/2023	NWS	4145 89th Ave SE	Olympia		✓	ASB
23DEM006714	4/3/2023	MS	776 Rockney Pl	Grayland	Asbestos present. No notification o	✓	ASB
23DEM006715	4/3/2023		5609 183rd Ave	Rochester		✓	ASB
23DEM006716	4/4/2023		900 W Cushing	Aberdeen		✓	ASB
23DEM006717	4/5/2023		8273 Flagler Rd	Nordland	Indicated Asb present? Pd for othe	✓	ASB

Permit#	Rec'd	Staff	Address	City Status	Asb Survey Asb Permit #
23DEM006718	4/5/2023	3	151 Howerton Way SE	Ilwaco	ASB
23DEM006719	4/5/2023	3	13310 W Shelton Matlock Rd	Shelton	✓ 23ASB008323



### Current ORCAA Land Clearing Burn Permits

FireDistrict	Expiration	#	Burn Site Address	City
	4/20/2023	5708	Charlie Creek Rd & SR 105	Aberdeen
CFD #3, Sequim	4/20/2023	5707	484 Rhapsody Drive	Sequim
	4/23/2023	5712	945 E Anderson Rd	Sequim
Clallam County Fire District #2	4/16/2023	5702	5751 Doss Rd	Port Angeles
	4/28/2023	5720	987 Simmons Rd	Port Angeles
	4/30/2023	5723	384 Wapiti Way	Port Angeles
	5/6/2023	5731	102 Elwha Bluff Rd	Port Angele
Elma Fire Department	4/7/2023	5690	105 Riding Rd	Oakville
GHFD #12, McCleary	4/6/2023	5688	1605 W Simpson	McCleary
	4/15/2023	5700	51 Church Rd	McCleary
	5/4/2023	5727	17 Larson Rd	McCleary
GHFD #14, Markham/Ocosta/Bay	4/28/2023	5721	34 Plum St	Aberdeen
GHFD #5, Porter/Elma/Satsop	4/7/2023	5689	201 Cloquallum Rd	Elma
	4/22/2023	5710	13 Schouweiler Tracts Rd E	Elma
	4/27/2023	5719	1220 Monte Elma Rd	Elma
	4/30/2023	5666	1 Maplevine Lane	Elma
GHFD #6, Hoquiam	4/20/2023	5704	24 Broadway Hill	Hoquiam
GHFD#3 Wesport	4/26/2023	5715	2459 S Forrest St	Westport
Jefferson County FD 8	4/26/2023	5595	690 Bachelor Rd	Sequim
JFD #4, Brinnon	4/6/2023	5687	Black Point	Brinnon
	4/9/2023	5692	123 Valley View Lane	Brinnon
	5/4/2023	5726	142 Love Rd	Brinnon
Montesano Fire DepartmentDO NOT ISSUE PERMITS	4/16/2023	5703	626 E McBryde	Montesano
Raymond Fire Department	4/19/2023	5706	Parcel#14081721000	Raymond
TFD #1, Rochester	4/23/2023	5711	18820 Roseburg St SW	Rochester
TFD #11, Littlerock	4/12/2023	5697	13424 Littlerock Rd SW	Olympia
	4/16/2023	5701	11424 Case Ext Rd SW	Olympia
	4/23/2023	5713	8808 Littlerock Rd SW	Olympia
	5/5/2023	5730	237 Wright Rd	Tenino
	5/5/2023	5728	5735 Maytown Rd SW	Olympia
TFD #12, Tenino	4/7/2023	5691	14411 Reeder Rd SW	Tenino
	4/26/2023	5714	13443 Tilley Rd S	Tenino
TFD #16, Gibson Valley	4/21/2023	5709	2136 West 8th St	Bucoda
TFD #17, Bald Hills	4/26/2023	5716	14611 Mountain Vista Dr SE	Yelm
Thursday, April 6, 2023				Page 1

Thursday, April 6, 2023

FireDistrict	Expiration	#	Burn Site Address	City
TFD #2, Yelm	4/9/2023	5694	15209 Frenchie Ln SE	Yelm
TFD #4, Rainier	5/4/2023	5725	12849 123rd Ave SE	Rainier
TFD #5, Black Lake	4/12/2023	5698	10619 Jones Rd SW	Olympia
TFD #6, East Olympia	4/9/2023	5693	5915 Waldrick Rd SE	Tenino
	4/13/2023	5699	9141 Latigo Street SE	Olympia
	4/26/2023	5705	9008 80th Lane SE	Olympia
TFD #8, South Bay	4/12/2023	5696	7927 Johnson Point Rd NE	Olympia
	4/26/2023	5717	2739 81St Ave NE	Olympia
	4/29/2023	5722	5102 Coppermill Ct NE	Olympia

#### Complaint Report for period from 3/2/2023 to 4/6/2023

Date	Source	City	Rec'd	Formal (	Online	Smoke	Odor	Open Fire	Dust	Wood- stove	Asbestos/ Demo	Marijuana	Other
County:													
03/02/2023	blank												
03/18/2023	Antone V Matkovich	Central Park	MS										Possible Land Clearing Burn
03/28/2023	tbd				✓								LCB
<b>County:</b>	Clallam												
03/10/2023	Joan Dailey - Jodi	Sequim	MS					✓					
03/13/2023	Finishing Touch Landscape - Jeff Ledgerwood	Port Angeles	MS			✓		✓					
03/14/2023	Mel Johnson	Port Angeles	MS			✓	✓	$\checkmark$					
03/16/2023	Brandon Hergert	Port Angeles	JW		✓		✓						Possibly unregistered
03/17/2023	Finishing Touch Landscape - Jeff Ledgerwood	Port Angeles	MS			✓		✓					unegistered
03/20/2023	Clarence M Bozarth	Sequim	JW		✓	✓		✓					
03/20/2023	grow facility	Port Angeles	JW		✓							$\checkmark$	
03/22/2023	Finishing Touch Landscape - Jeff Ledgerwood	Port Angeles	MS			✓		✓					
03/27/2023	Finishing Touch Landscape - Jeff Ledgerwood	Port Angeles	MS		✓	✓		✓					
03/28/2023	Finishing Touch Landscape - Jeff Ledgerwood	Port Angeles	MS			✓		✓					
03/29/2023	Joan Dailey - Jodi	Sequim	MS			✓							
03/31/2023	Finishing Touch Landscape - Jeff Ledgerwood	Port Angeles	MS		✓	✓							
<b>County:</b>	Grays Harbor												
03/07/2023	Rex Peterson	MONTESANO	JW			✓							
03/08/2023	Slyvia Ridge Developers LLC - Doug Truax	MONTESANO	MS					✓					
03/08/2023	William Nelson	Cosmopolis	DAN				✓						

Date	Source	City	Rec'd	Formal C	Online	Smoke	Odor	Open Fire	Dust	Wood- stove	Asbestos/ Demo	Marijuana	Other
03/09/2023	FARRAR SHALEE L & KENTON	Elma	RDW										Potential Burn Pile with prohibitive items in it
03/13/2023	Julia Shofner	Elma	RTM					✓					
03/13/2023	Larry and Stacy Birindelli	McCleary	MS			✓		✓					
03/19/2023	Ocean Shores LLC	Ocean Shores	MS								✓		
03/20/2023	Karen Sherwin	MONTESANO	NWS			✓		✓					
03/20/2023	Brogan Companies	McCleary	JW		✓	✓							
03/23/2023	John Charles William LLC	Pacific Beach	MS								✓		
03/25/2023	Richard Watson	Hoquiam	JW		✓	✓	✓	✓			✓		
<b>County:</b>	Mason												
03/17/2023	Garry and Carrie McNamara	Hoodsport	MS			✓				✓			
03/20/2023	YI, SUZY HYE	BELFAIR	RTM		✓	✓		✓					
<b>County:</b>	Pacific												
03/15/2023	Walter Welter	Ocean Park	JW		✓	✓	✓	<b>V</b>					Illegal Burning. Burning plastic and other garbage.
03/24/2023	Devin Barboza	Long Beach	BTD					✓			✓		3
04/06/2023	Elizabeth Ginther	Raymond	RTM			✓	✓	✓					
<b>County:</b>	Thurston												
03/02/2023	DELAO, ROBERTO A & SONIA E	Olympia	RDW			✓		✓					
03/02/2023	WEST, GAIL C	Yelm	JW		✓	✓	✓						
03/02/2023	WEST, GAIL C	Yelm	JW		✓	✓	✓	✓					
03/03/2023	JASON GENE FOSTER SPECIAL NEEDS TRUST	Centralia	RTM				✓						
03/03/2023	Deschutes River Construction	Olympia	JW		✓	✓		✓					
03/03/2023	WEST, GAIL C	Yelm	JW		✓	✓	✓	✓					
03/03/2023	PATE, DANIEL M	Lacey	JW		✓	✓	✓			✓			
03/04/2023	JASON GENE FOSTER SPECIAL NEEDS TRUST	Centralia	JW		✓		✓						
03/05/2023	HARRIS, MICHAEL	Olympia	JW		✓	✓	✓	✓					
03/05/2023	Martin Emmick	Olympia	JW		✓	✓	✓	✓					
03/06/2023	WEST, GAIL C	Yelm	JW		✓	✓	✓	✓					

Date	Source	City	Rec'd	Formal	Online	Smoke	Odor	Open Fire	Dust	Wood- stove	Asbestos/ Demo	Marijuana	Other
03/07/2023	Homeless Camp-Jungle	Olympia	JW			✓	✓	✓					
03/07/2023	WRL LLC	Tenino	RDW			✓		✓					
03/08/2023	Kathleen Pace	Olympia	JW		✓			✓					
03/08/2023	Gail West	Yelm	JW		✓	✓	✓	✓					
03/08/2023	Gail West	Yelm	JW		✓	✓	✓	✓					
03/09/2023	Calvin Gibson	Yelm	MS			✓		✓					
03/09/2023	Gail West	Yelm	JW		✓	✓	✓	✓					Burning
													garbage/ car/ construction materials
03/10/2023	BURTON, JAYSON D & CHRISTEL A	Olympia	RDW			✓							
03/10/2023	JASON GENE FOSTER SPECIAL NEEDS TRUST	Centralia	RDW				✓						
03/10/2023	SHUE, BRANDON	Olympia	RDW			✓							
03/10/2023	2128 93rd Ave SE, Olympia, WA 98501	Olympia				<ul> <li>✓</li> </ul>	<ul> <li>Image: A start of the start of</li></ul>	<ul><li>✓</li></ul>					
03/10/2023	Roger and Beverly McKown	Olympia				✓	✓	✓					
03/10/2023	Roger and Beverly McKown	Olympia			✓	✓	✓	✓					
03/10/2023	Jeff Roosa	Olympia	JW		✓	✓	✓	✓					
03/10/2023	JAMES, STEPHEN	Olympia	JW		✓	✓							
03/11/2023	Hicks, Anthony & Stephanie	Olympia	JW			✓							
03/11/2023	Paul Keller	Yelm	JW			✓		✓					
03/11/2023	Gail West	Yelm	JW				✓	V					Garbage/ toxic smell burning. Garbage/constru ction material/car material burning.
03/12/2023	Behind the house across the street. Wood and other	Olympia			✓	✓		✓					
03/12/2023	Ruthanne and Dwyane Moncrief	Olympia	JW		✓	✓				✓			
03/12/2023	Gail West	Yelm	JW		✓	✓	✓	✓		✓			Garbage burning
03/13/2023	Timothy & Kathleen Mcaferty	Olympia	JW		✓	✓	✓	✓					
03/14/2023	JASON GENE FOSTER SPECIAL NEEDS TRUST	Centralia	JW				✓						
03/14/2023	Roy M Krevey	Olympia	RTM			✓	✓	✓					
03/14/2023	Hicks, Anthony & Stephanie	Olympia	JW		✓	✓		✓					

Thursday, April 6, 2023

Date	Source	City	Rec'd	Formal	Online	Smoke	Odor	Open Fire	Dust	Wood- stove	Asbestos/ Demo	Marijuana	Other
03/14/2023	Hicks, Anthony & Stephanie	Olympia	JW		✓	✓							
03/14/2023	Unknown	Lacey	JW		✓	✓	✓	✓					
03/14/2023	CHAU, LOAN THI & LE, HAO P	Olympia	JW		✓	✓		✓					
03/16/2023	GIBSON, CALVIN D	Yelm	RDW				✓	✓					
03/16/2023	Resident	Lacey	JW		✓	✓	✓	✓					Ash
03/17/2023	Susan Taylor	Olympia	JW			✓				✓			
03/17/2023	TBD	Olympia	JW			✓							
03/17/2023	Gail West	Yelm	JW		✓		✓						Toxic/chemical smell off of burn
03/17/2023	JAMES, STEPHEN	Olympia	JW		✓	✓		✓					
03/17/2023	TBD	Rainier	JW		✓			✓					
03/17/2023	Delphi Golf Course Area	Olympia	JW		✓	✓	✓						
03/18/2023	Gail West	Yelm	JW		✓	✓	✓	✓					Garbage/ toxic smell
03/18/2023	Gail West	Yelm	JW		✓	✓	✓	✓					Toxic/ garbage burn
03/19/2023	Gail West	Yelm	JW		✓	✓	✓	✓					Garbage/ toxic/ firework smell
03/20/2023	ARVIN & CHERRY CULLA	Olympia	JW			✓							
03/20/2023	ENRIQUEZ, ROMMEL	Olympia	RDW			✓							
03/20/2023	Jeff Roosa	Olympia	JW										Cause of Inaction
03/20/2023	Jeff Roosa	Olympia	JW	✓			✓						Complaint
03/20/2023	Jeff Roosa	Olympia	JW	✓		✓		✓					
03/20/2023	SANDSTROM, PATRICIA JEAN	Olympia	RDW			✓	✓	✓					
03/20/2023	ESPARZA, MATTHEW A & TONI LEE	Yelm	JW		✓	✓	✓	✓					
03/20/2023		Yelm	JW		✓	✓	✓	✓					Garbage/ septic, sewage/ toxic burn
03/20/2023	Jeff Roosa	Olympia	JW		✓	✓	✓	✓			✓		bain
03/20/2023	Jeff Roosa	Olympia	JW		✓	✓	✓						
03/21/2023	Chalis Dotson, Cody Lee Landin, Rose Shepherd	Yelm	RTM			✓	✓	✓					
03/21/2023	JASON GENE FOSTER SPECIAL NEEDS TRUST	Centralia	JW				✓						

Date	Source	City	Rec'd	Formal (	Online	Smoke	Odor	Open Fire	Dust	Wood- stove	Asbestos/ Demo	' Marijuana	Other
03/21/2023	JASON GENE FOSTER SPECIAL NEEDS TRUST	Centralia	JW				✓						
03/21/2023	JASON GENE FOSTER SPECIAL NEEDS TRUST	Centralia	JW				✓						
03/21/2023	LINK, HARRY P	Olympia	RDW			✓		✓					
03/22/2023	JASON GENE FOSTER SPECIAL NEEDS TRUST	Centralia	JW				✓						
03/22/2023	Lester Johnson and/or Jeffrey Johnson	Olympia	JW		✓	✓		✓					
03/23/2023	Randall Guinn	Olympia	JW		✓	✓	✓	✓	✓	✓			Garbage
03/23/2023	RICHARD MCKINNON & CAROLYN CUMMINS	Olympia	JW		✓	✓				✓			
03/25/2023	Gail West	Yelm	JW		✓	✓	✓						Garbage material fire. Toxic/ Garbage
03/26/2023	Tamarack LLC 1	Rochester	JW					✓					burning Trash burning
03/26/2023	Gail West	Yelm	JW					V					Burning garbage and non burned items. Toxic and hazardous waste being
03/26/2023	Gail West	Yelm	JW		✓	✓	✓	✓					burned Toxic and harmful
03/26/2023	Unknown	Yelm	JW		✓	✓	✓	<					substances
03/27/2023	Carol J White	Yelm	RTM			✓	✓	✓					
03/27/2023	Marion Farinacci	Olympia	MS			✓							
03/28/2023	WALLS JR, BLAINE S	Olympia	JW		✓	✓	✓	✓					
03/29/2023	JASON GENE FOSTER SPECIAL NEEDS TRUST	Centralia	RTM		✓		✓						
03/29/2023	Sunrise Landscaping	Olympia	MS			✓		✓					
03/29/2023	Arthur W Horner JR	Olympia	JW		✓	✓	✓	✓					
03/29/2023	JASON GENE FOSTER SPECIAL NEEDS TRUST	Centralia	JW		✓		✓						
03/29/2023	JASON GENE FOSTER SPECIAL NEEDS TRUST	Centralia	JW		✓		✓						
03/30/2023	Mervin Smith General Contractor, LLC- Jamie Smith	Olympia	MS			✓		✓					

Thursday, April 6, 2023

Date	Source	City	Rec'd	Formal O	nline	Smoke	Odor	Open Fire	Dust	Wood- stove	Asbestos/ Demo	Marijuana	Other
03/30/2023	JASON GENE FOSTER SPECIAL NEEDS TRUST	Centralia	JW		✓		✓						
03/31/2023	Mervin Smith General Contractor, LLC- Jamie Smith	Olympia	MS			✓		✓					
03/31/2023	Mervin Smith General Contractor, LLC- Jamie Smith	Olympia	MS			✓		✓					
03/31/2023	WEST, GAIL C	Yelm	JW		✓	✓	✓	✓					
04/01/2023	ERICKSON LOGGING AND CONSTRUCTION	Olympia			✓			✓					
04/01/2023	Gail West	Yelm	JW		✓	✓	✓	✓					
04/01/2023	Gail West	Yelm	JW		✓	✓	✓	$\checkmark$					Burning in a non safe environment
04/01/2023	Smoke from land clearing fire	Olympia			✓	✓		✓					
04/01/2023	Jerry Foster	Centralia	JW		✓		✓						
04/01/2023	John Pemberton & Tina Ballestrino	Lacey	JW		✓	✓	✓	✓					
04/01/2023	Unknown	Olympia	JW		✓	✓	✓	✓					
04/04/2023	Andrew Bowerly & Kristin Robinson	Olympia	RTM			✓	✓	✓					
04/04/2023	Dale-Lynn & Randy Wallway	Rainier	RTM			✓	✓	✓					
04/04/2023	Maxine Hemphill	Rochester	JW		✓	✓	✓	✓					Horrible plastic and electrical
04/05/2023	BROOME, RYAN & SOREN	Lacey	DAN			✓							smells
04/05/2023	Rachel C Morriss	Olympia	RTM		✓								
04/05/2023	The Jungle	Olympia	JW		✓	<ul> <li>✓</li> </ul>	✓						
04/05/2023	Unknown	Lacey	JW	$\square$	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>						
0-1/00/2020		Luccy	0 • •										

### NOV Monthly Report

For the period 3/2/2023 to 4/6/2023

NOV #	Name	County	Regulation(s)		NOV Issued	Total Due	Date Paid
4217	SEAVIEW TEXACO	PACIFIC	Rule 3.1(d)	Failure to pay Annual Registration fees	11/02/2021	\$750.00	3/6/2023
4317	MARLEY, STEVEN	MASON	Rule 6.3.2(b)	Demo without AHERA survey	10/26/2022	\$500.00	3/17/2023
	REVOCABLE TRUST		Rule 6.3.4(a)	asbestos/demo work withe notification/fee			
4323	ANDERSON, DANERICO		Rule 6.2.5(c)	Person must be in attendance of fire	11/15/2022	\$1,119.00	
	М		Rule 6.2.8(c)(4)	Land clearing burn permit			
4332	SALZER	THURSTON	Rule 6.2.4	Summer Burn Ban	11/07/2022	\$5,000.00	
			Rule 6.2.5(a)	Burning Prohibitives			
4333	AGATE STORE	MASON	Rule 3.1(d)	Failure to pay Annual Registration fees	11/15/2022	\$500.00	3/2/2023
4377	TACC	THURSTON	Rule 3.1(d)	Failure to pay Annual Registration fees	12/02/2022	\$500.00	
4383	EMMICK	THURSTON	Rule 6.2.5(a)	Burning Prohibitives	01/05/2023	\$500.00	
4389	BOULEVARD GAS & MINI MART	THURSTON	Rule 6.1.8	Conditions in Approval Orders Enforceable	01/05/2023	\$3,500.00	
4392	GOLDY	GRAYS HARBOR	Rule 6.2.8(c)(4)	Land clearing burn permit	12/16/2022	\$250.00	
4393	MARCY LUNSFORD AND DAVID SHEETS	THURSTON	Rule 6.2.8(c)(4)	Land clearing burn permit	11/16/2022	\$1,000.00	
4394	J.M. KNELLEKEN COMPANY, INC	THURSTON	Rule 6.3.4(a)	asbestos/demo work with notification/fee	12/28/2022	\$375.00	
4398	DOMINIC, GAIL, &	THURSTON	Rule 6.2.5(e)	Use of Burn Barrel	01/23/2023	\$1,000.00	
	TAYLOR RIVAS		Rule 6.2.5(a)	Burning Prohibitives			
4399	WILSON OIL INC	THURSTON	Rule 8.12.4(b)	Testing Requirements for GDF	01/17/2023	\$500.00	4/5/2023
4400	WEST	CLALLAM	Rule 6.2.8(c)(4)	Land clearing burn permit	01/17/2023	\$250.00	
4401	DENTCENTER USA	THURSTON	Rule 6.1(a)	Failure to have an Approv Notice of Construction	01/23/2023	\$500.00	
4402	FUELTRAC LLC	GRAYS HARBOR	Rule 3.1(d)	Failure to pay Annual Registration fees	01/23/2023	\$500.00	

NOV #	Name	County	Regulation(s)		NOV Issued	Total Due	Date Paid
4403	GOLDINOV	PACIFIC	Rule 6.3.10(a)	Disposal of Asbestos	02/01/2023	\$1,500.00	
			Rule 6.3.3(a)(2)	asbestos emissions during collection, processing, etc			
			Rule 6.3.8(a)	Asbestos Removal Prior to Renovation/Demolition			
			Rule 6.3.9(b)(1)	Asbestos Work Practices - Controlled Area			
			Rule 6.3.9(b)(10)	Asbestos Work Practices - Disturbance			
			Rule 6.3.9(b)(3)	Asbestos Work Practices - Wetting ACM			
			Rule 6.3.6(a)	Asbestos Amendments			
			Rule 6.3.9(b)(6)	asbestos handling			
4404	GOLDINOV	PACIFIC	Rule 6.3.4(c)	asbestos/demo Notificatio Period	02/01/2023	\$750.00	
4412	DELAO		Rule 6.2.5(a)	Burning Prohibitives	03/02/2023		
			Rule 6.2.5(c)	Person must be in attendance of fire			
			Rule 6.2.8(c)(4)	Land clearing burn permit			
4413	GOLDINOV	PACIFIC	Rule 6.3.3(a)(2)	asbestos emissions during collection, processing, etc			
			Rule 6.3.9(b)(10)	Asbestos Work Practices - Disturbance			
					Total:	\$37,113.00	

#### **Explanation of Compliance Reports**

Common to all of these reports is the choice of "city" as the mailing address for the activity.

#### **Inspections Completed**

This report lists the initials \* of the ORCAA inspector (or engineer), the date the inspection was achieved, the ORCAA file number, business name, and the nearest city for their location.

RTM – Robert Moody, Compliance Manager MS – Mike Shults, Compliance Supervisor RDW – Robert Wyland, Air Quality Specialist II NWS – Nancy Wood Siglin, Air Quality Specialist II BTD – Bryson Downs, Air Quality Specialist I MVG – Mark Goodin, Engineering Manager JAD – Jennifer DeMay, Engineering Supervisor AM – Aaron Manley, Engineer II LEW – Lauren Whybrew, Engineer I

The 'Inspection Type" column is a record of how the inspection was accomplished, or the purpose of the inspection.

- **Full Compliance Evaluation** is selected when a complete on on-site inspection was achieved. This indicates there was a facility walk-through, equipment was checked, and records were reviewed.
- **Partial Compliance Evaluation** is selected with an on- or off-site inspection was conducted that was not comprehensive (i.e. records review only). Many partial inspections can add up to a full inspection. This has been used more frequently since COVID.
- Investigation is an on- or off-site examination of a specific parameter or issue.
- **Source Test** is chosen when ORCAA is on-site to observe independent test companies as they audit a buisiness' emissions.
- **Driveby** is documentation that we have been to the business but did not enter the property. This code is used for following up on complaints (when no action is necessary) or checking up on businesses that have been problematic.

#### **Asbestos Permit Status Report**

The "**Rec'd**" is the date the permit was received at ORCAA. The "**Site address**" and "**County**" is the where the project is to occur. The "**Completion Date**" is proposed by the applicant stating when the project should be completed.

#### **Demolition Notifications Report**

Similar to the asbestos report, however because these notifications are good for an entire year, the list is long.

Additional headings, different from the Asbestos Report include: The "**Staff**" indicates which staff person The "Address" and "City" is the where the project is to occur.

The "**Status**" includes comments from staff handling the notification. The comments allow any inspector to follow up on any permit.

The "**Asb Survey**" is a checkbox indicating whether ORCAA received an asbestos survey prior to the demolition.

The "Asb Permit #" coincides with an asbestos project in our system for the same address.

#### **Current ORCAA Land Clearing Burn Permit**

This report contains active permits.

The "FireDistrict#" is the district in which the burn will take place. The "Expiration" is the final date the permit is valid. The "#" is the permit number assigned by ORCAA. "Burn Site Address" and "City" is the location of the burn.

#### **Complaint Report**

These are alleged violations of air quality regulations. Not all have been investigated on-site by an ORCAA inspector.

The "Source" references the alleged polluter, whether a business or individual

The "City" is the where the alleged violation occurred

The "**Formal**" checkbox is used to denote when a Formal Complaint has been received from the complainant. A Formal Complaint is a form that documents what occurred and is signed by the complainant and notarized. It includes details such as time of day, date, health impacts, and authorization to release the complainants name during the investigation.

The "**Online**" checkbox is used to document complaints that have been submitted via email. The check boxes for **smoke**, **odor**, **open fire**, **dust**, **woodstove**, **asbestos/demo**, **marijuana**, and **other** are used to characterize the nature of the complaint.

#### **NOV Monthly Report**

This is a list of Notices of Violation (NOV) that had action during the reporting period. Action items may include the issuance of the NOV, issuance of the penalty amount (by law we must wait at least 30 days from the issuance of an NOV to assess a penalty) or show a penalty has been paid.

#### Industrial / Commercial Air Permits

Pending and Final Permits for period from 03/02/2023 to 04/06/2023

Facility_Name	City	Туре	NOC_No	Facility Category	Description	Eng	Application Received	Status	Date of Status Update
CITY OF HOQUIAM- LINCOLN STREET	HOQUIAM	NOC	22NOC1567	Government	Install a 755 HP diesel emergency engine to provide power to storm and sewer pumps during power failure events. Expected emissions from the emergency engine include NOx, SOx, CO, VOC, PM, TAP & HAP.	AM	6/21/2022	final permit delivered	3/17/2023
ALTA FOREST PRODUCTS	SHELTON	NOC	23NOC1587	Wood Products	install stain coater with preheating	AM	3/14/2023	draft pending source review	3/31/2023
CITY OF LACEY - MILBANKE	OLYMPIA	NOC	22NOC1572	Government	Install a 755 BHP diesel-fired emergency engine. Expected emissions include PM, NOx, CO, TAP, VOC, HAP, and SO2.	LEW	8/3/2022	draft in progress	3/31/2023
CROWN CORK & SEAL CO INC	OLYMPIA	AOP	20AOP1446	Manufacturing	renew 15AOP1129	JAD	6/11/2020	draft in progress	2/3/2022
CUSTOM FIBERGLASS	ABERDEEN	NOC	20NOC1424	Automotive Services		AM	8/24/2020	on hold - waiting on another agency	4/27/2021
DENTCENTER LLC	OLYMPIA	NOC	23NOC1584	Automotive Services	after-the-fact paint booth	AM	2/2/2023	draft pending source review	2/23/2023

Facility_Name	City	Туре	NOC_No	Facility Category	Description	Eng	Application Received	Status	Date of Status Update
FORKS COMMUNITY HOSPITAL	FORKS	NOC	22NOC1577	Medical Facility	Replacement of (2) 4 MMbtu/hr diesel- fired boilers. Emissions are not expected to increase, but include NOx, CO, PM, SO2, HAP and TAP.	LEW	10/12/2022	hand off for final signatures	3/28/2023
GRAYS HARBOR COMMUNITY HOSPITAL	ABERDEEN	NOC	23NOC1589	Medical Facility	after-the-fact approval for natural gas fired boiler and two emergency engines.	AM	3/8/2023	draft in progress	4/3/2023
GRAYS HARBOR ENERGY LLC	ELMA	REV	22REV1558	Energy Production		MVG	4/13/2022	draft in progress	12/29/2022
INTERFOR US INC - PORT ANGELES DIVISION	PORT ANGELES	AOP	22AOP1556	Wood Products	obtain an initial Title V Air Operating Permit	LEW	3/2/2022	draft in progress	12/2/2022
McKINLEY PAPER COMPANY	PORT ANGELES	NOC	22NOC1581	Printing/Paper Products	Adding a Powdered Activated Carbon injection system for additional mercury control on Boiler #11	MVG	12/13/2022	completeness determination pending	12/29/2022
MOUNTAIN STONE AGGREGATE	TENINO	NOC	21NOC1478	Sand and Gravel	Establish a new rock crushing plant	LEW	2/10/2021	draft pending source review	3/19/2021
MOUNTAIN STONE AGGREGATE	TENINO	NOC	21NOC1478	Sand and Gravel	Establish a new rock crushing plant	LEW	2/10/2021	waiting on SEPA	3/19/2021

Facility_Name	City	Туре	NOC_No	Facility Category	Description	Eng	Application Received	Status	Date of Status Update
MURPHY COMPANY	ELMA	SMO	21SM01496	Wood Products	Establish enforceable limits to ensure potential to emit for VOC remains below Title V thresholds.	LEW	4/14/2021	draft pending internal review	5/24/2022
PANELTECH	HOQUIAM	NOI	23NOI1590	Printing/Paper Products	Store polyvinyl acetate (PVAc) in an existing tank.	JAD	3/7/2023	draft in progress	3/29/2023
PANELTECH	HOQUIAM	AOP	20AOP1437	Printing/Paper Products	renew AOP 11AOP864	JAD	4/2/2020	draft in progress	3/3/2023
PEPSI NORTHWEST BEVERAGES LLC	TUMWATE R	NOC	23NOC1585	Food Processing	Increase the permitted emissions limit for isopropyl alcohol, a regulated toxic air pollutant. No other emissions are expected to increase as a result of this proposal.	LEW	2/6/2023	hand off for final signatures	4/3/2023
PETERSENS AUTOMOTIVE	PORT ANGELES	NOC	21NOC1506	Automotive Services	install paint booth	AM	7/9/2021	on hold - waiting on another agency	11/3/2022
SAFEWAY - YELM #1619	YELM	NOC	23NOC1592	Gasoline Distribution	Remove Stage II vapor recovery.	LEW	3/23/2023	draft pending internal review	4/3/2023
STABI-CRAFT MARINE USA INC	PORT ANGELES	NOC	23NOC1586	Fiberglass/Mari ne Services	Establish a spray coating operation to coat aluminum hulls. Emissions will be controlled by two spray booths previously permitted with ORCAA.	AM	2/16/2023	hand off for final signatures	4/5/2023

Facility_Name	City	Туре	NOC_No	Facility Category	Description	Eng	Application Received	Status	Date of Status Update
TAYLOR SHELLFISH FARMS	QUILCENE	NOC	23NOC1591	Food Processing	Install a 685 horsepower emergency engine. Expected increases in emissions include NOx, PM, SO2,VOC, CO and TAP/HAP.	LEW		incomplete application - waiting on data response	4/3/2023
WASHINGTON STATE HEALTH CARE AUTHORITY	Olympia	NOC	21NOC1523	Government	for after the fact emergency generator	AM	8/24/2021	on hold - per source	12/29/2022
WEYERHAEUSER NR RAYMOND LUMBERMILL	RAYMOND	NOC	21NOC1521	Wood Products	install two identical spray-dryer mold inhibitor systems to apply coatings to green lumber.	AM	8/16/2021	on hold - per source	1/31/2022
WINDFALL ARCHITECTUAL	TUMWATE R	NOC	22NOC1578	Wood Products		AM	12/13/2022	draft pending source review	3/3/2023

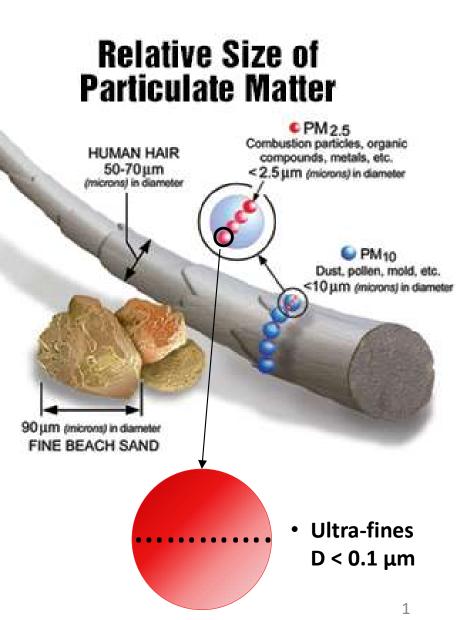


# March 2023 Air Monitoring Report

Odelle Hadley, PhD

## Air Quality 101 – Particulate Matter

- Washington primarily monitors PM2.5 and ozone (gas)
  - PM2.5: airborne particles with diameters less than 2.5 micrometers (μm)
  - PM10 was the historic measure of particulate matter (D < 10  $\mu$ m)
  - Total suspended particulate matter (TSP): particles small enough to remain suspended in the air
- Current national ambient air quality standards (NAAQS)
  - Annual average cannot exceed 12 micrograms per meter cubed(µg m<sup>-3</sup>)
    - Currently under review
  - The 7<sup>th</sup> highest daily average cannot exceed 35  $\mu$ g m<sup>-3</sup> for 3 years running



# **ORCAA's air monitoring network**

- Data are used to:
  - Evaluate compliance with National Ambient Air Quality Standards (NAAQS)
  - Provide current air quality conditions to the public
  - Issue regional burn bans
- One permanent PM2.5 air monitor station in each of ORCAA's 6 counties
  - Located in populated areas
  - Not too close to any one air pollution source
  - The Makah and Quinault tribes operate their own air monitoring stations
- Cheeka Peak is a federally funded site and is part of the national NCORE network (ORCAA after 2011 and run by UW 1984 – 2011)
- One ozone monitor in Thurston County (more info at the May meeting)

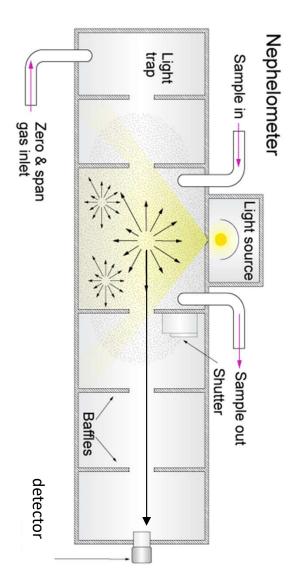
## How do we measure PM2.5?

- FRM (Federal Reference Method)
- Pull air through an inlet and collect particles on a filter
  - Inlet allows particles smaller than 2.5 µm to pass through to the filter
  - Measures flow rate, and therefore volume of air sampled
  - Filters are weighed, providing a mass of particles per volume of air (μg m<sup>-3</sup>)
- This direct measurement is the gold standard
- Provides a 24-hour average PM2.5 concentration
  - Takes weeks to get the data

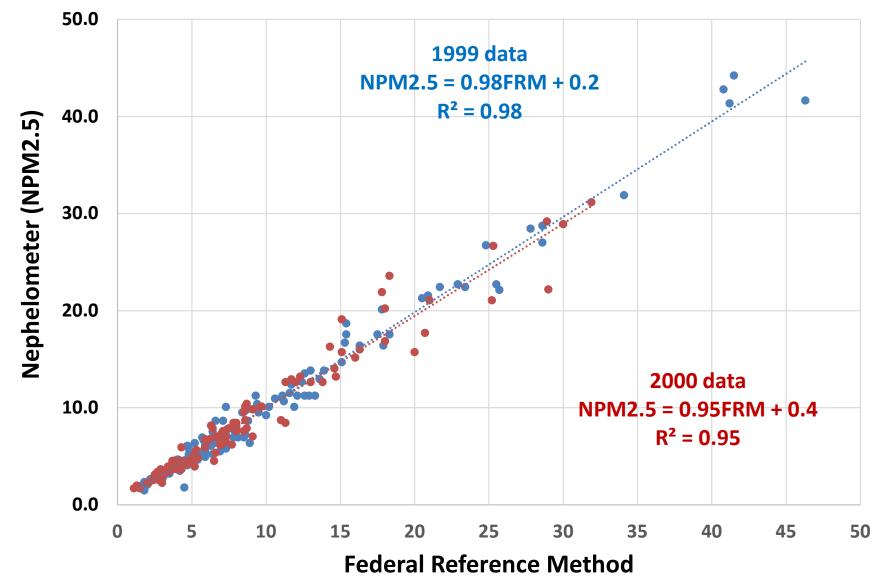


# Light scattering techniques

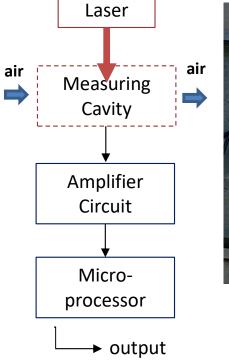
- Small particles scatter light
  - Think of all the glittery particles when the sun shines through a window
- Nephelometer detector converts the light scatter signal to estimated PM2.5
  - Cons: Not a direct measurement; different particle types cause different scattering signal; higher uncertainties
  - Pros: Provides high-resolution, real-time data; relatively affordable; easy maintenance and quality control procedures
- Nephelometers produce hourly data
  - Data are available in near real-time

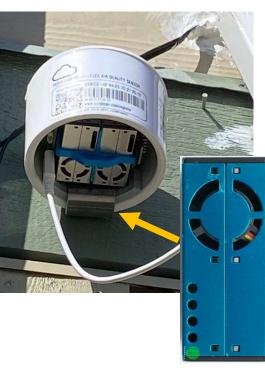


# Light scatter vs. Federal Reference Method (FRM)

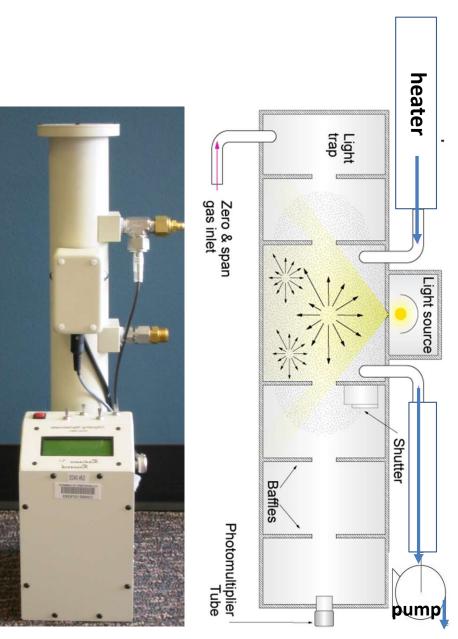


## **Purple Air Sensor vs. Nephelometer**

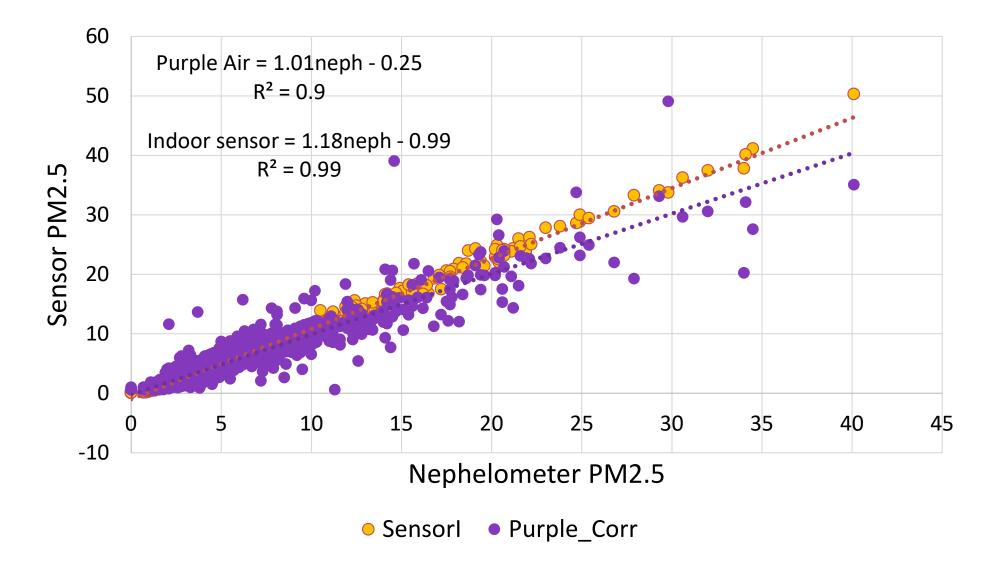




- Sensor does not dry the air
  - Humidity may affect data quality
- Can't verify data accuracy
  - Purple Air uses two sensors to minimize error
- Data need to be corrected
  - Many data correction algorithms are available



## **Purple Air Sensor vs. Nephelometer**



Sensorl is similar to the Purple Air and measures the outflow from the nephelometer

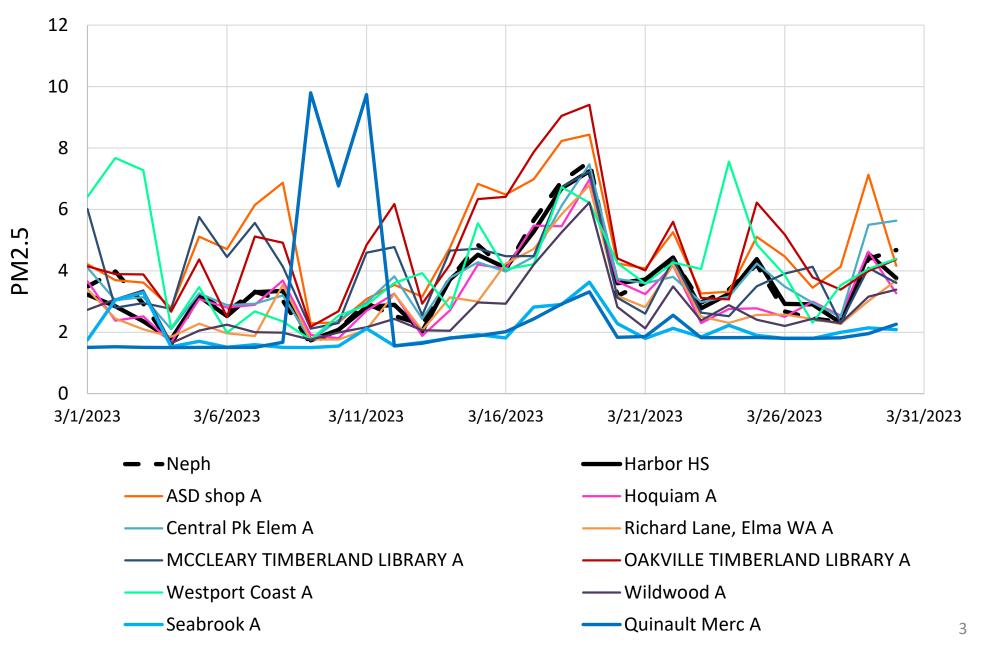
### March 2023 Air Quality Summary – PM2.5

			Maximum	# of days in AQ category				
	Minimum	Average		G O O D	M O D	U S G	U H	VU H
Aberdeen	1.5 μg m <sup>-3</sup>	3.4 μg m <sup>-3</sup>	7.5 μg m <sup>-3</sup>	31				
Cheeka Peak	0.6 µg m⁻³	1.6 μg m <sup>-3</sup>	4.6 μg m <sup>-3</sup>	31				
Lacey	1 μg m <sup>-3</sup>	3.2 μg m <sup>-3</sup>	9.2 μg m <sup>-3</sup>	31				
Port Angeles	3.9 µg m⁻³	6.6 μg m <sup>-3</sup>	11.9 μg m <sup>-3</sup>	31				
Port Townsend <sup>1</sup>	2.5 μg m <sup>-3</sup>	3.7 μg m⁻³	7.8 μg m⁻³	27				
Shelton <sup>2</sup>	1.1 μg m <sup>-3</sup>	3.9 μg m <sup>-3</sup>	9.1 µg m⁻³	29				
Raymond <sup>3</sup>								

- 1) Pump malfunctioned
- 2) Datalogger license key failed after a power outage

3) New "modern" modem does not communicate with 1980s datalogger

### Grays Harbor Saturation Study Daily averages, March 2023



### **Other Monitoring News**

- Rob returned Port Townsend to fix sample flow issues
- Rob did the quarterly QC at the Aberdeen site
- Odelle did the quarterly QC at the Shelton site
- Odelle site visit to Lacey to audit and maintain the BAM 1022
- Released RFP for site improvement work
  - Received 1 excellent bid from A-Action Group
  - Called references and offered contract
- Historic data maintenance: creating missing electronic data files from hard copies of 2003 data
- Working on Shelton Saturation Study report
  - Processing historical data
- Installed a Purple Air sensor at the ORCAA office

### Contact

# Odelle Hadley, Ph.D., Senior Monitoring Specialist 360-539-7610 x105

odelle.hadley@orcaa.org

https://www.orcaa.org