

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

Regular Meeting

January 13, 2021
10:00 am

Be courteous – Please silence all cell phones

1. CALL TO ORDER

1. Welcome new members and Introductions

2. APPROVAL OF AGENDA *(action item)*
(Ask for any corrections, additions/omissions)

3. CHAIR REPORT

1. Finance Committee Report

4. PUBLIC COMMENT

5. CONSENT AGENDA *(action item)*

1. Minutes of Regular Meeting, December 9, 2020
2. Expenditures and Disbursements – December 4, 2020 – January 7, 2021

6. NEW BUSINESS

1. Title V (AOP) Funding discussion

7. DIRECTOR'S REPORT

1. Compliance Program Update *(Robert Moody, Compliance Manager)*
2. Engineering Program Update *(Mark Goodin, Engineering Manager)*
3. Air Quality Program Update *(Odelle Hadley, Senior Monitoring Specialist)*
4. Education and Outreach Update *(Dan Nelson, Public Information Officer)*
5. Finance/Administrative Update *(Lynn Harding, Administrative Services Manager)*
6. Executive Director's Report *(Fran McNair, Executive Director)*

8. GOOD OF THE ORDER

9. EXECUTIVE SESSION

To discuss any matter suitable for Executive Session under RCW 42.30.110

10. ADJOURN

Olympic Region Clean Air Agency

Comparative Summary of Agency Budget, Revenues, & Expenditures

For the Period Ending December 2020

	Fiscal Year 2020 Fiscal Year Actuals	Fiscal Year 2021 Approved Annual Budget	7/1/2020-12/31/2020 Year To Date Actual		Comparison	
					FY2021	FY2020
Revenue				Difference	6-mos = 50%	% of Budget
AOP (Title V)	\$ 378,083.33	\$ 399,625.00	\$ 293,049.55	\$ (106,575.45)	73%	77%
NOC - Major/Minor	134,984.80	107,000.00	80,924.51	(26,075.49)	76%	51%
NOI - Major/Minor	7,773.00	4,500.00	260.00	(4,240.00)	6%	292%
Annual Registration	396,502.33	397,944.00	379,150.04	(18,793.96)	95%	103%
Assessments	446,188.11	451,908.00	0.00	(451,908.00)	0%	0%
ECY Oversight	12,326.05	12,000.00	0.00	(12,000.00)	0%	0%
Asbestos	127,199.00	122,000.00	66,736.00	(55,264.00)	55%	47%
Land Clearing	31,909.25	15,500.00	12,588.50	(2,911.50)	81%	77%
Woodstove Education Grant	9,939.00	9,939.00	2,176.34	(7,762.66)	22%	21%
Woodsmoke Reduction Grant	168,816.08	160,000.00	74,861.36	(85,138.64)	47%	45%
Ecology Monitoring (PM2.5)	13,500.00	13,500.00	3,124.98	(10,375.02)	23%	80%
EPA - Cheeka Peak Grant	95,407.34	86,077.00	39,531.17	(46,545.83)	46%	46%
Community Scale Air Toxics	167,453.97	34,000.00	35,364.71	1,364.71	104%	101%
CORE-Federal	181,192.00	187,094.00	50,395.00	(136,699.00)	27%	29%
CORE-State	131,211.00	135,372.00	36,378.00	(98,994.00)	27%	29%
EFSEC	32,461.00	26,565.00	12,596.86	(13,968.14)	47%	43%
Fines (Public Education)	66,207.16	55,000.00	67,517.00	12,517.00	123%	68%
Investment Income	34,923.39	25,000.00	8,949.92	(16,050.08)	36%	80%
Miscellaneous Revenue	1,889.93	1,000.00	494.11	(505.89)	49%	12%
Building/Rental Income	60,037.00	61,300.00	29,587.00	(31,713.00)	48%	51%
Residual Funds-Reserve-Admin.	0.00	257,636.14	0.00	(257,636.14)	0%	0%
Residual Funds-Reserve-Title V	0.00	0.00	0.00	0.00	0%	0%
Total Revenue	\$ 2,498,003.74	\$ 2,562,960.14	\$ 1,193,685.05	\$ (1,369,275.09)	47%	49%

	YTD FY2021 Revenue
75% Fees	\$ 900,225.60
21% Grants*	254,428.42
0% Assessments	0.00
3% Other	39,031.03
0% Reserves	0.00
100%	\$ 1,193,685.05
* Grants-Fed	128,415.86
* Grants-State	126,012.56

	Fiscal Year 2020 Fiscal Year Actuals	Fiscal Year 2021 Approved Annual Budget	7/1/2020-12/31/2020 Year To Date Actual		6-mos = 50%	% of Budget
Expenditures				Difference		
Salaries	\$ 1,477,803.24	\$ 1,497,127.00	\$ 749,592.18	\$ (747,534.82)	50%	51%
Personnel Benefits	505,310.18	559,625.14	252,705.86	(306,919.28)	45%	45%
Total Payroll	1,983,113.42	2,056,752.14	1,002,298.04	(1,054,454.10)	49%	49%
Office Supplies/Sm Equip.	\$ 5,167.88	\$ 9,414.00	\$ 2,097.27	\$ (7,316.73)	22%	39%
Gasoline Vehicles	4,624.65	5,400.00	1,526.57	(3,873.43)	28%	49%
Computer Hard/Soft.	8,530.12	13,422.00	7,427.39	(5,994.61)	55%	30%
Bd. Prof. Ser. & Travel Reimb.	835.48	1,200.00	0.00	(1,200.00)	0%	17%
Training & Conferences	10,245.24	13,000.00	1,302.00	(11,698.00)	10%	63%
Professional Srs.	49,999.15	43,800.00	23,632.28	(20,167.72)	54%	33%
Telephone	11,837.82	14,000.00	5,509.19	(8,490.81)	39%	40%
Postage	5,358.80	4,600.00	2,426.10	(2,173.90)	53%	63%
Insurance (Bldg, Veh, Staff)	30,138.00	32,000.00	33,509.00	1,509.00	105%	104%
Wellness Program	236.27	400.00	162.18	(237.82)	41%	8%
Public Education	11,941.91	10,000.00	2,137.80	(7,862.20)	21%	48%
Miscellaneous	57.86	900.00	35.87	(864.13)	4%	0%
Dues & Subscriptions	3,748.81	3,300.00	190.00	(3,110.00)	6%	63%
Audit/Acctg	6,722.02	23,000.00	3,572.04	(19,427.96)	16%	44%
Printing	426.27	0.00	0.00	0.00	0%	0%
Rent-Satellite Office	2,400.00	2,400.00	1,200.00	(1,200.00)	50%	58%
Maintenance - Copier	1,373.14	1,800.00	580.99	(1,219.01)	32%	43%
Vehicle Purchase	0.00	20,000.00	0.00	(20,000.00)	0%	0%
Maintenance - Vehicles	1,411.61	2,000.00	165.76	(1,834.24)	8%	34%
Total Non-P/R	155,055.03	200,636.00	85,474.44	(115,161.56)	43%	52%
Principal/Interest - Office Bldg	\$ 44,914.45	\$ 45,500.00	\$ 43,569.76	\$ (1,930.24)	96%	94%
Alarm Monitoring/Security	1,184.52	2,000.00	1,027.26	(972.74)	51%	39%
Utilities	13,077.72	14,000.00	6,835.09	(7,164.91)	49%	46%
Janitorial & Supplies	7,700.42	10,200.00	5,325.00	(4,875.00)	52%	464%
Maintenance - Office Bldg.	6,768.20	6,000.00	1,139.39	(4,860.61)	19%	70%
Leasehold Improvements	0.00	30,000.00	0.00	(30,000.00)	0%	0%
Total Bldg. Oper./Maintenance	73,645.31	107,700.00	57,896.50	(49,803.50)	54%	70%
WoodSmoke Reduction/Bounty	\$ 123,050.00	\$ 135,000.00	\$ 69,400.00	\$ (65,600.00)	51%	59%
ECY Oversight Fees	12,326.00	12,000.00	0.00	(12,000.00)	0%	0%
Monitor. Equip./CPO	33,564.67	33,400.00	8,937.64	(24,462.36)	27%	50%
Community Scale Air Toxics	53,049.44	12,447.00	168.01	(12,278.99)	1%	98%
Monitoring-General	628.46	5,025.00	915.50	(4,109.50)	18%	13%
Security Deposit Refunds	903.13	0.00	0.00	0.00	0%	0%
Total Non-Admin. Operational	223,521.70	197,872.00	79,421.15	(114,341.35)	40%	61%
Grand Total Expenditures	\$ 2,435,335.46	\$ 2,562,960.14	\$ 1,225,090.13	\$ (1,333,760.51)	48%	51%
Net Income (Deficit)	\$ 62,668.28		(\$ 31,405.08)			

FY2021: Budgetary Expenses exceeding 10% of the appropriated budget within any of the four categories requires Board Approval.

Includes Amendment #001

FUND BALANCE - Actual - Fiscal Year 2021
For The Period Ending December 31, 2020

BEGINNING Fund Balance 07/01/2020

Plus : Revenue Fiscal Year

Less: Expenditures Fiscal Year

ENDING Fund Balance 12/31/2020

General Fund Balance applied to FY Budget

Title V Funds applied to FY Budget

*SAO	Fund Balance ALLOCATIONS-		
Classifications:	Contingency Funds	Acctg Chart of Accts #	
Committed	<u>Less:</u> Expense Contingency (20% FY Budget less Title V)	1021	\$ 391,963
Restricted	<u>Less:</u> Title V	1025	See Below
Assigned	<u>Less:</u> Tenants Security Deposits	1040	\$ 5,575
Committed	<u>Less</u> for Office Building	1022	\$ 60,000
Committed	<u>Less</u> for Monitoring Equipment	1023	\$ 20,000
Committed	<u>Less</u> for Database / Equipment	1024	\$ 145,000
Unassigned	<u>Less</u> for Vacation/Sick Leave/Comp	1027	\$ 211,133
Unassigned	Title V Reserve (due Ggeneral Fund)		\$ (56,282)
Unassigned	Ending UNRESERVED Fund Balance		\$ 912,282

Contingency & Capital Funds
\$ 833,671

12/31/2020

"Operating Contingency Funds" defined.....

An amount established by board direction.

"Capital Funds " defined.....

An amount established by board direction to save for specific long-term capital expenditures (bldg, equipment, database).

"Fund Balance" defined.....

*Funds that are held in our bank account with Thurston County Treasurer's Office. ORCAA has one fund with Thurston County and is referred to as the "General Fund".

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

***06/30/2020 SAO established five new categories for reporting cash and investment balances**

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

BOARD OF DIRECTORS MEETING – via Zoom

December 9, 2020

Members present	Jim Cooper, City of Olympia (Chair) Cynthia Pratt, City of Lacey (Vice Chair) Greg Brotherton, Jefferson County Joan Cathey, City of Tumwater Randy Neatherlin, Mason County Mary Ellen Winborn, Clallam County Tye Menser, Thurston County
Members absent	Wes Cormier, Grays Harbor County Mike Runyon, Pacific County
Legal Counsel	Jeff Myers and Michael Throgmorton of Law, Lyman, Daniel, Kamerrer and Bogdanovich
Staff Present	Fran McNair, Executive Director; Robert Moody, Compliance Manager; Mark Goodin, Engineering Manager; Odelle Hadley, Senior Monitoring Specialist; Dan Nelson, Public Information Officer; Lynn Harding, Administrative Services Manager; and Debbie Moody, Office Manager/Public Records Officer

Cooper called the meeting to order at 10:02 a.m. (roll call due to zoom)

Cooper asked if everyone was ok with the Agenda. There were no comments, the Agenda was accepted on consensus.

CHAIR REPORT

Cooper noted it was unfortunate Cormier is absent as this is his last meeting. If you know him or have a moment to check in with him, be sure to thank him for his service. Cooper requested McNair pass on the Boards' sentiments. Neatherlin suggested a small token of appreciation for the 8 years he served. McNair and Nelson will look into it.

PUBLIC COMMENT

There were no public comments.

CONSENT AGENDA

Cooper asked approval of the Consent Agenda. Pratt moved approval of the Consent Agenda. The motion was seconded. Cooper noted the Personnel Minutes were part of the Consent Agenda as it is a periodic committee and we wanted to get the Minutes closed out. The motion carried unanimously.

NEW BUSINESS

Community Air Toxic Program Summary

Hadley noted she has submitted the final report to EPA for internal review and submitted one paper of the publication which is also under review. Hadley briefly explained the project, noting it started

about 3 years ago. The primary objective was to look at hazardous air pollutants that include gases associated with woodsmoke, which is the main source of PM2.5 in our region. The secondary objective was to improve and evaluate acrolein measurements. This was done in partnership with Evergreen and their students. It was noted Ethylene Oxide was added to the list of analytes after the project started.

Hadley went through her presentation. Cooper did ask about the Ethylene Oxide. Hadley explained it mainly comes from medical equipment cleaning. For medical equipment that can't be heated, they use ETO sterilizers. It was also noted ETO can be found in asphalt paving, which has been prevalent near the Lacey site. Cooper asked if there are any policy implications ORCAA will need to be considering. Hadley did not feel our agency would need to be concerned with. The report was sent to EPA and we will see what their response is to the data. If we were near the annual NAAQS, we might need to be concerned, but we are not.

Prior to moving on, McNair noted she had received an email from Commissioner Cormier – she read the email to the Board.

DIRECTORS REPORT

Compliance Program Update

R. Moody stated his staff continues to do inspections of sources they can do safely. They are doing more asbestos, demolition and land clearing inspections than we have historically because they are mostly outdoors and one-on-one. We have been getting a few marijuana complaints, along with outdoor burning complaints. Pratt asked how staff is dealing with outdoor burning in the homeless encampments. R. Moody explained many of the burns are taking place on Department of Transportation right of ways, so we are working with DOT to address those concerns. McNair noted we are also working with Homeless Coordinators at the city.

Brotherton asked about the ongoing complaints towards the Tree Hawk Farm in Chimacum. He noted it is agricultural land, so there really is not a requirement for them to mitigate the odors; do you guys just thank them for the complaint and explain they aren't doing anything wrong? R. Moody explained we stop by the area every time we are in the area to see if we smell anything. There are still odor regulations for agricultural lands, they restrict our enforcement, but they are still regulated. To date we have found a faint odor, which appears to be during harvesting, R. Moody stated.

Brotherton asked about the application for the 10,000 Year Institute for Biochar permit. R. Moody explained this has largely been turned back to DNR. They will need to go through DNR for permitting under weed abatement. Brotherton asked if we could incentivize or advocate for this? As a policy position, if we can take burning and have less of it combusted into the atmosphere that creates less smoke in the air. R. Moody stated the piles he has seen are relatively small in comparison to what we typically deal with as far as land clearing. R. Moody stated McNair would have to address the issue of ORCAA having a policy stance. Brotherton noted he is also working with Rayonier, behind the scenes, to see if they can't take their slash, char them and then redistribute over the forest floor to enhance growth. McNair stated she has not been involved in those discussion so she would like to talk to staff prior to deciding.

Cooper requested Brotherton send the staff and board information for review.

Engineering Program Update

Goodin briefly went over some permitting actions, beginning with Capitol City Press. Goodin stated they recently received their approval to increase their ink usage and install a new printer. Crown Cork and Seal have a couple applications on the list. Crown's latest proposal is to modify their

operations by including a third can line, as well as replacing ovens. This will result in an increase in emissions; however, the proposal includes a new control device as well. The public noticing/commenting period for Sierra Pacific Industries Lumbermill has just started. They are proposing to replace all of their dry kilns and actually began the process prior to notification; our compliance team is working on an enforcement action. In addition to replacing their kilns they are requesting an increase in the lumber drying throughput which will result in an increase of emissions and needed a review by Ecology as well. The comment period will end January 8, 2021. Goodin noted Silver Springs' application is currently on standby. We completed a preliminary determination and sent it off to Silver Springs for review and have yet to hear back from them.

Gooding added, what doesn't show up on the list, but is noteworthy is Grays Harbor Energy. We are currently working with EFSEC and Ecology on a recent proposal for them to upgrade their combustion turbines.

Goodin stated our Title V program was recently audited by EPA and issued a final report to us at the end of September. We responded on November 10 and have a final meeting December 10. Goodin did note there were no significant findings; however, we will share the final report once we receive it.

Air Quality Program Update

Hadley explained we did see a couple of moderate days in October, in Lacey and Port Angeles. We did lose some data in Port Angeles due to instrument failure. We also had data loss from Cheeka Peak. November, Hadley continued, had a few more moderate days, with Shelton having the most. We had additional issues at Cheeka Peak and lost a few days in November as well.

We did complete an audit, with Ecology, at Cheeka Peak in early October. Our toxics report has been completed and sent to EPA in November and is currently going through internal review. Hadley stated she is still assisting with the NW Air Quest meetings. We also had several meetings with Ecology, Department of Natural Resources and the National Weather Service to follow up the cross-agency coordination during future wildfire smoke events.

Hadley also noted we have been evaluating low cost air sensors, which includes Purple Air. She is working with Nelson on updating our website to include guidance on installing the sensors and how to interpret the data, etc. It was noted, Nelson has two sensors installed at his home they are evaluating.

Education and Outreach

Nelson explained he has his own met station and when he purchased it, they offered a PM2.5 add-on which he took advantage of. Nelson noted it appears to be tracking closely to the other monitors nearby. Nelson stated he also has one of ORCAA's Purple Air devices mounted next to his equipment. Pratt asked if there is a correction factor for Nelson's personal device. Nelson noted there is not, but he is leaving the evaluating to Hadley and she will determine how well it tracks with the other data.

Nelson stated he and Hadley are currently working on a grant, partnering with Spokane Regional Clean Air. The grant will be submitted to EPA and if we are successful, we would be working with local schools and giving Purple Air monitors to students to use during the summer months. The students would be utilizing 2 monitors, one inside their home and one outside, and the data would be monitored during wildfire events.

As for the woodstove grant, Nelson continued, we are well ahead of the curve on expending the funds. This is a very successful program and we expect by mid-January all the funds will have been

committed. At that point, Nelson stated, we hope to go back to Ecology and request additional funds from any balance they may have. Our program has been so successful, being the first to require total replacement of the woodstove by a non-wood burning device, several other states (Utah and Oregon) have called to gather information regarding our program. EPA recently granted \$1.8 million to air quality improvements to Klamath Falls Oregon, whose program is largely based off ours.

Finance/Administrative Update

Harding reminded the members we will have a finance meeting in January. We recently completed the annual reporting to the State Auditor's Office and we expect a call to schedule our next audit. Harding stated we recently made our December debt service payment and have a currently balance of \$92,023 left on our building. Our final payment, Harding noted, is January 2022.

Harding stated we recently had the carpets on the tenant side of the building cleaned and the tenants are pleased. Harding added we have received about 42% of our revenue and expended about 39%, so we are on target.

Harding updated the Board on ORCAA's Wellness committee, noting the difficulties with having staff remote. The committee is doing their best to keep staff engaged; recently we started a 15-minute Yoga session on Friday mornings.

Cooper stated once the building is paid off, we should consider what to do with those funds that will assist us in reducing our costs long-term and one thought would be to consider installing solar systems on our building to reduce the power consumption. Harding did note we have investigated that a couple of times, but we can revisit this in the future. Cooper suggested staff contact Olympia Community Solar and Mason Rolf is the CEO. If staff contacts Rich Hoy at the city, he can put you in contact with Mr. Rolf.

(Commissioner Menser arrived 11:27a.m.)

Executive Director's Report

McNair stated she would be sending out an email to each of the jurisdictions. Her goal is to have each of the members remain on the Board, as we really appreciate you. We do know we will be getting a new member from Grays Harbor and possibly from Pacific County as well. McNair added, the email will explain who can serve as a Board member, as well as who can be an alternate. Cooper asked if staff can be the primary board member. McNair stated she would look it up but was under the impression a staff member can be the primary member. Myers asked if Cooper's question is regarding the alternate position or the primary Board member. Cooper stated the primary member. Myers will review the law and update McNair. (Pratt left 11:30a.m.)

McNair reminded the members Governor Inslee stated in November we all needed to 'hunker down' more and reduce the number of people in businesses, etc. She noted this is why we only have 4 staff in the office at this time. Other than Debbie Moody, Lynn Harding, Jackie Wallner, and Robert Moody and herself, all other staff are remote. McNair explained she and R. Moody alternate days in the office.

McNair noted the January agenda will include a discussion about our Air Operating Program. A question came up in our finance committee meeting. We wanted to talk about the way the program is funded in general and how we calculate and charge the fees.

In February, McNair stated, we will be talking about outdoor burning, which is another issue we have wanted to discuss. We have been putting information on our website regarding where the

burns are occurring, how to get a permit, etc. but we wanted to look at the relationship between complaints and where people are burning.

McNair wanted to extend a thank you to a variety of people. Regarding Sierra Pacific, Aaron Manley, Mark Good and Robert Moody all played a role in getting this permit completed. Myers was great working with Sierra Pacific's attorney and Ecology was wonderful at pushing this permit along. We were getting pressured by the owner of Sierra Pacific, however, while we were aware of his concern, we wanted to make sure the permit was done properly.

GOOD OF THE ORDER

There was nothing for the Good of the Order.

ADJOURNMENT

The meeting adjourned at 11:37 a.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 December 9, 2020, in Olympia, Washington.

ATTEST:

Francea L. McNair, 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

December 4, 2020 through January 7, 2021

<i>Fund:</i>	<i>Warrant #'s:</i>	<i>Scheduled Payment Date:</i>	<i>Issue Amount</i>
6471			
	63008334 - 63008350	December 9	\$ 7,716.64
	63008351 - 63008355	December 17	\$ 12,900.00
	63008356 - 63008367	December 23	\$ 3,027.65
	3063908, 578381-578396	December - Payroll	\$ 125,038.41
	8181, 8185, 8189	December - Benefits	\$ 42,185.50
	Auto - Mo. Wire Transfer	T.C. Accounting Charge	\$ 595.34
	63008368 - 63008384	January 7	\$ 11,243.26
			\$ 202,706.80

Total Expenditures This Period:

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
SUBMITTED FOR THE PERIOD
December 4, 2020 through January 7, 2021

Check #	Date	Payee	Cash Account	Amount
63008334	12/9/20	ABC Legal Services, LLC	10200	109.50
63008335	12/9/20	Cabbros Cleaning Services, LLC	10200	1,279.00
63008336	12/9/20	Clallam County Sheriff's Office	10200	75.00
63008337	12/9/20	Comcast Cable Com., Inc.	10200	388.41
63008338	12/9/20	Comcast Cable Com., Inc.	10200	128.72
63008339	12/9/20	Department of Ecology	10200	1,891.38
63008340	12/9/20	Intermedia.net, Inc.	10200	300.90
63008341	12/9/20	Law, Lyman, Daniel,	10200	2,001.40
63008342	12/9/20	Mountain Mist Water	10200	17.72
63008343	12/9/20	Pacific County Department	10200	200.00
63008344	12/9/20	Pacific County Sheriff's Office	10200	55.00
63008345	12/9/20	Pacific Disposal	10200	69.82
63008346	12/9/20	Praxair Distribution, Inc.	10200	7.12
63008347	12/9/20	PUD #1 of Clallam County	10200	197.88
63008348	12/9/20	Sunrise Pest Management, Inc.	10200	79.04
63008349	12/9/20	U.S. Bank	10200	761.96
63008350	12/9/20	Verizon Wireless, Bellevue	10200	153.79
63008351	12/17/20	Capital City Stove	10200	4,100.00
63008352	12/17/20	Capital City Stove	10200	2,000.00
63008353	12/17/20	C&C Clean Sweep	10200	2,700.00
63008354	12/17/20	Laura Scafturon	10200	500.00
63008355	12/17/20	Sunset Air Incorporated	10200	3,600.00
63008356	12/23/20	ABC Legal Services, LLC	10200	125.00
63008357	12/23/20	Capital Business Machines, Inc.	10200	88.78
63008358	12/23/20	City of Olympia	10200	659.23
63008359	12/23/20	City of Shelton	10200	262.50
63008360	12/23/20	Mason County Sheriff's Dept.	10200	100.00
63008361	12/23/20	Mason County Sheriff's Dept.	10200	100.00
63008362	12/23/20	Mountain Mist Water	10200	17.72
63008363	12/23/20	Office Depot, Inc.	10200	258.47
63008364	12/23/20	Puget Sound Energy	10200	976.28
63008365	12/23/20	Sound Publishing Inc.	10200	330.63
63008366	12/23/20	Source Evaluation Society	10200	30.00
63008367	12/23/20	Sunrise Pest Management, Inc.	10200	79.04
578381-578396	12/31/20	Salaries & Benefits	10200	167,223.91
Auto-Transfer	12/31/20	Thurston County Auditor's Office	10200	595.34
63008368	1/7/21	Association of Washington Cities	10200	1,893.79
63008369	1/7/21	Cabbros Cleaning Services, LLC	10200	823.00
63008370	1/7/21	Comcast Cable Com., Inc.	10200	367.17
63008371	1/7/21	Comcast Cable Com., Inc.	10200	107.42
63008372	1/7/21	Employment Security Dept.	10200	942.64
63008373	1/7/21	Intermedia.net, Inc.	10200	296.09
63008374	1/7/21	Labor & Industries	10200	1,556.93
63008375	1/7/21	Law, Lyman, Daniel,	10200	3,362.75
63008376	1/7/21	VOID	10200	0.00
63008377	1/7/21	Mountain Mist Water	10200	10.33
63008378	1/7/21	North Pacific Electric, Inc.	10200	292.13
63008379	1/7/21	Pacific County Department	10200	200.00
63008380	1/7/21	Praxair Distribution, Inc.	10200	11.84
63008381	1/7/21	Puget Sound Energy	10200	960.57
63008382	1/7/21	PUD #1 of Clallam County	10200	195.60
63008383	1/7/21	Thurston County Sheriffs Office	10200	69.21
63008384	1/7/21	Verizon Wireless, Bellevue	10200	153.79
Total			\$	202,706.80



Title V Program Annual Fees

Staff Presentation to
ORCAA Board Members
January 13, 2021

Title V Program - Background

Also known as:

- Air Operating Permit (AOP) Program
- Major Source Program
- Part 70 Program

It is a delegated program: ORCAA received delegation from EPA in 1993.

ORCAA has ten major sources subject to Title V

Title V Program - Requirements

- Air Operating Permit (AOP)
- Continuous Compliance Assurance & Monitoring
- Full Compliance Evaluations (Inspections by ORCAA) at least every 2yrs
- Annual Compliance Certifications
- Annual Fees

All ten of ORCAA's Title V sources operate under an effective AOP

Title V Fee Requirements

Fee Requirements for State Title V Programs:

- Annual fees sufficient to cover program costs
- Fees will be used solely for Title V program
- Title V fees meet the “presumptive minimum,” which was \$52.79 per ton of emissions in 2020 per EPA (ORCAA is at \$395 per ton).
- Title V fees required by condition in AOPs

Permit program costs means all reasonable (direct and indirect) costs required to develop and administer a permit program, as set forth in §70.9(b) of this part

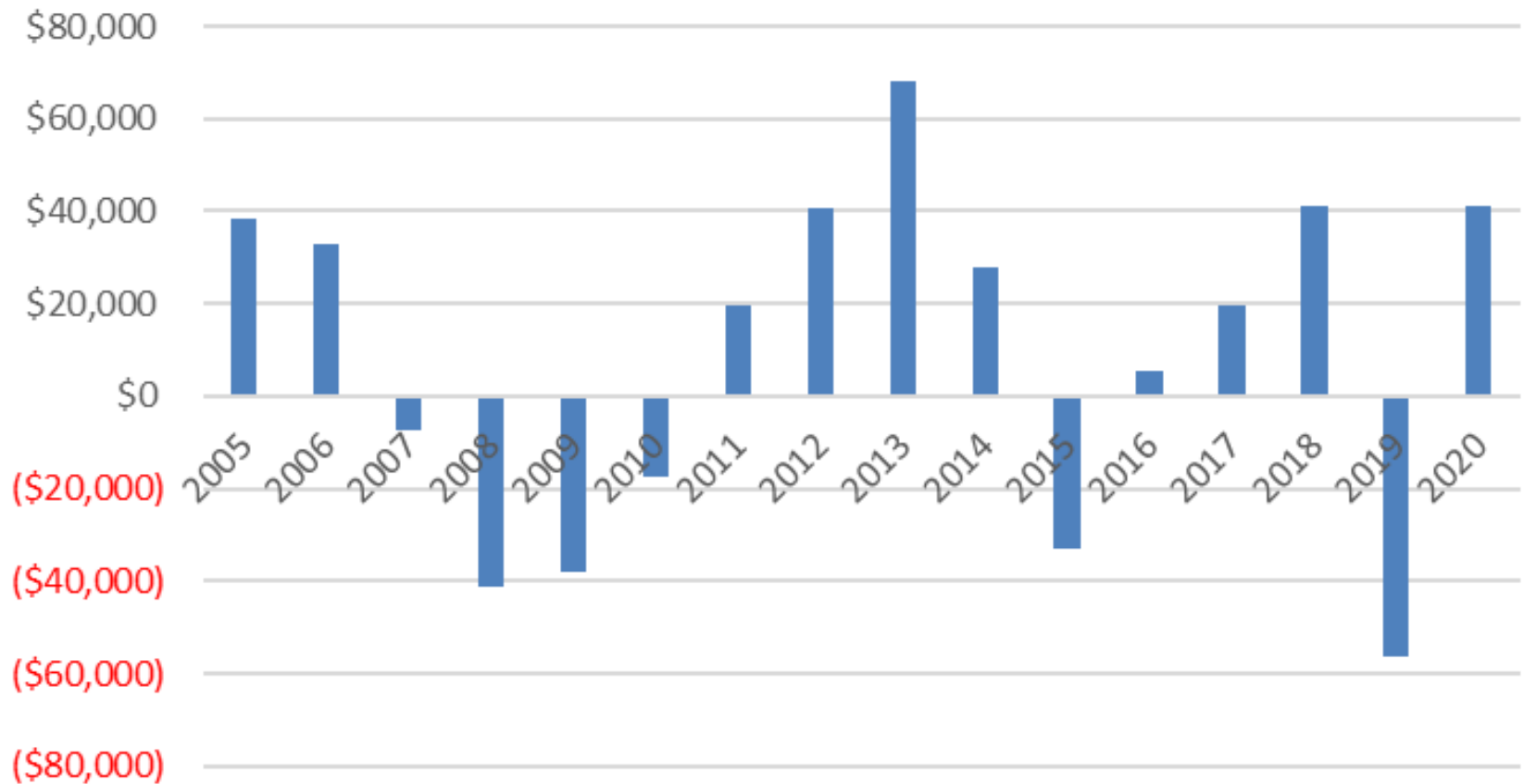
Title V Program (Fee Eligible Activities)

- Rule making
- Permit writing and issuance
- Administrative costs
- Inspections and enforcement of AOPs
- Ambient monitoring
- Modeling, analyses, or demonstrations;
- Emissions inventories; and
- Title V Small Business Assistance program

ORCAA's Title V Fee Process

1. In concert with ORCAA's annual budget process
2. Total program cost projected + ending fund balance = Total Program Fees
3. Workload analysis projects program costs
4. Program costs include direct and indirect costs
5. Entire process is time sheet driven
6. Total Program Fees distributed among Title V sources

Ending Fund Balance



	Fee Revenue	Expenses (direct + indirect)	Ending Fund Balance
2013	\$321,548	(\$324,608)	\$68,265
2014	\$320,316	(\$360,550)	\$28,032
2015	\$345,206	(\$406,144)	(\$32,906)
2016	\$407,495	(\$369,103)	\$5,486
2017	\$377,009	(\$362,818)	\$19,676
2018	\$390,871	(\$369,408)	\$41,140
2019	\$378,083	(\$475,523)	(\$56,282)
2020	\$399,625	(\$379,625)	(\$36,281)

Inspections Completed

Between 12/4/2020 and 1/8/2021

Insp. Date	Inspection Type	File #	Source Name	Location	Warning	NOV Issued
MS						
12/16/2020	Full Compliance Evaluation	512	GALEYS GROCERY	RAYMOND	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12/16/2020	Full Compliance Evaluation	748	B S BODY SHOP INC	RAYMOND	<input type="checkbox"/>	<input type="checkbox"/>
12/17/2020	Full Compliance Evaluation	479	BAYVIEW REDI MIX - ELMA	ELMA	<input type="checkbox"/>	<input type="checkbox"/>
12/17/2020	Full Compliance Evaluation	107	C & A RECYCLE	ABERDEEN	<input type="checkbox"/>	<input type="checkbox"/>
SMS						
12/10/2020	Full Compliance Evaluation	967	PETROCARD - TUMWATER CFN	PORT ANGELES	<input type="checkbox"/>	<input type="checkbox"/>
12/10/2020	Full Compliance Evaluation	985	PETROCARD - TIRE TOWNE CFN	PORT ANGELES	<input type="checkbox"/>	<input type="checkbox"/>
12/10/2020	Full Compliance Evaluation	0	CLALLAM COUNTY PUBLIC WORKS	SEQUIM	<input type="checkbox"/>	<input type="checkbox"/>
12/10/2020	Full Compliance Evaluation	840	ARCO - PORT ANGELES	PORT ANGELES	<input type="checkbox"/>	<input type="checkbox"/>
12/10/2020	Full Compliance Evaluation	966	ROAD RUNNER FOOD MART	PORT ANGELES	<input type="checkbox"/>	<input type="checkbox"/>
TG						
12/22/2020	Full Compliance Evaluation	237	7-ELEVEN 32832 - CROSBY BLVD	TUMWATER	<input type="checkbox"/>	<input type="checkbox"/>
12/22/2020	Full Compliance Evaluation	1071	ARCO 7063	OLYMPIA	<input type="checkbox"/>	<input type="checkbox"/>
12/22/2020	Full Compliance Evaluation	943	BLACK LAKE GROCERY & DELI	OLYMPIA	<input type="checkbox"/>	<input type="checkbox"/>
12/22/2020	Full Compliance Evaluation	893	BLACK LAKE GROCERY	OLYMPIA	<input type="checkbox"/>	<input type="checkbox"/>
12/23/2020	Full Compliance Evaluation	188	COUNTRY JOE DELI MART	YELM	<input type="checkbox"/>	<input type="checkbox"/>
12/23/2020	Full Compliance Evaluation	804	BUDDIES GROCERY	OLYMPIA	<input type="checkbox"/>	<input type="checkbox"/>
12/23/2020	Full Compliance Evaluation	1084	GRAND MOUND SHELL	ROCHESTER	<input type="checkbox"/>	<input type="checkbox"/>
12/23/2020	Full Compliance Evaluation	431	SPEEDWAY GROCERY	ROCHESTER	<input type="checkbox"/>	<input type="checkbox"/>
12/23/2020	Full Compliance Evaluation	856	BOULEVARD GAS & MINI MART	OLYMPIA	<input type="checkbox"/>	<input type="checkbox"/>
12/29/2020	Full Compliance Evaluation	791	PLATYPUS MARINE	PORT ANGELES	<input type="checkbox"/>	<input type="checkbox"/>
12/29/2020	Partial Compliance Evaluation	198	SAFEWAY - SEQUIM #1448	SEQUIM	<input type="checkbox"/>	<input type="checkbox"/>

Asbestos Permit Status Report

Permit #	Rec'd	Site Address	County	Completion Date
19ASB006897	11/6/2019	Various	Thurston	12/21/2020
19ASB006929	12/4/2019	1815 Marine Drive	Clallam	12/31/2020
20ASB006953	1/2/2020	Capitol Campus	Thurston	12/31/2020
20ASB006979	1/26/2020	217 N 17th St	Grays Harbor	2/5/2020
20ASB007002	2/12/2020	1515 W Main St	Grays Harbor	3/18/2020
20ASB007010	2/14/2020	Surfside Estates	Pacific	12/31/2020
20ASB007025	2/24/2020	5810 64th Ave NW	Thurston	4/1/2020
20ASB007066	3/26/2020	607 Broadway St	Pacific	4/26/2020
20ASB007081	4/20/2020	19010 Apricot Rd	Thurston	4/1/2021
20ASB007123	6/2/2020	5040 Oyster Bay Rd NW	Thurston	6/22/2021
20ASB007132	6/10/2020	1835 Circle Loop SE	Thurston	6/4/2021
20ASB007135	6/11/2020	103 School St	Grays Harbor	6/20/2021
20ASB007164	7/7/2020	12320 123rd Ave SE	Thurston	8/31/2020
20ASB007184	7/22/2020	707 South Chase St	Clallam	12/31/2020
20ASB007190	7/24/2020	426 Burrows Rd	Grays Harbor	5/4/2021
20ASB007197	8/1/2020	23 Robbins Road	Jefferson	8/1/2021
20ASB007222	8/31/2020	3705 So Bay Rd NE	Thurston	5/29/2021
20ASB007236	9/14/2020	2711 Fishtrap Loop NE	Thurston	11/15/2020
20ASB007244	9/18/2020	1807 9th Ave SW	Thurston	11/25/2020
20ASB007247	9/21/2020	51 Hollow Road	Clallam	1/31/2021
20ASB007252	9/28/2020	2928 Lybarger St SE	Thurston	9/30/2021
20ASB007257	10/7/2020	8935 Pacific Ave SE	Thurston	10/26/2020
20ASB007260	10/9/2020	421 E Neddie Rose Drive	Grays Harbor	10/16/2020
20ASB007269	10/19/2020	700 Wood Ave	Grays Harbor	12/31/2020
20ASB007312	11/25/2020	391 Huehslein Rd	Clallam	12/31/2020
20ASB007314	12/1/2020	3425 Humphrey St NE	Thurston	12/23/2020
20ASB007319	12/3/2020	1202 Fones Rd SE	Thurston	
20ASB007320	12/4/2020	2260 Division St NW, Unit 5A	Thurston	12/16/2020
20ASB007321	12/4/2020	See List	Thurston	12/31/2021
20ASB007322	12/4/2020	5426 Windemere Dr SE	Thurston	12/28/2020
20ASB007323	12/4/2020	1322 State Route 101	Pacific	3/12/2021
20ASB007324	12/4/2020	301 Old Highway 99 North	Thurston	12/18/2020
20ASB007325	12/6/2020	1211 Quince Street SE	Thurston	1/29/2021

Permit #	Rec'd	Site Address	County	Completion Date
20ASB007326	12/7/2020	7626 Skookumchuck Rd SE	Thurston	1/11/2021
20ASB007327	12/7/2020	525 1st Ave South	Pacific	1/29/2021
20ASB007329	12/9/2020	15906 86th Ave SE	Thurston	12/20/2020
20ASB007330	12/10/2020	312 20th Ave SE	Thurston	12/31/2020
20ASB007331	12/11/2020	206 Lilly Rd NE	Thurston	12/18/2020
20ASB007332	12/14/2020	2544 Simpson Ave	Grays Harbor	1/7/2021
20ASB007333	12/15/2020	1104 W Market	Grays Harbor	12/20/2020
20ASB007334	12/15/2020	301 Yelm Ave West	Thurston	12/29/2020
20ASB007335	12/16/2020	409 N Main St	Thurston	12/31/2020
20ASB007336	12/16/2020	407 San Mar Dr NE	Thurston	12/29/2020
20ASB007337	12/17/2020	300 Myrtle St	Grays Harbor	12/20/2020
20ASB007338	12/17/2020	1400 Airport Way	Grays Harbor	1/29/2020
20ASB007339	12/18/2020	8316 Walnut Dr NE	Thurston	1/7/2021
20ASB007340	12/18/2020	2629 Aberdeen Ave	Grays Harbor	4/30/2021
20ASB007341	12/21/2020	11013 Hamma Hamma Court SE	Thurston	12/24/2020
20ASB007342	12/22/2020	696 Pioneer Street SW	Thurston	1/5/2021
20ASB007343	12/23/2020	7570 Eells Rd	Mason	1/29/2021
20ASB007344	12/23/2020	301 Old Oak Bay Rd	Jefferson	2/15/2021
20ASB007345	12/28/2020	3612 Surrey Dr NE	Thurston	12/20/2021
20ASB007346	12/28/2020	2740 113th Way SW	Thurston	12/31/2020
20ASB007347	12/28/2020	372 SE Johns Rd	Mason	1/6/2021
21ASB007348	1/5/2021	1225 Union Mills Rd SE #2	Thurston	1/14/2021
21ASB007349	1/6/2021	226 Ash Street	Pacific	1/19/2021
21ASB007350	1/7/2021	407 San Mar Dr NE	Thurston	1/26/2021
21ASB007351	1/7/2021	1902 Marine Drive	Clallam	12/31/2021

Demolition Notifications received between 12/4/2020 and 1/8/2021

Permit#	Rec'd	Staff	Address	City	Status	Asb Survey	Asb Permit #
20DEM005951	12/4/2020		1322 State Route 101	Ilwaco	AMF Review 12/7. Notification com	<input checked="" type="checkbox"/>	20ASB007323
20DEM005952	12/4/2020	AMF	3001 Olympic Hwy North	Shelton		<input checked="" type="checkbox"/>	ASB
20DEM005953	12/6/2020	MS	1211 Quince Street SE	Olympia	Fire Damaged Building. Asbestos	<input type="checkbox"/>	20ASB007325
20DEM005954	12/7/2020		24818 U ST [Joe Johns Rd]	Ocean Park	No survey w/app. Survey received.	<input checked="" type="checkbox"/>	ASB
20DEM005955	12/7/2020	AMF	300 Four Corners Road	Port Townsend	No survey w/app.	<input type="checkbox"/>	ASB
20DEM005956	12/8/2020	AMF	4711 Bellwood Dr NE	Olympia	Req't start date of 12/14/2020 - ER	<input checked="" type="checkbox"/>	ASB
20DEM005957	12/9/2020		1020 51st Street	Port Townsend	12/16/2020 -Case CANCELLED. S	<input type="checkbox"/>	ASB
20DEM005958	12/11/2020	AMF	545 N Central	Westport	Req't start date of 12/11/2020. No E	<input checked="" type="checkbox"/>	ASB
20DEM005959	12/14/2020	TG	203 W Emerson Ave	Hoquiam		<input type="checkbox"/>	ASB
20DEM005960	12/14/2020		6725 Martin Way E	Olympia		<input checked="" type="checkbox"/>	ASB
20DEM005961	12/16/2020		1315 & 1311 Washington Ave S	Long Beach	1 Demo notification is OK. Same/co	<input checked="" type="checkbox"/>	ASB
20DEM005962	12/17/2020		301 Old Oak Bay Rd	Port Hadlock	12/23 - AMF req full survey & Asb n	<input checked="" type="checkbox"/>	20ASB007344
20DEM005963	12/17/2020		1400 Airport Way	Hoquiam		<input checked="" type="checkbox"/>	20ASB007338
20DEM005964	12/21/2020		11013 Hamma Hamma CT SE	Olympia		<input checked="" type="checkbox"/>	20ASB007341
20DEM005965	12/22/2020	RTM	5116 Vale Ct SE	Lacey		<input checked="" type="checkbox"/>	ASB
20DEM005966	12/22/2020					<input type="checkbox"/>	ASB
20DEM005967	12/22/2020		705 West Heron	Aberdeen	12/23-AM req survey.	<input checked="" type="checkbox"/>	ASB
20DEM005968	12/23/2020		160 SE Cermak Lane	Shelton	survey submitted to info@orca. Co	<input checked="" type="checkbox"/>	ASB
20DEM005969	12/26/2020	MS	226 Ash Street	Raymond		<input checked="" type="checkbox"/>	21ASB007349
20DEM005970	12/29/2020		2214 Hooker Rd	Sequim	Project size: 383. New to us contra	<input checked="" type="checkbox"/>	ASB
20DEM005971	12/29/2020		Copalis Rocks Lane	Copalis Beach	1/6/2021 - AMF req survey	<input type="checkbox"/>	ASB
20DEM005972	12/30/2020	TG	605 Durell Rd SE & 7632 Old Hwy 99 SE	Tumwater		<input checked="" type="checkbox"/>	ASB
20DEM005973	12/30/2020		4540 Eld LN NW	Olympia		<input checked="" type="checkbox"/>	ASB

Permit#	Rec'd	Staff	Address	City	Status	Asb Survey	Asb Permit #
20DEM005974	12/31/2020		2190 Black Point Rd	Brinnon	"We have not done testing yet to s	<input type="checkbox"/>	ASB
21DEM005975	1/4/2021		226 Ash Street	Raymond	1/6/2021 - emailed for survey, com	<input checked="" type="checkbox"/>	21ASB007349
21DEM005976	1/4/2021		41 Wolf Road	Quilcene		<input checked="" type="checkbox"/>	ASB
21DEM005977	1/5/2021		16946 Violet Prairie Road SE	Tenino	1/6/2021-AMF emailed, req survey.	<input type="checkbox"/>	ASB
21DEM005978	1/6/2021		1225 Union Mills Dr SE #2	Olympia		<input checked="" type="checkbox"/>	21ASB007348
21DEM005979	1/6/2021		5411 Sandridge Road	Long Beach		<input type="checkbox"/>	ASB
21DEM005980	1/6/2021	AMF	315 Business Park Loop	Carlsborg	ER Approved, AMF 1/7/2021	<input checked="" type="checkbox"/>	ASB



Current ORCAA Land Clearing Burn Permits

FireDistrict	Expiration	#	Burn Site Address	City
CFD #3, Sequim	2/3/2021	5102	5741 Woodcock Road	Sequim
	2/4/2021	5103	42 Shauna Pl	Sequim
	2/6/2021	5105	9999 E Panarama Lane	Port Angeles
GHFD #5, Porter/Elma/Satsop	1/10/2021	5084	28 Roger Ln	Elma
JFD #4, Brinnon	1/14/2021	5092	Black Point	Brinnon
TFD #11, Littlerock	1/27/2021	5099	8120 105th Ave SW	Olympia
TFD #12, Tenino	1/16/2021	5096	2925 Nature Lane	Tenino
	2/5/2021	5104	15549 Johnson Creek Road SE	Tenino
TFD #2, Yelm	1/10/2021	5090	15610 Cascade Vista Lane SE	Yelm
TFD #4, Rainier	1/27/2021	5098	7525 152nd Lane	Tenino
TFD #9, McLane	1/8/2021	5091	8909 Winslow Dr SW	Olympia
	1/20/2021	5097	5130 Sunset Dr	Olympia
	1/28/2021	5100	2323 Roth Dr SW	Olympia

Complaint Report for period from 12/4/2020 to 1/8/2021

Date	Source	City	Rec'd	Formal	Online	Smoke	Odor	Open Fire	Dust	Wood-stove	Asbestos/Demo	Marijuana	Other
County:													
12/04/2020	Daniel and Carissa Oszman	Brady	RTM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/04/2020	Tamara and Mark Vermillion	Brady	RTM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
County: Clallam													
12/14/2020	Michael Millar	Port Angeles	AMF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/21/2020	Val D & Cheryl T Woodward	Sequim	RTM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/28/2020	Michael Millar	Port Angeles	AMF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
01/04/2021	Unknown	Sequim	JW	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
County: Grays Harbor													
12/04/2020	Dennis Pierce	McCleary	FLM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/28/2020	Cindy Walkup	Elma	RTM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/29/2020	Dale E & Cindy L Sundstrom	HOQUIAM	RTM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
01/05/2021	Islander Motel - Mr. Wang - owner	Westport	MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
County: Jefferson													
12/07/2020	TreeHawk Farms	Chimacum	FLM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/15/2020	unknown	Port Townsend	MS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
County: Mason													
12/31/2020	Neighbors	Shelton	FLM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
County: Pacific													
12/09/2020	Susan Little - Trustee	Ocean Park	MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/20/2020	Deborah Allison	South Bend	MS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/20/2020	Lisa Williams - owner	South Bend	MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
County: Thurston													
12/04/2020	Ken Oster	Olympia	JW	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/05/2020	Christopher & Nicole Pickering	Lacey	JW	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/06/2020	TBD	Olympia	JW	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/07/2020	kamie friedlander	Olympia	FLM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/09/2020	Paul	Olympia	JW	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Date	Source	City	Rec'd	Formal	Online	Smoke	Odor	Open	Fire	Dust	Wood- stove	Asbestos/ Demo	Marijuana	Other
12/10/2020	Daniel & Carol Heryford	Olympia	AMF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/10/2020	Norton, Agnieszka	Yelm	AMF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/10/2020	Vuu, Anh N	Olympia	AMF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/11/2020	Daniel & Carol Heryford	Olympia	AMF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/11/2020	Strand, Gordon	Rainier	AMF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/12/2020	Christopher & Nicole Pickering	Lacey	AMF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/13/2020	Kelley Morgan	Olympia	DAN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/15/2020	Bree McQuatters	Olympia	SMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/20/2020	Christopher & Nicole Pickering	Lacey	AMF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/21/2020	Daniel & Carol Heryford	Olympia	AMF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/24/2020	Shelton L & Suzanne F Garrington	Olympia	RTM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/24/2020	Unknown	Olympia	JW	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/28/2020	Christopher & Nicole Pickering	Lacey	AMF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/28/2020	Jing Liu & James P Patton	Olympia	RTM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/28/2020	Jonathon & Heidi J Pederson	Yelm	RTM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/28/2020	Unknown	Olympia	JW	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/29/2020	GESELL, STEVEN & JACQUE	Olympia	AMF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12/30/2020	MCCLAFLIN, KATRINA	Olympia	AMF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
01/04/2021	ELWARD, WESTLEY & BRITTANY	Olympia	AMF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
01/06/2021	Daniel & Carol Heryford	Olympia	AMF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

NOV Monthly Report

For the period 12/4/2020 to 1/8/2021

NOV #	Name	County	Regulation(s)	NOV Issued	Total Due	Date Paid
3748	THOMPSON	GRAYS HARBOR	Rule 6.2.5(a) Burning Prohibitives	08/14/2018	\$2,500.00	12/17/2020
3866	CAMPBELL	GRAYS HARBOR	Rule 6.3.4(a) asbestos/demo work with notification/fee Rule 6.3.9(a) Asbestos project by non-certified workers	08/26/2019	\$2,570.00	12/4/2020
3876	LE	THURSTON	Rule 6.2.5(a) Burning Prohibitives	09/12/2019	\$1,250.00	12/4/2020
4015	DECONTO	PACIFIC	Rule 6.2.5(a) Burning Prohibitives Rule 6.2.3 Cities and UGA--No Residential or Land Clearing burning	07/13/2020	\$5,000.00	
4016	RICHARDS	CLALLAM	Rule 6.2.8(c)(4) Landclearing burn without permit Rule 6.2.5(a) Burning Prohibitives Rule 6.2.6(a) Burn Ban	07/15/2020	\$2,500.00	
4023	WITZL	THURSTON	Rule 6.2.7(c) No burning Lacey Olympic Tumwater	10/16/2020	\$500.00	
4027	HOCHSTEIN	THURSTON	Rule 6.2.5(a) Burning Prohibitives Rule 6.2.5(c) Person must be in attendance of fire Rule 6.2.8(c)(7) Required Permit in Thurston County	10/13/2020	\$10,000.00	
4035	FOX LUMBER CO	GRAYS HARBOR	Rule 6.1.8 Conditions in Approval Orders Enforceable	08/26/2020	\$3,500.00	
4038	SHEARER	THURSTON	Rule 6.2.4 Summer Burn Ban Rule 6.2.5(e) Use of Burn Barrel	09/14/2020	\$250.00	
4042	NANCY DARRAH TRUST	PACIFIC	Rule 6.2.5(a) Burning Prohibitives	10/13/2020	\$500.00	
4044	HAUG	PACIFIC	Rule 6.2.5(a) Burning Prohibitives	10/16/2020	\$2,500.00	
4047	BROWN	THURSTON	Rule 6.2.4 Summer Burn Ban	09/21/2020	\$100.00	
4051	MERZ	THURSTON	Rule 6.2.4 Summer Burn Ban Rule 6.2.5(a) Burning Prohibitives Rule 6.2.5(c) Person must be in attendance of fire	10/01/2020	\$500.00	
4053	COLEMAN	THURSTON	Rule 6.2.5(a) Burning Prohibitives	10/07/2020	\$500.00	
4054	CROWN CORK & SEAL CO INC	THURSTON	Rule 3.2(j) Operating Permit Fees	10/20/2020	\$1,000.00	
4055	DHUDWAL - DASHMESH PETROLEUM 13 INC.	CLALLAM	Rule 6.1(a) Failure to have an Approval Notice of Construction	10/09/2020	\$500.00	
4056	MULLIGAN	PACIFIC	Rule 6.2.5(a) Burning Prohibitives	10/20/2020	\$1,000.00	

NOV #	Name	County	Regulation(s)		NOV Issued	Total Due	Date Paid
4058	GORDON	THURSTON	Rule 6.2.5(a) Rule 6.2.5(c)	Burning Prohibitives Person must be in attendance of fire	10/21/2020	\$1,000.00	
4063	MR OAK ANTIQUES	THURSTON	Rule 3.1(d)	Failure to pay Annual Registration fees	10/28/2020	\$500.00	
4065	DES CAPITOL CAMPUS	THURSTON	Rule 3.1(d)	Failure to pay Annual Registration fees	12/18/2020		
4066	7-ELEVEN 32832 - CROSBY BLVD	THURSTON	Rule 3.1(d)	Failure to pay Annual Registration fees	10/28/2020	\$500.00	
4067	PORT TOWNSEND FOUNDRY	JEFFERSON	Rule 3.1(d)	Failure to pay Annual Registration fees	10/28/2020	\$500.00	
4071	PASHA AUTOMOTIVE SERVICES	GRAYS HARBOR	Rule 3.1(d)	Failure to pay Annual Registration fees	10/28/2020	\$500.00	
4072	KETTELS 76 CARWASH & DELI	CLALLAM	Rule 3.1(d)	Failure to pay Annual Registration fees	10/30/2020	\$1,000.00	
4077	7-ELEVEN 22261 - LINCOLN	GRAYS HARBOR	Rule 3.1(d)	Failure to pay Annual Registration fees	10/30/2020	\$500.00	
4079	TWICE CLEANERS	THURSTON	Rule 3.1(d)	Failure to pay Annual Registration fees	11/02/2020	\$500.00	
4080	SHADOW MOUNTAIN GENERAL STORE	CLALLAM	Rule 3.1(d)	Failure to pay Annual Registration fees	11/02/2020	\$750.00	
4082	CONTINUUM	THURSTON	Rule 3.1(d)	Failure to pay Annual Registration fees	11/02/2020	\$3,500.00	
4084	CROWN CORK & SEAL CO INC	THURSTON	Rule 5.1(d) Rule 6.1.8	Operating Permit Program Compliance Conditions in Approval Orders Enforceable	12/04/2020		
4089	MCCLEARY	GRAYS HARBOR	Rule 6.3.2(a)	Asbestos Survey required for Renovation	11/10/2020	\$1,094.00	
4094	CRAFTSMAN UNITED	JEFFERSON	Rule 3.1(d)	Failure to pay Annual Registration fees	12/04/2020		
4095	PIERCE	GRAYS HARBOR	Rule 6.2.5(a)	Burning Prohibitives	12/04/2020		
4096	BUTCHER - THE WOOD BUTCHER	CLALLAM	Rule 6.2.5(e) Rule 6.2.5(a) Rule 6.2.3	Use of Burn Barrel Burning Prohibitives Cities and UGA--No Residential or Land Clearing burning	12/10/2020		
4097	OSZMAN	GRAYS HARBOR	Rule 6.2.8(c)(4)	Landclearing burn without permit	12/14/2020		
4098	VERMILLION	GRAYS HARBOR	Rule 6.2.8(c)(4)	Landclearing burn without permit	12/15/2020		
4099	VUU	THURSTON	Rule 6.2.5(a) Rule 6.2.3	Burning Prohibitives Cities and UGA--No Residential or Land Clearing burning	12/14/2020		

NOV #	Name	County	Regulation(s)	NOV Issued	Total Due	Date Paid
4100	BUTCHER - THE WOOD BUTCHER	CLALLAM	Rule 6.2.5(e) Rule 6.2.5(a) Rule 6.2.3	Use of Burn Barrel Burning Prohibitives Cities and UGA--No Residential or Land Clearing burning	12/10/2020	
4101	FRANKFURTH AUTO BODY	CLALLAM	Rule 6.1(a)	Failure to have an Approv Notice of Construction	12/22/2020	
4102	HOWDESHELL	GRAYS HARBOR	Rule 6.3.2(b) Rule 6.3.4(a)	Demo without AHERA survey asbestos/demo work with notification/fee	12/21/2020	
4103	NICOLE E PICKERING	THURSTON	Rule 8.1.3	Prohibited Fuel Types for Solid Fuel Burning Device	12/29/2020	
4104	SAFEWAY - SEQUIM #1448	CLALLAM	Rule 6.1(a)	Failure to have an Approv Notice of Construction	01/05/2021	
Total:					\$79,834.00	

Industrial / Commercial Air Permits

Pending and Final Permits for period from 12/4/2020 to 01/08/2021

Facility_Name	City	Type	NOC_No	Facility Category	Description	Eng	Application Received	Status	Date of Status Update
CAPITOL CITY PRESS	TUMWATER	NOC	20NOC1458	Printing/Paper Products	after the fact installation of additional offset printing press	LEW	9/8/2020	final permit delivered	12/8/2020
PANELTECH	HOQUIAM	NOC	20NOC1464	Printing/Paper Products	modify the dry-end permanent total enclosure on Paper Coating Line 1	LEW	11/6/2020	final permit delivered	12/18/2020
SEQUIM CHEVRON	SEQUIM	ADM	20ADM1462	Gasoline Distribution	Correct testing requirement errors in NOC.	LEW	10/29/2020	final permit delivered	12/21/2020
AFC BODY SHOP	LACEY	NOC	19NOC1357	Automotive Services		AM	5/17/2019	draft pending internal review	1/7/2021
AFC BODY SHOP	LACEY	NOC	19NOC1357	Automotive Services		AM	5/17/2019	draft pending source review	1/7/2021
CROWN CORK & SEAL CO INC	OLYMPIA	NOC	20NOC1451	Manufacturing	modify the existing production lines and construct a third production line at their metal beverage can manufacturing facility	JAD	8/10/2020	incomplete application - waiting on data response	12/18/2020
CROWN CORK & SEAL CO INC	OLYMPIA	AOP	20AOP1446	Manufacturing	renew 15AOP1129	JAD	6/11/2020	draft in progress	12/1/2020
CUSTOM FIBERGLASS	ABERDEEN	NOC	20NOC1424	Automotive Services		AM	8/24/2020	incomplete application - waiting on data response	10/1/2020

Facility_Name	City	Type	NOC_No	Facility Category	Description	Eng	Application Received	Status	Date of Status Update
INTERFOR US INC - PORT ANGELES DIVISION	PORT ANGELES	NOC	20NOC1469	Wood Products	Extend the length of an existing kiln to increase the facility's drying capacity.	LEW	12/21/2020	completeness determination pending	1/7/2021
McKINLEY PAPER COMPANY	PORT ANGELES	AOP	18AOP1300	Printing/Paper Products	renew AOP (11AOP816)	MVG	9/4/2018	draft in progress	10/7/2020
PANELTECH	HOQUIAM	AOP	20AOP1437	Printing/Paper Products	renew AOP 11AOP864	JAD	4/2/2020	draft in progress	12/1/2020
PETROCARD - PORT CFN	ABERDEEN	NOC	20NOC1465	Gasoline Distribution	After-the-fact review of a gasoline dispensing facility	LEW	12/8/2020	draft pending source review	1/4/2021
RESURRECTION AUTO BODY AND	OLYMPIA	NOC	17NOC1251	closed/non-registered	install after-the-fact spray booth	AM	9/12/2017	on hold - pending initial payment	9/13/2017
SIERRA PACIFIC INDUSTRIES -	ABERDEEN	AOP	12AOP873	Wood Products	renew AOP permit	AM	1/11/2012	draft pending internal review	12/1/2020
SIERRA PACIFIC INDUSTRIES -	ABERDEEN	NOC	20NOC1449	Wood Products	install 8 lumber dry kilns	AM	7/1/2020	public noticing period initiated	12/4/2020
SIERRA PACIFIC INDUSTRIES -	SHELTON	NOR	19NOR1326	Wood Products	modify condition 3G of 15NOC1128	MVG	2/13/2019	draft in progress	10/7/2020
SIERRA PACIFIC INDUSTRIES -	SHELTON	RFC	19RFC1321	Wood Products	Align due dates for ACC and SAMR	MVG	2/1/2019	draft in progress	10/7/2020
SILVER SPRINGS ORGANICS LLC	RAINIER	NOR	20NOR1445	Composting	change conditions in 10NOC754	MVG	5/18/2020	draft pending source review	10/7/2020
SILVER SPRINGS ORGANICS LLC	RAINIER	NOR	20NOR1445	Composting	change conditions in 10NOC754	MVG	5/18/2020	draft pending internal review	10/7/2020
SIMPSON DOOR CO	McCLEARY	RFC	19RFC1319	Wood Products	correct condition R2	MVG	1/30/2019	final pending final payment	10/14/2020
WASHINGTON CORRECTIONS	SHELTON	NOC	20NOC1463	Corrections Center	install 2 standby power generators	AM	11/2/2020	incomplete application - waiting on data response	12/10/2020

Facility_Name	City	Type	NOC_No	Facility Category	Description	Eng	Application Received	Status	Date of Status Update
WESTPORT LLC	WESTPORT	REV	09REV702	Fiberglass/Marine Services	modify #07AOP575 to remove conditions 4.18 and 6.12 and incorporate requirements from 40 CFR Part 63 Subpart II.	LEW	9/3/2009	draft pending source review	12/14/2020
WESTPORT LLC	WESTPORT	AOP	14AOP1029	Fiberglass/Marine Services	renew AOP	LEW	3/7/2014	draft pending source review	12/14/2020
WESTROCK CP LLC	LACEY	NOC	20NOC1466	Printing/Paper Products	After-the-fact review of a printing facility	LEW	11/16/2020	draft pending source review	1/7/2021



Air Quality Monitoring Summary

December 2020 2020 Annual Summary

Odelle Hadley, PhD

December 2020 Air Quality Summary – PM2.5

	Minimum	Average	Maximum	GOOD	MOD	USG	UH	VUH
Aberdeen	2.4 $\mu\text{g m}^{-3}$	5.5 $\mu\text{g m}^{-3}$	11.6 $\mu\text{g m}^{-3}$	31				
Cheeka Peak ¹	0.2 $\mu\text{g m}^{-3}$	0.97 $\mu\text{g m}^{-3}$	2.5 $\mu\text{g m}^{-3}$	22				
Lacey	1.6 $\mu\text{g m}^{-3}$	6.2 $\mu\text{g m}^{-3}$	16.8 $\mu\text{g m}^{-3}$	28	3			
Port Angeles	4.2 $\mu\text{g m}^{-3}$	10.0 $\mu\text{g m}^{-3}$	15.5 $\mu\text{g m}^{-3}$	26	5			
Port Townsend	2.5 $\mu\text{g m}^{-3}$	5.6 $\mu\text{g m}^{-3}$	12 $\mu\text{g m}^{-3}$	31				
Shelton	1.6 $\mu\text{g m}^{-3}$	7.6 $\mu\text{g m}^{-3}$	23.8 $\mu\text{g m}^{-3}$	28	3			
Raymond	1.8 $\mu\text{g m}^{-3}$	5.7 $\mu\text{g m}^{-3}$	13.8 $\mu\text{g m}^{-3}$	30	1			

1) Power loss and UPS failure resulted in a week of lost data

2020 Annual Air Quality Summary – PM2.5

	Minimum	Average	Maximum	G O O D	M O D	U S G	U H	V U H	H A Z
Aberdeen (100%)	1.5 $\mu\text{g m}^{-3}$	7.1 $\mu\text{g m}^{-3}$	167 $\mu\text{g m}^{-3}$	352	3	3	2		5
Cheeka Peak (88%)	0 $\mu\text{g m}^{-3}$	5.1 $\mu\text{g m}^{-3}$	259 $\mu\text{g m}^{-3}$	312	1	1	2	1	4
Lacey (100%)	0.7 $\mu\text{g m}^{-3}$	7.2 $\mu\text{g m}^{-3}$	166 $\mu\text{g m}^{-3}$	343	10	5	2	3	3
Port Angeles (98%)	1.6 $\mu\text{g m}^{-3}$	9.0 $\mu\text{g m}^{-3}$	208 $\mu\text{g m}^{-3}$	328	22	1	1	1	5
Port Townsend (93%)	2.5 $\mu\text{g m}^{-3}$	7.1 $\mu\text{g m}^{-3}$	157 $\mu\text{g m}^{-3}$	329	3		2	5	1
Shelton (98%)	0.5 $\mu\text{g m}^{-3}$	8.9 $\mu\text{g m}^{-3}$	274 $\mu\text{g m}^{-3}$	329	15	3	3	1	5
Raymond (99%)	1.2 $\mu\text{g m}^{-3}$	7.5 $\mu\text{g m}^{-3}$	169 $\mu\text{g m}^{-3}$	344	6	3	2	2	3

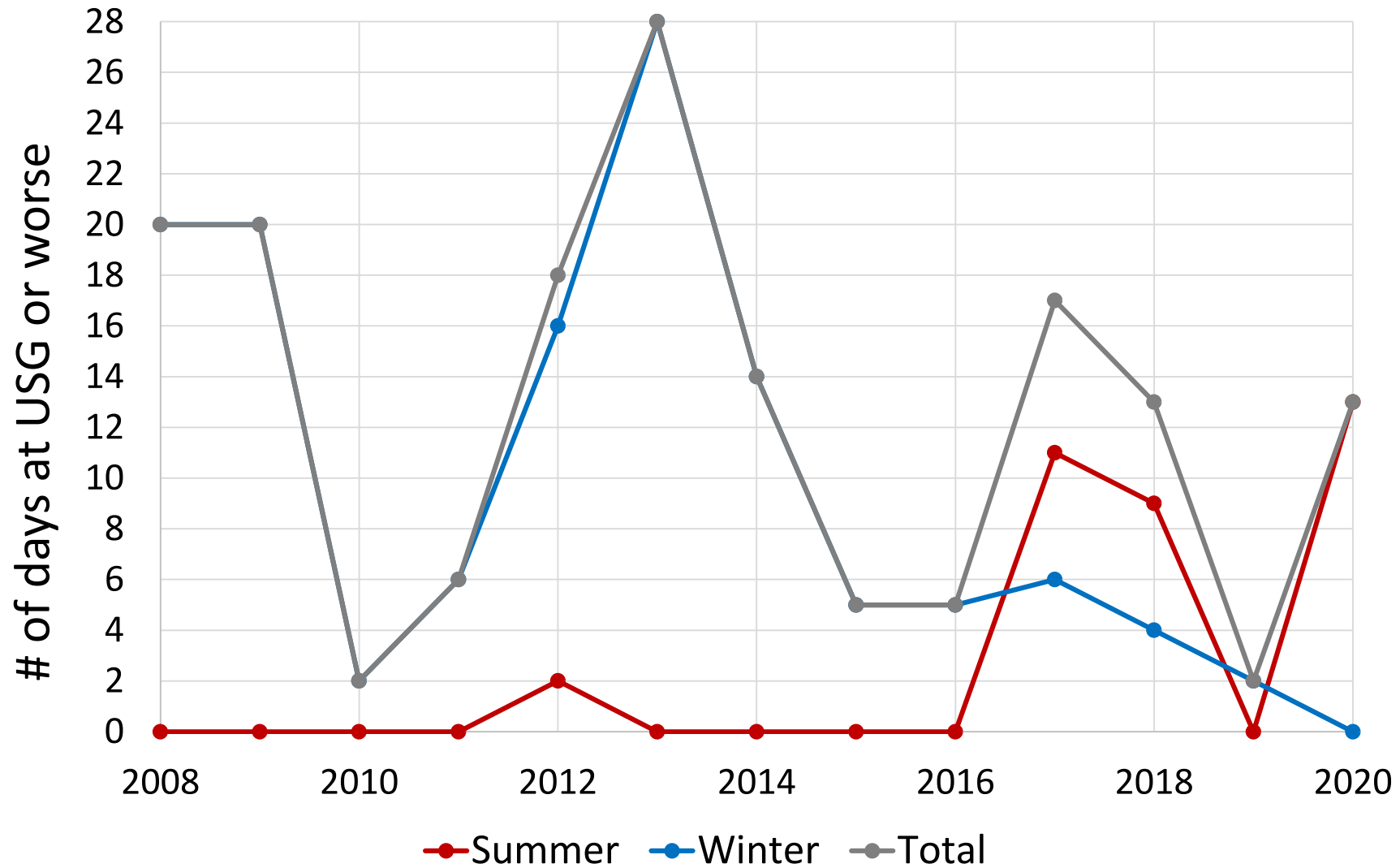
National Ambient Air Quality Standard (annual) 12 $\mu\text{g m}^{-3}$

Washington Air Quality Goal

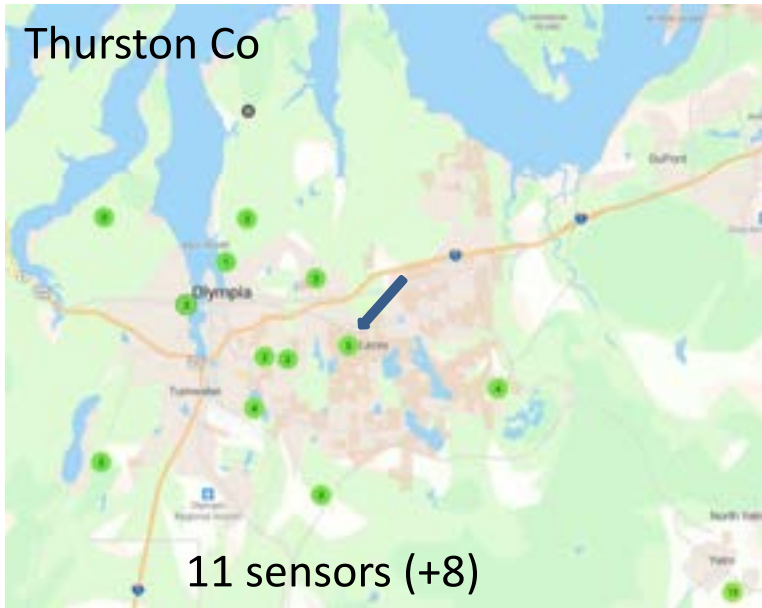
WA AQ goal: 98% of days with PM2.5 less than 20.4 $\mu\text{g m}^{-3}$

	2020 w/ WF	2020 w/out WF	2019
Aberdeen	✗ 58.6 $\mu\text{g m}^{-3}$	✓ 10.0 $\mu\text{g m}^{-3}$	✓ 10.5 $\mu\text{g m}^{-3}$
Lacey	✗ 63.6 $\mu\text{g m}^{-3}$	✓ 13.2 $\mu\text{g m}^{-3}$	✓ 18.1 $\mu\text{g m}^{-3}$
Port Angeles	✗ 53.2 $\mu\text{g m}^{-3}$	✓ 14.5 $\mu\text{g m}^{-3}$	✓ 14.7 $\mu\text{g m}^{-3}$
Port Townsend	✗ 44.6 $\mu\text{g m}^{-3}$	✓ 9.1 $\mu\text{g m}^{-3}$	✓ 10.4 $\mu\text{g m}^{-3}$
Shelton	✗ 58 $\mu\text{g m}^{-3}$	✓ 13.9 $\mu\text{g m}^{-3}$	✓ 14.9 $\mu\text{g m}^{-3}$
South Bend/Raymond	✗ 57.7 $\mu\text{g m}^{-3}$	✓ 10.7 $\mu\text{g m}^{-3}$	-- $\mu\text{g m}^{-3}$

Long term trends in Lacey



Saturation Studies going forward



Jefferson Co – 6 sensors (+4)

Clallam Co – 4 sensors (+2)

Mason Co – 4 sensors (+4)

Grays Harbor – 3 sensors (+2)

Pacific County – 1 sensor (+1)

- Increase in # of public Purple Air sensors following the wildfires
- Purple Air sensors have been collocated with air monitors in Mason and Thurston counties
- Can use these data to evaluate airsheds and complete future saturation studies

Other Monitoring News

- Finished and submitted the final documents to EPA for the community toxics grant
 - One submitted paper under review
- Submitted a new grant to EPA to evaluate current strategies used to reduce wildfire smoke exposure
- Managed to keep “mostly” current on quarterly site visits
- Continued to keep Cheeka Peak functional
- Serving as technical chair for NW AIRQUEST consortium

Contact

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360-539-7610 x105

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<https://www.orcaa.org>



Rules Regarding Fires!

Know When to Burn and What Permits are Needed

Recreational Fires (a.k.a. 'campfires')

You probably don't need a permit but contact ORCAA or your local fire department to be sure.

Recreational fires must be no bigger than 3 feet in diameter, and must be fueled by clean, dry cordwood ('firewood') or charcoal.

Visit www.orcaa.org/outdoor-burning/



Residential Yard-Waste Burning

Permit requirements vary by county. Contact ORCAA or your local fire department for information.

Residential fires refer to the burning of small amounts of yard waste accumulated on residential lots only. Burn piles should contain only dry, natural vegetation. No trash, milled lumber, or construction debris is allowed.

Visit www.orcaa.org/outdoor-burning/

Land Clearing Burning

A permit is needed and will be issued by ORCAA or your local fire department. Fees may be charged.

Land clearing burning refers to the burning of natural vegetation cleared from commercial properties for development purposes as well as larger-scale residential land clearing.

Visit www.orcaa.org/outdoor-burning/



Continued on Reverse

Rules Regarding Fires – *Know When to Burn and What Permits are Needed* (continued)

Agricultural Burning

A permit is needed and will be issued by ORCAA.

ORCAA rules define Ag Burning as: “The burning of vegetative debris from an agricultural operation necessary for disease or pest control, necessary for crop propagation and/or crop rotation, or where identified as a best management practice by the agricultural burning practices and research task force. NOTE: Propane flaming for the purpose of vegetative debris removal is considered commercial agricultural burning.”

Visit www.orcaa.org/outdoor-burning/



Silvicultural Burning

The Washington Department of Natural Resources (DNR) maintains authority over all silvicultural burning in the state. Contact the appropriate DNR regional office for details.

Silvicultural burning encourages forest health and wildfire prevention.

Visit www.dnr.wa.gov/programs-and-services/forest-practices

A Note on Burn Bans

Prior to undertaking any burn, please ensure there are no burn bans in place. Burn Bans can be called for fire safety reasons or for air quality reasons. ORCAA maintains updated information on current burn bans, whether called by fire agencies or by ORCAA, on the agency website, www.ORCAA.org. Individuals may also sign up for ORCAA’s Email Alert Program, found under the “About” tab at the top of the home page of ORCAA’s website.

By signing up, you will be among the first to know when we issue a burn ban or have other air quality news to share.

