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

Regular Meeting February 12, 2020 10:00 am

Be courteous - Please silence all cell phones

1. CALL TO ORDER

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

3. CHAIR REPORT

- 1. Selection of Finance Committee
- Selection of Personnel Committee

4. PUBLIC COMMENT

5. CONSENT AGENDA (action item)

- 1. Minutes of Regular Meeting, January 8, 2020
- 2. Expenditures and Disbursements January 3, 2020 February 6, 2020

6. 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 Air Monitoring Technician)
- 4. Education and Outreach (Dan Nelson, Public Information Officer)
- 5. Finance/Administrative Update (Lynn Harding, Administrative Services Manager)
- 6. Executive Director's Report (Fran McNair, Executive Director)

7. GOOD OF THE ORDER

8. EXECUTIVE SESSION

To discuss any matter suitable for Executive Session under RCW 42.30.110

9. ADJOURN

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

BOARD OF DIRECTORS MEETING

January 8, 2020

Members present: Jim Cooper, City of Olympia (Chair)

Cynthia Pratt, City of Lacey (Vice Chair)

Tye Menser, Thurston County Randy Neatherlin, Mason County

Kate Dean, for Greg Brotherton, Jefferson County

Joan Cathey, City of Tumwater (1007am) Wes Cormier, Grays Harbor County

Members absent: Mary Ellen Winborn, Clallam 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, Air Monitoring Supervisor; Dan Nelson, Public Information Officer; Lynn Harding, Administrative Services Manager; and Debbie Moody, Office

Manager/Recorder

Cooper called the meeting to order at 10:02 a.m.

Cooper asked if the Board had issue with the agenda. Cormier moved approval of the Agenda. The motion was seconded and carried unanimously.

CHAIR REPORT

Cooper noted in February the Chair will be appointing a Finance Committee Chair and committee members. Cormier did let the committee know that he will no longer be able to serve on the committee due to a new scheduling conflict. Cooper asked the Board members to think about whether they can and are willing to serve on the committee so a decision can be made in February.

In April, Cooper continued, we will be doing officer elections and we will need to consider Board Chair and Vice Chair positions.

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 and carried unanimously.

NEW / UNFINISHED BUSINESS

November 2020 Meeting conflict

McNair noted the November meeting date lands on the 11th, which is a holiday. We need to meet 10 times per year, so we need to decide if we want to try and reschedule the November meeting, or cancel it. Historically, McNair explained, we take off a summer month and a winter month, typically August and December. After some discussion the Board chose to cancel July and November for the 2020 year.

Pratt moved to cancel the July and November 2020 Board meetings. The motion was seconded and carried unanimously.

DIRECTORS REPORT

Compliance Program Update

R. Moody noted his team has been out working on complaints and inspections, however there is nothing out of the ordinary to report. R. Moody did mention there are a couple of hearings coming up for PCHB.

Engineering Program Update

Goodin stated there have been quite a few finalized permits since the last meeting. There are a lot of projects going on in our ports, including Contanda, a terminal in Grays Harbor. We have approved them to degas their tanks of methanol. This wasn't anticipated when we original approved the project, but it has been found they need to do this on an annual basis. We have revamped their permit to allow for this, so they aren't having to come back to us annually.

Global Coatings, located at the Port of Port Townsend, is another noteworthy project. This facility performs abrasive blasting on marine vessels and repainting. This was a very successful case in that they came to us prior to leasing a spot at the port. Another project, BHP Billiton Canada, is a potash facility. This project is still in the works and entails storing of potash and then load it into marine going vessels. We are done with our work but waiting on a SEPA determination from Grays Harbor.

Neatherlin asked about the QFC in Belfair, noting the request for an increase to 5 million gallons. Goodin stated the permit is necessary, when you think of 5 million gallons, a small percentage of that gasoline goes up in the air, but it does amount to quite a bit of air pollution in total.

Air Quality Program Update

Hadley stated in January she would normally give an annual summary, however, due to her busy schedule the year-end report will be brought to the Board in February.

November showed a few moderate days in Lacey. Our 24-hour average peak came close to the Unhealthy for Sensitive Groups, but we didn't see any orange days. Hadley stated this is an improvement compared to past years. In the past, weather conditions typically caused us to go into orange. December brought wind so there was less stagnation. We had good air across the board.

The Saturation Study for Mason county is going well. The data shows good correlation with the colocated monitors and the other monitors in the area.

Hadley stated the students are finalizing some experiments for the Community Toxics program. We are trying to wrap things up so they can complete the work by March and then focus on writing reports and a final paper shortly after.

Hadley explained she wanted to propose changes to our Saturation Study format. This has come up due to the increasing popularity of the PurpleAir monitors. More people are installing them, which means there is more data available. Hadley noted how easy it is to locate the PurpleAir monitors, and how inexpensive they are, compared to the other instruments. After talking to McNair and Nelson, we feel we can help the community by providing guidance while getting information in return. The proposal is, instead of doing a Saturation Study in each county, we place PurpleAir monitors throughout our jurisdiction, as well as utilize the ones that are owned by the public.

Hadley did note that we have had no data loss, this year, with our PurpleAir monitors. While we will have access to the public monitors, as we find areas with no monitors, we could purchase and place our own to assure we are covering our counties. We expect, over time, we will see many more of these installed. Hadley also added we could keep a library of these to loan out to schools or the general public. Going this route would change how we do the studies. We have 2 counties left, but instead, we would just start to expand our PurpleAir monitors and analyze the data that way.

Nelson added he has been working with the Northwest Communicators group and they are working on plans to develop coordinated school curriculum and youth group curriculum to do science based or air quality-based science classes. We can provide them with PurpleAir monitors for a few months. Nelson stated it would work in conjunction with Hadley program as well as the other agencies.

Dean stated she was appreciative of the responsiveness to the public. Dean was curious how the correction factor works and is it accurate enough for what we are looking for. Hadley explained the correction factor. It was noted PurpleAir track well with the expensive monitors. They just aren't calibrated well for different regions. There was additional discussion regarding the idea and PurpleAir in general. There was also some discussion regarding a timeline. Hadley noted this is a new idea and she hadn't come up with a timeline yet.

Education and Outreach

Nelson stated we are doing well, in the woodstove reduction/replacement program, in all three counties. Clallam has done a great job getting the information out through their utilities district as well as the newspaper. Mason is still getting a few jobs trickling in. The issue in Mason is there aren't many contractors. Mason PUD has done great by sharing the information with their customers in newsletters and emails. Neatherlin asked if we can ever extend the program out further, such as the Belfair area. Nelson explained, in the next grant cycle we are hoping to expand the areas, however it is based on air quality.

Finance/Administrative Update

Harding asked Pratt to give a brief update on the finance committee meeting. Pratt noted we discussed a policy on the budget, so the committee has a threshold for using authority on the reserves. Harding added the Board has approved the agency to expend up to \$2.4 million (the bottom line). If we need to spend additional funds, we currently go to the Board to dip into our savings. The Finance Committee has requested that, instead of being a bottom-line cap, we do it by category. We will be working with the committee and bring a recommended policy back to the Board. Pratt also noted the committee did review the 5-year maintenance plan (building) and we have requested staff put dollar values on the report and we will work on priorities. The staff also brought us the PEBB vs AWC comparison and we agreed AWC is the better option for ORCAA.

Harding noted we have collected about 49% of our revenues to date here in the 2nd quarter. We have expended 51% of the budget and we feel things are on target. Harding stated we do have one vacancy in the building, it is an office on the first floor and rents for \$325/mo.

Executive Director's Report

McNair explained the legislative session begins next week. McNair pointed out two bills; SB6089 – which deals with odors from marijuana operations. The bill sets up a task force to deal with the marijuana odors, however doesn't include any of the local airs. After speaking with Ecology, they did state they don't deal with the odors, so she questioned why they were on the committee. McNair added, if the bill gets a hearing, she plans to contact Senator Warnick about getting a local air on the committee.

Another bill, HB2247 has to do with conformity with local jurisdictions zoning before the LCB approves a marijuana license. McNair mentioned that the Governor has funds in his supplemental budget for cleaning up homeless sites. Our concern is burning in the camps.

McNair noted she has been talking to the managers and it is time to start going out to the cities and counties to work with the planning department and various staff to remind them to work with us on asbestos, demolitions, outdoor burning, permits, etc. We know there are staff changes, so we want to stay in communication. McNair stated she and Nelson would start making the rounds throughout the jurisdiction.

Pratt asked if staff meet with home owners' association. McNair said Nelson does do that on occasion. We used to go to many of the fairs, McNair continued, however we have found we get better response and coverage attending remodeling type home shows.

Neatherlin noted there are environmental shows and fairs as well.

GOOD OF THE ORDER

Cooper asked if Myers would like to introduce the new attorney. Myers introduced Michael Throgmorton who came via the Attorney General's Office.

ADJOURNMENT

The meeting adjourned at 11:00 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 January 8, 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

January 3, 2020 through February 6, 2020

Fund:	Warrant #'s:	Scheduled Payment Date:	Iss	ue Amount
6471	63007970 - 63007977	January 10	\$	4,863.84
	63007978 - 63007984	January	\$	14,100.00
	63007985 - 63007987	January 17	\$	1,446.57
	63007988 - 63007998	January 24	\$	9,520.31
	63007999 - 63008003	January 30	\$	7,100.00
	551447 - 551463 7947, 7952, 7956	January - Payroll January - Benefits	\$ \$	121,589.72 41,622.88
		Total Expenditures This Period:	\$	200,243.32

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

January 3, 2020 through February 6, 2020

Check #	Date	Payee	Cash Account		Amoun
63007970	1/10/20	Air Handlers Inc.	10200	\$	633.94
63007971	1/10/20	Cabbros Cleaning Services, LLC	10200		800.00
63007972	1/10/20	Comcast Cable Com., Inc.	10200		316.74
63007973	1/10/20	Comcast Cable Com., Inc.	10200		111.54
63007974	1/10/20	State of Washington	10200		331.73
63007975	1/10/20	Employment Security Dept.	10200		925.82
63007976	1/10/20	Labor & Industries	10200		1,565.96
63007977	1/10/20	Verizon Wireless, Bellevue	10200		178.11
63007978	1/10/20	All Weather Heating & Cooling, Inc.	10200		3,600.00
63007979	1/10/20	Capital City Stove	10200		6,500.00
63007980	1/10/20	VOID	10200		0.00
63007981	1/10/20	Everwarm Inc.	10200		1,200.00
63007982	1/10/20	C&C Clean Sweep	10200		500.00
63007983	1/10/20	Olympia Fireplace Supply Inc.	10200		500.00
63007984	1/10/20	Sunset Air Incorporated	10200		1,800.00
63007985	1/17/20	CADRE Inc.	10200		529.20
63007986	1/17/20	Pacific Disposal	10200		66.02
63007987	1/17/20	Puget Sound Energy	10200		851.35
63007988	1/24/20	ABC Legal Services, LLC	10200		84.50
63007989	1/24/20	Bank of America	10200		3,105.36
63007990	1/24/20	Clark County Sheriff's Office	10200		55.00
63007991	1/24/20	Stanley Convergent Sec. Solutions, Inc.	10200		181.98
63007992	1/24/20	Department of Ecology	10200		1,331.83
63007993	1/24/20	Intermedia.net, Inc.	10200		286.70
63007994	1/24/20	Law, Lyman, Daniel,	10200		2,326,95
63007995	1/24/20	Mountain Mist Water	10200		62.74
63007996	1/24/20	Pacific County Department	10200		200.00
63007997	1/24/20	Sunrise Pest Management, Inc.	10200		157.94
63007998	1/24/20	The Evergreen State College	10200		1,727.31
63007999	1/30/20	All Weather Heating & Cooling, Inc.	10200		1,800.00
63008000	1/30/20	G & G Heating	10200		1,800.00
63008001	1/30/20	C&C Clean Sweep	10200		500.00
63008001	1/30/20	Sunset Air Incorporated	10200		1,800.00
63008002	1/30/20	Adelita Townsend	10200		1,200.00
551447-551463	1/31/20	Salaries & Benefits	10200		163,212.60
551777-551705	1/31/20	Salaries & Delicitis	10200	-	103,212.00
Total					200,243.32

Inspections Completed

Between 1/3/2020 and 2/6/2020

Insp.	Date	Inspection Type	File 7	# Source Name	Location	Warning	NOV Issued
AMF							
1	01/08/2020	Full Compliance Evaluation	1198	CONTINUUM	LACEY		
(01/16/2020	Full Compliance Evaluation	1244	CAPITOL CITY PRESS	TUMWATER		
(01/16/2020	Partial Compliance Evaluation	747	WINDFALL LUMBER	TUMWATER		
(01/16/2020	Full Compliance Evaluation	981	TACC	TUMWATER		
(01/16/2020	Full Compliance Evaluation	887	DAY AND NIGHT GROCERY 2	OLYMPIA		
(01/16/2020	Full Compliance Evaluation	936	DAY & NIGHT GROCERY - HARRISON	OLYMPIA		
MS							
	01/07/2020	Full Compliance Evaluation	688	MOUNT ANGELES CREMATORY AKA P	PORT ANGELES	✓	
(01/14/2020	Full Compliance Evaluation	805	DOORS UNLIMITED	OLYMPIA		
(01/14/2020	Full Compliance Evaluation	1222	THURSTON COUNTY FACILITIES	OLYMPIA		
(01/16/2020	Full Compliance Evaluation	639	FOX LUMBER CO	MONTESANO	✓	
(01/28/2020	Driveby	1167	ELMA GROCERY GAS & CARWASH	ELMA		
SMS							
	01/10/2020	Full Compliance Evaluation	1168	ALDERSONS AUTO BODY	PORT ANGELES		
(01/10/2020	Full Compliance Evaluation	1160	ANGELES COLLISION REPAIR	PORT ANGELES		
(01/14/2020	Full Compliance Evaluation	805	DOORS UNLIMITED	OLYMPIA		
(01/14/2020	Full Compliance Evaluation	1222	THURSTON COUNTY FACILITIES	OLYMPIA		
(01/17/2020	Partial Compliance Evaluation	1079	R CORNER GROCERY	PORT ANGELES		
(01/29/2020	Partial Compliance Evaluation	663	JOYCE GENERAL STORE	PORT ANGELES		
TG							
	01/06/2020	Full Compliance Evaluation	318	WASHINGTON STATE DEPARTMENT O	LACEY		
1	01/07/2020	Full Compliance Evaluation	138	LOWES HIW INC - MARTIN WAY #1167	OLYMPIA		
1	01/09/2020	Partial Compliance Evaluation	286	BRUCH & BRUCH CONSTRUCTION	PORT ANGELES		
1	01/10/2020	Full Compliance Evaluation	998	E & L COATINGS NORTHWEST LLC	TENINO		
Duints	.d 2/6/2020	10:56:00 AM					Page 1 of 2

Insp. Date	Inspection Type	File #	Source Name	Location	Warning	NOV Issued
01/10/2020	Full Compliance Evaluation	685	A & R AVIATION SERVICES	TUMWATER		
01/10/2020	Full Compliance Evaluation	573	EVERGREEN STATE COLLEGE	OLYMPIA		
01/16/2020	Full Compliance Evaluation	561	THURSTON COUNTY ACCOUNTABILIT	TUMWATER		
01/29/2020	Full Compliance Evaluation	569	CLALLAM BAY CORRECTIONS CENTE	CLALLAM BAY		
01/29/2020	Full Compliance Evaluation	680	CLALLAM COUNTY PUBLIC WORKS -	CLALLAM BAY		
01/29/2020	Full Compliance Evaluation	1218	MASONS RESORT INC	SEKIU		
01/29/2020	Full Compliance Evaluation	163	OLYMPIC CORRECTIONS CENTER	FORKS		
01/29/2020	Full Compliance Evaluation	282	RAYS GROCERY	SEKIU		
01/30/2020	Full Compliance Evaluation	585	FORKS HIGH SCHOOL - QUILLAYUTE	FORKS		
01/30/2020	Full Compliance Evaluation	832	BURNT MOUNTAIN STORE	BEAVER		
01/30/2020	Full Compliance Evaluation	1139	GARYS PAY & SAVE AUTOBODY	CLALLAM BAY		
01/30/2020	Full Compliance Evaluation	326	ACTI (ANGELES COMPOSITE TECHNO	PORT ANGELES		
01/30/2020	Full Compliance Evaluation	472	HESS MART	CLALLAM BAY		
02/05/2020	Full Compliance Evaluation	1203	CITY OF WESTPORT - WWTP - COMPOS	WESTPORT		
02/05/2020	Full Compliance Evaluation	259	VAUGHAN COMPANY INC	MONTESANO		
02/05/2020	Full Compliance Evaluation	545	OCEAN SHORES WASTE WATER TREA	OCEAN SHORES		

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Asbestos Permit Status Report

Permit #	Rec'd	Site Address	County	Completion Date
18ASB006488	12/14/2018	Puget Sound Energy-All Counties	Thurston	12/31/2019
19ASB006565	2/26/2019	2309 Queets Ave	Grays Harbor	4/12/2019
19ASB006576	3/8/2019	322 Milroy St NW	Thurston	9/9/2019
19ASB006581	3/12/2019	301 T St SW	Thurston	3/27/2019
19ASB006617	4/3/2019	7000 Pacific Ave SE	Thurston	4/3/2020
19ASB006631	4/8/2019	200 East Lauridsen Boulevard	Clallam	5/31/2019
19ASB006641	4/17/2019	4045 49th Ave SW #73	Thurston	5/1/2019
19ASB006643	4/18/2019	615 30th St.	Grays Harbor	5/8/2019
19ASB006649	4/22/2019	490 5th Ave to 415 N Sequim Ave	Clallam	5/21/2019
19ASB006710	6/4/2019	1835 Circle Loop SE	Thurston	6/2/2020
19ASB006732	6/2/2019	939 Caroline St	Clallam	8/31/2020
19ASB006780	8/8/2019	375 Dungeness Meadows	Clallam	8/30/2019
19ASB006790	8/14/2019	80 5th Ave	Jefferson	8/27/2020
19ASB006838	9/20/2019	937 Fern St SW	Thurston	10/2/2019
19ASB006864	10/3/2019	413 Lilly Rd. NE-OR Hallway	Thurston	10/22/2019
19ASB006872	10/11/2019	2641 114th Ave SW	Thurston	6/24/2020
19ASB006892	10/30/2019	5716 Sleater Kinney Road	Thurston	11/29/2019
19ASB006897	11/6/2019	Various	Thurston	12/21/2020
19ASB006900	11/12/2019	300 E Wishkah	Grays Harbor	12/31/2019
19ASB006910	11/15/2019	3014 Lorne St SE	Thurston	11/24/2020
19ASB006922	11/25/2019	COHO Ferry Terminal	Clallam	11/25/2020
19ASB006929	12/4/2019	1815 Marine Drive	Clallam	12/31/2020
19ASB006934	12/9/2019	1 Ediz Hook Rd	Clallam	1/24/2020
19ASB006935	12/9/2019	798 Edgewood Ave NE	Grays Harbor	12/18/2020
19ASB006945	12/20/2019	357 Chocker St SE	Thurston	1/22/2020
19ASB006951	12/30/2019	340 Cleveland Ave	Thurston	1/24/2020
20ASB006953	1/2/2020	Capitol Campus	Thurston	12/31/2020
20ASB006954	1/3/2020	17114 153rd Ave SE #10	Thurston	1/7/2020
20ASB006955	1/3/2020	7611 Holiday Valley Dr NW	Thurston	1/22/2020
20ASB006956	1/3/2020	2700 Evergreen Parkway NW	Thurston	1/17/2020
20ASB006957	1/3/2020	2810 Maple Hills Dr SE	Thurston	1/17/2020
20ASB006959	1/8/2020	13371 W Cloquallum Rd	Grays Harbor	1/17/2021
20ASB006960	1/9/2020	818 N Martin	Thurston	1/10/2020

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Thursday, February 6, 2020

Permit #	Rec'd	Site Address	County	Completion Date
20ASB006961	1/10/2020	821 Thomas Ave	Grays Harbor	1/20/2020
20ASB006962	1/10/2020	516 Washington Street NE	Thurston	3/31/2020
20ASB006966	1/15/2020	3302 80th Ave	Thurston	2/29/2020
20ASB006967	1/16/2020	921 Shamrock Dr	Grays Harbor	1/28/2020
20ASB006968	1/17/2020	3228 Fishtrap Lp NE	Thurston	1/27/2020
20ASB006971	1/21/2020	14 Half Moon Creek Rd	Pacific	1/31/2020
20ASB006972	1/22/2020	103 Percival St NW	Thurston	5/31/2020
20ASB006973	1/22/2020	104 W 4th St, Suite 103	Grays Harbor	2/3/2020
20ASB006974	1/22/2020	1202 Arnold St	Grays Harbor	3/10/2020
20ASB006975	1/23/2020	13011 N Alley	Pacific	4/30/2020
20ASB006978	1/24/2020	3800 14th Ave SE, Bldg E Rm 203	Thurston	2/4/2020
20ASB006979	1/26/2020	217 N 17th St	Grays Harbor	2/5/2020
20ASB006980	1/24/2020	4900 Dabob Rd	Jefferson	2/5/2020
20ASB006981	1/24/2020	1807 Earl	Grays Harbor	2/7/2020
20ASB006982	1/24/2020	156954 Highway 101	Clallam	6/26/2020
20ASB006984	1/28/2020	1033 W Glenwood St	Clallam	2/7/2020
20ASB006985	1/29/2020	1438 W Hwy 101	Clallam	4/13/2020
20ASB006986	1/29/2020	221 N Lincoln St	Clallam	2/14/2020
20ASB006987	1/30/2020	555 Val Vista Dr	Grays Harbor	2/11/2020
20ASB006988	1/29/2020	2700 Evergreen Parkway, Lab 2, R	Thurston	2/13/2020
20ASB006989	1/31/2020	242614 W Highway 101	Clallam	1/31/2020
20ASB006990	1/31/2020	4300 W Cloquallum Rd	Mason	2/28/2020
20ASB006991	1/31/2020	92 US Hwy 101	Grays Harbor	2/4/2020
20ASB006992	1/31/2020	321 River St	Grays Harbor	2/19/2020
20ASB006993	2/3/2020	3948 Martin Way E	Thurston	2/28/2020
20ASB006994	2/4/2020	8306 Quinault Dr NE	Thurston	2/26/2020
20ASB006995	2/5/2020	1650 Circle Lane SE, Chalet U106	Thurston	2/21/2020
20ASB006996	2/5/2020	2101 Boulevard Rd SE	Thurston	2/6/2020
20ASB006997	2/5/2020	522 Lilly Rd NE	Thurston	2/6/2020

Demolition Notifications received between 1/3/2020 and 2/6/2020

Permit#	Rec'd	Staff	Address	City	Status	Asb Survey	Asb Permit #
20DEM005632	1/3/2020)	20 Gary St	Beaver		✓	ASB
20DEM005633	1/8/2020	AMF	415 N Broadway	Westport		•	ASB
20DEM005634	1/8/2020	TG	1512 Conger Ave NW	Olympia			ASB
20DEM005635	1/8/2020	AMF	13933 Solberg Road SE	Yelm		✓	ASB
20DEM005636	1/9/2020	AMF	305 W Pine	Oakville		✓	ASB
20DEM005637	1/10/2020)	516 Washington Street NE	Olympia		✓	20ASB006962
20DEM005638	1/11/2020	AMF	1098 Old Hwy 99	Tenino	Survey received. Notification compl	✓	ASB
20DEM005639	1/13/2020	AMF	2607 18th Ave NE	Olympia		✓	ASB
20DEM005640	1/13/2020	MS	13410 N Place	Ocean Park	MS received a call from Hill and So	✓	ASB
20DEM005641	1/13/2020)	819 S 1st St	Shelton		✓	ASB
20DEM005642	1/15/2020	TG	1612 Ridge Rd	Shelton		✓	ASB
20DEM005643	1/15/2020	AMF	3302 80th Ave SE	Olympia		✓	20ASB006966
20DEM005644	1/17/2020	AMF	31 Central Ave	Pacific Beach		✓	ASB
20DEM005645	1/18/2020	AMF	6802 Fir Tree Rd SE	Olympia		✓	ASB
20DEM005646	1/21/2020	AMF	375 Dungeness Meadows	Sequim			19ASB006780
20DEM005647	1/23/2020	AMF	432 Beacon Hill Dr	Hoquiam	Called for survey - 1/23/2020 4pm	✓	ASB
20DEM005648	1/23/2020	AMF	9101 Steilacom Rd SE #110	Olympia		✓	ASB
20DEM005649	1/24/2020	AMF	9530 Blomberg St, 2907 & 3111 93rd Ave SW	Olympia			ASB
20DEM005650	1/24/2020)	4516 McNeill Street	Port Townsend		✓	ASB
20DEM005651	1/27/2020)	908 Stockwell St	Aberdeen		✓	ASB
20DEM005652	1/27/2020	AMF	831 N First St	Westport			ASB
20DEM005653	1/27/2020	AMF	13011 N Alley	Long Beach		•	20ASB006975
20DEM005654	1/29/2020	AMF	701 Sleater Kinney Rd SE	Lacey	Survey Received 2/3/2020 - Start d		ASB

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Permit#	Rec'd	Staff	Address	City	Status	Asb Survey	Asb Permit #
20DEM005655	1/31/2020	AMF	225 Samper Road	Elma		✓	ASB
20DEM005656	1/31/2020	AMF	395 Corriea Rd	Sequim	Survey received 02/05/2020 - No as	✓	ASB
20DEM005657	1/31/2020	AMF	8306 Quinault Dr NE	Lacey	called to inquire about asb notificati		20ASB006994
20DEM005658	2/2/2020	AMF	616 W 13th	Port Angeles	Called - requested survey -AMF 2/4		ASB
20DEM005659	2/4/2020	AMF	1416 W 5th	Aberdeen	ER Req't - letter & fees rec'd.	✓	ASB
20DEM005660	2/4/2020	MS	249 Keys Rd	Elma	2-5-2020 ER approved. MS	✓	ASB
20DEM005661	2/5/2020	MS	511 Oregon St	South Bend			ASB
20DEM005662	2/5/2020	ı	207 4th St SE	Seaview		✓	ASB

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Current ORCAA Land Clearing Burn Permits

FireDistrict	Expiration	#	Burn Site Address	City
	2/20/2020	4861	Charlie Creek Rd	Aberdeen
	2/26/2020	4863	XXX Bald Hills Rd SE	Yelm
	2/26/2020	4865	10629 138th Ave SE	Rainier
	3/6/2020	4872	458 East Sequim Bay Rd	Sequim
CFD #3, Sequim	2/6/2020	4854	052912130010	Port Angeles
	2/7/2020	4855	458 East Sequim Bay Rd	Sequim
	2/20/2020	4862	Tall Tree Way	Sequim
	2/26/2020	4866	000 Madrona Way	Sequim
GHFD #1, Oakville	2/13/2020	4859	26 Bear Meadow Ln	Aberdeen
JFD #4, Brinnon	2/22/2020	4864	Black Point	Brinnon
	3/4/2020	4869	Lot 22 Olympic Canal Tracts	Brinnon
MFD #12, Matlock	2/9/2020	4858	Parcel 180405320030	McCleary
TFD #12, Tenino	3/1/2020	4802	230 156th Ln	Tenino
	3/1/2020	4868	2740 143rd Ave SE	Tenino
TFD #13, Griffin	2/7/2020	4856	5405 Calvert Rd NW	Olympia
TFD #17, Bald Hills	3/5/2020	4871	14736 Rocky Blue Acres Ln SE	Yelm
TFD #3, Lacey	2/6/2020	4851	10641 Danico Ln SE	Olympia
TFD #8, South Bay	3/6/2020	4873	Par#1192712000	Olympia
TFD #9, McLane	2/14/2020	4860	4737 Goldridge Ln SW	Olympia
	2/27/2020	4867	6017 Northill Loop SW	Olympia

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Complaint Report for period from 1/3/2020 to 2/6/2020

Date	Source	City	Rec'd	Formal O	nline	Smoke	Odor	Open Fire	Dust	Wood-	Asbestos/	Marijuana Other
Bute	bource	City	Acc u	Tormuro		Smore	Outil	Openine	Dust	stove	Demo	Warijaana Other
County:	Clallam											
01/06/2020	Aaron Morgan	Sequim	SMS				✓	✓				
01/07/2020	Deniseq	Sequim	SMS				✓	✓				
01/08/2020	John Bigelow	Port Angeles	JW		✓	✓				✓		
01/31/2020	Ellen Bertoliatti	Port Angeles	SMS					✓				
02/04/2020	Asa Anderson	Port Angeles	SMS									
02/04/2020	Lynn and Thomas Braithwaite	Port Angeles	SMS							✓		
02/05/2020	Denise Yanez	Sequim	SMS							✓		
County:	Grays Harbor											
01/10/2020	SOUND CANNABIS	ABERDEEN	MS									✓
01/28/2020	Real's RV R & R LLC	Elma	MS								✓	
1/30/2020	Shawn and Katy Beebee	Elma	MS			✓		✓				
County:	Jefferson											
01/03/2020	Treehawk Farms	Chimacum	AMF				✓					✓
01/08/2020	TreeHawk Farms	Chimacum	RTM				✓					✓
01/17/2020	Contractor-Diesel Compressor	Port Townsend	DAN				✓					
01/27/2020	furlong, Patricia	Quilcene	JW								✓	
01/28/2020	Construction Company	Port Townsend	SMS									
County:	Mason											
01/03/2020	TBD mj grow	Shelton	AMF				✓					✓
01/30/2020	Fir Lane Health & Rehab Center	Shelton	RTM								✓	
County:	Pacific											
01/03/2020	Dyke & Lise Moen	Ocean Park	SMS			✓		✓				
01/15/2020	Jerry Matzen	Ocean Park	SMS					✓				
01/15/2020	Jerry Matzen	Ocean Park	SMS					✓				
02/01/2020	Dee Tetz	South Bend	MS								✓	
County:	Thurston											
01/03/2020	Dennis McKinlay	Olympia	MS								✓	

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Date	Source	City	Rec'd	Formal (Online	Smoke	Odor	Open Fire	Dust	Wood- stove	Asbestos/ Demo	Marijuana Other
01/03/2020	Robert & Lien Sorger	Olympia	DAN			✓				✓		
01/08/2020	Shannon and Son Pae	Olympia	SMS					✓				
01/13/2020	Kayla Lee	Olympia	JW		✓	✓						
01/13/2020	TBD	Olympia	SMS				✓	✓				
01/21/2020	Erik Skau	Yelm	SMS				✓	✓				
01/22/2020	Smoke	Olympia	JW		✓	✓						
01/23/2020	Charles Totten	Olympia	JW		✓	✓		✓				
01/24/2020	TBD	Tumwater	SMS			✓		✓				
01/24/2020	TBD	Lacey	AMF									
01/25/2020	Downing, Lisa	Olympia	DAN		✓			✓				
01/26/2020	Homeless encampment	Olympia	JW		✓	✓	✓					
01/27/2020	Steve & Vicki Martin	Rainier	SMS					✓				
01/29/2020	Homless encampment	Olympia	JW		✓	✓	✓					
02/02/2020	Stacia Taylor	Olympia	JW		✓					✓		
02/03/2020	Donald and Sandra Asbach	Olympia	SMS				✓	✓				
02/03/2020	Homeless Encampment	Olympia	JW		✓	✓	•					
02/03/2020	Laurie and Martin Caswell	Lacey	MS			✓		•				
02/05/2020	Nieghborhood of	Olympia	JW		✓		✓					
02/05/2020	TBD	Olympia	SMS				✓	✓				

Thursday, February 6, 2020

NOV Monthly Report

For the period 1/3/2020 to 2/6/2020

NOV#	Name	County	Regulation(s)		NOV Issued	Total Due	Date Paid
3839	P&J INVESTORS LLC	THURSTON	Rule 6.1(a)	Failure to file NOC	09/19/2019	\$500.00	
3845	JENSEN	THURSTON	Rule 6.2.5(a)	Burning Prohibitives	07/15/2019	\$10,000.00	
3858	MCCORD	MASON	Rule 6.2.5(a)	Burning Prohibitives	07/29/2019	\$0.00	
3870	PA SHELL	THURSTON	Rule 6.1.8	Conditions in Approval Orders Enforceable	09/09/2019	\$1,000.00	1/29/2020
3885	ARCO - NISQUALLY	THURSTON	Rule 3.1(d)	Failure to pay Annual Registration fees	10/04/2019	\$500.00	1/28/2020
3886	AUDI HERE AUTOMOTIVE	THURSTON	Rule 3.1(d)	Failure to pay Annual Registration fees	10/08/2019	\$830.00	
3887	BLACK LAKE SHELL	THURSTON	Rule 3.1(d)	Failure to pay Annual Registration fees	10/08/2019	\$0.00	
3893	CHINOOK COUNTRY STORE	PACIFIC	Rule 3.1(d)	Failure to pay Annual Registration fees	10/04/2019	\$500.00	1/6/2020
3896	GRAYS HARBOR COMMUNITY HOSPITAL	GRAYS HARBOR	Rule 3.1(d)	Failure to pay Annual Registration fees	10/04/2019	\$915.00	1/7/2020
3897	HIGH TIDE SEAFOODS	CLALLAM	Rule 3.1(d)	Failure to pay Annual Registration fees	10/08/2019	\$500.00	1/15/2020
3900	KETTELS 76 CARWASH & DELI	CLALLAM	Rule 3.1(d)	Failure to pay Annual Registration fees	10/08/2019	\$830.00	
3905	SIMS VIBRATION LABORATORY	MASON	Rule 3.1(d)	Failure to pay Annual Registration fees	10/08/2019	\$500.00	
3908	GRAYS HARBOR COMMUNITY HOSPITAL EAST CAMPUS	GRAYS HARBOR	Rule 3.1(d)	Failure to pay Annual Registration fees	10/04/2019	\$830.00	1/7/2020
3912	NELSON	THURSTON	Rule 6.2.8(c)(4)	Landclearing burn withou permit	10/15/2019	\$500.00	1/13/2020
			Rule 6.2.5(c)	Person must be in attendance of fire			
3914	BAYSHORE STORE	MASON	Rule 8.8	Control Equipment Maintenance and repair	10/29/2019	\$2,000.00	
			Rule 6.2.8(b)	Failure to comply with conditions of permit			
3915	KEMPINSKI	THURSTON	Rule 6.2.5(a)	Burning Prohibitives	10/29/2019	\$500.00	
3919	GILSTRAP	GRAYS HARBOR	Rule 6.2.5(a)	Burning Prohibitives	11/06/2019	\$5,000.00	
3921	MOUNTS	THURSTON	Rule 6.2.4	Summer Burn Ban	11/08/2019	\$250.00	
			Rule 6.2.3	Cities and UGANo Residential or Land Clearing burning			
			Rule 6.2.7(c)	No burning Lacey Olympi Tumwater			

NOV#	Name	County	Regulation(s)		NOV Issued	Total Due	Date Paid
3924	FOOTE	PACIFIC	Rule 6.2.5(a)	Burning Prohibitives	12/03/2019	\$1,000.00	
3926	RAYS GROCERY	CLALLAM	Rule 3.1(d)	Failure to pay Annual Registration fees	12/06/2019	\$500.00	
3928	PETE'S LAWN AND GARDEN	GRAYS HARBOR	WAC 173-425- 050(2)	Outdoor burning-hauled material	12/16/2019	\$250.00	
3934	H2F, LLC: ATTN: MICHAEL J FARRELL AND SAMUEL A HYATT	THURSTON	Rule 6.2.5(a)	Burning Prohibitives	01/17/2020		
3938	BRIANNE HOLSING & JENNIFER ELDREDGE	PACIFIC	Rule 6.2.5(a) Rule 6.2.6(a)	Burning Prohibitives Burn Ban	01/07/2020		
3939	MOEN	PACIFIC	Rule 6.2.5(a)	Burning Prohibitives	01/07/2020		
3940	SING SQUARE LOG HOMES MCCLEARY	GRAYS HARBOR	Rule 6.1(a)	Fairlure to File NOC	02/05/2020		
3941	EDINGER	THURSTON	Rule 6.2.4	Summer Burn Ban	01/17/2020		
			Rule 6.2.5(c)	Person must be in attendance of fire			
					Total:	\$29,905.00	

Industrial / Commercial Air Permits

Pending and Final Permits for period from 01/03/2020 to 02/06/2020

Facility_Name	City	Туре	NOC_No	Facility Category	Description	Eng	Application Received	Status	Date of Status Update
J & J EXTREME AUTOBODY INC	MONTESA NO	NOC	19NOC1413	Automotive Services	install a spray booth	AM	11/25/2019	final permit delivered	2/7/2020
McKINLEY PAPER COMPANY	PORT ANGELES	NOI	19NOI1417	Printing/Paper Products	install a portable generator	MVG	12/17/2019	final permit delivered	1/29/2020
AFC BODY SHOP	LACEY	NOC	19NOC1357	Automotive Services		AM	5/17/2019	waiting on SEPA	7/18/2019
AMERICAN FIBER & FINISHING INC	SEQUIM	NOC	20NOC1423	Manufacturing	laser cutter	LEW	2/5/2020	completeness determination pending	2/6/2020
AQUATIC CO	YELM	RFC	18RFC1287	Fiberglass/Mari ne Services	incorporate conditions from 17NOC1256	MVG	6/1/2018	draft in progress	11/6/2019
ASCENSUS SPECIALTY	ELMA	AOP	15AOP1134	Manufacturing	renew AOP	JAD	11/4/2015	on hold - per source	8/30/2019
ASCENSUS SPECIALTY CHEMICALS LLC	ELMA	NOC	19NOC1411	Manufacturing	revise existing voluntary limit on HAPs in order to characterize the facility as an area sources with respect to all NESHAPs with the intention of withdrawing from the Title V program	JAD	11/15/2019	completeness determination pending	1/29/2020
ASCENSUS SPECIALTY CHEMICALS LLC	ELMA	NOC	19NOC1380	Manufacturing	increase production above historical capacity of the plant	JAD	8/13/2019	completeness determination pending	1/29/2020
BHP BILLITON CANADA INC	HOQUIAM	NOC	18NOC1301	Manufacturing	establish a potash terminal	AM	9/20/2018	on hold - per source	9/18/2019

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Facility_Name	City	Туре	NOC_No	Facility Category	Description	Eng	Application Received	Status	Date of Status Update
CEDAR CREEK CORRECTIONS	LITTLEROC K	MOD	16MOD1143	Corrections Center	modify conditions in approval order	AM	1/28/2016	status update	12/6/2019
GEORGIA PACIFIC CORRUGATED LLC	OLYMPIA	NOC	19NOC1359	Printing/Paper Products	install 38" Bobst Flexo	JAD	5/31/2019	draft pending internal review	2/7/2020
GRAYS HARBOR ENERGY LLC	ELMA	AOP	09AOP672	Energy Production	Air Operating Permit - Initial	MVG	4/24/2009	public noticing period initiated	11/6/2019
J & D PAINTING SERVICES INC	CHIMACU M	NOC	19NOC1397	Automotive Services	after-the-fact installation of a spray booth for liquid coatings	AM	10/17/2019	draft pending source review	2/5/2020
McKINLEY PAPER COMPANY	PORT ANGELES	AOP	18AOP1300	Printing/Paper Products	renew AOP (11AOP816)	MVG	9/4/2018	draft in progress	11/6/2019
PENNY CREEK QUARRY	QUILCENE	NOR	19NOR1415	Sand and Gravel	convert to general order	AM	11/27/2019	draft pending source review	1/29/2020
PORT OF ILWACO- VESSEL DECONSTRUCTION	ILWACO	NOC	20NOC1421	Fiberglass/Mari ne Services	construct a vessel deconstruction operation			initial payment received, hand off to engineers	2/3/2020
PORT TOWNSEND COFFEE CO	PORT TOWNSEN	NOC	20NOC1422	Coffee Roasting	move roasting facility	AM	1/21/2020	draft pending internal review	1/24/2020
PREMIER COLLISION	YELM	NOC	19NOC1369	Automotive Services	permit after-the- fact spray booth	AM	6/24/2019	draft pending source review	2/3/2020
QFC FUEL #101 - BELFAIR	BELFAIR	NOC	19NOC1419	Gasoline Distribution	increase gasoline throughput ot 5 million gallons	LEW	12/20/2019	draft pending source review	2/6/2020
QFC FUEL #870 - PORT HADLOCK	PORT HADLOCK	NOC	19NOC1418	Gasoline Distribution	increase gasoline throughput to 4 million gallons	LEW		hand off to Debbie for final paymnet	1/24/2020
QFC FUEL #870 - PORT HADLOCK	PORT HADLOCK	NOC	19NOC1418	Gasoline Distribution	increase gasoline throughput to 4 million gallons	LEW	12/20/2019	final pending final payment	1/24/2020

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Facility_Name	City	Туре	NOC_No	Facility Category	Description	Eng	Application Received	Status	Date of Status Update
RAINIER GROCERY	RAINIER	NOI	19NOI1412	Gasoline Distribution	after-the-fact approval for establishing a gas station that was permanently closed.	LEW		incomplete application - waiting on data response	1/21/2020
RESURRECTION AUTO BODY AND	OLYMPIA	NOC	17NOC1251	Automotive Services	install after-the-fact spray booth	AM	9/12/2017	on hold - pending initial payment	9/13/2017
ROGERS PAINT GROUP LLC	PORT TOWNSEN	NOC	19NOC1366	Furniture/Cabi net Shops	permit after-the- fact spray booth	AM	6/20/2019	draft pending source review	2/4/2020
SIERRA PACIFIC INDUSTRIES -	ABERDEEN	AOP	12AOP873	Wood Products	renew AOP permit	AM	1/11/2012	draft in progress	7/2/2019
SIERRA PACIFIC INDUSTRIES -	SHELTON	NOR	19NOR1326	Wood Products	modify condition 3G of 15NOC1128	MVG	2/13/2019	hand off to engineers	2/15/2019
SIERRA PACIFIC INDUSTRIES -	SHELTON	RFC	19RFC1321	Wood Products	Align due dates for ACC and SAMR	MVG	2/1/2019	draft in progress	11/6/2019
SIMPSON DOOR CO	McCLEARY	RFC	19RFC1319	Wood Products	correct condition R2	MVG	1/30/2019	draft in progress	2/1/2019
WASHINGTON ARMY NATIONAL GUARD-THURSTON	TUMWATE R	NOC	20NOC1425	Government	install an emergency generator	MVG		incomplete application - waiting on data response	2/7/2020
WESTPORT LLC	WESTPORT	AOP	14AOP1029	Fiberglass/Mari ne Services	renew AOP	JAD	3/7/2014	draft in progress	2/4/2020
WESTPORT LLC	WESTPORT	REV	09REV702	Fiberglass/Mari ne Services	modify #07AOP575 to remove conditions 4.18 and 6.12 and incorporate requirements from 40 CFR Part 63 Subpart II.	JAD	9/3/2009	draft in progress	11/4/2019
WHOLE FOODS MARKET	LACEY	NOC	19NOC1399	Retail Services	install 3 emergency generators	AM	10/30/2019	final pending final payment	2/5/2020

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Air Quality Monitoring Report 2019 Annual Summary January 2020

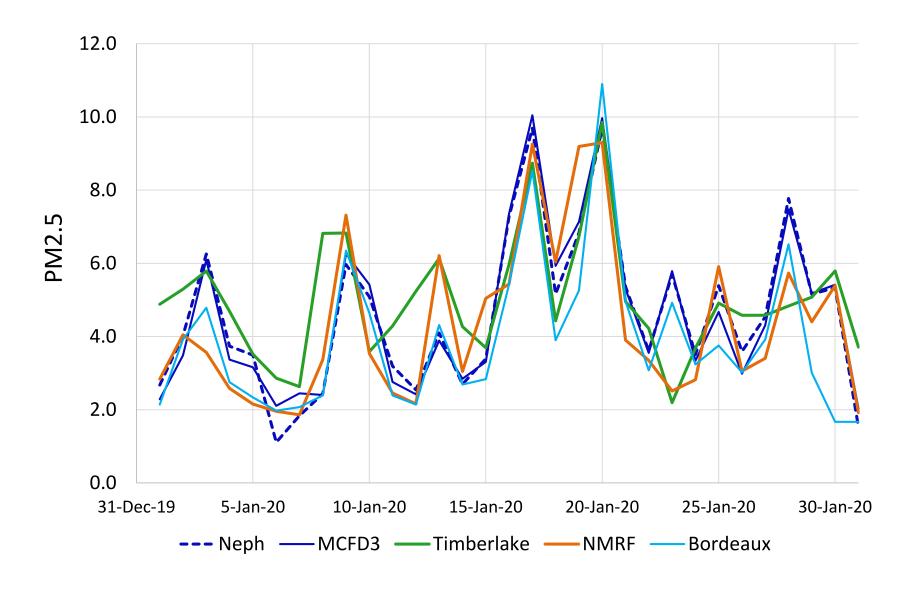
Odelle Hadley, PhD

2020 January Air Quality Summary – PM2.5

	Minimum	Average	Maximum	G O O	M O D	U S G	U H	V UH
Aberdeen	1.5	3.9	6.3	31				
Cheeka Peak ¹	0	0.7	2	26				
Lacey	0.7	3.3	9.3	31				
Port Angeles	1.6	7.5	15.8	29	2			
Port Townsend ²	2.5	3.4	5.2	28				
Shelton	1.1	4.5	9.6	31				
Raymond	1.7	4.1	6.8	31				

- 1. Power loss is common in the winter
- 2. Communication breakdown over the weekend; datalogger was restarted on Monday

Mason County Saturation Study



January Monitoring Activities

Odelle

Ambient monitoring

- Forecasting
- Data processing & analysis
- Quarterly QC at Lacey

Cheeka Peak

- Repair zero air generator
- Site visit
- Prepare reports for EPA

Community Toxics

- Work with students on testing their method in the field
- Prepare reports for EPA

Nick

Ambient monitoring and PM2.5

- Quarterly QC at Aberdeen
- Quarterly QC at Port Townsend
- Quarterly QC at Port Angeles
 - Additional site visit to fix communication

2019 Annual Air Quality Summary – PM2.5

	Minimum	Average	Maximum	G O O	M O D	U S G	U H	V U H
Aberdeen	1.8 μg m ⁻³	5.2 μg m ⁻³	15 μg m ⁻³	268	1			•
Cheeka Peak	0 μg m ⁻³	1.9 μg m ⁻³	10.3 μg m ⁻³	348				
Lacey	1.4 μg m ⁻³	6.4 μg m ⁻³	21.7 μg m ⁻³	303	24	2		
Port Angeles	2.3 μg m ⁻³	6.7 μg m ⁻³	21 μg m ⁻³	354	10	1		
Port Townsend	2.8 μg m ⁻³	5.1 μg m ⁻³	12.2 μg m ⁻³	365				
Shelton	0.9 μg m ⁻³	5.9 μg m ⁻³	21.8 μg m ⁻³	361		2		
Raymond ¹	-	-	-					

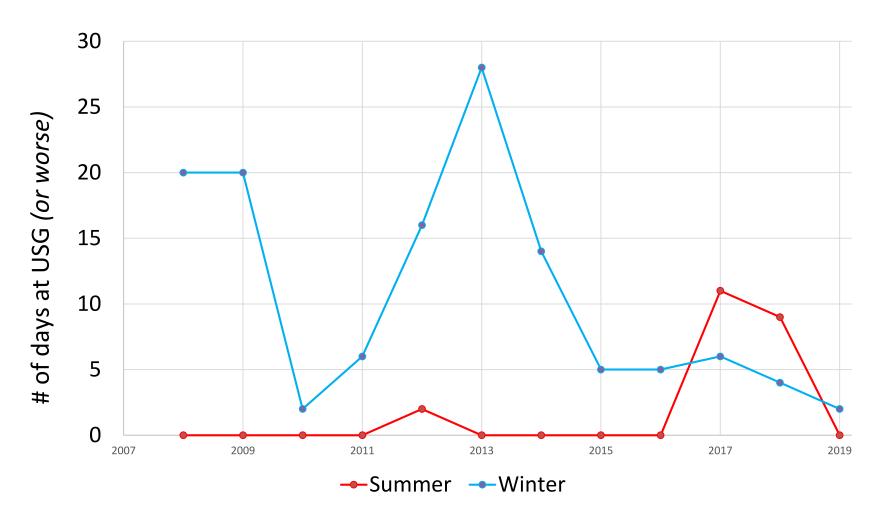
1. This site was down for several months and then moved to a new location

Washington Air Quality Goal

WA AQ goal: 98% of
days with PM2.5 less

days with PM2.5 less than 20.4 μg m ⁻³	2018 w/ WF	2018 w/out WF	2019
Aberdeen	μg m ⁻³	☑ 10.9 μg m ⁻³	☑ 10.5 µg m ⁻³
Lacey	≥ 28.1 μg m ⁻³	☐ 20.4 μg m ⁻³	☑ 18.1 µg m ⁻³
Port Angeles	⊠ 41.9 μg m ⁻³	☑ 17.1 μg m ⁻³	☑ 14.7 µg m ⁻³
Port Townsend	⊠ 34.8 μg m ⁻³	☑ 11.6 μg m ⁻³	☑ 10.4 µg m ⁻³
Shelton	区 26.6 μg m⁻³	☑ 16.2 μg m ⁻³	☑ 14.9 µg m ⁻³
South Bend/Raymond	区 20.6 μg m ⁻³	☑ 10 μg m ⁻³	μg m ⁻³

Long term trends in Lacey



Contact

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Quarterly Progress Report on 2018 Strategic Plan Fiscal Year 2020 2nd QUARTER Summary

SUMMARY: In 2018 the staff of Olympic Region Clean Air Agency (ORCAA), at the direction of the Board of Directors (Board), developed a new Strategic Plan to guide agency operations. ORCAA created this Plan as a dynamic document, to establish guidelines for on-going programs as well as time-limited activities and grants. The Plan was implemented at the start of Fiscal Year 2019 (FY19) which began July 1, 2018. Under the plan, ORCAA staff presents the Board with quarterly updates on Strategic Plan objectives.

The following is a summary of the second quarter work of the second year(Q2-FY20) of the strategic plan.

1. Ensure compliance with local, state and federal clean air regulations

- This is a continual process. As of the end of Q2 FY2020, there aren't any new Federal Regulations in place.
- ORCAA staff ensured the agency complied with the NAAQS through inspections, permitting, monitoring, outreach and enforcement.
- We worked with other local air agencies and Ecology on the proposed DNR Smoke Management Plan, especially on how it may impact air quality, burning in the UGA.
- The Monitoring section completed a quarterly report tracking maintenance and QA/QC activities at Lacey, Aberdeen and Port Angeles PM_{2.5} sites. Similar information on the sites in Port Townsend, Shelton, and Raymond is tracked monthly in board reports.
- Monitoring staff made three trips to Cheeka Peak (CPO) to maintain and repair instruments and ensure we are meeting state QAPP for air data. The site also passed the bi-annual state audit in October.
- ORCAA worked with the Department of Ecology (ECY) to revise the trace gas standard operating procedures (SOP) at CPO to address EPA findings after the total system audit.
- Continued to monitor the Purple Air sensor installed at Shelton Fire station, Timberlakes Community Center, North Mason Regional Fire in Belfair, and Bordeaux Elementary in Shelton. Staff analyzed and evaluated data monthly. This also serves as an evaluation on low cost sensors commonly used by members of the public.
- Developed a new plan for continuous saturation studies across all our regions using Purple Air sensors. This would allow us to evaluate all county air monitors as well as provide guidance to the public about how best to use and interpret low cost sensor data.
- Several members of ORCAA staff worked with the City of Olympia and Thurston County to address ongoing homeless issues.

- O The ORCAA team brought together a meeting of the City of Olympia, Thurston County, a volunteer group, and ORCAA staff to talk about air quality issues in the Jungle homeless area. The burning of prohibitive materials caused extreme air quality problems for the employees at InterCity Transit.
- ORCAA worked within the group to draft plans for cleaning up the garbage to stop illegal burning. ORCAA coordinated efforts between the city and the county. A follow-up meeting is slated for late winter.
- The ORCAA Executive Director contacted ECY to look for funding from the Toxics account for clean-up of the Jungle site.
- ORCAA initiated an amendment to ORCAA rules to include Adopt by Reference (ABR) new and revised federal regulations. The public hearing was held November 13, 2019. The CR103 was filed December 3, 2019.
- ORCAA staff completed 71 inspections during the quarter.
- Eight land clearing burn permits were issued in 5 of our 6 counties. (Mason County manages the burn permit program on their own). ORCAA's permit program is effective and efficient.
- In December of 2019, ORCAA staff devised an implementation plan and revised Notice of Construction (NOC) air permit templates to align with adopted revisions to Washington's rules for approving new sources of Toxic Air Pollutants (TAP) under Chapter 173-460 WAC. The revised rules became effective December 23, 2019 and included revised Acceptable Source Impact Levels (ASILs) for several Toxic Air Pollutants (TAP). ORCAA revised NOC templates for auto body repair shops, rock crushing operations and cabinet shops to align with the revised rule. NOC templates for other industry categories will be revised as new NOC applications are received.
- From October 1 through December 31, 2019, ORCAA staff completed and issued air permits for 31 businesses. During the same time period, ORCAA issued a final Air Operating Permit renewal for the Weyerhaeuser Raymond facility.

2. Promote agency visibility and continue strengthening community partnerships

- ORCAA staff coordinated with partner agencies at the local, state, and federal levels on wood smoke issues. These included developing educational materials teaching residents how to best protect their health during wildfire smoke incursion events, as well as how to minimize smoke production from their own activities (indoor and outdoor burning).
 - ORCAA used local radio, newspaper, and social media channels to promote the Wood Smoke Reduction Grant provided by ECY. This included outreach in Thurston, Mason, and Clallam Counties.

- The Executive Director, Public information Officer, and Compliance Supervisor staff continued to promote coordination with the cities of Olympia, Lacey and Tumwater as well as Thurston County to spread awareness of the outdoor burning regulations within cities and UGAs.
- ORCAA continues to participate in the Thurston County Fire Chief's and Thurston County Coordination meetings. ORCAA's presence helps continue strong relations and good communications with these partner agencies.
- Student interns from the Evergreen State College have completed method development for collecting and analyzing ambient air samples for acrolein. They are in the process of evaluating uncertainties and robustness of the method. We are also field testing the method. Preparation of two papers has begun. ORCAA meets monthly with TESC staff and students to monitor progress on this phase of the project.
- ORCAA's Senior Air Monitoring Specialist gave a presentation about ORCAA and careers in air quality to an advanced level chemistry class at the Evergreen State College during career week.
- Staff presented a poster on our Community Toxics Project at the American Association for Aerosol Research fall meeting in Portland, Oregon.
 - Students also presented a poster on their method development for Acrolein analysis
- As a member of the NW Air Quality Communicators, the PIO coordinated with other local air agencies, as well as tribal, federal, and various state agencies (including DNR and Ecology from Washington, and DEQ from Idaho and Oregon) to plan better coordination of communications about wildfire smoke events in the region.

3. Continue increasing the effectiveness and efficiency of permit programs

- ORCAA's outreach staff, after consultation with the compliance section, started development of new educational tools to help the planning/permitting staffs at cities and counties ensure residents and businesses met ORCAA permitting requirements when applying for permits from those other local jurisdictions.
- Outreach staff continually updates the agency website with current NOC applications to ensure the public has the information needed to understand, and/or comment on any new or updated business.
- The agency website was also updated with a range of public records, such as all Asbestos Permit applications (going back to 2012) and a searchable map of all registered sources.
- ORCAA co-hosted the EPA Region10 Title V Permit Writer's Workshop which took place September 4-5 in 2019. The Workshop

provided training and an opportunity to collaborate in the area of Title V permitting (Also known as: Air Operating Permits). The workshop was attended by over 80 air permit writers from Washington, Oregon, Alaska, Hawaii and Idaho. ORCAA staff gave the keynote speech for the workshop, provided the M.C. and chaired/presented for the Permit Issuance, Monitoring and Compliance & Enforcement sessions.

4. Continue safeguarding agency assets

- As part of its ongoing processes, ORCAA staff reviews and approves financial statements, all contracts, and accounts payable meeting state and federal requirements.
- ORCAA completed a successful audit by the Department of Retirement Services.
- Staff managed various maintenance and safety issues for the agencyowned building.
- ORCAA management staff completed initial draft Health Safety Assessments (HASs) for boiler, auto body shop, polyester resin manufacturing and lumber mill facilities. HSAs describe hazards and risks involved in inspecting an industry category or piece of equipment and establish safety protocols for ORCAA inspections.

5. Attract and retain high quality staff

- ORCAA Administration staff continues to monitor all changes to the agency's benefit plans as provided by Association of Washington Cities (AWC).
 - In the interest of ensuring the most efficient use of agency resources, staff compared the benefits packages available from AWC with other alternatives (i.e. the PEBB). The existing program proved most cost effective.
- ORCAA staff attended conferences and training events, variously as presenters, trainers, and attendees.
- ORCAA staff continues to attend both required and desirable conferences and training events, variously as presenters, trainers, and attendees.
- In order to continue to assure staff has a safe work environment, ORCAA's Safety Committee drafted additional health and safety assessments. This process continues to be a work in progress.