

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

Regular Meeting

July 10, 2019  
10:00 am

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***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**
- 4. PUBLIC COMMENT**
- 5. CONSENT AGENDA** (*action item*)
  1. Minutes of Regular Meeting, June 12, 2019
  2. Expenditures and Disbursements – June 7, 2019 – July 3, 2019
- 6. PUBLIC HEARING**
  1. Gas Station Rule (*action item*)
  2. NOI Fee for Gasoline Dispensing Facilities (*action item*)
- 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 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*)
- 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  
2940 Limited Lane NW  
Olympia, Washington 98502

**BOARD OF DIRECTORS MEETING**

June 12, 2019

Members present: Jim Cooper, City of Olympia (Chair)  
Cynthia Pratt, City of Lacey (Vice Chair)  
Tye Menser, Thurston County  
Mike Runyon, Pacific County  
Wes Cormier, Grays Harbor County  
Randy Neatherlin, Mason County  
Greg Brotherton, Jefferson County

Members absent: Joan Cathey, City of Tumwater  
Mary Ellen Winborn, Clallam County

Legal Counsel: Jeff Myers of Law, Lyman, Daniel, Kamerrer and Bogdanovich

Staff Present: Fran McNair, Executive Director; Robert Moody, Compliance Manager;  
Jennifer DeMay, Engineering Manager; Odelle Hadley, Air Monitoring  
Supervisor; Dan Nelson, Public Information Officer; and Debbie Moody,  
Office Manager/Recorder

Cooper called the meeting to order at 10:01 a.m.

Cooper noted Board consensus for the Agenda.

**CHAIR REPORT**

Cooper wanted to share staff met with the Finance Committee and stated we are likely to finish the year out without using any of the anticipated reserve, and, may be returning up to \$50,000 to the reserves. Staff will give a more detailed report on the budget later in the agenda.

**PUBLIC COMMENT**

There were no public comments.

**CONSENT AGENDA**

Cooper asked approval of the Consent Agenda. Cormier moved approval of the Consent Agenda. The motion was seconded and carried unanimously.

**PUBLIC HEARING**

Fiscal Year 202 Budget

McNair noted the proposed budget was included in the packet. We did rent the remaining space upstairs, McNair explained, so rather than budget \$216K of our reserves, it is now \$200K. McNair reminded the Board we have several reserve funds and for Fiscal Year 2020 we will be adding

funds to the database reserve. McNair explained the fees are included in the budget. The fees and salaries were increased by a CPI of 2.9%. Cooper asked if there were any questions and noted the opening of the hearing (was left open from May meeting). Cooper closed the hearing at 10:04am.

Cooper stated the Finance Committee has 2 recommendations for the Board; we recommend an action to increase the director's salary by the same 2.9%, the second recommendation is to approve the budget as presented. (Menser arrived at 10:05am)

Neatherlin moved to approve the director's salary as recommended. The motion was seconded and carried unanimously.

Neatherlin moved approval of the proposed budget and fees. The motion was seconded and carried unanimously. (Brotherton arrived at 10:07am).

## **DIRECTORS REPORT**

### Compliance Program Update

R. Moody stated his team, which is now fully staffed, has been working hard to get caught up on inspections. R. Moody stated he didn't have anything of significance to report. Neatherlin asked if there was anything going on in his area he needed to be aware of. R. Moody noted the Fire Marshall has declared burn restrictions.

### Engineering Program Update

Jennifer DeMay, in for Goodin, explained several permits have been issued since the previous meeting. In addition to those listed, City of Long Beach Composting facility was issued yesterday. There are several waiting on final payments as well, DeMay noted. BHP is a pot ash export facility that is currently in the applicant review process. We are thinking that permit may require public comment. McNair added the applicant will be coming in to meet with staff this week. DeMay stated McKinley went out for public comment today and is posted on our website. We have scheduled a hearing for this permit and it will be August 1 in Port Angeles.

DeMay gave a brief presentation on Emissions Inventory.

### Air Quality Program Update

Hadley explained May, June and July are generally good air quality months, with July being the beginning of wildfire/smoke issues. We had some issues at our Aberdeen site, having a failed QC so we may lose 2 weeks in May. We are still looking for a new site for our South Bend monitors. The school is currently hosting it; however, they will be doing some construction, so we do need to move the monitors.

The Mason County Saturation Study is underway, and we are happy with the results we have been getting. Hadley noted the monitors are correlating well with our permanent site. The ozone monitors are online as May is the start of ozone season. Hadley did note Ecology is currently testing a new type of ozone monitor and it is shown on the chart.

Hadley stated she has been running the Lacey site while working with the interns on the Community Toxics project. Hadley did present some information on our Community Toxics project recently and EPA is happy with our progress. Hadley noted we did purchase our new truck for air monitoring and are currently waiting for the canopy. We are pleased to be able to have safety restraints in the back

of the truck for transporting our gas cylinders. McNair noted we did sell the Element. Hadley explained one of our students has graduated and was offered, and accepted, a job up in Seattle. She will be attending the Quebec City conference, but other than that, she will not finish the project. Hadley noted we will be hiring a new student and will assist in finishing the project. We are hoping to give the Board a presentation in September or October.

Neatherlin asked if the information is available so people can make decisions regarding kids and outside activities. Hadley showed the Board the Purple Air website where they can access real-time data.

### Education and Outreach

Nelson noted woodsmoke has been keeping him busy this previous month. Nelson spent a week in Seattle working with the communicators group and attending a multi-agency conference related to woodsmoke and wildfires. Nelson reiterated the importance of contacting the DOH websites for health-related information during smoke issues. Nelson stated they do list information related to whether to cancel outdoor activities.

Nelson explained we have yet to hear back from Ecology on the woodsmoke reduction grant for this coming season. The current cycle ends June 30. The legislature did pass a budget that includes \$2+ million for the next biennium, plus the carryover from this past year. We did expand our geographic range in our application, Nelson stated. We requested all of Thurston County as well as Port Angeles, Sequim and Shelton, including 5 miles zone outside their Urban Growth Area. Our request was for \$287,000 for the biennium, Nelson noted. We are hoping we hear soon, as we plan on starting in mid-July. McNair stated we will be allowing installation of pellet stoves in the other areas because they don't have natural gas; however, wood burning devices are not an option in Thurston County.

### Finance/Administrative Update

McNair noted Harding was not available for the meeting.

### Executive Director's Report

McNair explained she and Goodin had traveled to Port Angeles to meet with McKinley. It was a great meeting and we stressed to them the importance of public outreach, based upon the history of the area, and they agreed. McKinley did request we hold a public hearing and we have scheduled that for August 1 and it will be held at the Clallam County Courthouse, in Port Angeles.

McNair stated, during the legislative session bill 1784 passed. This bill had a part that dealt with silvicultural burning and burning to prevent wildfires in the Urban Growth Areas. McNair explained the bill lacked any involvement with the local air agencies and there was nothing in the bill stating they had to consult with Ecology until there was over 100 tons of material. We wanted to make sure DNR understood how the air directors felt about the bill. During a meeting we presented our issues and they did commit to getting the directors a map that will show where the UGAs are that could be impacted. The group will be sending a letter to DNR, restating our issues. Cooper asked if we are prohibited from making any regulations around DNRs burning in the UGAs. McNair stated it isn't our issue as it is fire safety, not air pollution. Cooper asked if the county board of health could require interaction before fires are lit. McNair stated counties/cities can do that.

McNair noted she has been having a conversation with Thurston County regarding the expansion of our no-burn areas. The RCW states every three years the locals should be looking at reasonable

alternatives to burning. Thurston County has many options, other than burning, that we should be discussing. McNair stated we would like to have this discussion in September, along with Thurston County, regarding options to contain burning or reduce the time for when burning occurs. McNair did note, her goal would be no burning in Thurston County. Pierce, Snohomish, King and Kitsap have banned land clearing burning, McNair stated. There was some discussion, McNair explained, that Thurston County will be working closer with DNR with regards to their summer burn ban. Thurston County is the only county that has the burn dates listed in our regulations. McNair stated we are ok with having them call the ban earlier than what is in our regulations (July 15). Menser agreed, noting the decision was to tie the ban to DNR.

## **GOOD OF THE ORDER**

For the Good of the Order, Cooper reminded the Board that Pratt will be chairing as he will be out of town. Cooper also noted there will be no meeting in August.

## **ADJOURNMENT**

The meeting adjourned at 10:55 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 June 12, 2019, 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

June 7, 2019 through July 3, 2019

<i><b>Fund:</b></i>	<i><b>Warrant #'s:</b></i>	<i><b>Scheduled Payment Date:</b></i>	<i><b>Issue Amount</b></i>
6471			
	63007697 - 63007714	June 11	\$17,088.58
	63007715 - 63007728	June 20	\$18,107.04
	63007729 - 63007743	June 27	\$9,107.35
	63007744 - 63007748	June 28	\$8,816.47
	63007749 - 63007753	June 28	\$4,116.26
	Auto - Mo. Wire Transfer	T.C. Accounting Charge	\$535.84
	3062500, 534257 - 534275	June - Payroll	\$118,489.78
	7796, 7797, 7801	June - Benefits	\$39,559.96
<i><b>Total Expenditures This Period:</b></i>			<u><u><b>\$215,821.28</b></u></u>

**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  
June 7, 2019 through July 3, 2019

Check #	Date	Payee	Cash Account	Amount
63007697	6/11/19	Capital City Stove	10200	\$ 2,400.00
63007698	6/11/19	City of Olympia	10200	132.00
63007699	6/11/19	Comcast Cable Com., Inc.	10200	111.54
63007700	6/11/19	Anthony Cutler	10200	46.98
63007701	6/11/19	Eastern Research Group, Inc.	10200	6,515.00
63007702	6/11/19	Fed Ex	10200	35.81
63007703	6/11/19	Intermedia.net, Inc.	10200	286.98
63007704	6/11/19	Law, Lyman, Daniel,	10200	4,190.25
63007705	6/11/19	Francea L. McNair	10200	18.92
63007706	6/11/19	Mountain Mist Water	10200	38.02
63007707	6/11/19	LeMay Inc-Pacific Disposal	10200	62.55
63007708	6/11/19	Puget Sound Energy	10200	667.73
63007709	6/11/19	PUD #1 of Clallam County	10200	211.58
63007710	6/11/19	Ruth Schumaker	10200	37.12
63007711	6/11/19	Sound Publishing Inc.	10200	279.28
63007712	6/11/19	Sunrise Pest Management, Inc.	10200	78.97
63007713	6/11/19	Sunset Air Incorporated	10200	1,800.00
63007714	6/11/19	Verizon Wireless, Bellevue	10200	175.85
63007715	6/20/19	2BTechnologies	10200	1,601.25
63007716	6/20/19	Bank of America	10200	3,114.69
63007717	6/20/19	Greg Brotherton	10200	87.58
63007718	6/20/19	Capital Business Machines, Inc.	10200	111.83
63007719	6/20/19	Department of Ecology	10200	1,918.52
63007720	6/20/19	Enduris Washington	10200	53.00
63007721	6/20/19	Eastern Research Group, Inc.	10200	6,333.00
63007722	6/20/19	Intermedia.net, Inc.	10200	287.31
63007723	6/20/19	Mountain Mist Water	10200	31.37
63007724	6/20/19	Office Depot	10200	242.52
63007725	6/20/19	Perfect Temp, Inc.	10200	1,200.00
63007726	6/20/19	Snohomish County Sheriffs Office	10200	100.00
63007727	6/20/19	Sunset Air Incorporated	10200	3,000.00
63007728	6/20/19	Jackie Wallner	10200	25.97
63007729	6/27/19	Air Handlers Inc.	10200	677.66
63007730	6/27/19	Cheryl Brown	10200	520.00
63007731	6/27/19	CADRE Inc.	10200	125.00
63007732	6/27/19	City of Olympia	10200	642.13
63007733	6/27/19	Coumbs RV Truck Acc.	10200	2,257.05
63007734	6/27/19	Employment Security Dept.	10200	1,473.00
63007735	6/27/19	Fed Ex	10200	9.92
63007736	6/27/19	Labor & Industries	10200	1,051.25
63007737	6/27/19	MinuteMan Press	10200	1,155.74
63007738	6/27/19	North Pacific Electric, Inc.	10200	147.56
63007739	6/27/19	The Olympian	10200	270.20
63007740	6/27/19	PUD #1 of Clallam County	10200	225.54
63007741	6/27/19	Sound Publishing Inc.	10200	302.30
63007742	6/27/19	Washington Finance Officers Assoc.	10200	250.00
63007731V	6/27/19	CADRE Inc.	10200	-125.00
63007743	6/27/19	CADRE Inc.	10200	125.00
63007744	6/28/19	Capital City Stove	10200	1,200.00
63007745	6/28/19	Olympia Fireplace Supply Inc.	10200	1,200.00
63007746	6/28/19	Praxair Distributing, Inc.	10200	606.43
63007747	6/28/19	Steven Smith	10200	1,800.00
63007748	6/28/19	The Evergreen State College	10200	4,010.04
63007749	6/28/19	Americool Heating and Air	10200	1,800.00
63007750	6/28/19	Comcast Cable Com., Inc.	10200	316.11
63007751	6/28/19	Mountain Mist Water	10200	24.26
63007752	6/28/19	Sunset Air Incorporated	10200	1,800.00
63007753	6/28/19	Verizon Wireless, Bellevue	10200	175.89
534257-534275	6/28/19	Salaries & Benefits	10200	158,049.74
Auto-Transfer	6/30/19	Thurston County Treasurer's Office	10200	535.84
Total				\$ 215,821.28



**BOARD OF DIRECTORS MEETING**  
**July 10, 2019**

**SUBJECT:** Public Hearing for changes to gas station regulations

**STAFF CONTACT:** Lauren Whybrew, Engineer I (360) 539-7610, ext. 107,  
lauren.whybrew@orcaa.org

<b>REQUESTED BOARD ACTION:</b>	<b>If appropriate, pass a motion to adopt changes to ORCAA Rules 6.1, 6.1.10 and 8.12 as detailed in the attachments.</b>
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<b>STAFF RECOMMENDATION:</b>	<b>Adopt the changes as attached.</b>
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**DOCUMENTS ATTACHED:** Summary of significant changes (page 3)

**BUDGET IMPACT & SOURCE OF FUNDS:** None

**PRESENTERS AND OTHERS NOTIFIED:** Lauren Whybrew, Engineer I

**BACKGROUND:** No comments have been received as of July 2, 2019 regarding the proposed Rule changes. No changes were made to what the Board of Directors reviewed at the May 8, 2019 meeting.

As background, ORCAA sent postcards to all registered gas stations in our jurisdiction seeking comment. We sent emails to those signed up with ORCAA for public notices which includes media outlets and posted the information on our social media accounts. The number of ORCAA website page-views increased during this time. We held a workshop at the Olympia Community Center on March 20, 2019 where comments were accepted and incorporated into the draft regulations that were presented to the Board of Directors on May 8, 2019. As directed by the Board, the



proposed regulation changes were published in the Washington State Register. A Determination of Non-significance was published in the State Environmental Protection Act Register. Legal notices were published in the Daily World, Aberdeen; The Olympian, Olympia; and the Peninsula Daily News, Port Angeles regarding the Public Hearing on July 10, 2019.

ORCAA regulates approximately 280 gas stations. New and modified gas stations are typically required to submit a Notice of Construction (NOC) application. This update streamlines permitting for this large source category. Approval better serves the gas station industry as it more clearly outlines current requirements and standards for equipment, maintenance, self-inspections and testing.

### **Summary of Significant Changes**

- Moved from a permit system to a notification system to streamline the permitting process for qualifying gas stations. Gas stations will need to meet certain pre-requisites to qualify for the notification system in lieu of a permit
- Best Available Control Technology (BACT) will continue to be a requirement
- A Notice of Intent will need to be filed 15 days prior to commencing construction to allow for business assistance as needed
- Updated ORCAA's Rule 8.12 (Gasoline dispensing facilities) to incorporate applicable federal and state standards
- ORCAA's Rule 6.1 and 6.1.10 will be updated to align with changes in Rule 8.12
- The rule will clearly outline equipment, testing, self-inspection, and recordkeeping requirements, making it simpler for industry and station owners
- The rule will make ORCAA more consistent with other local clean air agencies in Washington

## AMENDATORY SECTION

### RULE 6.1 NOTICE OF CONSTRUCTION REQUIRED

- (a) Approval of a Notice of Construction (NOC) Application required. It shall be unlawful for any person to cause or allow the following actions unless a ~~((“))~~Notice of Construction ~~((“NOC”))~~ application has been filed with and approved by the Agency, except for those actions involving stationary sources excluded under Rule 6.1(b) and (c):
- (1) Construction, installation, or establishment of any stationary source;  
~~((or))~~
  - (2) Modification to any existing stationary source~~((“”))~~; or,
  - (3) Replacement or substantial alteration of emission control technology installed on an existing stationary source.
- (b) Exemption provided Notice of Intent to Operate (NOI). An NOC application and prior approval by the Agency is not required prior to construction, installation, establishment or modification of the ~~((following types of))~~ stationary sources listed below, ~~((provided that))~~ if a complete ~~((“))~~Notice of Intent to Operate~~((“has been”))~~ is filed with the Agency, ~~((in accordance with))~~ Procedures for submitting an NOI are contained in Rule 6.1.1:
- (1) Temporary Portable Stationary Sources. Temporary portable stationary sources that have been previously approved by Ecology or a local air pollution control authority in the State of Washington through an NOC application.
  - (2) Stationary Sources based on Potential to Emit. Any stationary source that:
    - (i) ~~((Will not result in emission of any toxic air pollutants listed in WAC 173-460-150 (Class A Toxic Air Pollutants); and,~~
    - (ii) ~~((Will have a combined~~ uncontrolled ~~potential to emit from all emission units less than:~~
      - (A) 0.5 tons per year of any criteria pollutant; and,
      - (B) 1.0 tons per year of total criteria pollutants and VOC combined; and,
      - (C) 0.005 tons per year of lead; and,
      - (D) ~~((100 pounds per year of any))~~ The de minimis emission rate specified for each ~~((“”))~~Toxic ~~((“a”))~~Air ~~((“p”))~~Pollutant listed in WAC 173-460-~~((1460))~~150 ~~((“Class B Toxic Air Pollutants”))~~; and,
      - (E) 1.0 tons per year of ozone depleting substances combined.

(3) Gasoline Dispensing Facilities (GDF). Construction or modification of a gasoline dispensing facility, or replacement or substantial alteration of vapor recovery systems, provided that:

- (i) The installed equipment is in accordance with the current California Air Resources Board (CARB) Executive Orders listed on the GDF Notification form effective at the time of the filing;
- (ii) The GDF is not part of a stationary source subject to the Air Operating Program (Rule 5);
- (iii) The GDF is not subject to any of the Stage II requirements in WAC 173-491-040(5); and
- (iv) The project does not involve the removal of a Stage II vapor recovery system.

(c) Categorical Exemptions. An NOC application and prior approval by the Agency is not required prior to construction, installation, establishment or modification of stationary sources in the following stationary source categories, ~~((provided that))~~ if sufficient records are kept ~~((to--))~~ documenting the exemption:

Maintenance/construction:

- (1) Cleaning and sweeping of streets and paved surfaces;
- (2) Concrete application, and installation;
- (3) Dredging wet spoils handling and placement;
- (4) Paving application and maintenance, excluding asphalt plants;
- (5) Plant maintenance and upkeep activities (grounds keeping, general repairs, routine housekeeping, routine plant painting, welding, cutting, brazing, soldering, plumbing, retarring roofs, etc.);
- (6) Plumbing installation and plumbing protective coating application associated with plant maintenance activities;
- (7) Roofing application;
- (8) Insulation application and maintenance, excluding products for resale;
- (9) Janitorial services and consumer use of janitorial products;
- (10) Asphalt laying equipment including asphalt-roofing operations (not including manufacturing or storage);
- (11) Blast cleaning equipment that uses a suspension of abrasive in liquid water;
- (12) Spray painting or blasting equipment used at temporary locations to clean or paint bridges, water towers, buildings, or similar structures.

Storage Tanks:

- (13) Lubricating oil storage tanks except those facilities that are wholesale or retail distributors of lubricating oils;

- (14) Polymer tanks and storage devices and associated pumping and handling equipment, used for solids dewatering and flocculation;
- (15) Storage tanks, reservoirs, pumping and handling equipment of any size containing soaps, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions;
- (16) Process and white-water storage tanks;
- (17) Storage tanks and storage vessels, with lids or other appropriate closure and less than 260-gallon capacity (35 cft);
- (18) Gasoline storage tanks less than 2,000 gallons storage capacity;
- (19) Gasoline dispensing facilities with a cumulative gasoline storage capacity of less than 10,000 gallons;
- ~~((18))~~(20) Storage tanks of a capacity of 10,000 gallons or less, with lids or other appropriate closure, and for the storage of materials containing organic compounds, but not for use with materials containing toxic air pollutants (as defined in chapter 173-460 WAC);
- ~~((19))~~(21) Storage tanks of a capacity of 40,000 gallons or less, with lids or other appropriate closure, used for the storage of organic compounds, but not for use with materials containing toxic air pollutants (as defined in chapter 173-460 WAC), with a true vapor pressure less than 0.01 kPa (0.002 psia) (0.0001 atm);
- ~~((20))~~(22) Storage tanks of a capacity of 40,000 gallons or less used for the storage of butane, propane, or liquefied petroleum gas;
- ~~((21))~~(23) Tanks, vessels and pumping equipment, with lids or other appropriate closure for storage or dispensing of aqueous solutions of inorganic salts, bases and acids.
- ~~((22))~~(24) Storage tanks used exclusively for storage of diesel fuel;
- ~~((23))~~(25) Loading and unloading equipment used exclusively for the storage tanks exempted under this rule.

Combustion:

- ~~((24))~~(26) Fuel burning equipment (not including incinerators) that:
  - (i) is used solely for a private dwelling serving five families or less; or
  - (ii) has a maximum heat input rate of 5 MMBtu/hr or less if burning natural gas, propane, or LPG; or
  - (iii) has a maximum heat input rate of 0.5 MMBtu/hr or less if burning waste-derived fuels; or
  - (iv) has a maximum heat input rate of 1 MMBtu/hr or less if burning recycled or used oil per the requirements of RCW 70.94.610; or
  - (v) has a maximum heat input rate of 1 MMBtu/hr or less if burning any other type of fuel and with less than or equal to 0.05% sulfur by weight.

~~((25))~~(27) All stationary gas turbines with a rated heat input <10 million Btu per hour.

~~((26))~~(28) Stationary internal combustion engines having rated capacity:

- (i) <50 horsepower output; or
- (ii) <500 horsepower and used only for standby emergency power generation.

~~((27))~~(29) All nonroad engines subject to 40 CFR Part 89.

Material handling:

~~((28))~~(30) Storage and handling of water-based lubricants for metal working where organic content of the lubricant is <10%;

~~((29))~~(31) Equipment used exclusively to pump, load, unload, or store high boiling point organic material in tanks less than one million gallons, material with initial atmospheric boiling point not less than 150(~~(E)~~)°C or vapor pressure not more than 5 mm Hg @ 21(~~(E)~~)°C, with lids or other appropriate closure.

Water treatment:

~~((30))~~(32) Septic sewer systems, not including active wastewater treatment facilities;

~~((31))~~(33) NPDES permitted ponds and lagoons used solely for the purpose of settling and suspended solids and skimming of oil and grease;

~~((32))~~(34) De-aeration (oxygen scavenging) of water where toxic air pollutants as defined in chapter 173-460 WAC are not emitted;

~~((33))~~(35) Process water filtration system and demineralizer vents;

~~((34))~~(36) Sewer manholes, junction boxes, sumps and lift stations associated with wastewater treatment systems;

~~((35))~~(37) Demineralizer tanks;

~~((36))~~(38) Alum tanks;

~~((37))~~(39) Clean water condensate tanks;

~~((38))~~(40) Oil/water separators, except those at petroleum refineries;

~~((39))~~(41) Equipment used exclusively to generate ozone and associated ozone destruction equipment for the treatment of cooling tower water or for water treatment processes.

~~((40))~~(42) Municipal sewer systems, including wastewater treatment plants and lagoons with a design capacity of one million gallons per day or less, provided that they do not use anaerobic digesters, chlorine disinfections or sewage sludge incinerators.

Environmental chambers and laboratory equipment:

~~((41))~~(43) Environmental chambers and humidity chambers not using toxic air pollutant gases, as regulated under chapter 173-460 WAC;

- ~~((42))~~(44) Gas cabinets using only gases that are not toxic air pollutants regulated under chapter 173-460 WAC;
- ~~((43))~~(45) Installation or modification of a single laboratory fume hood;
- ~~((44))~~(46) Laboratory calibration and maintenance equipment.

Monitoring/quality assurance/testing:

- ~~((45))~~(47) Equipment and instrumentation used for quality control/assurance or inspection purposes;
- ~~((46))~~(48) Hydraulic and hydrostatic testing equipment;
- ~~((47))~~(49) Sample gathering, preparation and management;
- ~~((48))~~(50) Vents from continuous emission monitors and other analyzers.

Miscellaneous:

- ~~((49))~~(51) Single-family residences and duplexes;
- ~~((50))~~(52) Plastic pipe welding;
- ~~((51))~~(53) Primary agricultural production activities including soil preparation, planting, fertilizing, weed and pest control, and harvesting;
- ~~((52))~~(54) Insecticide, pesticide, or fertilizer spray equipment;
- ~~((53))~~(55) Comfort air conditioning;
- ~~((54))~~(56) Flares used to indicate danger to the public;
- ~~((55))~~(57) Natural and forced air vents and stacks for bathroom/toilet activities;
- ~~((56))~~(58) Personal care activities including establishments like beauty salons, beauty schools, and hair cutting establishments;
- ~~((57))~~(59) Recreational fireplaces including the use of barbecues, campfires, and ceremonial fires;
- ~~((58))~~(60) Tobacco smoking rooms and areas;
- ~~((59))~~(61) Noncommercial smokehouses;
- ~~((60))~~(62) Blacksmith forges for single forges;
- ~~((61))~~(63) Vehicle maintenance activities, not including vehicle surface coating;
- ~~((62))~~(64) Vehicle or equipment washing;
- ~~((63))~~(65) Wax application;
- ~~((64))~~(66) Oxygen, nitrogen, or rare gas extraction and liquefaction equipment not including internal and external combustion equipment;
- ~~((65))~~(67) Ozone generators and ozonation equipment;
- ~~((66))~~(68) Ultraviolet curing processes, to the extent that toxic air pollutant gases as defined in chapter 173-460 WAC are not emitted;
- ~~((67))~~(69) Electrical circuit breakers, transformers, or switching equipment installation or operation;
- ~~((68))~~(70) Pneumatically operated equipment, including tools and hand-held applicator equipment for hot melt adhesives;

- ~~((69))~~(71) Fire fighting and similar safety equipment and equipment used to train fire fighters;
- ~~((70))~~(72) Production of foundry sand molds, unheated and using binders less than 0.25% free phenol by sand weight;
- ~~((71))~~(73) Natural gas pressure regulator vents, excluding venting at oil and gas production facilities and transportation marketing facilities;
- ~~((72))~~(74) Solvent cleaners less than 10 square feet air-vapor interface with solvent vapor pressure not more than 30 mm Hg(~~(G)~~) @21(~~(E)~~)°C, and not containing toxic air pollutants (as defined in chapter 173-460 WAC);
- ~~((73))~~(75) Surface coating, aqueous solution or suspension containing <1% (by weight) VOCs, and/or toxic air pollutants as defined in chapter 173-460 WAC;
- ~~((74))~~(76) Cleaning and stripping activities and equipment using solutions having <1% VOCs (by weight); on metallic substances, acid solutions are not exempt;
- ~~((75))~~(77) Dip coating operations, using materials less than 1% VOCs (by weight) and/or toxic air pollutants as defined in chapter 173-460 WAC.
- ~~((76))~~(78) Laundry dryers, extractors or tumblers used exclusively for the removal of water from fabric;
- ~~((77))~~(79) Residential composting facilities;
- ~~((78))~~(80) Restaurants and other retail food preparing establishments;
- ~~((79))~~(81) Routing, turning, carving, cutting and drilling equipment used for metal, wood, plastics, rubber, leather or ceramics;
- ~~((80))~~(82) Steam cleaning equipment used exclusively for that purpose;
- ~~((81))~~(83) Vacuum cleaning systems used exclusively for office or residential housekeeping;
- ~~((82))~~(84) Vacuum producing devices used in laboratory operations and vacuum producing devices that no not remove or convey air contaminants from or to another source;
- ~~((83))~~(85) Vents used exclusively for:

- (i) Sanitary or storm drainage systems; or
- (ii) Safety valves

- ~~((84))~~(86) Washing or drying equipment used for products fabricated from metal or glass, if no volatile organic material is used in the process.
- ~~((85))~~(87) Welding, brazing or soldering equipment;
- ~~((86))~~(88) Coffee roasters with a design capacity less than 10 pounds per batch;
- ~~((87))~~(89) Bark and soil screening operations;
- ~~((88))~~(90) Portable sand and gravel plants and crushed stone plants with a cumulative rated capacity of all initial crushers less than or equal to 150 tons per hour;

~~((89))~~(91) Fixed sand and gravel plants and crushed stone plants with a cumulative rated capacity of all initial crushers less than or equal to 25 tons per hour.



## **AMENDATORY SECTION**

### **Rule 6.1.10 Requirements for Replacement or Substantial Alteration of Emission Control Technology at an Existing Stationary Source**

- (a) Any person proposing to replace or substantially alter the emission control technology installed on an existing stationary source shall file a Notice of Construction (NOC) application with the Agency. Replacement or substantial alteration of control technology does not include routine maintenance, repair or similar parts replacement.
- (b) For projects not otherwise reviewable under Rule 6.1(a)(1) or Rule 6.1(a)(2), the Agency may:
  - (1) Require that the owner or operator employ RACT on the affected stationary source;
  - (2) Prescribe reasonable operation and maintenance conditions for the control equipment; and,
  - (3) Prescribe other requirements as authorized by chapter 70.94 RCW.
- (c) Within ~~((thirty))~~30 days ~~((or))~~of receipt of a Notice of Construction application under this rule the Agency shall either notify the applicant in writing that the application is complete or notify the applicant in writing of all additional information necessary to complete the application. Within ~~((thirty))~~30 days of receipt of a complete NOC application under this rule the Agency shall either issue an order of approval or a proposed RACT determination for the proposed project.
- (d) Construction shall not ~~((=))~~commence~~((=))~~ on a project subject to review under this rule until the Agency issues a final order of approval. However, any NOC application filed under this rule shall be deemed to be approved without conditions if the Agency takes no action within ~~((thirty))~~30 days of receipt of a complete NOC application.
- (e) Approval to replace or substantially alter emission control technology shall become invalid if construction is not commenced within ~~((eighteen))~~18 months after receipt of such approval, if construction is discontinued for a period of ~~((eighteen))~~18 months or more, or if construction is not completed within a reasonable time. The Agency may extend the ~~((eighteen))~~18-month period upon satisfactory showing that an extension is justified. This provision does not apply to the~~((time))~~ period between construction of the approved phases of a phased construction project; each phase must commence construction within ~~((eighteen))~~18 months of the projected and approved commencement date.

## AMENDATORY SECTION

### RULE 8.12 GASOLINE ~~((STATIONS — APPLICABILITY))~~DISPENSING FACILITIES

This regulation ~~((shall apply))~~applies to all gasoline dispensing facilities~~((that distribute gasoline, including automotive, aviation, and marine uses))~~.

#### ***Rule 8.12.1 Definitions***

Unless a different meaning is clearly required by context, the following words and phrases, as used in this Rule, shall have the following meanings:

~~((“Bottom Loading” means the filling of a tank through a line entering the bottom of the tank.~~

~~“Bulk Gasoline Plant” means a gasoline storage and transfer facility that receives more than ninety percent of its annual gasoline throughput by transport tank and reloads gasoline into transport tanks.~~)

“CARB” means California Air Resources Board.

“CARB Certified” means a vapor recovery system, equipment, or any component thereof, for which the California Air Resources Board (CARB) has evaluated its performance and issued an Executive Order.

“CARB Executive Order” means a document issued by the Executive Officer of the California Air Resources Board that specified the requirements for specific vapor control equipment and the procedures used in installing, maintaining, inspecting, or testing vapor recovery systems.

“Enhanced Vapor Recovery (EVR)” means performance standards and specifications set forth in the CARB CP 201 (Certification Procedure for Vapor Recovery Systems at gasoline dispensing facilities) Sections 3 through 9.

“Gasoline” means a petroleum distillate, which is a liquid at standard conditions and has a true vapor pressure greater than four pounds per square inch absolute at ~~((twenty degrees Celsius,))~~ 20°C and is used as a fuel for internal combustion engines. A ~~((Is a))~~ny liquid sold as a vehicle fuel with a true vapor pressure greater than four pounds per square inch absolute at ~~((twenty degrees Celsius))~~ 20°C ~~((shall be))~~is considered ‘gasoline’ for purpose of this regulation.

“Gasoline Dispensing Facility” means any site dispensing gasoline ~~((into motor vehicle fuel tanks))~~from stationary storage tanks including facilities dispensing gasoline for automotive, aviation, and marine uses.

~~((“Gasoline Loading Terminal” means a gasoline transfer facility that receives more than ten percent of its annual gasoline throughput solely or in combination by pipeline, ship or barge, and loads gasoline into transport tanks.~~

~~“Motor Vehicle” means any mode of travel utilizing gasoline as energy to provide locomotion.~~

~~“New Gasoline Dispensing Facility” means the construction of a gasoline dispensing facility on a site that has not had an active gasoline dispensing facility within the past five years.))~~

~~“Stage I” means gasoline vapor recovery during all gasoline marketing transfer operations except motor vehicle refueling.~~

~~“Stage II” means gasoline vapor recovery during motor vehicle refueling operations from stationary tanks.~~

~~“Submerged Fill Line” means any discharge pipe or nozzle designed to be within six (6) inches of the bottom of the tank and submerged at all times.((which meet either of the following conditions:~~

- ~~(a) — Where the tank is filled from the top, the end of the discharge pipe or nozzle must be totally submerged when the liquid level is six inches from the bottom of the tank, or:~~
- ~~(b) — Where the tank is filled from the side, the discharge pipe or nozzle must be totally submerged when the liquid level is six inches from the bottom of the tank.))~~

~~“Throughput” means the amount of ((material))gasoline passing through a facility.~~

~~“Transport Tank” means a container used for shipping gasoline over roadways.~~

~~((“True Vapor Pressure” means the equilibrium partial pressure of petroleum liquid as determined by methods described in American Petroleum Institute Bulletin 2517, 1980.~~

~~“Upgrade” means the modification of a gasoline storage tank or piping to add cathodic protection, tank lining or spill and overfill protection that involved removal of ground or ground cover above a portion of the product piping.~~

~~“Vapor Balance System” means a system consisting of the transport tank, gasoline vapor transfer lines, storage tank, and all tank vents designed to route displaced gasoline vapors from a tank being filled with liquid gasoline.))~~

~~“Vapor ((Control))Recovery System” means equipment that((a system designed and operated to)) reduces ((or limit-))the emissions of ((gasoline vapors))volatile~~

organic compounds ~~((in))~~to the ambient air~~((, which is designed according to WAC 173-491))~~.

### **Rule 8.12.2 General Requirements**

- (a) All gasoline ~~((storage tanks with a capacity greater than 2,000 gallons shall be equipped with submerged fill lines when upgraded, but no later than December 31, 1998.))~~dispensing facilities with gasoline storage tanks, regardless of size shall:
  - (1) Not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following:
    - (i) Minimize gasoline spills;
    - (ii) Clean up spills as soon as practicable;
    - (iii) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use; and
    - (iv) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.
- (b) Gasoline storage tanks with a capacity of 2,000 gallons or more shall be equipped with submerged fill lines.
- (c) Gasoline dispensing facilities may be subject to registration per Rule 4.1.
- (d) Gasoline dispensing facilities may be subject to Notice of Construction requirements per Rule 6.1.

### **Rule 8.12.3 Vapor Recovery ~~((Stage I))~~Requirements**

~~((Stage I vapor recovery is required for all gasoline dispensing facilities as follows:))~~

- (a) CARB Certified~~((The facilities that have an annual throughput greater than 360,000 gallons of gasoline shall have))~~ Stage I Enhanced ~~((v))~~Vapor ~~((r))~~Recovery (EVR)~~((by December 31, 1993 or when upgraded, whichever is sooner.))~~, or equivalent equipment as approved by the Agency, is required for any new or upgraded gasoline storage tank with a storage capacity of 2,000 gallons or more and located at a gasoline dispensing facility with a cumulative gasoline storage capacity of 10,000 gallons or more. Upgrading means replacing a gasoline storage tank, or substantially altering any component of the Stage I vapor recovery system. Prior to commencing construction, modifications, or upgrades, gasoline dispensing facilities must comply with the applicable requirements in Rule 6.1.
- (b) ~~((The facilities that have an annual throughput greater than 100,000, but less than or equal to 360,000 gallons of gasoline shall have Stage I vapor recovery by December 31, 1998 or when upgraded, whichever is sooner.))~~Nothing in Rule 8.12 precludes the Agency from requiring

installation of a Stage II vapor recovery system in conjunction with approval of a Notice of Constructing application if Stage II vapor recovery is necessary to assure compliance with applicable air regulations and standards.((

- ~~(c) Terminals and bulk plants that deliver gasoline to any facility equipped with Stage I vapor recovery shall be equipped with a vapor control system prior to December 31, 1998.~~
- ~~(d) Terminals and bulk plants with an annual throughput greater than 7,200,000 gallons per year shall be equipped with a vapor control system prior to December 31, 1993.))~~

**Rule 8.12.4 ((~~Vapor Recovery Stage II~~))Testing Requirements**

- (a) ((Stage II vapor recovery is required at a gasoline dispensing facility supplying fuel to the general public under the following circumstances:))The owner or operator of a gasoline dispensing facility with a cumulative storage capacity of 10,000 gallons or more and equipped with Stage I EVR must conduct the following performance tests:
  - (1) ((Any facility that dispenses in excess of one million two hundred thousand gallons (1,200,000) of gasoline per year and is located in Thurston County. This requirement will end on December 31, 2002, unless the Department of Ecology determines that Stage II is important to achieving or maintaining the National Ambient Air Quality Standard for Ozone in a nonattainment or maintenance plan county.))Initial performance testing shall be completed, for all performance tests listed in Table 1, after initial installation and prior to the facility dispensing fuel commercially; and,
  - (2) Subsequent testing shall be conducted according to the schedule in Table 1.
- (b) The owner or operator of a gasoline dispensing facility with a cumulative gasoline storage capacity of 10,000 gallons or more that is equipped with Stage I, but not equipped with Stage I EVR, shall conduct the appropriate Static Pressure Performance of Vapor Recovery Systems test in Table 1 at least once every 13 months.
- (c) Tests shall be conducted in accordance with the CARB test procedure specified, or CARB-approved equivalent test procedures.
- (d) Tests shall be performed by a third-party independent testing company trained in the testing methods.
- (e) In the event of a failed performance test, the owner or operator shall correct the cause of the failure in accordance with Rule 8.12.5(c) and retest within 30 days of the date of the failed test.
- (f) The owner or operator shall report to the Agency the results of all required performance testing within 30 days of the test date.

**Table 1: Performance Testing**

<b><u>A</u></b>	<b><u>An owner/operator of a facility with underground storage tanks shall conduct the following tests...</u></b>	<b><u>After the initial testing, the owner/operator shall conduct the subsequent tests...</u></b>
	<b><u>A1. TP-201.3 – Static Pressure Performance of Vapor Recovery Systems</u></b>	<b><u>at least once every 13 months</u></b>
	<b><u>A2. TP-201.1E – Leak Rate and Cracking Pressure of P/V Vent Valves</u></b>	<b><u>at least once every 37 months</u></b>
	<b><u>A3. TP-201.3C – Determination of Vapor Piping Connection to Underground Gasoline Storage Tanks (Tie-Tank Test)</u></b>	
	<b><u>A4. TP-201.1B – Static Torque of Rotatable Stage I Adaptors</u></b>	<b><u>at least once every 13 months</u></b>
	<b><u>A5. TP-201.1C or TP-201.1D<sup>1</sup> – Leak Rate of Drop Tube/Drain Valve Assembly or Leak Rate of Drop Tube/Overfill Prevention Device</u></b>	<b><u>at least once every 13 months</u></b>
<b><u>B</u></b>	<b><u>An owner/operator with aboveground storage tanks shall conduct the following tests...</u></b>	<b><u>After the initial testing, the owner/operator shall conduct the subsequent tests...</u></b>
	<b><u>B1. TP-206.3 or TP-201.3B<sup>2</sup> – Static Pressure Performance of Vapor Recovery Systems</u></b>	<b><u>at least once every 13 months</u></b>
	<b><u>B2. TP-201.1B – Static Torque of Rotatable Stage I Adaptors<sup>3</sup></u></b>	<b><u>at least once every 13 months</u></b>
	<b><u>B3. TP-201.1E – Leak Rate and Cracking Pressure of P/V Vent Valves</u></b>	<b><u>at least once every 37 months</u></b>

<sup>1</sup> TP-201.1C has no overfill prevention device and TP-201.1D is required for drop tubes with overfill prevention

<sup>2</sup> TP-206.3 is required for aboveground storage tanks equipped with Stage I EVR

<sup>3</sup> TP-201.1B only required for aboveground storage tanks equipped with Rotatable Stage I Adaptors

**Rule 8.12.5 ((~~New Gasoline Dispensing Facilities~~))Self-Inspection Requirements**

~~((Nothing in Rule 8.12.4 shall preclude the Agency from requiring Stage II vapor recovery if it is determined to be BACT for control of air toxics or for the protection of human health and safety.))~~

- (a) The owner or operator of a gasoline dispensing facility shall complete self-inspections of the vapor recovery system. The inspection must occur at least once a week, or after each gasoline delivery, whichever is less frequent. At a minimum, the following items shall be inspected:
  - (1) All adaptors shall be equipped with vapor-tight caps;
  - (2) All fill and vapor recovery wells or boxes shall be free of liquid gasoline;
  - (3) All gasoline storage tank fill-pipes shall have gasketed seals in good working condition;
  - (4) All caps shall have gasketed seals in good working condition; and,
  - (5) Vapor recovery adaptors on the storage tanks shall seal upon disconnect.
- (b) The dates and results of the self-inspections shall be recorded.
- (c) No later than 15 days after discovery, the owner or operator shall take corrective actions to repair, replace or adjust defective equipment found during any of the following events:
  - (1) Performance tests;
  - (2) Routine maintenance checks;
  - (3) Self-inspections; or,
  - (4) Agency compliance inspections.

**NEW SECTION**

***Rule 8.12.6 Recordkeeping Requirements***

- (a) The following records shall be maintained on site for no less than five years from origination, and copies made available to the Agency upon request:
  - (1) Records of all maintenance and repair activities;
  - (2) Records of all self-inspections conducted per Rule 8.12.5;
  - (3) Records of all performance tests required by Rule 8.12.4; and,
  - (4) Monthly gasoline throughput records.
- (b) The following records shall be maintained on site for the life of the gasoline dispensing facility or the associated equipment, whichever is earlier:

- (1) Any determinations issued by the Agency per Rule 6.1;
- (2) Any GDF Notice of Intent to Operate submitted to the Agency per Rule 6.1(b)(3).



**OLYMPIC REGION CLEAN AIR AGENCY**

RESOLUTION NO: 2019-278

**Adjustment for ORCAA's Fee Schedules for Notice of Intent**

**WHEREAS**, the Olympic Region Clean Air Agency (ORCAA) Board of Directors have determined that fee schedules should be established by Resolution, and

**WHEREAS**, ORCAA Rule 3.6 allows the Board of Directors to adopt a Notice of Intent to Operate fee schedule by Resolution,

**WHEREAS**, ORCAA has adopted a Notice of Intent fee schedule in Resolution Nos. 263, 264, and 276, and

**WHEREAS**, ORCAA has established a new Notice of Intent fee for Gasoline Dispensing Facilities to reflect the changes to Rule 6.1,

**NOW, THEREFORE, BE IT RESOLVED** that the ORCAA Board of Directors hereby amends Resolutions #263, #264, and #276, and adopt by resolution to include the new Notice of Intent fee, as attached with an effective date of August 17, 2019.

**Presented by:**

**ORCAA Board of Directors**

\_\_\_\_\_  
Francea L McNair  
Executive Director

Approved and signed on  
This 10<sup>th</sup> of July 2019

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## Proposed Gasoline Facility NOI Fee

### **NOI Fees - ORCAA Rule 3.6(a) – Exemption under ORCAA Rule 6.1(b)(3)**

Gasoline Dispensing Facilities qualifying for exemption from New Source Review under ORCAA Rule 6.1(b)(3)	\$ 256
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## Notice of Intent (NOI) Fee Schedule

Effective July 1, 2019

### NOI Fees - ORCAA Rule 3.6(a)

Category	Fee
Asphalt Plant	\$ 3381
Boiler	\$ 989
Concrete Batch Plants	\$ 647
Nonroad Engines	\$ 903
Rock Crushers	\$ 1160
Other Equipment Not Classified Above	\$ 924

### NOI Fees - ORCAA Rule 3.6(a) – Exemption under ORCAA Rule 6.1(b)(2)

Stationary source qualifying for exemption from New Source Review under ORCAA Rule 6.1(b)(2)	\$ 512
Additional processing costs exceeding 6 hours for sources submitting an NOI for exemption under ORCAA Rule 6.1(b)(2) who request assistance with documenting the stationary source's potential to emit	\$85.46/hr

### NOI Fees - ORCAA Rule 3.6(a) – Exemption under ORCAA Rule 6.1(b)(3)

<u>Gasoline Dispensing Facilities qualifying for exemption from New Source Review under ORCAA Rule 6.1(b)(3)</u>	<u>\$ 256</u>
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# Inspections Completed

Between 6/7/2019 and 7/5/2019

Insp. Date	Inspection Type	File #	Source Name	Location	Warning	NOV Issued
<b>AM</b>						
06/20/2019	Full Compliance Evaluation	475	WEYERHAEUSER NR RAYMOND LUM	RAYMOND	<input type="checkbox"/>	<input type="checkbox"/>
<b>AMF</b>						
06/10/2019	Full Compliance Evaluation	207	ALL CITY AUTOBODY & TOWING	PORT TOWNSEND	<input type="checkbox"/>	<input type="checkbox"/>
06/10/2019	Full Compliance Evaluation	366	CAPE GEORGE MARINE WORKS INC	PORT TOWNSEND	<input type="checkbox"/>	<input type="checkbox"/>
06/10/2019	Full Compliance Evaluation	878	NORTHWEST SCHOOL OF WOODEN B	PORT HADLOCK	<input type="checkbox"/>	<input type="checkbox"/>
06/10/2019	Full Compliance Evaluation	246	RENAISSANCE AUTO DESIGN	PORT TOWNSEND	<input type="checkbox"/>	<input type="checkbox"/>
06/10/2019	Full Compliance Evaluation	115	SEA MARINE	PORT TOWNSEND	<input type="checkbox"/>	<input type="checkbox"/>
06/13/2019	Full Compliance Evaluation	134	INTERIOR WOOD PRODUCTS 2	OLYMPIA	<input type="checkbox"/>	<input type="checkbox"/>
06/13/2019	Full Compliance Evaluation	782	CALMAS CUSTOM CABINETS	OLYMPIA	<input type="checkbox"/>	<input type="checkbox"/>
06/13/2019	Full Compliance Evaluation	683	I5 DESIGN BUILD	LACEY	<input type="checkbox"/>	<input type="checkbox"/>
06/13/2019	Full Compliance Evaluation	780	GENOTHEN HOLDINGS LLC	TUMWATER	<input type="checkbox"/>	<input type="checkbox"/>
06/19/2019	Full Compliance Evaluation	181	APEX COLLISION SERVICES INC	SHELTON	<input type="checkbox"/>	<input type="checkbox"/>
06/19/2019	Full Compliance Evaluation	843	URRACO COFFEE CO LLC	SHELTON	<input type="checkbox"/>	<input type="checkbox"/>
06/19/2019	Full Compliance Evaluation	529	PRECISION DESIGN PLASTICS INC	RAINIER	<input type="checkbox"/>	<input type="checkbox"/>
06/19/2019	Full Compliance Evaluation	301	OLYMPIC MOUNTAIN MILLWORKS	SHELTON	<input type="checkbox"/>	<input type="checkbox"/>
06/19/2019	Full Compliance Evaluation	775	FLORY CABINETS LLC	YELM	<input type="checkbox"/>	<input type="checkbox"/>
06/19/2019	Full Compliance Evaluation	1188	SUNLIGHT WOODENWORKS	SHELTON	<input type="checkbox"/>	<input type="checkbox"/>
06/21/2019	Investigation	103	MASON COUNTY PUD #3	SHELTON	<input type="checkbox"/>	<input type="checkbox"/>
07/02/2019	Full Compliance Evaluation	238	TOP NOTCH TRAILERS	ROCHESTER	<input type="checkbox"/>	<input type="checkbox"/>
<b>MS</b>						
06/20/2019	Full Compliance Evaluation	475	WEYERHAEUSER NR RAYMOND LUM	RAYMOND	<input type="checkbox"/>	<input type="checkbox"/>
<b>RTM</b>						
06/18/2019	Partial Compliance Evaluation	474	WESTPORT LLC	WESTPORT	<input type="checkbox"/>	<input type="checkbox"/>
<b>SMS</b>						

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<b>Insp. Date</b>	<b>Inspection Type</b>	<b>File #</b>	<b>Source Name</b>	<b>Location</b>	<b>Warning</b>	<b>NOV Issued</b>
06/13/2019	Full Compliance Evaluation	934	FOODMART #3750 - TENINO	TENINO	<input type="checkbox"/>	<input type="checkbox"/>
06/13/2019	Full Compliance Evaluation	1032	B & B MARKET	OLYMPIA	<input type="checkbox"/>	<input type="checkbox"/>
06/13/2019	Full Compliance Evaluation	205	ARBOR CENTRE CHEVRON	LACEY	<input checked="" type="checkbox"/>	<input type="checkbox"/>
06/13/2019	Full Compliance Evaluation	1037	WHISTLE STOP GROCERY 60	TENINO	<input type="checkbox"/>	<input type="checkbox"/>
06/13/2019	Full Compliance Evaluation	1094	PETROCARD-OLD HWY 99	OLYMPIA	<input type="checkbox"/>	<input type="checkbox"/>
06/18/2019	Full Compliance Evaluation	257	SOUTH BAY GROCERY & DELI	OLYMPIA	<input type="checkbox"/>	<input type="checkbox"/>
06/18/2019	Full Compliance Evaluation	1130	7-ELEVEN #34563 - MARVIN	LACEY	<input type="checkbox"/>	<input type="checkbox"/>
<b>TG</b>						
06/07/2019	Full Compliance Evaluation	726	OLYMPIA AUTOBODY INC	OLYMPIA	<input type="checkbox"/>	<input type="checkbox"/>
06/11/2019	Full Compliance Evaluation	407	ROGERS PAINT GROUP LLC	PORT TOWNSEND	<input type="checkbox"/>	<input type="checkbox"/>
06/11/2019	Full Compliance Evaluation	617	KOSEC FUNERAL HOME	PORT TOWNSEND	<input type="checkbox"/>	<input type="checkbox"/>
06/11/2019	Full Compliance Evaluation	1184	ENCLUME DESIGN PRODUCTS	PORT HADLOCK	<input type="checkbox"/>	<input type="checkbox"/>
06/13/2019	Full Compliance Evaluation	531	WASHINGTON CORRECTIONS CENTER	SHELTON	<input type="checkbox"/>	<input type="checkbox"/>
06/13/2019	Full Compliance Evaluation	356	SHELTON SATELLITE WASTEWATER R	SHELTON	<input type="checkbox"/>	<input type="checkbox"/>
06/13/2019	Full Compliance Evaluation	1200	PACIFIC COAST FIBER FUELS LLC	SHELTON	<input type="checkbox"/>	<input type="checkbox"/>
06/13/2019	Full Compliance Evaluation	218	CITY OF SHELTON - WWTP	SHELTON	<input type="checkbox"/>	<input type="checkbox"/>

# Asbestos Permit Status Report

Permit #	Rec'd	Site Address	County	Completion Date
18ASB006330	8/22/2018	413 Lilly Rd NE	Thurston	9/10/2018
18ASB006339	8/29/2018	210 11th Ave SE	Thurston	10/5/2018
18ASB006348	9/3/2018	716 Dennis St SE#102	Thurston	9/5/2018
18ASB006396	9/28/2018	7842 Trails End Drive	Thurston	1/31/2019
18ASB006457	11/16/2018	COHO Ferry Terminal	Clallam	12/3/2019
18ASB006472	11/30/2018	1902 Marine Dr	Clallam	12/31/2019
18ASB006476	12/4/2018	1214 W First St	Pacific	12/21/2018
18ASB006488	12/14/2018	Puget Sound Energy-All Counties	Thurston	12/31/2019
18ASB006495	12/20/2018	521 W Curtis	Grays Harbor	7/1/2019
18ASB006501	12/26/2018	1600 N Nyhus St	Grays Harbor	2/28/2019
19ASB006504	1/2/2019	6315 Gull Harbor Dr NE	Thurston	1/14/2020
19ASB006509	1/4/2019	101 W 2nd St	Grays Harbor	12/31/2019
19ASB006513	1/8/2019	WA State Capital Campus	Thurston	1/1/2020
19ASB006536	1/30/2019	534 East K Street	Mason	7/12/2019
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
19ASB006596	3/22/2019	200 Delphi Rd SW	Thurston	8/31/2019
19ASB006617	4/3/2019	7000 Pacific Ave SE	Thurston	4/3/2020
19ASB006626	4/9/2019	4220 6th Ave SE	Thurston	7/31/2019
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
19ASB006663	4/29/2019	703 Simpson Ave	Grays Harbor	12/31/2019
19ASB006679	5/8/2019	2637 45th Ave SE	Thurston	8/30/2019
19ASB006680	5/9/2019	1225 Henkle	Pacific	11/18/2019
19ASB006687	5/15/2019	5953 Old Olympic Hwy	Clallam	7/31/2019
19ASB006693	5/21/2019	600 Sleater Kinney Rd NE	Thurston	9/27/2019
19ASB006698	5/24/2019	1002 US Hwy 101	Grays Harbor	6/11/2019
19ASB006704	5/30/2019	225 E Washington St	Clallam	7/12/2019
19ASB006706	5/30/2019	212 Maple Park Ave SE	Thurston	8/31/2019
19ASB006708	6/3/2019	4640 Wishkah Rd	Grays Harbor	7/26/2019

<b>Permit #</b>	<b>Rec'd</b>	<b>Site Address</b>	<b>County</b>	<b>Completion Date</b>
19ASB006710	6/4/2019	1835 Circle Loop SE	Thurston	6/2/2020
19ASB006712	6/3/2019	1067 Cherry St SE	Thurston	8/2/2019
19ASB006724	6/14/2019	1633 O'Brien Rd	Clallam	7/30/2019
19ASB006727	6/18/2019	101 E Broadway	Grays Harbor	9/30/2019
19ASB006729	6/19/2019	2326 Capital Way	Thurston	8/3/2019
19ASB006730	6/19/2019	19748 Elderberry St SW	Thurston	8/3/2019
19ASB006732	6/2/2019	939 Caroline St	Clallam	8/31/2020
19ASB006733	6/24/2019	132 Seagate SW	Grays Harbor	7/8/2019
19ASB006734	6/25/2019	2106 Harrison Ave	Thurston	7/26/2019
19ASB006735	6/26/2019	1124 Campbell Ave	Clallam	7/21/2019
19ASB006737	6/28/2019	154 E Fox Run Ln	Mason	7/8/2019
19ASB006738	6/28/2019	2104 State St, Apt 3	Thurston	7/12/2019
19ASB006739	6/2/2019	1365 NE Hahobas Way	Mason	8/30/2019
19ASB006740	7/1/2019	38 Wishkah	Grays Harbor	7/10/2019
19ASB006742	7/2/2019	4409 Black Lake SW	Thurston	7/15/2019
19ASB006743	7/2/2019	540 O'Farrell Ave SE	Thurston	7/26/2019
19ASB006744	7/3/2019	13613 Highway 112	Clallam	7/4/2019
19ASB006745	7/5/2019	90 Elma Gate Rd E	Grays Harbor	11/1/2019

## Demolition Notifications received between 6/7/2019 and 7/5/2019

Permit#	Rec'd	Staff	Address	City	Status	Asb Survey	Asb Permit #
19DEM005453	6/7/2019	MS	1515 & 1605 Simpson Ave	McCleary	training fire permit submitted and ap	<input checked="" type="checkbox"/>	ASB
19DEM005454	6/7/2019		930 E Mason Benson Rd	Shelton		<input checked="" type="checkbox"/>	ASB
19DEM005455	6/7/2019	AMF	5236 Black Lake Blvd	Olympia		<input checked="" type="checkbox"/>	ASB
19DEM005456	6/7/2019		615 30th Street	Hoquiam		<input type="checkbox"/>	19ASB006643
19DEM005457	6/10/2019		9232 Walnut Rd NE	Olympia		<input checked="" type="checkbox"/>	ASB
19DEM005458	6/12/2019		587 W Elma Hicklin Rd	McCleary		<input type="checkbox"/>	ASB
19DEM005459	6/14/2019	AMF	1633 O'Brien Rd	Port Angeles		<input checked="" type="checkbox"/>	ASB
19DEM005460	6/14/2019		2936 East Bay St	Port Angeles		<input checked="" type="checkbox"/>	ASB
19DEM005461	6/17/2019		81 Taylor St	Beaver		<input checked="" type="checkbox"/>	ASB
19DEM005462	6/17/2019		1209 Bay Avenue	Ocean Park		<input checked="" type="checkbox"/>	ASB
19DEM005463	6/17/2019		576 Point Brown Ave NW	Ocean Shores		<input type="checkbox"/>	ASB
19DEM005464	6/17/2019		247 S Razor Clam Dr SW	Ocean Park		<input checked="" type="checkbox"/>	ASB
19DEM005465	6/18/2019	RTM	2714 Moose Merryman Rd	Olympia		<input checked="" type="checkbox"/>	ASB
19DEM005466	6/20/2019		17419 Heather Ln	Yelm		<input type="checkbox"/>	ASB
19DEM005467	6/20/2019	AMF	25700 & 25903 NE North Shore Road	Tahuya		<input checked="" type="checkbox"/>	ASB
19DEM005468	6/20/2019	AMF	1302 North Street	Olympia	Complete package received 6/24/2	<input checked="" type="checkbox"/>	ASB
19DEM005469	6/21/2019	AMF	641 Olympus Blvd	Port Ludlow	Requesting full survey. Lab results	<input checked="" type="checkbox"/>	ASB
19DEM005470	6/21/2019		902 Monroe St	Hoquiam		<input checked="" type="checkbox"/>	ASB
19DEM005471	6/24/2019	AMF	1234 54th St	Port Townsend	Req't start date of 6/25/19.	<input checked="" type="checkbox"/>	ASB
19DEM005472	6/24/2019	AMF	132 Seagate SW	Ocean Shores		<input checked="" type="checkbox"/>	19ASB006733
19DEM005473	6/24/2019	AMF	11328 Case Extension Road SW	Olympia		<input type="checkbox"/>	ASB
19DEM005474	6/26/2019		1930 W HWY 101	Port Angeles		<input checked="" type="checkbox"/>	ASB
19DEM005475	6/26/2019		840 E St. Andrews Dr.	Shelton		<input checked="" type="checkbox"/>	ASB



Permit#	Rec'd	Staff	Address	City	Status	Asb Survey	Asb Permit #
19DEM005476	6/26/2019		1241 NE Old Belfair Hwy	Belfair		<input checked="" type="checkbox"/>	ASB
19DEM005477	6/26/2019		28910 V Lane	Ocean Park		<input checked="" type="checkbox"/>	ASB
19DEM005478	6/26/2019		1124 Campbell Ave	Port Angeles	sent email for \$\$s. Called and rec'd	<input checked="" type="checkbox"/>	19ASB006735
19DEM005479	6/28/2019		1827 Van Ness Street	Port Townsend	NO SURVEY W/Notification.	<input type="checkbox"/>	ASB
19DEM005480	6/28/2019	AMF	110 U St SE	Olympia		<input checked="" type="checkbox"/>	ASB
19DEM005481	7/1/2019	RTM	930 Andy Cooper Rd	Port Ludlow		<input checked="" type="checkbox"/>	ASB
19DEM005482	7/1/2019		1309 Sherman	Westport		<input checked="" type="checkbox"/>	ASB
19DEM005483	7/3/2019		286 SE Crater Rd	Shelton		<input checked="" type="checkbox"/>	ASB
19DEM005484	7/5/2019	MS	90 Elma Gate Rd E	Oakville		<input checked="" type="checkbox"/>	19ASB006745



# Current ORCAA Land Clearing Burn Permits

FireDistrict	Expiration	#	Burn Site Address	City
CFD #3, Sequim	7/7/2019	4754	355 Fir View Lane	Sequim
GHFD #17, Humptulips/Axford	7/24/2019	4759	7 Riverview	Humptulips

# Complaint Report for period from 6/7/2019 to 7/5/2019

Date	Source	City	Rec'd	Formal	Online	Smoke	Odor	Open Fire	Dust	Wood-stove	Asbestos/Demo	Marijuana	Other
<b>County:</b>													
06/10/2019	Resident(s)	Rainier	TG	<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"/>	
06/11/2019	Denny Tabler	Rainier	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"/>	
06/13/2019	unknown		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"/>	
06/14/2019	Jaqua Britestar	Hoodspport	SMS	<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"/>	
06/14/2019	Jaqua Britestar	Hoodspport	SMS	<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"/>	
07/02/2019	Ataman, Engin	Rainier	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"/>	
<b>County:</b> Clallam													
06/14/2019	Breanna York	Sequim	MS	<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"/>	
06/20/2019	Cascade Bark	Sequim	RTM	<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"/>	<input type="checkbox"/>	
<b>County:</b> Grays Harbor													
06/21/2019	unknown	Westport	DAN	<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"/>	
<b>County:</b> Jefferson													
06/25/2019	Furniture Clinic Port of Port Townsend	Port Townsend	JW	<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"/>	
06/26/2019	PENNY CREEK QUARRY	QUILCENE	RTM	<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"/>	<input type="checkbox"/>	
<b>County:</b> Mason													
06/07/2019	SHELTON VETERINARY HOSPITAL	SHELTON	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"/>	
07/01/2019	SHELTON VETERINARY HOSPITAL	SHELTON	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"/>	
<b>County:</b> Thurston													
06/07/2019	Land clearing burn pile	Olympia	JW	<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"/>	
06/07/2019	Untended land clearing burning	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 type="checkbox"/>	<input type="checkbox"/>	
06/10/2019	Bryce Billington	Lacey	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"/>	
06/10/2019	Charles Robson and Desiree Saylor	Tumwater	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"/>	
06/10/2019	Holly Copland	Olympia	SMS	<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"/>	
06/10/2019	Kevin Gordon	Lacey	MS	<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"/>	
06/11/2019	black river farm conservation easement	Rochester	JW	<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"/>	<input type="checkbox"/>	

Date	Source	City	Rec'd	Formal	Online	Smoke	Odor	Open	Fire	Dust	Wood- stove	Asbestos/ Demo	Marijuana	Other
06/11/2019	black river farm conservation easement	Rochester	JW	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	
06/11/2019	Langford, Sharon	Olympia		<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"/>	
06/12/2019	Daniel Mates	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"/>	
06/13/2019	Rosemary C Mitchell	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"/>	
06/13/2019	Virginia D Balcom	Tumwater	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"/>	
06/17/2019	Lela Wood	Olympia	SMS	<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"/>	
06/19/2019	Edwin Nuttall	Yelm	RTM	<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"/>	
06/20/2019	Keith Bigelow	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"/>	
06/20/2019	John & Samantha Hertzog	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"/>	
06/20/2019	Kathy Hamilton	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"/>	
06/20/2019	Russel Turley	Yelm	RTM	<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"/>	
The tenant has been piling garbage and plastic with the possible intent of burning it.														
06/21/2019	Joanne Mayhew	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"/>	
06/21/2019	Kimbal Austin	Olympia	MS	<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"/>	
06/21/2019	Kimbal Austin	Olympia		<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"/>	
06/21/2019	Richard Thompson	Olympia	RTM	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	
06/21/2019	Shannon T Reynolds	Lacey	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"/>	
06/24/2019	Chris	Olympia	SMS	<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"/>	
06/24/2019	De Tray Family Partnership	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"/>	
06/27/2019	Dane Freye	Lacey	SMS	<input type="checkbox"/>	<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"/>	
06/27/2019	Julie Kalar	Tenino	SMS	<input type="checkbox"/>	<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"/>	
06/28/2019	unknown	Olympia	DJM	<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"/>	
06/30/2019	Caroline Koppelman	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"/>	
07/01/2019	Timothy Josey	Lacey	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"/>	<input type="checkbox"/>	
07/02/2019	Rex Keyes	Olympia	SMS	<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"/>	<input type="checkbox"/>	
07/05/2019	Daniel and Emile Camaduran	Lacey	JW	<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"/>	
07/05/2019	Rosanna Gillaspie	Rochester	RTM	<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"/>	
07/05/2019	Rosanna Gillaspie	Rochester	RTM	<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"/>	

# NOV Monthly Report

For the period 6/7/2019 to 7/5/2019

NOV #	Name	County	Regulation(s)		NOV Issued	Total Due	Date Paid
3320	JONES	CLALLAM	6.2.5(a)		07/10/2015	\$500.00	6/19/2019
3531	RESURRECTION AUTO BODY AND PAINT		Rule 3.1(d)	Failure to pay Annual Registration fees	12/27/2016	\$1,303.75	6/19/2019
3783	MILLER	THURSTON	Rule 6.2.5(a) Rule 6.2.8(c)(7)	Burning Prohibitives Required Permit in Thurston County	12/28/2018	\$2,500.00	6/28/2019
3789	GEIGER	THURSTON	Rule 6.2.5(a) Rule 6.2.6(a)	Burning Prohibitives Burn Ban	01/28/2019	\$1,000.00	
3795	JENSEN'S U CUT TREE FARM		Rule 6.2.8(c)(1)	Agriculture burning withc a permit	02/05/2019	\$287.50	6/12/2019
3804	GILE		Rule 6.2.5(a) Rule 6.2.8(c)(7)	Burning Prohibitives Required Permit in Thurston County	04/02/2019	\$500.00	
3805	STELLAR J	THURSTON	Rule 6.3.4(a) Rule 6.3.9(a)	asbestos/demo work withc notification/fee Asbestos project by non- certified workers	04/03/2019	\$10,000.00	
3806	PACIFIC ENVIORNMENTAL SERVICES COMPANY	MASON	Rule 6.1(a)	Failure to file NOC	04/05/2019	\$500.00	6/10/2019
3812	ROAD RUNNER FOOD MART	CLALLAM	Rule 6.2.8(b)	Failure to comply with conditions of permit	04/18/2019	\$250.00	
3832	CASINO	THURSTON	Rule 6.2.5(a)	Burning Prohibitives	06/10/2019		
3833	GRIFFITHS, 208 SHAKE AND SHINGLE CO	GRAYS HARBOR	Rule 6.2.5(a)	Burning Prohibitives	06/14/2019		
3834	LANGFORD		Rule 6.2.5(a) Rule 6.2.3	Burning Prohibitives Cities and UGA--No Residential or Land Clearing burning	06/17/2019		
3835	FRY	THURSTON	Rule 6.2.5(a)	Burning Prohibitives	06/18/2019		
3837	FREYE	THURSTON	Rule 6.2.5(a)	Burning Prohibitives	06/27/2019		
3838	KALAR	THURSTON	Rule 6.2.5(a)	Burning Prohibitives	06/27/2019		
<b>Total:</b>						<b>\$30,841.25</b>	

# Industrial / Commercial Air Permits

Pending and Final Permits for period from 06/07/2019 to 07/05/2019

Facility_Name	City	Type	NOC_No	Facility Category	Description	Eng	Application Received	Status	Date of Status Update
CITY OF LONG BEACH - WWTP AND COMPOST FACILITY	LONG BEACH	NOC	19NOC1330	Waste Water Treatment Plant	establish screw press, mixer, in-vessel compost tunnels and after-the-fact emergency engine	JAD	2/22/2019	final permit delivered	6/12/2019
COSTCO GASOLINE FACILITY #64 - TUMWATER	TUMWATER	NOC	19NOC1343	Gasoline Distribution	modify condition 2 of 16MOD1147. Increase gasoline throughput limit to 36 million gallons per year.	LEW	4/18/2019	final permit delivered	7/3/2019
E & L COATINGS NORTHWEST LLC	TENINO	NOC	19NOC1344	Metal Fabrication/Co	install a paint booth and blast booth	AM	4/19/2019	final permit delivered	6/26/2019
MASCO PETROLEUM - PORT ANGELES	PORT ANGELES	NOR	19NOR1356	Gasoline Distribution	Revise Conditions of Approval in current NOC to be for Aboveground Tanks	LEW	5/24/2019	final permit delivered	7/3/2019
McKINLEY PAPER COMPANY	PORT ANGELES	RFC	17RFC1226	Printing/Paper Products	update and add new requirements	MVG	2/7/2018	on hold - waiting on another agency	1/3/2019
SOUTH BAY VETERINARY	OLYMPIA	NOC	19NOC1350	Medical Facility	install an ethylene oxide gas sterilizer	AM	4/29/2019	final permit delivered	6/26/2019
TACC	TUMWATER	NOC	17NOC1255	Automotive Services	install after-the-fact spray booth	AM	9/26/2017	final permit delivered	7/3/2019
7-ELEVEN 32832 - CROSBY BLVD	TUMWATER	ADM	19ADM1346	Gasoline Distribution	Correct required testing frequencies in current NOC	LEW	4/23/2019	hand off to engineer	4/23/2019
AFC BODY SHOP	LACEY	NOC	19NOC1357	Automotive Services		AM	5/17/2019	waiting on SEPA	7/2/2019

Facility_Name	City	Type	NOC_No	Facility Category	Description	Eng	Application Received	Status	Date of Status Update
ALTA FOREST PRODUCTS	SHELTON	NOC	18NOC1302	Lumber Mill - Logging	use oil stain in a flow coater and a addition of an automated spray booth	AM	9/20/2018	draft in progress	7/2/2019
AQUATIC CO	YELM	NOC	19NOC1358	Fiberglass/Marine Services	install a spray booth	MVG	6/10/2019	initial payment received, hand off to engineers	6/10/2019
AQUATIC CO	YELM	RFC	18RFC1287	Fiberglass/Marine Services	incorporate conditions from 17NOC1256	MVG	6/1/2018	draft in progress	1/3/2019
ARBOR CENTRE CHEVRON	LACEY	NOC	19NOC1314	Gasoline Distribution	remove Stage II vapor recovery system	LEW	1/2/2019	incomplete application - waiting on data response	7/2/2019
ARCO #1786 - YELM	YELM	NOC	19NOC1368	Gasoline Distribution	remove stage II	LEW	6/24/2019	completeness determination pending	7/2/2019
ASCENSUS SPECIALTY	ELMA	AOP	15AOP1134	Chemicals	renew AOP	JAD	11/4/2015	on hold - per source	5/9/2019
BHP BILLITON CANADA INC	HOQUIAM	NOC	18NOC1301	Chemicals	establish a potash terminal	AM	9/20/2018	draft pending source review	7/2/2019
BLAKE SAND & GRAVEL INC	SEQUIM	NOR	19NOR1364	Sand and Gravel	have general rock crusher order	AM	6/17/2019	draft pending source review	6/27/2019
CARDINAL CG	TUMWATER	NOC	18NOC1312	Manufacturing	permit after-the-fact boiler	LEW	12/31/2018	final pending final payment	7/2/2019
CARDINAL CG	TUMWATER	NOC	18NOC1312	Manufacturing	permit after-the-fact boiler	LEW	12/31/2018	hand off to Debbie for final paymnet	7/2/2019
CEDAR CREEK CORRECTIONS	LITTLEROCK	MOD	16MOD1143	Corrections Center	modify conditions in approval order	AM	1/28/2016	on hold - per source	1/3/2019
CHEVRON - PLUM	OLYMPIA	ADM	19ADM1334	Gasoline Distribution	correct incorrect testing requirements listed in 12MOC872	LEW	4/16/2019	draft pending internal review	7/5/2019

Facility_Name	City	Type	NOC_No	Facility Category	Description	Eng	Application Received	Status	Date of Status Update
CONTANDA TERMINALS LLC	HOQUIAM	NOC	14NOC1074	Chemicals	install storage tanks and vapor combustion units	AM	12/1/2014	waiting on SEPA	1/3/2019
COSTCO GASOLINE #740 - LACEY	LACEY	NOC	19NOC1365	Gasoline Distribution	modify condition 2 of 15NOC1085. Increase gasoline throughput limit to 21 million gallons per year.	LEW	6/19/2019	draft pending internal review	7/5/2019
COSTCO GASOLINE #740 - LACEY	LACEY	NOC	19NOC1365	Gasoline Distribution	modify condition 2 of 15NOC1085. Increase gasoline throughput limit to 21 million gallons per year.	LEW	6/19/2019	draft pending source review	7/5/2019
CROWN CORK & SEAL CO INC	OLYMPIA	NOI	19NOI1367	Manufacturing	run a trial of a new inside spray	JAD	6/21/2019	on hold - pending initial payment	6/21/2019
FOX LUMBER CO	MONTESA NO	NOC	17NOC1242	Lumber Mill - Logging	after-the-fact review of cyclone	LEW	8/1/2017	final pending final payment	7/2/2019
FOX LUMBER CO	MONTESA NO	NOC	19NOC1351	Lumber Mill - Logging	after the fact review of cyclone and baghouse	LEW	5/28/2019	waiting on data request	7/2/2019
FOX LUMBER CO	MONTESA NO	NOC	17NOC1242	Lumber Mill - Logging	after-the-fact review of cyclone	LEW	8/1/2017	hand off to Debbie for final paymnet	7/2/2019
FRED MEYER FUEL #186	LACEY	ADM	19ADM1348	Gasoline Distribution	Correct required testing frequencies in current NOC	LEW	4/23/2019	draft pending internal review	7/5/2019
FRED MEYER FUEL #186	LACEY	ADM	19ADM1348	Gasoline Distribution	Correct required testing frequencies in current NOC	LEW	4/23/2019	draft pending internal review	7/5/2019
GEORGIA PACIFIC CORRUGATED LLC	OLYMPIA	NOC	19NOC1359	Manufacturing	install 38" Bobst Flexo	JAD	5/31/2019	initial payment received, hand off to engineers	5/31/2019



Facility_Name	City	Type	NOC_No	Facility Category	Description	Eng	Application Received	Status	Date of Status Update
GLACIER NORTHWEST-YELM	YELM	NOC	19NOC1370	Concrete Batch Plant	install a concrete batch plant	AM	6/24/2019	completeness determination pending	7/2/2019
GLOBAL COATINGS LLC	PORT TOWNSEND	NOC	19NOC1355	Fiberglass/Marine Services	perform abrasive blasing and painting on marine vessels	LEW	5/14/2019	waiting on data request	7/2/2019
GRAYS HARBOR ENERGY LLC	ELMA	AOP	09AOP672	Energy Production	Air Operating Permit - Initial	MVG	4/24/2009	draft in progress	1/3/2019
MASCO PETROLEUM - 727 MARINE DR PLANT	PORT ANGELES	ADM	19ADM1345	Gasoline Distribution	remove non-applicable rules from 12NOC896	LEW	4/23/2019	draft pending internal review	7/5/2019
McKINLEY PAPER COMPANY	PORT ANGELES	AOP	18AOP1300	Printing/Paper Products	renew AOP (11AOP816)	MVG	9/4/2018	on hold - per source	1/3/2019
McKINLEY PAPER COMPANY	PORT ANGELES	NOC	19NOC1327	Printing/Paper Products	establish a stock preparation project	MVG	3/11/2019	initial payment received, hand off to engineers	3/11/2019
MOBIL GASOLINE #62512	TUMWATER	ADM	19ADM1347	Gasoline Distribution	Correct required testing frequencies in current NOC	LEW	4/23/2019	hand off to engineers	4/23/2020
PILOT TRAVEL CENTERS LLC	TUMWATER	ADM	19ADM1372	Gasoline Distribution	replace the requirement to perform TP-201.5 with TP-201.4 in 15MOD1095	LEW	7/2/2019	hand off to engineers	7/2/2019
PLATYPUS MARINE	PORT ANGELES	NOI	19NOI1352	Fiberglass/Marine Services	Install dust collector and vacuum	AM	5/10/2019	draft pending source review	6/27/2019
PLATYPUS MARINE	PORT ANGELES	ADM	19ADM1360	Fiberglass/Marine Services	modify 15MOD1126	AM	6/5/2019	draft pending source review	6/27/2019
PORT ANGELES HARDWOOD LLC	PORT ANGELES	MOD	17MOD1243	Wood Products	After-the-fact. modify condition 1	AM	8/8/2017		7/2/2019
PORT ANGELES HARDWOOD LLC	PORT ANGELES	MOD	17MOD1243	Wood Products	After-the-fact. modify condition 1	AM	8/8/2017	draft in progress	7/2/2019

Facility_Name	City	Type	NOC_No	Facility Category	Description	Eng	Application Received	Status	Date of Status Update
PREMIER COLLISION	YELM	NOC	19NOC1369	Automotive Services	permit after-the-fact spray booth	AM	6/24/2019	draft in progress	7/2/2019
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 TOWNSEND	NOC	19NOC1366	Furniture/Cabinet Shops	permit after-the-fact spray booth and dust collection system	AM	6/20/2019	on hold - pending initial payment	6/20/2019
SHORT STOP STORE-N-DELI	SEAVIEW	NOC	19NOC1371	Gasoline Distribution	install new UGS tanks	LEW	6/28/2019	completeness determination pending	7/2/2019
SIERRA PACIFIC INDUSTRIES -	ABERDEEN	AOP	12AOP873	Lumber Mill - Logging	renew AOP permit	AM	1/11/2012	draft in progress	7/2/2019
SIERRA PACIFIC INDUSTRIES -	SHELTON	NOR	19NOR1326	Lumber Mill - Logging	modify condition 3G of 15NOC1128	MVG	2/13/2019	hand off to engineers	2/15/2019
SIERRA PACIFIC INDUSTRIES -	SHELTON	RFC	19RFC1321	Lumber Mill - Logging	Align due dates for ACC and SAMR	MVG	2/1/2019	initial payment received, hand off to engineers	2/1/2019
SIMPSON DOOR CO	McCLEARY	RFC	19RFC1319	Wood Products	correct condition R2	MVG	1/30/2019	draft in progress	2/1/2019
STAFFORD CREEK CORRECTIONS	ABERDEEN	NOI	19NOI1363	Corrections Center	install a spray booth	AM	6/18/2019	on hold - pending initial payment	6/18/2019
VILLA GROVE MARKET & GAS	OLYMPIA	ADM	19ADM1362	Gasoline Distribution	revise testing requirements	LEW	6/14/2019	hand off to engineers	6/14/2019
VSPONE OPTICAL TECHNOLOGY	LACEY	NOI	19NOI1361	Medical Facility		AM	6/14/2019	hand off to Debbie for final paymnet	6/27/2019
WESTPORT LLC	WESTPORT	AOP	14AOP1029	Fiberglass/Marine Services	renew AOP	JAD	3/7/2014	draft in progress	4/29/2019

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.	JAD	9/3/2009	draft in progress	4/29/2019
WEYERHAEUSER NR RAYMOND	RAYMOND	AOP	12AOP915	Lumber Mill - Logging	renew 04AOP387	AM	8/1/2012	draft pending internal review	5/7/2019



# Air Quality Monitoring Summary

June 2019

Odelle Hadley, PhD

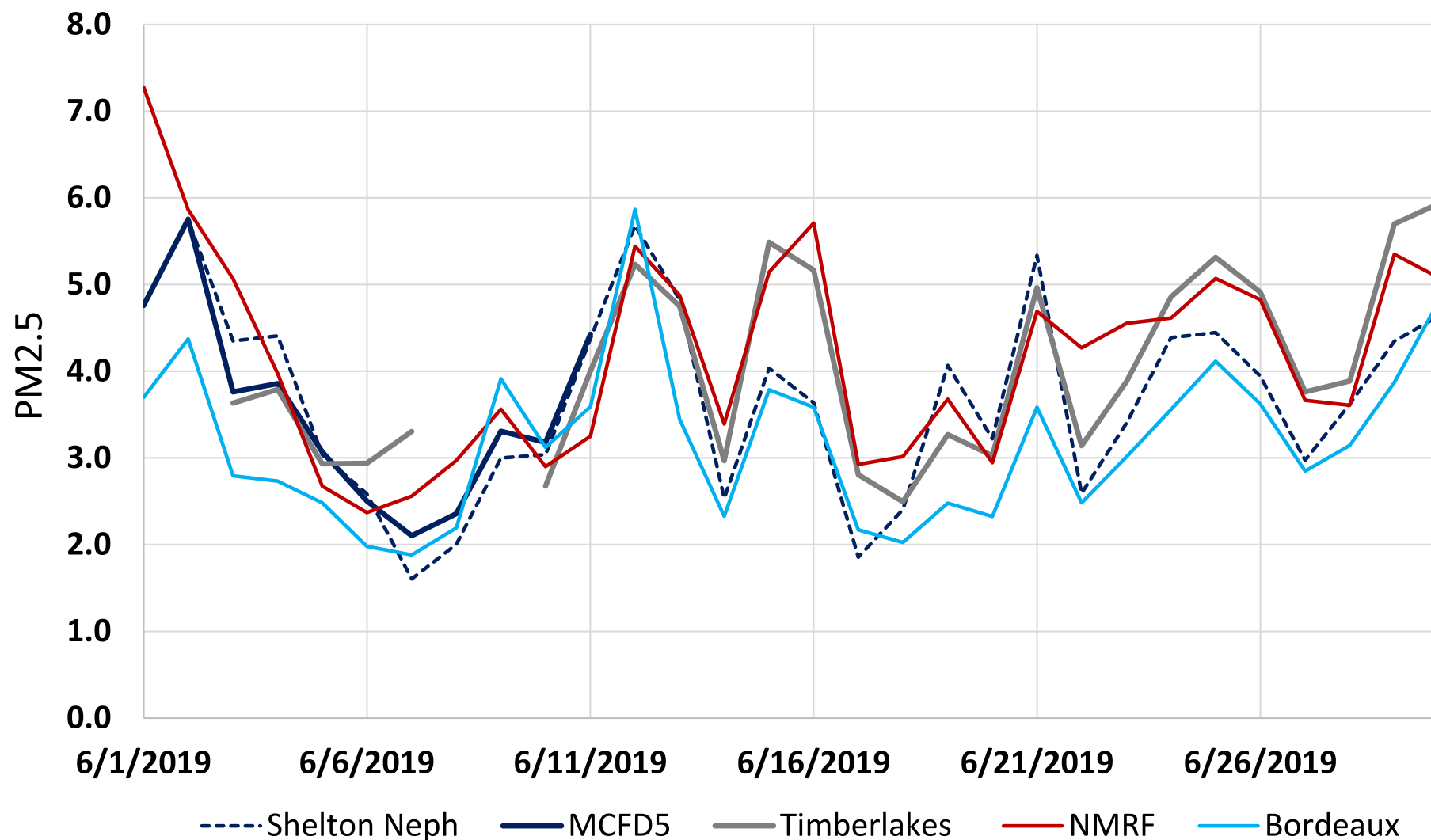
# 2019 June Air Quality Summary – PM2.5

	Minimum	Average	Maximum	GOOD	MOD	USG	UH	VUH
Aberdeen <sup>1</sup>	2.4 $\mu\text{g m}^{-3}$	4.7 $\mu\text{g m}^{-3}$	14 $\mu\text{g m}^{-3}$	19	1*			
Cheeka Peak <sup>2</sup>	0.5 $\mu\text{g m}^{-3}$	1.7 $\mu\text{g m}^{-3}$	3.6 $\mu\text{g m}^{-3}$	28				
Lacey	1.8 $\mu\text{g m}^{-3}$	3.0 $\mu\text{g m}^{-3}$	5.3 $\mu\text{g m}^{-3}$	30				
Port Angeles	2.4 $\mu\text{g m}^{-3}$	4.0 $\mu\text{g m}^{-3}$	6.1 $\mu\text{g m}^{-3}$	30				
Port Townsend	3.1 $\mu\text{g m}^{-3}$	4.0 $\mu\text{g m}^{-3}$	5.4 $\mu\text{g m}^{-3}$	30				
Shelton	1.6 $\mu\text{g m}^{-3}$	3.6 $\mu\text{g m}^{-3}$	5.7 $\mu\text{g m}^{-3}$	30				
South Bend	1.7 $\mu\text{g m}^{-3}$	3.0 $\mu\text{g m}^{-3}$	4.9 $\mu\text{g m}^{-3}$	30				

1. Did not recognize failing instrument for most of the month. \*moderate day is likely false data
2. Power loss

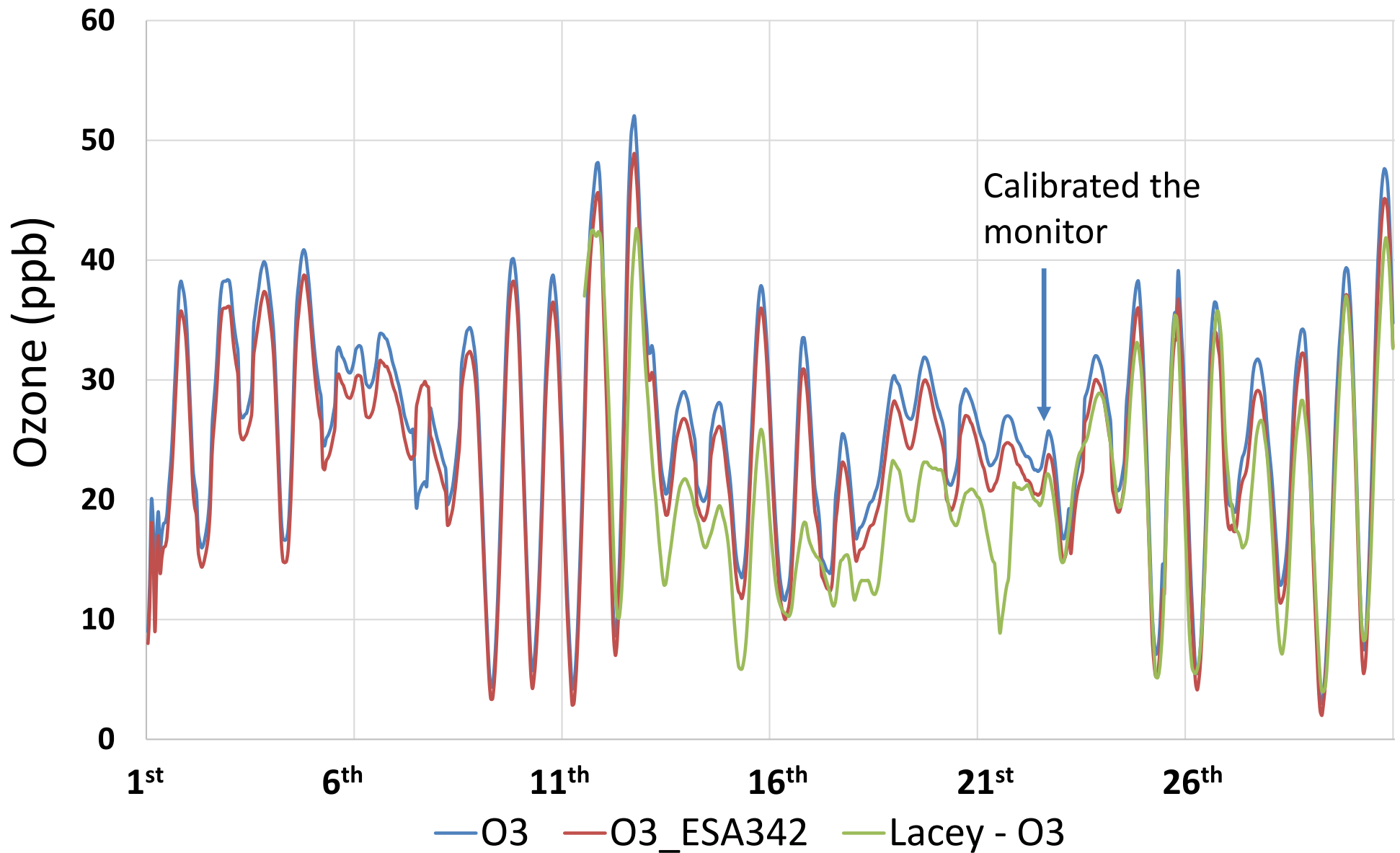
# Mason County Saturation Study

## Daily averages - June 2019



*Data have been corrected to be consistent with the Shelton nephelometer in June*

# Thurston Co – Ozone, June 2019



# Other Monitoring Activities

## Odelle

- CPO data validation and general monitoring tasks
  - Site visit
  - Fixing instruments
  - Work with Makah
- Community Toxics Grant
  - Back-up for sample collection while students away
  - Data processing and analysis
  - Administrative/budget

## Nick

- Quarterly QC
  - Port Angeles
  - Port Townsend
- Submitting QC paperwork and data validation to Ecology
- Troubleshooting Aberdeen nephelometer
- Troubleshooting Purple Air monitor in Shelton, WA



# Contact

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