



NOTICE AND AGENDA OF THE YAKIMA REGIONAL CLEAN AIR AGENCY BOARD OF DIRECTORS' REGULAR MEETING

NOTICE

NOTICE is hereby given that the Yakima Regional Clean Air Agency Board of Directors' Study Session will be held at the Yakima City Hall, City Council Chambers on Thursday, January 12, 2017 at 1:30 p.m. for Executive Director Position finalist presentations of their thoughts of the future of the YRCAA if they were selected. The Regular Meeting will follow at 2:00pm.

STUDY SESSION @ 1:30 p.m.

Finalists Presentations

PUBLIC COMMENTS

This is a public meeting. If you wish to address the Board concerning any air quality matter, you may do so now. Please come forward to the podium, stating your name for the record. The Chair has the right to place a time limit on each person asking to be heard.

AGENDA

REGULAR MEETING @ 2:00 p.m.

1. 2:00 P.M. Call to Order
2. Roll Call
3. Additions or Deletions to Agenda

Board Chair
Quatandra Jarvis
Board Chair

CONSENT AGENDA

4. Consider Approving the Consent Agenda, Items for action 4.1 through 4.2. The Board may approve the Consent Agenda by single motion in whole or in part, with or without further discussion.
 - 4.1 By consent, approve December 8, 2016 Board Meeting Summary; and
 - 4.2 By consent accept and file, YRCAA December, 2016 Monthly Activity Report.

Action Requested: Approve Consent Agenda Items 4.1 through 4.2.



REGULAR AGENDA

5. Receive YRCAA Director's Report.
Action Requested: No report this month.

ACTION ITEMS

6. Accept Fiscal Reports. *Christa Owen*
• Approve Fiscal Vouchers and Payroll Authorization Transfers;
• BVA(s) – FYI;
• Supplemental Income Status Report for CY 2016; and
Action Requested: Approve Fiscal Vouchers, Payroll Authorization Transfers, Accept and File Fiscal Reports.
7. Proposed Ammonia Project
Action Requested: Approve Resolution 2017-01 *Mark Edler*
8. Dismiss Uncollectable Debts
Action Requested: Approve Resolution 2017-02 *Keith Hurley*

DIVISION REPORTS

9. Engineering and Planning Division *Hasan Tahat*
Accept Engineering and Planning Division Report
Action Requested: Accept and file Report – No action required
10. Compliance and Enforcement Division *Keith Hurley*
Accept Compliance and Air Monitoring Division Report
Action Requested: Accept and file Report - No Action Required
11. Executive Division Report *Mark Edler*
Accept Executive Division Report
Action Requested: Accept and file Report – No action required

OTHER BUSINESS

12. Other Business and Adjournment *Board Chair*

The Next Board of Directors Meeting is scheduled for Thursday, February 9, 2017 at the City of Yakima Council Chambers, 129 N Second Street, Yakima.



Summary of the Governing Board of Directors Meeting

Location, Date and Time:

Yakima City Hall Council Chambers,

December 8, 2016 Time: 1:30 p.m.

Jon DeVaney, Board Chair, called the Study Session to order at 1:30 p.m.

Study Session:

- Proposed ammonia research project is a result of meeting, back in June, 2016, between the Agency and concerned citizens;
- September, 2016 project moved to the Compliance Division for development of work plan and budgeting;
- Presentation of work plan and budget:
 - Four sites for ammonia gas sampling are proposed to assess short term trends (1 year) of ambient ammonia concentrations. Two in upper valley and two in lower valley;
 - Hopeful objective is to determine the degree to which ammonia contributes to the formation of aerosol nitrates and subsequently to extent aerosol nitrates contribute to the formation of PM2.5 during days of elevated PM2.5 values;
 - Ammonia is a gas released from a variety of biological sources and industrial and combustion processes as well as the most prevalent gas in the atmosphere;
 - Ammonia can negatively affect air quality by contributing to the formation of aerosol nitrates, which are a major contributor of PM2.5;
 - YAWN (Yakima Air Wintertime Nitrate) Study, done in January, 2013, found ammonia emissions from agricultural operations combined with NOx from vehicles produced aerosol nitrates. One of the limitations of the study was it remained only done in the upper valley. Ecology addressed this limitation by collecting several gravimetric samples using FRMs (Federal Reference Methods) PM2.5 samplers in Sunnyside and Toppenish between November, 2015 and January, 2016. Analysis of the samples indicated elevated nitrate levels occurred in both upper and lower valley simultaneously on days of elevated PM2.5 values, which suggests common sources of aerosol nitrate precursors in both valleys;
 - Project team will consist of the Compliance and Enforcement Division along with the Engineering and Planning Division Supervisor; and
 - Total proposed budget of \$14,404.44 will be supplied by the Agency.
- Questions:
 - Proposed costs, are they to be charged to the existing Agency budget or in addition to that budget? Answer-charged to the existing budget;
 - Understand this project will establish baseline data content for ammonia, but won't necessarily identify sources. After getting this data, what will Board actions be following that?
 - Is there a thesis/hypothesis for the study? Answer-no;
 - Usually there is a randomization with collecting data when conducting a study to reduce biases. There does not appear to be a randomization to this study, so study appears biased. How were these four locations determined? Answer- Two sites are baseline and two are field study sites. Agency would prefer to have multiple field sampling sites, however, do not have the budget to support that;
 - Is there Agency policy about sampling on private property versus public property? Answer-no;
 - If ammonia is not a driver for aerosol nitrate why measure it?
 - Is there approved methodology across the United States for ammonia sampling? Answer-yes, several.
 - If ammonia is going to be a standard, what monitor will it be tested from?

AGENDA ITEM NO. 4.1

Answer-From Comprehensive Mental Health and Harrison Middle School. EPA would need to come up with a monitoring plan to determine if they will monitor and if so, how.

- With absence of national standard, does Agency have an ideas as to what will be used as a baseline to advise the Board that the number indicates a lot of ammonia and not a lot of ammonia. Answer-Do not have an answer to that yet.
- The proposal will be scheduled for action next month along with further information for paying for it.

1. **Jon DeVaney, Board Chair, called the Meeting to order at 2:00 p.m.**
2. **Quatandra Jarvis, Clerk of the Board conducted roll call. There was a quorum**

BOARD MEMBERS:	Present	STAFF:	Present
Jon DeVaney, Representative-At-Large	x	Executive Director	
Norm Childress, Small Cities Representative	x	Quatandra Jarvis, Clerk of the Board	x
Steven Jones, Ph.D., County Representative	x	Mark Edler, Executive Supervisor	x
Bill Lover, Largest City Representative	x	Christa Owen, Fiscal Manager	x
Rand Elliott, Yakima County Commissioner	x	Hasan Tahat, Engineering and Planning Supervisor	x
		Keith Hurley, Compliance and Enforcement Supervisor	x
LEGAL COUNSEL: Gary Cuillier, Board Counsel	x		
MEDIA: YPAC	x		

3. **Additions and Deletions to Agenda:**
 - Other Business-update on Executive Director Position selection.

Public Comment:

- Jean Mendoza-
 - Advised that the CDC has standards for acceptable levels for chronic exposure to ammonia;

- UW conducted a study of asthmatic children in the lower valley and measured ammonia levels outside the home of the children studied;
- Feels this is an important issue even with the absence of ambient ammonia standards; and
- Would like the Board to consider public health as one of the important factors of the proposed ammonia project.
- Jim Dyjak-
 - Feels the proposed ammonia project is important in that it will provide numbers that could help get a grant to conduct a more thorough study.
- Sandy Braden-Friends of Toppenish Creek-
 - Asked if the Board had heard from the Attorney General's Office regarding her belief of a conflict of interest in regards to Dr. Jones's position on the Board. Answer-no.
- Kathleen Rogers-
 - Would like the monitors because of their dedication to the issues; and
 - Would like the proposed project to be approved.
- Steve George-
 - provided staff with written comments;
 - Believes a lot of the issues in the proposed project have already been addressed in previous studies;
 - Dairy Industry is not in sport of the project. They feel it targets them when there are other sources of ammonia.
- Jim Dyjak-
 - Does not agree with Mr. George's comments; and
 - Advised his complaints have not been verified from his house.
- Larry Fendell-
 - Concerned about ammonia crossing fence line, not ammonia found on the dairy.

Regular Agenda:

4. Consent Agenda

- Includes four (4) items, November Summary, November Monthly Activities, proposed 2017 Board Meeting Schedule and proposed 2017 Holiday Schedule.

Motion to approve consent Agenda in its entirety made by Rand Elliott seconded by Mayor Norm Childress. Motion Approved.

5. Director's Report

- No report this month.

Action Items:

6. Fiscal Report:

- Payroll for November was \$63,993.53 ;
- A/P was \$23,060.20;
- Out of A/P, Wood Stove Change-Out was \$12,399.21 and Enterprise was \$812.00.

Motion to approve made by Steven Jones. Ph.D. seconded by Bill Lover. Motion approved.

7. Permit Fees:

- Set permit fees to cover costs of permit programs for 2017; and
- As a result of a cost and revenue analysis, no fee increase is needed for 2017.

Rand Elliott moved to approve, Mayor Norm Childress seconded. Motion granted.

DIVISION/PROGRAM REPORTS (See written reports for complete details.)

8. Engineering and Planning Division Report:

- EPA proposed refinements to Section 105 allocation grant money and soliciting comments until December 23, 2016. EPA would like to use the new formula starting FY2017;
- Assuming budget remains the same there will be a decrease of about 2.5% every year;
- Next board meeting will bring additional information. Believes this budget will be implemented;
- Issued 3 New Source Reviews; and
- Issued 1 burn ban for two days in November, however, no exceedances expected.

9. Compliance and Enforcement Division Report:

- Issued one AOD; and
- 2nd Quarter 2016 Air Monitoring Data Quality Assessment report shows the PM2.5 FRM and the PM10 FEM graded out at 100% and Speciation graded out at 93%.

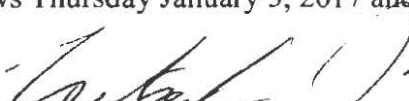
10. Executive Division Report:

- Wood Stove Change-Out program has slowed down;
- Participated in the Youth Environmental Summit at the Yakima Convention Center; and
- Starting Community Air Quality Quorum on Jan. 10, 2017.

11. Other Business and Adjournment

- Proclamation of Appreciation for Gary Pruitt;
- Search process for selection-
 - Closed December 1, 2016;
 - 13 total candidates, 7 did not qualify, 6 did;
 - Per Open Public Meeting Act, Board able to meet in private session to interview candidates. Any discussion of ranking or selecting candidates for finalist or final decision needs to be done in an open meeting;
 - Recommendation of the Board Chair is for the entire Board to do a first round of interviews followed by an Open session to identify finalists;
 - An open session for the final interview to allow finalists to interact with the public;
 - Schedule a Board Meeting to select the final candidate;
 - Final negotiations on salaries, board will select a point of contact and then salary will be approved by the Board;
 - Aim for first round of interviews Thursday January 5, 2017 and second round January 12, 2017.

Jon DeVaney, Board Chair



Quatandra Jarvis, Clerk of the Board

Audio CD of this meeting is available at the YRCAA.
Meeting Summary submitted to Board for approval.

Date of Release: January 5, 2017
Date of Consideration: January 12, 2017
To: Board of Directors
From: Office of the Executive Director
Subject: Monthly Activity Report

Activity	FY16	Oct. 16	Nov. 16	Dec. 16	FY16 thru Dec.	FY17 thru Dec.
Minor Source Inspections	107	9	5	6	107	20
Complaints Received	201	14	22	17	112	53
NOVs Issued	85	10	8	6	31	24
AODs Issued	0	3	1	2	0	6
Warning Notices Issued	7	3	1	2	29	6
NOPs Issued	60	5	7	4	22	16
SEPA Reviews	245	24	9	13	126	46
AOP Applications Received	1	0	0	0	0	0
AOPs Issued or Renewed	3	0	0	0	0	0
Deviations/Upsets Reported	12	1	1	1	5	3
AOP Inspections	8	0	0	1	5	1
Public Workshops	0	0	0	0	3	0
Media Events	0	0	0	0	0	0
Media Contacts	19	0	0	5	15	5
Education Outreach Events	8	1	1	0	2	2
Sources Registered	381	1	0	3	0	4
NSR Applications Received	10	3	1	5	12	9
NSR Approvals Issued-Temporary	1	0	0	0	0	0
NSR Approvals Issued-Permanent	13	1	3	3	8	7
NODRs Received	189	17	24	7	98	48
Agricultural Burn Permits Issued	206	18	12	6	42	36
Conditional Use Permits Issued	11	0	1	0	3	1
Residential Burn Permits Issued	240	39	0	0	315	39
Burn Ban Days	90	0	3	17	24	20
Public Records Requests Fulfilled	26	6	7	2	6	15

AOP - Air Operating Permit; **NODR** - Notification of Demolition and Renovation; **NOP** - Notice of Penalty;
NOV - Notice of Violation; **NSR** - New Source Review; **SEPA** - State Environmental Policy Act

AGENDA ITEM NO. 4.2



Executive Memorandum

Date of Release: January 5, 2017

Date of Consideration: January 12, 2017

To: YRCAA Board of Directors

From: Office of the Director

Christa Owen

Subject: Fiscal Program Report

Issue: Consider Fiscal Reports, forms, and vouchers.

Recommendation(s): Accept, and approve by minute action, December 2016 AP Fiscal Vouchers (16,720.27), and December Payroll Authorization (\$53,892.59). Out of A/P, \$2,790.00 was for Wood Stove Change-out Expenses, and \$0.00 was for Enterprise expenses.

Discussion: December Accounts Payable and Payroll Authorizations are enclosed for your approval. BVA and Supplemental Income are included as informational items.

Enclosures

AGENDA ITEM NO. 6



December 9, 2016

Fund 614-614 YRCAA

Fund 614-141 Enterprise

<u>Name</u>	<u>Warrant/MICR #</u>	<u>GL #</u>	<u>Amount</u>	<u>Date</u>
BIAS Software	32950	4901	\$ 700.00	12/12/2016
Charter Communications	32951	4201	\$ 726.19	12/12/2016
Coleman Oil Company	32952	3201	\$ 95.76	12/12/2016
Cuillier Law Office	32953	4101	\$ 98.00	12/12/2016
FedEx	32954	4202	\$ 13.00	12/12/2016
Five K Technologies	32955	3502	\$ 25.00	12/12/2016
Fred Pryor Seminars	32956	4901	\$ 98.00	12/12/2016
Jeff Hernandez*	32957	4101	\$ 400.00	12/12/2016
Jennifer Hines*	32958	4101	\$ 750.00	12/12/2016
Leaf	32960	4501	\$ 186.07	12/12/2016
Pitney Bowes Reserve Account	32961	4202	\$ 500.00	12/12/2016
Skaggs Carpet & Furniture Cleaners	32963	4802	\$ 150.00	12/12/2016
Verizon Wireless	32964	4201	\$ 328.92	12/12/2016
Richard Wirachowsky*	32965	4101	\$ 400.00	12/12/2016
YRCAA	32966	4901	\$ 419.21	12/12/2016
Quatandra Jarvis	32967	4301	\$ 179.28	12/12/2016

Total:

\$ 5,069.43

***Reimbursement from Grant**

****NOC/Enterprise**

This is to certify that the invoices and warrants above for the Yakima Regional Clean Air Agency have been examined, audited and approved by the Alternate Auditing Officer for payment.

Total Amount: **\$ 5,069.43**

Jon DeVaney, Board Chairman

1/12/2017

Christa Owen, Alternate Auditing Officer

12/12/2016



December 23, 2016

Fund 614-614 YRCAA

Fund 614-141 Enterprise

<u>Name</u>	<u>Warrant/MICR #</u>	<u>GL #</u>	<u>Amount</u>	<u>Date</u>
Abadan Reprographics	32968	4801	\$ 519.31	12/27/2016
BIAS Software	32969	3502	\$ 3,083.69	12/27/2016
Bradley A. Mellotte	32970	4501	\$ 3,480.00	12/27/2016
Costco Membership	32971	4901	\$ 55.00	12/27/2016
Crystal Springs	32972	3101	\$ 12.27	12/27/2016
KeyBank	32973	Various	\$ 2,237.49	12/27/2016
Nth Degree Environmental Engineering	32974	4101	\$ 750.00	12/27/2016
Northwest Community Action Center*	32975	4101	\$ 240.00	12/27/2016
Pitney Bowes Global Financial Services	32976	4501	\$ 256.40	12/27/2016
Radio Yakima*	32977	4101	\$ 1,000.00	12/27/2016
Splash Express	32978	4801	\$ 16.68	12/27/2016

Total:

\$ 11,650.84

***Reimbursement from Grant**

****NOC/Enterprise**

This is to certify that the invoices and warrants above for the Yakima Regional Clean Air Agency have been examined, audited and approved by the Alternate Auditing Officer for payment.

Total Amount: **\$ 11,650.84**

Jon DeVaney, Board Chairman

1/12/2017

Christa Owen
Christa Owen, Alternate Auditing Officer

12/27/2016

AUTHORIZATION FOR ELECTRONIC FUNDS TRANSFER

Direct Deposit Payroll & Payroll Taxes

Date: 12/29/2016

District: Yakima Regional Clean Air Agency

Contact Person: Christa Owen

Address: 329 North First Street, Yakima, WA 98901

Telephone No. 834-2050 ext 104 **Telefax No.** 834-2060

Authorization is given for the Yakima County Treasurer to electronically transfer the amounts listed below:

Name of Bank: Key Bank of Washington

ABA Routing Number: XXXXXXXXXX

Bank Account Number: XXXXXXXXXX

Payroll Date: January 3, 2017

Transfer Amount(s): \$ 53,892.59

Total Amount of Electronic Transfer: **\$ 53,892.59**

Authorizing Signatures (No facsimile signatures accepted.):

Auditing Officer

Chairman Board of Directors

Christa Owen
Alternate Auditing Officer

Date December 29, 2016

Note: The Yakima County Treasurer's Office must receive the completed authorization by 12:00 noon, two (2) business days prior to payroll date. An original must be provided to the County Treasurer's Office if a telefax is sent. *Do not consider a telefax delivered until you have verified with the Treasurer's Office that it has been received.*

Contact Persons at County Treasurer's Office: **Cindy**

Telephone Number: 509-574-2780
(01-2008)

Telefax Number: 509-574-2801

FY 2017 Monthly BVA

December 2016 Report Date: January 12, 2017		Budget	Actual Current	Actual Year to Date	Year to Date % of Budget
REVEUNE					
REVENUE 614 YRCAA Base Operations					
Stationary Source Permit Fees					
614-32190001	Minor Sources	\$ 156,353	\$ 1,812	\$ 5,889	3.8%
614-32190008	Synthetic Minor Sources	\$ 21,280	\$ -	\$ -	0.0%
614-32190006	Complex Sources	\$ 20,560	\$ -	\$ -	0.0%
614-32290001	Title V Sources	\$ 122,891	\$ -	\$ 124,949	101.7%
614-32190002	New Source Review	\$ 30,000	\$ 3,036	\$ 26,810	89.4%
<i>Subtotal, Stationary Source Permit Fees</i>		<i>\$ 351,084</i>	<i>\$ 4,848</i>	<i>\$ 157,648</i>	<i>44.9%</i>
Burn Permit Fees					
614-32290005	Residential Burn Permits	\$ 62,450	\$ 4,560	\$ 29,376	47.0%
614-32290007	Agricultural Burn Permits	\$ 33,000	\$ 822	\$ 7,371	22.3%
614-32290011	Conditional Use Burn Permits	\$ 2,329	\$ -	\$ 218	9.4%
<i>Subtotal, Burn Permit Fees</i>		<i>\$ 97,779</i>	<i>\$ 5,382</i>	<i>\$ 36,965</i>	<i>37.8%</i>
Compliance Fees					
614-32190005	Asbestos Removal Fees	\$ 35,956	\$ 1,061	\$ 12,632	35.1%
614-32190009	Construction Dust Control Fees	\$ 8,608	\$ 327	\$ 4,166	48.4%
<i>Subtotal, Compliance Fees</i>		<i>\$ 44,564</i>	<i>\$ 1,388</i>	<i>\$ 16,798</i>	<i>37.7%</i>
<i>Subtotal, All Permit Fee Revenue</i>		<i>\$ 493,427</i>	<i>\$ 11,618</i>	<i>\$ 211,411</i>	<i>42.8%</i>
Base Grants					
614-33366001	EPA, Core Grant	\$ 123,501	\$ -	\$ 61,040	49.4%
614-33403101	DOE, Core Grant	\$ 82,384	\$ -	\$ 41,376	50.2%
<i>Subtotal, Base Grants</i>		<i>\$ 205,885</i>	<i>\$ -</i>	<i>\$ 102,416</i>	<i>49.7%</i>
Fines & Penalties					
614-35990001	Civil Penalty	\$ 2,500	\$ 3,339	\$ 30,232	
614-35990001	Other Fines	\$ -	\$ -	\$ -	
<i>Subtotal, Fines & Penalties</i>		<i>\$ 2,500</i>	<i>\$ 3,339</i>	<i>\$ 30,232</i>	
Supplemental Income					
614-33831001	Supplemental Income	\$ 99,988	\$ -	\$ 39,294	39.3%
<i>Subtotal, Supplemental Income</i>		<i>\$ 99,988</i>	<i>\$ -</i>	<i>\$ 39,294</i>	<i>39.3%</i>
Other Income					
614-36111001	Interest	\$ 1,801	\$ 257	\$ 1,577	87.5%
614-36990014	Miscellaneous Income	\$ 1,200	\$ -	\$ 13	1.1%
<i>Subtotal, Other Income</i>		<i>\$ 3,001</i>	<i>\$ 257</i>	<i>\$ 1,590</i>	<i>53.0%</i>
<i>Total YRCAA Base Operations Revenue</i>		<i>\$ 804,801</i>	<i>\$ 15,213</i>	<i>\$ 384,942</i>	<i>47.8%</i>
REVENUE 614 YRCAA Grant Operations					
614-33403105	Wood Stove Ed	\$ 5,418	\$ -	\$ 5,331	98.4%
614-33403108	PM 2.5	\$ 21,050	\$ -	\$ 10,525	50.0%
614-33403107	Woodstove Change-out	\$ 145,797	\$ 4,401	\$ 51,314	35.2%
<i>Total YRCAA Grant Operations Revenue</i>		<i>\$ 172,265</i>	<i>\$ 4,401</i>	<i>\$ 67,170</i>	<i>39.0%</i>
REVENUE Enterprise Operations					
614-34317001	VE Certification Fees	\$ 85,925	\$ 2,975	\$ 37,525	43.7%
614-34317002	Other Enterprise Revenue	\$ 450	\$ 75	\$ 150	33.3%
<i>Subtotal, Enterprise Revenue</i>		<i>\$ 86,375</i>	<i>\$ 3,050</i>	<i>\$ 37,675</i>	<i>43.6%</i>
<i>Total Base, Grant and Enterprise Revenue</i>		<i>\$ 1,063,441</i>	<i>\$ 22,664</i>	<i>\$ 489,787</i>	<i>46.1%</i>

FY 2017 Monthly BVA

December 2016 Report Date: January 12, 2017	Budget	Actual Current	Actual Year to Date	Year to Date % of Budget
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EXPENSES**EXPENSES 614 YRCAA Base Operations****Salaries**

614-1001	Salaries	\$ 507,693	\$ 37,148	\$ 250,394	49.3%
614-2002	Benefits	\$ 187,777	\$ 13,052	\$ 87,976	46.9%
614-1003	Overtime	\$ -	\$ -	\$ -	-
Subtotal, Salaries		\$ 695,470	\$ 50,200	\$ 338,370	48.7%

Supplies

614-3101	Office Supplies	\$ 7,450	\$ 690	\$ 2,705	36.3%
614-3101	Safety Equipment	\$ -	\$ -	\$ -	-
614-3201	Vehicles, Gas	\$ 3,325	\$ 96	\$ 862	25.9%
614-3501	Small Tools/Equipment	\$ -	\$ -	\$ -	-
614-3502	Computer Network	\$ 10,466	\$ 3,690	\$ 7,321	69.9%
Subtotal, Supplies		\$ 21,241	\$ 4,475	\$ 10,888	51.3%

Services

614-4101	Professional Services	\$ 15,000	\$ 848	\$ 19,224	128.2%
614-4101	Laboratory Analyses	\$ 157	\$ -	\$ 40	25.5%
614-4125	Treasurer, Yakima County	\$ 1,679	\$ 152	\$ 909	54.2%
614-4201	Communications, Phones/Internet	\$ 12,444	\$ 1,055	\$ 6,334	50.9%
614-4202	Postage	\$ 3,900	\$ 513	\$ 1,260	32.3%
614-4301	Travel & Transportation	\$ 3,650	\$ 185	\$ 254	7.0%
614-4401	Public Education	\$ 4,000	\$ -	\$ 570	14.3%
614-4401	Publications, Legal Notices	\$ 526	\$ -	\$ -	0.0%
614-4501	Rents & Leases, Equipment	\$ 1,982	\$ 442	\$ 1,629	82.2%
614-4501	Rents & Leases, Space	\$ 41,760	\$ 3,480	\$ 20,880	50.0%
614-4601	Insurance	\$ 13,398	\$ -	\$ 12,662	94.5%
614-4801	Maintenance, Motor Vehicles	\$ 2,229	\$ 428	\$ 1,569	70.4%
614-4801	Maintenance, Equipment	\$ 1,853	\$ 1,081	\$ 1,667	90.0%
614-4801	Maintenance, Computers	\$ 150	\$ -	\$ 357	238.0%
614-4801	Maintenance, Building	\$ 520	\$ 150	\$ 499	96.0%
614-4901	Memberships	\$ 230	\$ 55	\$ 55	23.9%
614-4901	Training	\$ 2,898	\$ 798	\$ 2,562	88.4%
614-4901	Service Chgs & Interest	\$ 4,600	\$ 419	\$ 1,688	36.7%
614-4901	Miscellaneous Services	\$ 2,600	\$ -	\$ 908	34.9%
614-4901	DOE Oversight Fees	\$ 4,787	\$ -	\$ -	0.0%
Subtotal, Services		\$ 118,363	\$ 9,607	\$ 73,068	61.7%

Capital Out-Lay & Fixed Assets

614-6401	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	#DIV/0!
Total YRCAA Base Operations Expenses		\$ 835,074	\$ 64,282	\$ 422,326	50.6%

EXPENSES 614 YRCAA Grant Operations**614-33403105 Wood Stove Ed****Salaries**

614-1001	Salaries	\$ 3,956	\$ -	\$ 636	-
614-2002	Benefits	\$ 1,462	\$ -	\$ 223	-
614-1003	Overtime	\$ -	\$ -	\$ -	-
Subtotal, Salaries		\$ 5,418	\$ -	\$ 859	-

Supplies

614-3101	Office Supplies	\$ -	\$ -	\$ -	-
Subtotal, Supplies		\$ -	\$ -	\$ -	-

FY 2017 Monthly BVA

December 2016 Report Date: January 12, 2017		Budget	Actual Current	Actual Year to Date	Year to Date % of Budget
Services					
614-4139	Professional Services	\$ -	\$ -	\$ -	-
614-4202	Postage	\$ -	\$ -	\$ -	-
	<i>Subtotal, Services</i>	\$ -	\$ -	\$ -	-
	<i>Subtotal, Woodstove Grant Expenses</i>	\$ 5,418	\$ -	\$ 859	-
614-33403108 PM2.5					
Salaries					
614-1001	Salaries	\$ 15,367	\$ 830	\$ 5,909	38.5%
614-2002	Benefits	\$ 5,683	\$ 292	\$ 1,728	30.4%
614-1003	Overtime	\$ -	\$ -	\$ -	-
	<i>Subtotal, Salaries</i>	\$ 21,050	\$ 1,121	\$ 7,986	37.9%
Supplies					
614-3101	Office Supplies	\$ -	\$ -	\$ -	#DIV/0!
	<i>Subtotal, Supplies</i>	\$ -	\$ -	\$ -	#DIV/0!
Services					
614-4101	Professional Services	\$ -	\$ -	\$ -	#DIV/0!
	<i>Subtotal, Services</i>	\$ -	\$ -	\$ -	#DIV/0!
Capital Out-Lay & Fixed Assets					
614-6401	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	-
	<i>Subtotal, PM 2.5 Grant Expenses</i>	\$ 21,050	\$ 1,121	\$ 7,986	37.9%
614-33403107 Woodstove Change-out					
Salaries					
614-1001	Salaries	\$ 11,357	\$ 1,903	\$ 10,103	89.0%
614-2002	Benefits	\$ 4,201	\$ 669	\$ 2,941	70.0%
614-1003	Overtime	\$ -	\$ -	\$ -	-
	<i>Subtotal, Salaries</i>	\$ 15,558	\$ 2,571	\$ 13,653	87.8%
Supplies					
614-3101	Office Supplies	\$ -	\$ -	\$ 43	-
	<i>Subtotal, Supplies</i>	\$ -	\$ -	\$ 43	-
Services					
614-4101	Professional Services	\$ 123,607	\$ 2,790	\$ 42,851	34.7%
	<i>Subtotal, Services</i>	\$ 123,607	\$ 2,790	\$ 42,851	34.7%
Capital Out-Lay & Fixed Assets					
614-6401	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	-
	<i>Subtotal, Woodstove Change-out Grant Expenses</i>	\$ 139,165	\$ 5,361	\$ 56,547	40.6%
	<i>Total, Grant Operations Expenses</i>	\$ 165,633	\$ 6,483	\$ 65,392	39.5%
EXPENSES 141 Enterprise Operations					
Salaries					
141-1001	Salaries	\$ 12,776	\$ -	\$ 5,723	44.8%
141-2002	Benefits	\$ 4,722	\$ -	\$ 1,932	40.9%
141-1003	Overtime	\$ -	\$ -	\$ -	-
	<i>Subtotal, Salaries</i>	\$ 17,498	\$ -	\$ 7,734	44.2%

FY 2017 Monthly BVA

December 2016 Report Date: January 12, 2017		Budget	Actual Current	Actual Year to Date	Year to Date % of Budget
Supplies					
141-3101	Office Supplies	\$ 400	\$ -	\$ 4	1.1%
141-3201	Vehicles, Gas	\$ 1,700	\$ -	\$ 392	23.0%
141-3501	Small Tools/Equipment	\$ 200	\$ -	\$ -	0.0%
<i>Subtotal , Supplies</i>		\$ 2,300	\$ -	\$ 396	17.2%
Services					
141-4101	Professional Services	\$ -	\$ -	\$ -	#DIV/0!
141-4202	Postage	\$ -	\$ -	\$ -	-
141-4301	Travel & Transportation	\$ 5,000	\$ -	\$ 3,396	-
141-4501	Rents & Leases, Space	\$ 5,218	\$ -	\$ 1,312	25.1%
141-4801	Maintenance, Motor Vehicles	\$ 2,100	\$ -	\$ 155	7.4%
141-4801	Maintenance, Equipment	\$ 505	\$ -	\$ -	0.0%
141-4901	Miscellaneous Services	\$ -	\$ -	\$ -	-
<i>Subtotal, Services</i>		\$ 12,823	\$ -	\$ 4,863	37.9%
Capital Out-Lay & Fixed Assets					
141-4500	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	-
<i>Total Enterprise Operations Expenses</i>		\$ 32,621	\$ -	\$ 12,993	39.8%
Summary of Revenue vs Expenses:					
<i>Prior-Year Carry Over Funds</i>		\$ 125,000	\$ -	\$ 125,000	
<i>Total Revenue, Base, Grants & Enterprise</i>		\$ 1,188,441	\$ 22,664	\$ 614,787	51.7%
<i>Total Expenses, Base, Grants & Enterprise</i>		\$ 1,033,328	\$ 70,764	\$ 500,711	48.5%
<i>Fund Balance</i>		\$ 155,113	\$ (48,100)	\$ 114,075	
<i>Operating Reserves</i>		\$ 30,113			
<i>Estimated Available Fund Balance</i>		\$ 125,000			

YAKIMA REGIONAL CLEAN AIR AGENCY
SUPPLEMENTAL INCOME STATUS for 2016 on December 31, 2016
CY 2016 \$.40 PER CAPITA (Rounded Amounts)

City/Town	Past Due	Assessment Amount	Total Amt Due	Date Received	Amount Received	Balance Due	Responses
Grandview	\$ -	\$ 4,468	\$ 4,468	2/1/2016	\$ 4,468	\$ -	Paid in full
Granger	\$ -	\$ 1,398	\$ 1,398	2/1/2016; 4/19/2016; 10/14/16	\$ 1,049	\$ 350	3/4 paid
Harrah	\$ -	\$ 258	\$ 258	2/1/2016	\$ 258	\$ -	Paid in full
Mabton	\$ -	\$ 924	\$ 924	1/19/2016	\$ 924	\$ -	Paid in full
Moxee	\$ -	\$ 1,488	\$ 1,488	1/19/2016	\$ 1,488	\$ -	Paid in full
Naches	\$ -	\$ 326	\$ 326	1/14/2016	\$ 326	\$ -	Paid in full
Selah	\$ -	\$ 2,958	\$ 2,958	1/20/2016	\$ 2,958	\$ -	Paid in full
Sunnyside	\$ -	\$ 6,492	\$ 6,492	1/25/2016; 4/12/2016; 7/11/16; 10/11/16	\$ 6,492	\$ -	Paid in full
Tieton	\$ -	\$ 502	\$ 502	2/1/2016	\$ 502	\$ -	Paid in full
Toppenish	\$ -	\$ 3,582	\$ 3,582	2/1/2016	\$ 3,582	\$ -	Paid in full
Union Gap	\$ -	\$ 2,456	\$ 2,456	2/1/2016	\$ 2,456	\$ -	Paid in full
Wapato	\$ -	\$ 2,016	\$ 2,016	1/11/2016	\$ 2,016	\$ -	Paid in full
City of Yakima	\$ -	\$ 37,232	\$ 37,232	1/20/2016; 4/12/2016; 7/11/16; 10/17/16	\$ 37,232	\$ -	Paid in full
Zillah	\$ -	\$ 1,256	\$ 1,256	1/22/2016	\$ 1,256	\$ -	Paid in full
Yakima Co.	\$ -	\$ 34,164	\$ 34,164	1/1/2016; 4/1/2016; 7/1/16; 10/1/16	\$ 34,164	\$ -	Paid in full
Totals:	\$ -	\$ 99,520	\$ 99,520		\$ 99,171	\$ 350	



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(509) 834-2060
yakimacleanair.org

Yakima Regional Clean Air Agency (YRCAA) Ammonia Research Project Draft Work Plan

Project Description:

The YRCAA proposes the establishment of four ammonia (NH_3) gas sampling sites to assess short-term trends (one year) in ambient NH_3 concentrations. Two sites are to be established in the upper county, with one located at the Washington State Department of Ecology's (WADOE) air monitoring site located on top of the Yakima Mental Health facility while the other will be located at a field site located north of Highway 24, and no closer than 500m (1,640') from the Devries Family Farm LLC Dairy Facility. Two additional sites will be placed in the lower county, with one sampler located on top of Harrison Middle School in Sunnyside and the other being located at a field site located at 1320 Braden Road, Grandview, WA 98953.

Objective:

It is hoped that the resulting data will illustrate the degree to which ammonia contributes to the formation of aerosol nitrates, and subsequently to what extent aerosol nitrites contribute to the formation of $\text{PM}_{2.5}$ concentrations during days of elevated $\text{PM}_{2.5}$ values. It is also anticipated that the data will provide YRCAA staff with a better estimate of total nitrogen inputs to the Yakima County Air Shed and a more thorough understanding of the county's emission inventory.

Discussion:

NH_3 is a gas readily released into the air from a variety of biological sources, as well as from industrial and combustion processes. It is also the most prevalent base gas in the atmosphere. While it has many beneficial uses, NH_3 can detrimentally affect the air quality by contributing to the formation of aerosol nitrites, which are a major contributor to the formation of $\text{PM}_{2.5}$. Possible health effects of ammonia gas in the atmosphere include short-term irritation of the eyes and lungs, and the long-term effects on the cardiovascular system through inhalation of fine particulate matter formed from ammonia in the atmosphere.

The Yakima Air Wintertime Nitrate Study (YAWNS) was conducted in January 2013, with measurements made mostly in the upper Yakima valley. The objective of the study was to investigate the scientific reasons behind high aerosol nitrate content in $\text{PM}_{2.5}$ in the area. The YAWNS study found that ammonia emissions from agricultural operations combined with NO_x from vehicles under the right meteorological conditions to produce aerosol nitrate. One of the limitations of the study was that no representative measurements of nitrate were conducted in the lower Yakima valley, in spite of most ammonia sources being located in the lower Yakima valley. To address this limitation, Ecology collected several gravimetric samples using Federal Reference Method (FRM) $\text{PM}_{2.5}$ samplers in Sunnyside and Toppenish, between November 2015 and January 2016. The Teflon filters were analyzed for nitrate at Ecology's Manchester Environmental Laboratory. The analysis of the FRM samples indicated, on average, nitrate accounted for about a quarter of the $\text{PM}_{2.5}$ mass at Yakima and a third at Sunnyside. Elevated nitrate levels occurred in both valleys simultaneously, on days with high relative humidity, low temperatures and low winds. This suggests common sources of aerosol nitrate precursors in both valleys.

AGENDA/ITEM NO. 7

Work/Duties:

The YRCAA project team will consist of the following personnel and duties:

Keith Hurley (Compliance & Enforcement Division Supervisor) - Project Manager, overseeing all work conducted by YRCAA.

Kelsey Sanford (Compliance & Enforcement Division Air Monitoring Technician) - Primary Air Monitoring Technician, conducting all day-to-day operations including Quality Control (QC) checks, sampler maintenance checks and services, setup and collection of bi-weekly samples, and sample shipment to the National Atmospheric Deposition Program (NADP) at the Illinois State Water Survey (ISWS).

Dustin Harrington (Compliance & Enforcement Division Field Agent) - Secondary/Backup Air Monitor Technician, conducting all duties above during the absence of the Primary Technician.

Hasan Tahat (Engineering Division Supervisor) - Conducts agency review of all collected data, writes comprehensive data review/interpretation for presentation to the YRCAA Board of Directors upon completion of project.

Proposed Budget:

Funding in the amount of \$14,404.44 will be provided by the YRCAA. The following table provides an estimate of costs to conduct the project.

YRCAA Ammonia Gas Research Project Draft Work Plan Summary of Estimated Costs				
Expenditure	Cost / Unit	Cost	Hours	Cost
Initial Setup & Familiarization Training (Harrington)	Billing Rate / Hour	\$38.33	8	\$ 306.64
Initial Setup & Familiarization Training (Sanford)	Billing Rate / Hour	\$29.86	8	\$ 238.88
One year Operational Support & Maintenance (Sanford)	Billing Rate / Hour	\$29.86	52	\$1,552.72
Contracted Costs: Four AMoN Sites 27 Samples per site Chemical Analysis Set Up Costs Coordination	N/A	N/A	N/A	\$11,208.00
Data review & Report (Tahat)	Billing Rate / Hour	\$59.82	10	\$598.20
Vehicle Fuel & Maintenance	Per year	\$500.00	Annual	\$500.00
Total Costs				\$14,404.44

General:

NADP Data Policy- The ISWS is responsible for managing the information presented on the NADP database and on the NADP Website, <http://nadp.isws.illinois.edu>. Information presented on the NADP Website is in the public domain, except for those images and graphics created by third parties and used by permission. NADP data and Information Use Conditions are posted online at <http://nadp.isws.illinois.edu/NADP/useConditions.aspx>.

RESOLUTION NO: 2017-01
BEFORE THE GOVERNING BOARD OF THE
YAKIMA REGIONAL CLEAN AIR AGENCY (YRCAA)

Adopt Yakima Regional Clean Air Agency (YRCAA) Ammonia Research Project

WHEREAS, the Board believes it to be in the interest of the public to establish four ammonia (NH₃) gas sampling sites to assess short-term trends (one year) in ambient NH₃ concentrations.

BE IT THEREFORE RESOLVED, by the Governing Board of Directors of the YRCAA that on this 12th day of January, 2017

On motion of _____, seconded by _____, the foregoing resolution is hereby PASSED AND ADOPTED by the Yakima Regional Clean Air Agency Board of Directors.

Jon DeVaney, Chair

Rand Elliott, Director

Steven Jones, Director

Bill Lover, Director

Norm Childress, Director

Quatandra Jarvis, Clerk of the Board



Executive Memorandum

Date of Release: January 5, 2017
Date of Consideration: January 12, 2017
To: YRCAA Board of Directors
From: Office of the Compliance & Enforcement Division Supervisor
Subject: Uncollectable Debts *K. Hurley*

Issue: Dismissing Uncollectable Debts owed to the YRCAA
Recommendation(s): Approve Resolution No. 2017-02 for the dismissal of the attached uncollectable debts.
Discussion: Under the provisions of YRCAA Administrative Code Part B, subsection 10.14.5, the attached list of debts have become uncollectable and as such should be removed from the list of Accounts Receivable. YRCAA last brought such action before the Board of Directors in October of 2016.

Uncollectable Debts are the result of debtors failing to pay legitimately assessed fees, fines or penalties. YRCAA Administrative Code Part B, subsection 10.15.5 authorizes the agency to dismiss such debts as uncollectable if one or more of the following reasons exist:

- 1) The whereabouts of the debtor are not known
- 2) The debtor owns no real or personal property subject to lien
- 3) The debtor has demonstrated an inability to pay
- 4) The debtor has filed Bankruptcy and the YRCAA has not been assigned as a creditor due payment

The most recent quarterly reconciliation of accounts receivable revealed two uncollectable debts totaling \$2,770.00. Attached is a list of debts which have been reviewed for compliance with the above criteria. Staff requests the Board designate the listed debts as uncollectable, and to direct staff to dismiss the debts as such by Resolution No. 2017-02.

Attachments:
Uncollectable Debts Listing

AGENDA ITEM NO. 8



Yakima Regional Clean Air Agency
329 North First Street, Yakima WA 98901
(509) 834-2050 yakimacleanair.org

Uncollectable Debts Listing

Name	Type of Debt	Listed Date	Amount	Reason
Santos Auto Body	Penalty	12/08/2010	\$2,370.00	Past Statute Limits
McKean, Mary	Penalty	04/27/2011	\$ 400.00	Past Statute Limits
TOTAL			\$2,770.00	

RESOLUTION NO: 2017-02
BEFORE THE GOVERNING BOARD OF THE
YAKIMA REGIONAL CLEAN AIR AGENCY (YRCAA)

Dismissing Uncollectable Debts

WHEREAS, the Board of Directors of the YRCAA, as a municipal corporation under RCW 70.94.081, have the right to perpetual succession, may sue and be sued, and may receive, account for and disburse funds; and

WHEREAS, pursuant to RCW 70.94.431, the YRCAA has the authority to assess civil penalties for violations of standards and procedures enforceable by law; and

WHEREAS, there exists two assessed penalties which qualify as uncollectable as per the YRCAA Administrative Code, Part B, Subsection 10.14.5; and

WHEREAS, these uncollectable debts are being brought before the Governing Board of Directors for consideration of dismissal as debts owed to the YRCAA.

BE IT THEREFORE RESOLVED that the YRCAA Board of Directors dismisses the attached debts owed to the YRCAA in the amount of \$2,770.00 as uncollectable, and directs staff to remove the debt from the YRCAA's list of accounts receivable.

On motion of _____, seconded by _____, the foregoing resolution is hereby PASSED AND ADOPTED by the Yakima Regional Clean Air Agency Board of Directors on this 12th day of January, 2017.

Jon DeVaney, Chair

Rand Elliott, Director

Steven Jones, Director

Bill Lover, Director

Norm Childress, Director

Quatandra Jarvis, Clerk of the Board



Executive Memorandum

Date of Release: January 5, 2017
Date of Consideration: January 12, 2017
To: Board of Directors
From: Office of the Engineering and Planning Division
Subject: December Engineering and Planning Division Report

Issue:
Monthly activities report to the Board of Directors of YRCAA.

Recommendation(s):
Accept and File.

Discussion:
The following summarizes some of the activities for the month of December including some additional related information:

- Attached are the Proposed Refinements to the Clean Air Act Section 105 Grant allocation Methodology for FY 2017 and Beyond. US EPA plans to phase the new formula to the grant in over five or ten years and to limit regional losses to no more than 2.5% percent from the prior year's amount.
- The comments period on the proposed methodology to the grant ended on December 23, 2016. Attached is the letter of comments sent to USEPA from Washington State regarding the proposed refinements to Section 105 allocation new methodology. Department of Ecology originated the letter after consultation and with the comments from all Local Clean Air Agencies (LCAA).
- Registration forms, cover letter, instruction and invoices were sent out on December 30, 2016 to all registered sources.
- Attend the two days Northwest Air Directors Meeting.
- Issued three New Source Reviews (NSR) Orders of Approvals.
- Had conference calls with Ecology, US EPA and all Local Clean Air Agencies (LCAA) regarding rules making changes and Grant 105, respectively.
- Worked on Title V Air Operating Permit (AOP) renewal.
- Reviewed/responded to 18 SEPA projects.
- Had several technical assistance meetings with industry including one site visit.
- Worked on the daily weather forecasts for the burn status and agricultural allocation.
- Two burn bans called during the month of December, lasting for a total of 16 days.
- We expect two exceedances for the month of December for Yakima Area (see attached graph)

Attachments:

- ✓ *PM_{2.5} Monitor Data for the month of December, 2016 and the annual graphs.*
- ✓ *Proposed refinements to Clean Air Act §105 Grant Allocation Methodology for FY 2017 and beyond.*
- ✓ *Washington State Comments letter regarding the proposed refinement of grant 105 allocation methodology.*

AGENDA ITEM NO. 9

Proposed Refinements to Clean Air Act §105 Grant Allocation Methodology for FY 2017 and Beyond
November 21, 2016

Background

Section 105 of the Clean Air Act provides authority for EPA to administer grants to support continuing state and local air programs taking into account population, pollution, and financial need. From the early 1990s through FY 2015, EPA used the same methodology for allocating Clean Air Act §105 resources among its ten regions for distribution by the regions to state and local air agencies. Between 2006 and 2010 EPA led a multi-year effort to update this allocation methodology, which was planned for use in the FY 2011 grant cycle, however Congress directed EPA's continued use of the historical allocation through FY 2015.

EPA's FY 2016 appropriation provided the opportunity to move forward with implementation of a revised allocation, and EPA employed the methodology originally planned for FY 2011 using updated data sets. The results revealed some sensitivities in the FY 2011 methodology that prompted EPA to provide supplemental funds to ensure no region would experience an overall decrease in FY 2016 from their FY 2015 funding levels while also committing to further refine the methodology.

Refinement Process for FY 2017 and Beyond

Beginning in spring of 2016, EPA formed an internal allocation team that included representatives from all ten Regions, as well as key OAR program offices. The team established goals to produce a refined allocation methodology that would be:

- As simple and as straightforward as practicable;
- Sustainable over time; and,
- Transparent.

Regional Listening Sessions

In June, 2016, EPA held 10 regional listening session to gather perspectives and direct input from state and local air pollution control agencies. These listening sessions provided EPA a better understanding of both the common and unique factors that contribute to the costs of running an air program, as well as the activities that drive workload. Participants from state air agencies, local §105 grantees, and regional air pollution control organizations shared information and ideas for EPA to consider which grouped into the following themes:

- The need for overall increased resources for air agencies to help support a large workload.
- The desire for a relatively stable base level of funding that is reasonably predictable from year to year.
- Monitoring is the biggest resource driver for air agencies, followed by NAAQS implementation/ SIP planning work, especially when related to nonattainment and maintenance areas.
- Minor sources require significant air agency time and effort, along with responding to complaints and public inquiries.
- While population is believed to influence workload, there was not a consistent view on how population should be factored into the allocation methodology.
- Each region/state has unique issues that drive a level of work – ranging from wood smoke, to exceptional events, to oil drilling, to having an active volcano.

Proposed Refinements to Clean Air Act §105 Grant Allocation Methodology for FY 2017 and Beyond
November 21, 2016

Proposed Allocation for FY 2017 and Beyond

The proposed allocation methodology for FY 2017 and beyond would be comprised of two sets of factors. EPA is proposing that:

- Ninety percent of the allocation methodology would be based on a set of primary factors that reflect the routine, ongoing work of air agencies. These factors and their respective weightings would remain constant, while the data behind these factors would be updated at predictable, periodic intervals.
- Ten percent of the proposed allocation methodology would be based on short-term factors intended to capture new and emerging activities. EPA is proposing to review and change these short-term factors, and potentially their weightings, as specific activities are completed and new activities emerge.

Below is a summary of the proposed factors, weightings, and update frequency for both the proposed primary and short-term factors:

Proposed Primary Factors	Proposed Weighting	Update Frequency
Monitoring	42.5%	~Every 4 Years
Nonattainment & Maintenance Areas (All NAAQS)	22.5%	Annually
Population	12.5%	~Every 4 Years
Emissions	2.5%	~Every 4 Years
Regional Haze	2.5%	~Every 4 Years
Number of States	5.0%	N/A
State Land Area	2.5%	N/A
Sub-total	90%	

Short-Term Factors			
Category	Proposed FY17 Short-Term Factors	Proposed Weighting	Update Frequency
Designations	State Recommendations for 2015 Ozone Designations	2.0%	NPM Guidance Cycle (Every Two Years) *
	SO2 Sources On DRR List	5.5%	
Additional Support for Attainment Planning	SO2 Round 2 NAAs	0.5%	
Infrastructure SIPs	2015 Ozone ISIPs	0.5%	
Transport	State Transport Activities	1.5%	
Sub-total		10%	

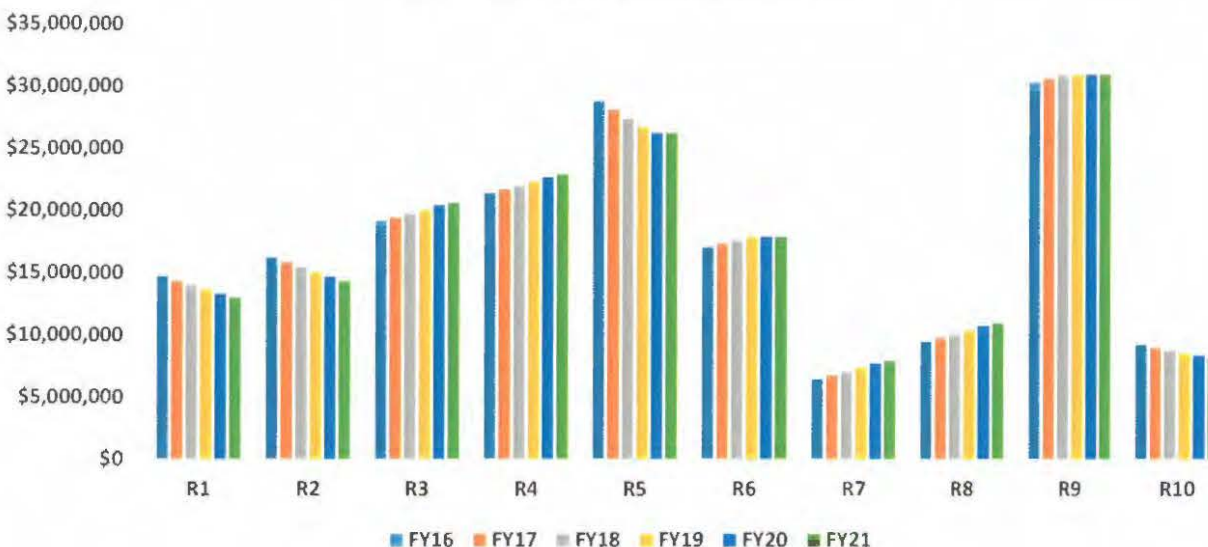
*The individual factors within each category will be identified every NPM Guidance cycle, which will include an opportunity for public comment. Changes to short-term factors may occur off-cycle in the case of a major policy change or rulemaking and would be communicated via an NPM Guidance Addendum.

Proposed Implementation

EPA is proposing to apply this data-driven allocation methodology to the FY 2017 appropriated amount for Section 105 grants. To maintain the integrity of state and local air programs and to facilitate a smooth transition, EPA is proposing an implementation approach that would limit regional losses to no more than 2.5% from each region's prior year amount. The graph and table below show the results of EPA's proposed approach over the next few years, assuming that data, factors, and total funding remain constant.

Proposed Refinements to Clean Air Act §105 Grant Allocation Methodology for FY 2017 and Beyond
November 21, 2016

**Proposed Allocation Implementation:
2.5% Annual Loss Limit
(assumes FY 2016 Funding Level \$173M)**



Next Steps

EPA will consider stakeholder comments on the proposed approach and present any potential further adjustments to the proposal in the draft OAR FY 2018 – 2019 NPM Guidance, which will be shared for public comment in spring 2017. Implementation will begin in FY 2017 once EPA has received its appropriation and finalized the NPM Guidance, along with a response to comments, and continue in subsequent years. EPA will communicate any appropriate data updates and their impacts on regional allocations via the OAR NPM Guidance in the fiscal year prior to implementation.

Instructions on how to provide comments, and additional supporting materials are available at:
<https://www.epa.gov/grants/air-grants-and-funding>.

To whom it may concern:

The Washington Department of Ecology Air Quality Program appreciates the opportunity to review and provide comments on the proposed refinements to the Section 105 air grant allocation. Our comments are constrained because we were not able to see the basis for the factors driving the formula and how they were calculated. We require additional information in order to offer a complete assessment and help EPA correct any potential inaccuracies in underlying data or application of it in the allocation formula. The following comments outline our concerns on the allocation formula and its implementation and include a formal request for additional information.

General Comments:

- The stated EPA goal is to develop an allocation model that accurately reflects the amount and location of work: our review concludes that the proposed approach does not achieve this goal. The proposed factors and associated weights, as described in the document, do not adequately or fairly represent the activities, costs and variations across EPA regions and states. We recommend that EPA continue to further develop and refine the allocation model. Measurable factors that more directly relate to and better reflect level of work, some of which are articulated below, should be incorporated before this model is used to make allocation decisions. We recommend that EPA conduct sensitivity analyses on key factors in the allocation model such as how tightening of a NAAQS like ozone may affect the distribution of funds across regions. Sensitivity analyses could help confirm assumptions or point out discrepancies or unintended consequences with the application of certain model factors and their effect on regional dollar distributions.
- The proposed refinements to the model result in a general reduction to a number of EPA regions, including Region 10. The large increase in federally required work placed on states in recent years, coupled with flat federal air grant funding, increases the financial pressures on all states. Given these realities, the new allocation formula, consistent with US Senate FFY 2017 budget language should hold any region from reductions in the near term while moving additional money to those regions where increases are directed by the final allocation formula. If any application of the new formula would decrease allocations to a region, we recommend decreases be phased in gradually, over a multi-year period, to minimize financial shocks and allow states/regions to assimilate to the new grant realities. We would further recommend that however the formula redirects funds, that total reductions to any region should be capped at no more than 10% and, if a region does see the maximum 10% reduction, that it be phased-in over at least 5 years.
- The document and communications from EPA do not address decreases in funding to some EPA Regions and States and the resulting inability to meet all of their federal commitments with diminished resources. The document should include an acknowledgement and approach to identifying the activities that will not be conducted within EPA Regions by states with decreasing grant funds.
- The proposed reallocation formula would fund the State of California beyond its federal 105 funding limit. EPA's proposed solution is to distribute the overage among the other states in that region. We recommend that this excess funding instead be used to proportionately reduce the fiscal impact to regions/states that would lose funding as a result of the proposed reallocation.

The same approach could be used if some states are unable to provide the level of match necessary to accept increased federal dollars.

- The proposed allocation document does not provide the basis for how numeric values and factors for each state were initially calculated. This leaves Washington (and other states) unable to assess or confirm their appropriateness given the design of the allocation model and the specific work occurring in Washington under its federal air performance partnership grant agreement.

We request that the EPA provide the basis of the factors, data and data sources used for each state, and how the factors were derived for each state so that we can fully understand how the regional allocations are calculated and can then conduct an adequate review before the December 23rd deadline for comments. If that is not possible given the short time frame, we would request an extension of the comment period of at least two weeks after the data is provided.

Specific Comments on the Proposed Factors for Clean Air Act S105 Grant Allocation Methodology:

1. Page 3 Number of Nonattainment Areas for all NAAQS

The proposed primary factor titled “Nonattainment and Maintenance Areas (All NAAQS)” is intended to reflect the work resulting from the number and severity of nonattainment and maintenance areas in each EPA Region. This factor fails to acknowledge the substantial efforts required to prevent new areas from reaching nonattainment levels or to maintain adequate air quality in attainment areas.

Given that this factor is weighted at 22.5% of the total, it has a substantial effect on the total score, seemingly rewarding some EPA regions and states for inability to attain the NAAQS.

It further appears that an area in nonattainment for multiple NAAQS for the same pollutant (Ex: both the 1997 and 2008 ozone standards) gets double ‘credit’ in the weighting. Meanwhile areas that made state and local control strategy and resource investments to quickly achieve attainment are given short shrift.

Regions whose nonattainment/maintenance challenges are predominated by area sources as opposed to stationary or mobile sources are significantly disadvantaged. One example is the substantial efforts required to maintain attainment in a PM_{2.5} wood smoke area after previously being in nonattainment. This factor, and its weighting, is intended to reflect the relative work involved in implementing the ongoing control measures that states put into place for nonattainment areas and maintenance areas. State implementation plans that rely only on federal control measures, like motor vehicle emission controls, and/or a relatively small number of major source controls are much easier to implement than tracking hundreds or even tens of thousands of small dispersed area source contributors. The methodology should be modified to incorporate and reflect this substantial differential in the amount of work required to maintain a previously nonattainment area. For example in a wood smoke dominated area it should account for the resource intensive day to day efforts to conduct meteorological and pollution forecasting and calling and enforcing residential burn bans.

EPA can measure and account for this. One solution is to increase the weight of the maintenance factor from ½ to 1 for areas whose attainment plan and woodstove smoke programs incorporate substantial ongoing work to minimize PM_{2.5} from wood stoves and look at US census data for home wood heat use.

As noted above, a sensitivity analyses of potential changes in NAAQS would help assess how much this factor could affect shifts across regions as new nonattainment areas occur and historical ones get cleaned up.

2. Page 5 State Land Area

The State Land Area weighting factor is 2.5%. At this scale the factor will have minimal effect on the total score for each EPA region given that other weighting factors are ten and twenty times higher. Since many Eastern U.S. states generally have much less land area, assigning 2.5% to this factor artificially places a higher weight on the other factors that already favor smaller states. States that have a substantial land area have higher, rather than lower costs associated with NAAQS compliance. That is not just true in states like Alaska or Texas. For example, just one local agency in Washington covers, 8,000 square miles, an area larger than a number smaller eastern states. It takes more resources in larger states to operate monitoring sites, inspect facilities, ensure compliance with control strategies, and inform communities even when all other factors are equal.

In addition, EPA's proposed approach of binning states into small, medium and large results in the absurd outcome that Region 6, which has a smaller land area than Region 10 is assigned a higher percentage of this factor.

The methodology and this weighting factor should be corrected/modified to reflect the increased work associated with the large land areas of many states. The actual total land areas for each region should be used rather than the bin system. Additionally we recommend that, the weighting of this factor should be increased to 10% along with using the actual percentages of the U.S. land area for each region.

3. Page 4 Population

The document explains that while state representatives did not agree on the level of impact that population has on workload, EPA is proposing a factor of 12.5%. This is a factor that has the potential to skew total scores upward for more populous states regardless of their pollution levels, monitoring needs, attainment status or other relevant facts.

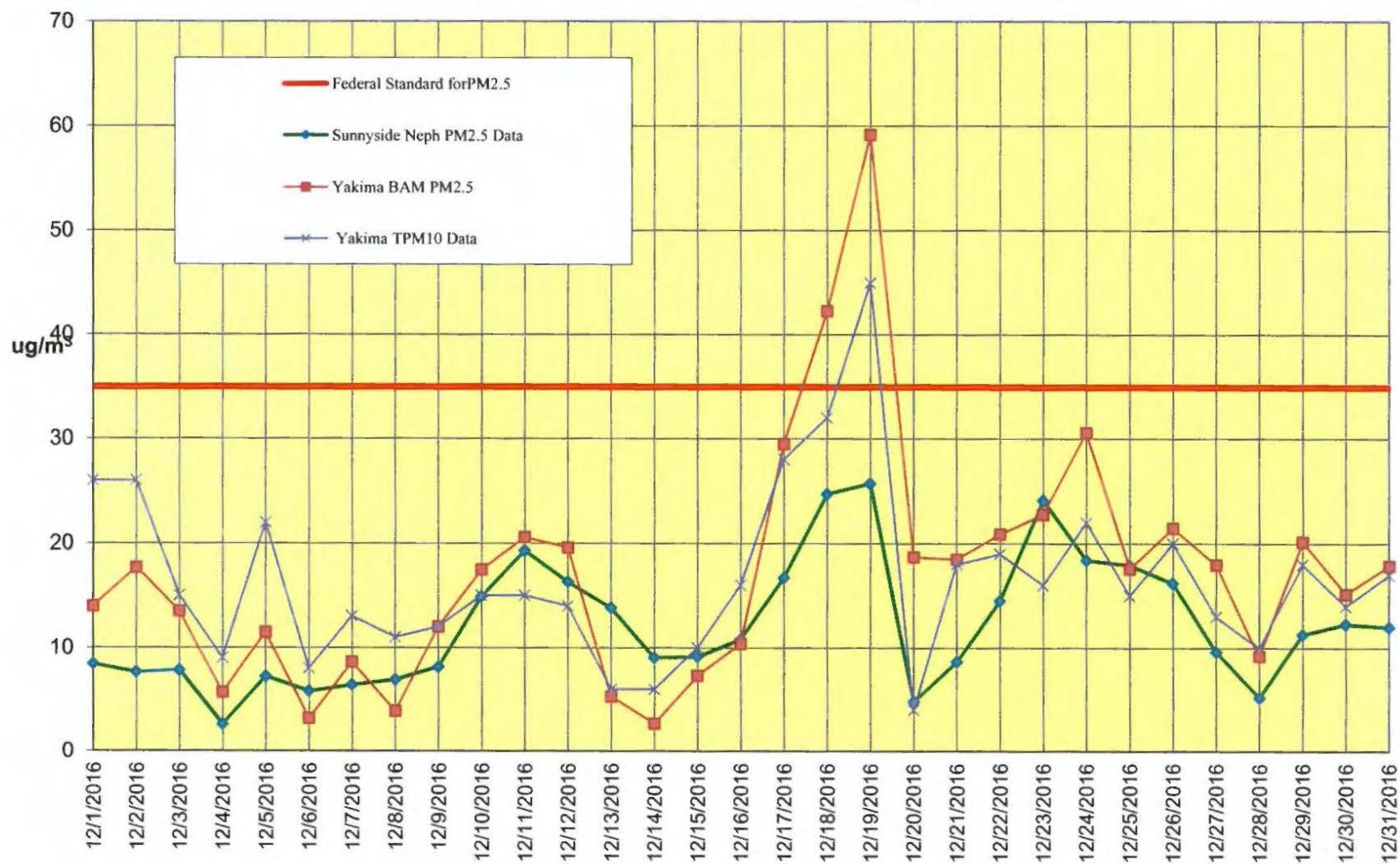
In order to avoid artificially skewing the relative weights to populous states we believe this factor should be decreased to 10%, or at least kept as is. We strongly urge the EPA to investigate and identify the factors of a state's population that may substantively affect the amount of federally required clean air work rather than default to total population. This would better reflect the pollution drivers, characteristics or affects in different areas of U.S. or of higher priority activities in each State.

4. Number of states in a Region.

EPA continues to include the number of states in a Region as an allocation factor. This might make sense if the funds at issue were EPA's to use. But they are grant funds to the states and local agencies. Even if there is some very small incremental cost associated with administering the funds for six versus four states giving this 5% of the overall weighting is much too high. That is particularly true when the land area factor, which is an actual cost driver for the grantees is only given 2.5%. EPA should provide the basis and reasoning for this factor or reduce or eliminate it.

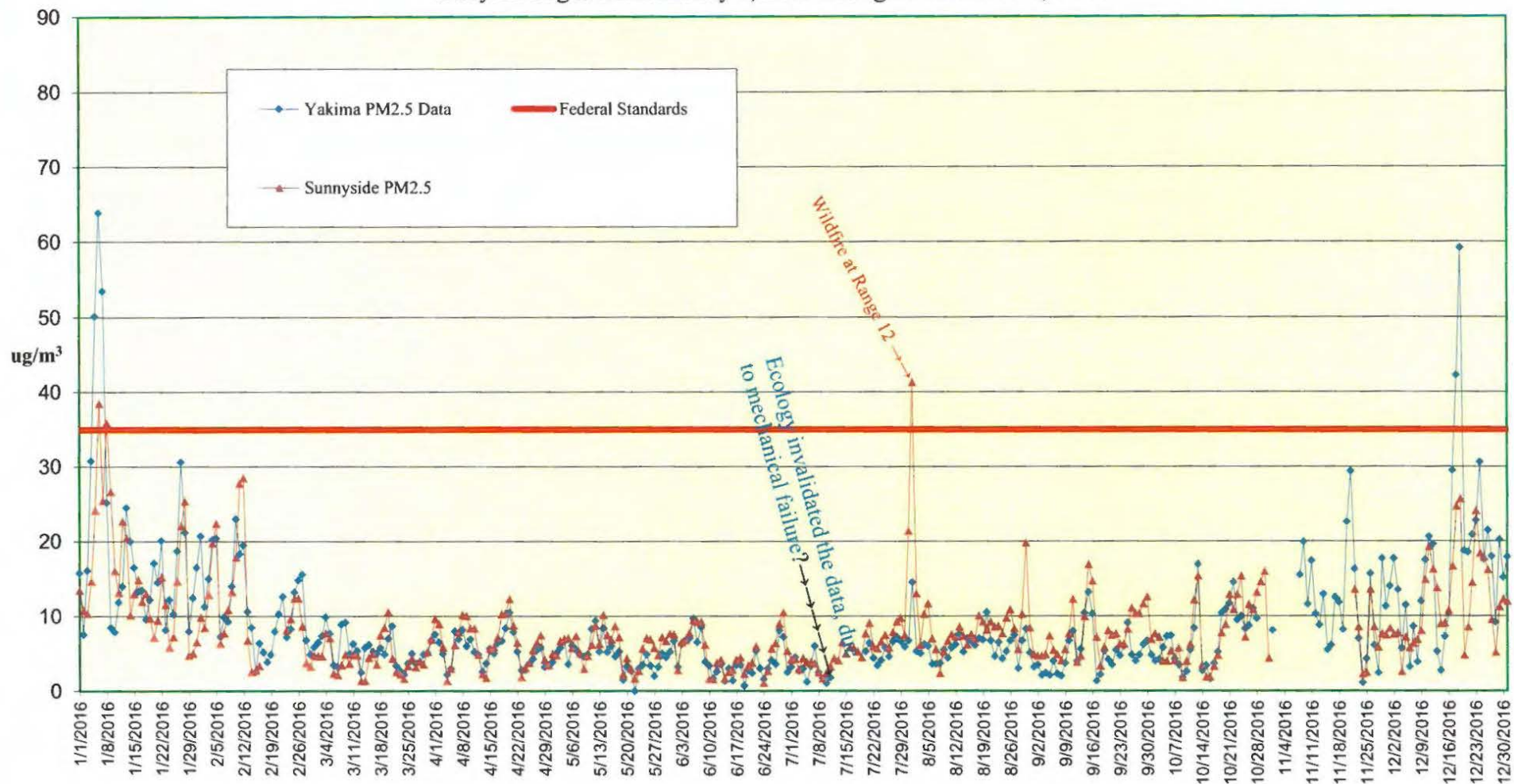
In summary, we believe EPA's proposal fails to accurately reflect the actual work required in different regions. EPA should modify its proposal to more accurately account for the nature of work in the West and our Region, especially to recognize the workload associated with area sources and increased costs to deliver clean air services across to large geographic areas.

PM_{2.5} BAM_{2.5} Data and TPM₁₀ for Yakima; Neph PM_{2.5} Data for Sunnyside
 Daily Averages Value from December 1, 2016 through December 31, 2016



PM_{2.5} FEM/BAM_{2.5}(starting September 15, 2015) Annual Air Monitoring Data, Cities of Yakima and Sunnyside

Daily Averages from January 1, 2016 through December 31, 2016





Executive Memorandum

Date of Release: January 5, 2017

Date of Consideration: January 12, 2017

To: YRCAA Board of Directors

From: Office of the Compliance & Enforcement Division Supervisor

Subject: December 2016 Compliance & Enforcement Division Report *K. Hurley*

Issue: N/A

Recommendation(s): Accept and File

Discussion: During the month of December the Division setup, collected and shipped for analysis approximately 15 Air Monitoring Samples and completed 6 Quality Control checks on 6 Air Monitors. The division investigated 17 Complaints, issued 6 Notices of Violation (NOV), 4 Notices of Penalty (NOP), and issued 2 Assurance of Discontinuance (AOD). The Division also reviewed and processed 7 Notifications of Demolition / Renovation (NODR), 1 Dust Control Plan, and completed 7 Air Pollution Source Site Visits.

The following table itemizes, by type, the complaints received and the number of NOV's issued for the month of December 2016:

<u>Type of Complaint</u>	<u># of Complaints</u>	<u># of NOVs</u>	<u># of AODs</u>
Residential Burning	6	2	0
Agricultural Burning	0	0	0
Other Burning	10 (9-SFBD*, 1-CB**)	4 (3-SFBD, 1-CB)	2-SFBD
Fugitive Dust	0	0	0
Agricultural Dust	0	0	0
Agricultural Odor	0	0	0
Surface Coating	1	0	0
Odor	0	0	0
Asbestos	0	0	0
Other	0	0	0
<u>TOTALS</u>	<u>17</u>	<u>6</u>	<u>2</u>

* SFBD-Solid Fuel Burning Device

** CB- Construction Burn

AGENDA ITEM NO. 10



Executive Memorandum

Date of Release: January 4, 2017
Date of Consideration: January 12, 2016
To: Board of Directors
From: Office of the Executive Division
Subject: Executive Division Report for December, 2016

WOOD STOVE CHANGE-OUT PROGRAM

- The change out program completed 3 Low income change outs and 5 rebates for the month of December 2016. There are 7 low income and 7 rebates in the works.

EDUCATION AND OUTREACH PROGRAMS

- NONE

OTHER INFORMATION

- The Community Air Quality Forum will be held on January 10th at 2:00pm at the YRCAA office. Topics and suggestions for the forum should be submitted to Mark Edler no later than January 5th 2017. The forum will take place on a quarterly basis as long as there is interest.

AGENDA ITEM NO. 11