



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, October 13, 2016 at 1:30pm to discuss updates on selecting the new Executive Director. The Regular Meeting will follow at 2:00pm to discuss the following Agenda.

STUDY SESSION @ 1:30 p.m.

Update Selecting the next Executive Director

Jon DeVaney

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
Christa Owen
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 September 8, 2016 Board Meeting Summary; and
 - 4.2 By consent accept and file, YRCAA September, 2016 Monthly Activity Report;

Action Requested: Approve Consent Agenda Items 4.1 through 4.2.



REGULAR AGENDA

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

ACTION ITEMS

6. Dismiss Uncollectible Debts *Keith Hurley*
Action Requested: Approve Resolution 2016-09.
7. Accept Fiscal Reports. *Christa Owen*
 - Approve Fiscal Vouchers and Payroll Authorization Transfers;
 - BVA(s) – FYI;
 - Supplemental Income Status Report for CY 2015; and**Action Requested:** Approve Fiscal Vouchers, Payroll Authorization Transfers, Accept and File Fiscal Reports.

DIVISION REPORTS

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

OTHER BUSINESS

11. Other Business and Adjournment *Board Chair*

The Next Board of Directors Meeting is scheduled for Thursday, October 13, 2016 at the City of Yakima Council Chambers, 129 N Second Street, Yakima.



Executive Memorandum

Date of Release: October 6, 2016
Date of Consideration: October 13, 2016
To: YRCAA Board of Directors
From: Quatandra Jarvis, Clerk of the Board
Subject: Update: Selecting next Executive Director

ISSUE

Your Board authorized staff to enter into an agreement with Yakima County in selecting the next Executive Director at the September 8, 2016 Board Meeting.

RECOMMENDATION

Review

DISCUSSION

Email from Yakima County with an update of the schedule is enclosed.

Tandy Jarvis

From: Christa Owen
Sent: Thursday, October 6, 2016 12:02 PM
To: Tandy Jarvis
Subject: FW: Update on Schedule, etc.

From: Shari Hunt [<mailto:shari.hunt@co.yakima.wa.us>]
Sent: Thursday, September 29, 2016 9:22 AM
To: Christa Owen
Cc: Judy Kendall
Subject: Update on Schedule, etc.

Christa,

I wanted to give you an update on a couple of things. Last week, we sent the agreement for the Clean Air Authority Director recruitment to our Legal department and we are waiting for approval. Once that happens, it will be signed off by our Director and then go through the Agenda process with our Board of County Commissioners for approval / signature.

In the meantime, I will be going on vacation from Tuesday, 10/4 through Monday, 10/10. If you need something in my absence, please contact Judy Kendall, Human Resources Manager.

Let me know if you have any questions. Thank you.

Shari Hunt
Senior Program Representative
Yakima County Human Resources
128 N. 2nd St., Courthouse #B27
Yakima, WA 98901
(509) 574-2216
(509) 574-2211 (Fax)



Summary of the Governing Board of Directors Meeting

Location, Date and Time:

Yakima City Hall Council Chambers, September 8, 2016 Time: 1:30 p.m.

1. Jon DeVaney, Board Chair, called the Meeting to order at 1:30 p.m.
2. Quatandra Jarvis, Clerk of the Board, conducted roll call. There was a quorum

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

Study Session: Hiring Committee Recommendation

Board Chairman Jon DeVaney opened the Study Session with a discussion regarding the selection of a consultant to assist in selecting the next Executive Director. The sub-committee consisting of Mayor Norm Childress and Steven Jones, Ph.D., gave a summary of the proposals they received and their recommendations. Dr. Jones advised that the sub-committee recommends a twofold effort; conduct interviews with internal candidates and consultants consecutively in the event an internal candidate is not selected.

It was advised that it appeared the Yakima County would be doing a full blown search whereas the private consultant seemed more amendable to narrowing to the area the Board proscribes. Both Mayor Childress and Dr. Jones felt it would be a good idea to give internal candidates an opportunity to interview and if the Board could not find the person they wanted internally, they would do an external search.

Mr. DeVaney had some concerns this recommendation could possibly lead the Board through the search process twice.

Rand Elliott also believes they should start with internal candidates; however, feels this selection is the most important job the Board could have so need to select the most qualified applicant possible; whether internal or external.

As public entities are familiar with the constraints that public Agencies operate under, Mr. DeVaney recommends the Board hire Yakima County to help with the recruitment of the next Executive Director.

Ended 1:50pm.

3. **Additions and Deletions to Agenda** –There were none. It was noted the Directors Report was amended.

Public Comment

Sandy Braden-Friends of Toppenish Creek- Ms. Braden passed out an article she found about a man and his cows dying from fumes from a manure holding tank.

She asked if the Agency had received a response from the Attorney General's Office regarding her belief of a conflict of interest with Dr. Jones position on the Board. The Agency has not yet

AGENDA ITEM NO. 4.1

heard back from the Attorney General's Office; however the Agency's Attorney drafted an interim opinion on the issue.

Jim Dyjak-Mr. Dyjak suggested the Agency take examples from other agencies around WA State when putting together the Position Description Questionnaire (PDQ).

Larry Fendell-Mr. Fendell also passed out an article regarding the man and cows that died. Mr. Fendell would like the spreading of manure during Burn Bans issue to be brought up again and discussed.

He also agrees with Ms. Braden that there is a conflict of interest with Dr. Jones on the Board.

Mr. DeVaney asked staff to look into the situation in Wisconsin.

Kathleen Rogers- Ms. Rogers comments that there are still issues regarding ammonia in her neighborhood.

Jean Mendoza- Ms. Mendoza asked the Board if they had received the letter she sent detailing her concerns regarding the selection process for the next Executive Director. Mr. DeVaney advised that he had not received it. Ms. Mendoza believes there is a statute that states that the majority of a sub-committee needs to represent the public. Mr. DeVaney was not aware of such statute; however he will look into it. Regardless, the sub-committee did not take action on behalf of the Board, so there would not be a violation of such statute.

Ms. Mendoza agrees with Mr. Elliott that this is the most important decision the Board will make.

Regular Meeting:

4. The Consent Agenda was approved in its entirety by motion made by Rand Elliott and seconded by Mayor Childress. Motion granted.

REGULAR AGENDA

5. Director's Report

Cost of Public Record Requests:

At the Request of the State Legislature, the State Auditor's Office conducted a survey and furnished a report of the findings of the effects of Public Records Requests on Washington State and Local Governments. The Auditor's Office found that state and local governments are spending more than \$60 million to fulfill more than 285,000 requests. The research showed that a combination of statewide policy changes, better information management and disclosure practices are needed to keep to pace with changing times.

Ecology Review of the YRCAA Air Program:

The Department of Ecology has completed their review of the request to conduct a review and hearing pursuant to RCW 70.94.405. For the following reasons, Ecology does not feel it would be appropriate to initiate a formal review of YRCAA at this time: A. YRCAA has taken action to address emissions from Yakima Valley dairies; B. Air monitoring efforts and scientific studies are underway; and C. YRCAA has taken steps to address questions concerning possible conflict of interest with the YRCAA Board of Directors.

Potential for Conflict of Interest:

The Board of Directors asked the Agency to request an opinion from the Attorney General's Office regarding Ms. Braden's opinion of Dr. Jones' position as a Board Member posed a conflict of interest per WAC 173-400-220. YRCAA submitted a request through the Office of Representative

Norm Johnson, as YRCAA does not have direct access to the Attorney General's Office, on June 13th. While the Board and Agency are waiting, the Board asked the Agency to get an interim opinion from the Agency's attorney, Gary Cuillier. It was Mr. Cuillier's opinion that there was no conflict of interest. However, the Attorney General's opinion will be the final word.

Mr. Pruitt's Retirement:

Mr. Pruitt expressed his honor of serving the Yakima Valley.

ACTION ITEMS

6. Approve Selected Consultant

During the Study Session it was discussed retaining the Yakima County Human Resource Department for beginning the process of refining a position description and advertising internally and externally for the position. This would require an agreement with the county. The Board gave staff authorization to enter into such an agreement within the parameters discussed.

Motion to approve Resolution 2016-08 made by Mayor Childress and seconded by Steven Jones, Ph.D. Resolution approved.

Accept Fiscal Reports

Christa Owen reported that Payroll for August was \$62,838.03 and AP was \$34,035.22. Out of AP, Wood Stove Change-Out expenses were \$12,499.90.

Motion to approve by Steve Jones, Ph.D. and seconded by Mayor Childress. Motion Passed.

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

7. Engineering and Planning Division Report

Hasan Tahat, Ph.D. reported that the division continues its work on a Title V permit, had a meeting with EPA and a conference call with the Department of Ecology regarding exceptional events and Maintenance Plans. There was one exceedance at the Sunnyside monitor due to wildfires.

Dr. Tahat added that with the Agency being the only Air Agency in the State with a Dairy Program, it is doing more than the state and federal law requires.

8. Compliance and Enforcement Division Report

Keith Hurley shared that the PM2.5 FRM monitor was removed from Harrison Middle School on August 31, 2016. Department of Ecology no longer saw a need for it. However, the neph will stay.

House Resolution 2928 was passed and deals with a silviculture proscribed burning pilot project for DNR to last two years. The point is to determine the impact of this type of burn on air quality. In addition, DNR has received money to open a smoke management plan to improve it. There are three burns, two of which will be done by the Naches Ranger District in the fall and one by the Department of Fish and Wildlife.

9. Executive Division Report

Mark Edler was doing Northwest Opacity Training during September.

Participation in wood stove program has recently increased.

Other Business and Adjournment

10. Other Business

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: October 6, 2016
Date of Consideration: October 13, 2017
To: Board of Directors
From: Office of the Executive Director
Subject: Monthly Activity Report

Activity	FY16	Jul. 16	Aug. 16	Sept.16	FY16 thru Sept.	FY17 thru Sept.
Minor Source Inspections	107	17	17	27	26	61
Complaints Received	201	8	21	24	36	53
NOVs Issued	85	0	6	2	11	8
Warning Notices Issued	7	0	0	0	0	0
NOPs Issued	60	7	0	3	18	10
SEPA Reviews	245	18	25	17	96	60
AOP Applications Received	1	0	0	0	0	0
AOPs Issued or Renewed	3	1	1	0	0	2
Deviations/Upsets Reported	12	1	1	1	3	3
AOP Inspections	8	1	0	0	5	1
Public Workshops	0	0	0	0	0	0
Media Events	0	0	0	0	0	0
Media Contacts	19	2	0	0	7	2
Education Outreach Events	8	1	0	0	1	1
Sources Registered	381	3	3	1	17	7
NSR Applications Received	10	1	1	3	3	5
NSR Approvals Issued-Temporary	1	0	0	0	0	0
NSR Approvals Issued-Permanent	13	0	3	2	4	5
NODRs Received	189	11	14	13	51	38
Agricultural Burn Permits Issued	206	2	1	10	7	13
Conditional Use Permits Issued	11	0	0	0	1	0
Residential Burn Permits Issued	240	158	4	33	131	195
Burn Ban Days	90	0	0	0	38	0
Public Records Requests Fulfilled	26	8	4	3	6	15

Acronyms:

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: October 6, 2016
Date of Consideration: October 13, 2016
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. 2016-09 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 July 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 \$3,001.00. 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. 2016-09.

Attachments:
Uncollectable Debts Listing

AGL

6



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

Name	Type of Debt	Listed Date	Amount	Reason
Prado, Napoleon	Penalty	4/17/2006	\$1,301.00	Past Statute Limits/Bankruptcy
Woody, Elberta	Penalty	5/25/2016	\$1,700.00	Inability to Pay
TOTAL			\$3,001.00	

RESOLUTION NO: 2016-09
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 \$3,001.00 as uncollectable, and directs staff to remove the debts 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 13th day of October, 2016.

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: October 6, 2016
Date of Consideration: October 13, 2016
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, September 2016 AP Fiscal Vouchers (26,332.48), and September Payroll Authorization (\$62,802.30). Out of A/P, \$12,654.81 was for Wood Stove Change-out, Expenses, and \$1,277.49 was for Enterprise expenses.

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

Enclosures

AGENDA ITEM NO. 7



September 26, 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	32889	4801	\$ 237.97	9/27/2016
Absolute Comfort Technology, LLC*	32890	4101	\$ 1,487.75	9/27/2016
Bradley A. Mellotte	32891	4501	\$ 3,480.00	9/27/2016
Carl Brookshire**	32892	4301	\$ 552.00	9/27/2016
Crystal Springs	32893	3101	\$ 16.65	9/27/2016
Mark Edler**	32894	4301	\$ 552.00	9/27/2016
Fosseen's Home & Hearth*	32895	4101	\$ 5,973.78	9/27/2016
KeyBank**	32896	Various	\$ 541.70	9/27/2016
Nth Degree Environmental Engineering	32897	4101	\$ 375.00	9/27/2016
Wayne Purchase*	32898	4101	\$ 400.00	9/27/2016
Ron's Office Equipment	32899	3101	\$ 234.46	9/27/2016
Splash Express	32900	4801	\$ 37.73	9/27/2016
Terry Walker*	32901	4101	\$ 250.00	9/27/2016
Yakima County Sheriff's Department	32902	4101	\$ 207.75	9/27/2016

Total:

\$ 14,346.79

***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: **\$ 14,346.79**

Jon DeVaney, Board Chairman

10/13/2016

Gary W. Pruitt, Executive Director

9/27/2016



September 12, 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>
Absolute Comfort Technology, LLC*	32876	4101	\$ 4,500.00	9/13/2016
BIAS Software	32877	3502	\$ 2,904.33	9/13/2016
Charter Communications	32878	4201	\$ 727.09	9/13/2016
Coleman Oil Company	32879	3201	\$ 155.66	9/13/2016
Cuillier Law Office	32880	4101	\$ 1,428.00	9/13/2016
Five K Technologies	32881	3502	\$ 25.00	9/13/2016
KUNW-TV	32882	4401	\$ 500.00	9/13/2016
Leaf	32883	4501	\$ 186.07	9/13/2016
Nth Degree Environmental Engineering	32884	4101	\$ 875.00	9/13/2016
Verizon Wireless	32885	4201	\$ 329.04	9/13/2016
YRCAA	32886	4901	\$ 256.67	9/13/2016
Yakima County Printing Department*	32887	3101	\$ 53.83	9/13/2016
Yakima County Sheriff's Department	32888	4101	\$ 45.00	9/13/2016

Total:

\$ 11,985.69

***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: **\$ 11,985.69**

Jon DeVaney, Board Chairman

10/13/2016



Gary W. Pruitt, Executive Director

9/13/2016

AUTHORIZATION FOR ELECTRONIC FUNDS TRANSFER

Direct Deposit Payroll & Payroll Taxes

Date: 9/28/2016

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: October 3, 2016

Transfer Amount(s): \$ 62,802.30

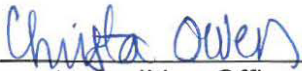
Total Amount of Electronic Transfer: \$ 62,802.30

Authorizing Signatures (No facsimile signatures accepted.):



Auditing Officer

Chairman Board of Directors



Alternate Auditing Officer

Date September 28, 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

September 2016 Report Date: October 13, 2016		Budget	Actual Current	Actual Year to Date	Year to Date % of Budget
REVENUE 614 YRCAA Base Operations					
REVENUE 614 YRCAA Base Operations					
Stationary Source Permit Fees					
614-32190001	Minor Sources	\$ 156,353	\$ 453	\$ 3,624	2.3%
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	\$ 2,652	\$ 13,915	46.4%
<i>Subtotal, Stationary Source Permit Fees</i>		<i>\$ 351,084</i>	<i>\$ 3,105</i>	<i>\$ 142,489</i>	<i>40.6%</i>
Burn Permit Fees					
614-32290005	Residential Burn Permits	\$ 62,450	\$ 1,680	\$ 22,896	36.7%
614-32290007	Agricultural Burn Permits	\$ 33,000	\$ 1,344	\$ 1,680	5.1%
614-32290011	Conditional Use Burn Permits	\$ 2,329	\$ -	\$ -	0.0%
<i>Subtotal, Burn Permit Fees</i>		<i>\$ 97,779</i>	<i>\$ 3,024</i>	<i>\$ 24,576</i>	<i>25.1%</i>
Compliance Fees					
614-32190005	Asbestos Removal Fees	\$ 35,956	\$ 2,108	\$ 5,956	16.6%
614-32190009	Construction Dust Control Fees	\$ 8,608	\$ 964	\$ 3,202	37.2%
<i>Subtotal, Compliance Fees</i>		<i>\$ 44,564</i>	<i>\$ 3,072</i>	<i>\$ 9,158</i>	<i>20.6%</i>
<i>Subtotal, All Permit Fee Revenue</i>		<i>\$ 493,427</i>	<i>\$ 9,201</i>	<i>\$ 176,223</i>	<i>35.7%</i>
Base Grants					
614-33366001	EPA, Core Grant	\$ 123,501	\$ -	\$ 30,520	24.7%
614-33403101	DOE, Core Grant	\$ 82,384	\$ -	\$ 20,688	25.1%
<i>Subtotal, Base Grants</i>		<i>\$ 205,885</i>	<i>\$ -</i>	<i>\$ 51,208</i>	<i>24.9%</i>
Fines & Penalties					
614-35990001	Civil Penalty	\$ 2,500	\$ 3,718	\$ 10,270	
614-35990001	Other Fines	\$ -	\$ -	\$ -	
<i>Subtotal, Fines & Penalties</i>		<i>\$ 2,500</i>	<i>\$ 3,718</i>	<i>\$ 10,270</i>	
Supplemental Income					
614-33831001	Supplemental Income	\$ 99,988	\$ -	\$ 19,472	19.5%
<i>Subtotal, Supplemental Income</i>		<i>\$ 99,988</i>	<i>\$ -</i>	<i>\$ 19,472</i>	<i>19.5%</i>
Other Income					
614-36111001	Interest	\$ 1,801	\$ 266	\$ 782	43.4%
614-36990014	Miscellaneous Income	\$ 1,200	\$ 13	\$ 13	1.1%
<i>Subtotal, Other Income</i>		<i>\$ 3,001</i>	<i>\$ 279</i>	<i>\$ 795</i>	<i>26.5%</i>
<i>Total YRCAA Base Operations Revenue</i>		<i>\$ 804,801</i>	<i>\$ 13,199</i>	<i>\$ 257,968</i>	<i>32.1%</i>
REVENUE 614 YRCAA Grant Operations					
614-33403105	Wood Stove Ed	\$ 5,418	\$ -	\$ 5,331	98.4%
614-33403108	PM 2.5	\$ 21,050	\$ -	\$ 5,263	25.0%
614-33403107	Woodstove Change-out	\$ 145,797	\$ 23	\$ 16,286	11.2%
<i>Total YRCAA Grant Operations Revenue</i>		<i>\$ 172,265</i>	<i>\$ 23</i>	<i>\$ 26,880</i>	<i>15.6%</i>
REVENUE Enterprise Operations					
614-34317001	VE Certification Fees	\$ 85,925	\$ 1,475	\$ 1,475	1.7%
614-34317002	Other Enterprise Revenue	\$ 450	\$ -	\$ 75	16.7%
<i>Subtotal, Enterprise Revenue</i>		<i>\$ 86,375</i>	<i>\$ 1,475</i>	<i>\$ 1,550</i>	<i>1.8%</i>
<i>Total Base, Grant and Enterprise Revenue</i>		<i>\$ 1,063,441</i>	<i>\$ 14,696</i>	<i>\$ 286,398</i>	<i>26.9%</i>

FY 2017 Monthly BVA

September 2016				
Report Date: October 13, 2016	Budget	Actual Current	Actual Year to Date	Year to Date % of Budget

EXPENSES

EXPENSES 614 YRCAA Base Operations

Salaries

614-1001	Salaries	\$ 507,693	\$ 38,729	\$ 125,266	24.7%
614-2002	Benefits	\$ 187,777	\$ 13,608	\$ 44,012	23.4%
614-1003	Overtime	\$ -	\$ -	\$ -	#DIV/0!
<i>Subtotal, Salaries</i>		<i>\$ 695,470</i>	<i>\$ 52,337</i>	<i>\$ 169,279</i>	<i>24.3%</i>

Supplies

614-3101	Office Supplies	\$ 7,450	\$ 572	\$ 1,392	18.7%
614-3101	Safety Equipment	\$ -	\$ -	\$ -	#DIV/0!
614-3201	Vehicles, Gas	\$ 3,325	\$ 156	\$ 404	12.1%
614-3501	Small Tools/Equipment	\$ -	\$ -	\$ -	#DIV/0!
614-3502	Computer Network	\$ 10,466	\$ 2,929	\$ 2,979	28.5%
<i>Subtotal, Supplies</i>		<i>\$ 21,241</i>	<i>\$ 3,657</i>	<i>\$ 4,775</i>	<i>22.5%</i>

Services

614-4101	Professional Services	\$ 15,000	\$ 2,931	\$ 4,823	32.2%
614-4101	Laboratory Analyses	\$ 157	\$ -	\$ -	0.0%
614-4125	Treasurer, Yakima County	\$ 1,679	\$ 152	\$ 455	27.1%
614-4201	Communications, Phones/Internet	\$ 12,444	\$ 1,056	\$ 3,168	25.5%
614-4202	Postage	\$ 3,900	\$ -	\$ 500	12.8%
614-4301	Travel & Transportation	\$ 3,650	\$ 11	\$ 36	1.0%
614-4401	Public Education	\$ 4,000	\$ 500	\$ 567	14.2%
614-4401	Publications, Legal Notices	\$ 526	\$ -	\$ -	0.0%
614-4501	Rents & Leases, Equipment	\$ 1,982	\$ 186	\$ 558	28.2%
614-4501	Rents & Leases, Space	\$ 41,760	\$ 3,480	\$ 10,440	25.0%
614-4601	Insurance	\$ 13,398	\$ -	\$ 12,662	94.5%
614-4801	Maintenance, Motor Vehicles	\$ 2,229	\$ 71	\$ 259	11.6%
614-4801	Maintenance, Equipment	\$ 1,853	\$ 238	\$ 429	23.2%
614-4801	Maintenance, Computers	\$ 150	\$ -	\$ 357	238.0%
614-4801	Maintenance, Building	\$ 520	\$ -	\$ 349	67.1%
614-4901	Memberships	\$ 230	\$ -	\$ -	0.0%
614-4901	Training	\$ 2,898	\$ -	\$ 1,189	41.0%
614-4901	Service Chgs & Interest	\$ 4,600	\$ 257	\$ 699	15.2%
614-4901	Miscellaneous Services	\$ 2,600	\$ 13	\$ 508	19.5%
614-4901	DOE Oversight Fees	\$ 4,787	\$ -	\$ -	0.0%
<i>Subtotal, Services</i>		<i>\$ 118,363</i>	<i>\$ 8,895</i>	<i>\$ 37,001</i>	<i>31.3%</i>

Capital Out-Lay & Fixed Assets

614-6401	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	#DIV/0!
<i>Total YRCAA Base Operations Expenses</i>		<i>\$ 835,074</i>	<i>\$ 64,889</i>	<i>\$ 211,054</i>	<i>25.3%</i>

EXPENSES 614 YRCAA Grant Operations

614-33403105 Wood Stove Ed

Salaries

614-1001	Salaries	\$ 3,956	\$ 325	\$ 325	8.2%
614-2002	Benefits	\$ 1,462	\$ 114	\$ 114	7.8%
614-1003	Overtime	\$ -	\$ -	\$ -	#DIV/0!
<i>Subtotal, Salaries</i>		<i>\$ 5,418</i>	<i>\$ 439</i>	<i>\$ 439</i>	<i>8.1%</i>

Supplies

614-3101	Office Supplies	\$ -	\$ -	\$ -	#DIV/0!
<i>Subtotal, Supplies</i>		<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>#DIV/0!</i>

FY 2017 Monthly BVA

September 2016 Report Date: October 13, 2016		Budget	Actual Current	Actual Year to Date	Year to Date % of Budget
Services					
614-4139	Professional Services	\$ -	\$ -	\$ -	#DIV/0!
614-4202	Postage	\$ -	\$ -	\$ -	#DIV/0!
	<i>Subtotal, Services</i>	\$ -	\$ -	\$ -	#DIV/0!
	<i>Subtotal, Woodstove Grant Expenses</i>	\$ 5,418	\$ 439	\$ 439	8.1%
614-33403108 PM2.5					
Salaries					
614-1001	Salaries	\$ 15,367	\$ 986	\$ 2,889	18.8%
614-2002	Benefits	\$ 5,683	\$ 346	\$ 667	11.7%
614-1003	Overtime	\$ -	\$ -	\$ -	#DIV/0!
	<i>Subtotal, Salaries</i>	\$ 21,050	\$ 1,332	\$ 3,904	18.5%
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	\$ -	\$ -	\$ -	#DIV/0!
	<i>Subtotal, PM 2.5 Grant Expenses</i>	\$ 21,050	\$ 1,332	\$ 3,904	18.5%
614-33403107 Woodstove Change-out					
Salaries					
614-1001	Salaries	\$ 11,357	\$ 1,453	\$ 5,027	44.3%
614-2002	Benefits	\$ 4,201	\$ 510	\$ 1,157	27.5%
614-1003	Overtime	\$ -	\$ -	\$ -	#DIV/0!
	<i>Subtotal, Salaries</i>	\$ 15,558	\$ 1,963	\$ 6,793	43.7%
Supplies					
614-3101	Office Supplies	\$ -	\$ 43	\$ 43	#DIV/0!
	<i>Subtotal, Supplies</i>	\$ -	\$ 43	\$ 43	#DIV/0!
Services					
614-4101	Professional Services	\$ 123,607	\$ 12,612	\$ 25,731	20.8%
	<i>Subtotal, Services</i>	\$ 123,607	\$ 12,612	\$ 25,731	20.8%
Capital Out-Lay & Fixed Assets					
614-6401	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	#DIV/0!
	<i>Subtotal, Woodstove Change-out Grant Expenses</i>	\$ 139,165	\$ 14,618	\$ 32,568	23.4%
	<i>Total, Grant Operations Expenses</i>	\$ 165,633	\$ 16,389	\$ 36,912	22.3%
EXPENSES 141 Enterprise Operations					
Salaries					
141-1001	Salaries	\$ 12,776	\$ 4,981	\$ 5,205	40.7%
141-2002	Benefits	\$ 4,722	\$ 1,750	\$ 1,750	37.1%
141-1003	Overtime	\$ -	\$ -	\$ -	#DIV/0!
	<i>Subtotal, Salaries</i>	\$ 17,498	\$ 6,731	\$ 7,034	40.2%

FY 2017 Monthly BVA

September 2016 Report Date: October 13, 2016		Budget	Actual Current	Actual Year to Date	Year to Date % of Budget
Supplies					
141-3101	Office Supplies	\$ 400	\$ -	\$ -	0.0%
141-3201	Vehicles, Gas	\$ 1,700	\$ 19	\$ 19	1.1%
141-3501	Small Tools/Equipment	\$ 200	\$ -	\$ -	0.0%
<i>Subtotal, Supplies</i>		<i>\$ 2,300</i>	<i>\$ 19</i>	<i>\$ 19</i>	<i>0.8%</i>
Services					
141-4101	Professional Services	\$ -	\$ -	\$ -	#DIV/0!
141-4202	Postage	\$ -	\$ -	\$ -	#DIV/0!
141-4301	Travel & Transportation	\$ 5,000	\$ 1,104	\$ 1,104	22.1%
141-4501	Rents & Leases, Space	\$ 5,218	\$ -	\$ 500	9.6%
141-4801	Maintenance, Motor Vehicles	\$ 2,100	\$ 155	\$ 155	7.4%
141-4801	Maintenance, Equipment	\$ 505	\$ -	\$ -	0.0%
141-4901	Miscellaneous Services	\$ -	\$ -	\$ -	#DIV/0!
<i>Subtotal, Services</i>		<i>\$ 12,823</i>	<i>\$ 1,259</i>	<i>\$ 1,759</i>	<i>13.7%</i>
Capital Out-Lay & Fixed Assets					
141-4500	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	#DIV/0!
<i>Total Enterprise Operations Expenses</i>		<i>\$ 32,621</i>	<i>\$ 8,009</i>	<i>\$ 8,811</i>	<i>27.0%</i>
Summary of Revenue vs Expenses:					
<i>Prior-Year Carry Over Funds</i>		<i>\$ 125,000</i>	<i>\$ -</i>	<i>\$ 125,000</i>	
<i>Total Revenue, Base, Grants & Enterprise</i>		<i>\$ 1,188,441</i>	<i>\$ 14,696</i>	<i>\$ 411,398</i>	<i>34.6%</i>
<i>Total Expenses, Base, Grants & Enterprise</i>		<i>\$ 1,033,328</i>	<i>\$ 89,286</i>	<i>\$ 256,777</i>	<i>24.8%</i>
<i>Fund Balance</i>		<i>\$ 155,113</i>	<i>\$ (74,590)</i>	<i>\$ 154,621</i>	
<i>Operating Reserves</i>		<i>\$ 30,113</i>			
<i>Estimated Available Fund Balance</i>		<i>\$ 125,000</i>			

YAKIMA REGIONAL CLEAN AIR AGENCY
SUPPLEMENTAL INCOME STATUS for 2016 on September 30, 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	\$ 699	\$ 699	1/2 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	\$ 4,869	\$ 1,623	3/4 paid
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	\$ 27,924	\$ 9,308	3/4 paid
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	\$ 25,623	\$ 8,541	3/4 paid
Totals:	\$ -	\$ 99,520	\$ 99,520		\$ 79,349	\$ 20,171	



Executive Memorandum

Date of Release: October 6, 2016
Date of Consideration: October 13, 2016
To: Board of Directors
From: Office of the Engineering and Planning Division
Subject: September 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 October including some additional related information:

- Attached is the analysis of aerosol nitrate in Yakima valley in the winter of 2015/2016 by the Department of Ecology. The main finding and inferences (verbatim) are as follows:

Main findings:

- "Average aerosol nitrate levels were lowest in Yakima and highest in Toppenish, with Sunnyside in between.
- On average, nitrate accounted for about a quarter of the PM2.5 mass at Yakima and Toppenish, 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.
- Nitrate levels in the upper valley were slightly higher than the average of the previous 5 winters.
- While Yakima experienced slightly lower PM2.5 than recent years, Toppenish had more PM2.5."

Main inferences:

- "While Yakima's nitrate content has increased slightly over the previous 5 years, its PM2.5 concentrations dropped a bit, pushing the nitrate fraction from about one sixth to one quarter.
- In Toppenish, the PM2.5 comparison is in the opposite direction, with the 2015/ 2016 winter recording higher PM2.5 than the previous 5 years. It is unknown if nitrate content has changed over time, as no previous measurements exist.
- In Sunnyside, nitrate makes up about one third of PM2.5. In spite of having the lowest PM2.5 levels of the 3 communities, nitrate at Sunnyside was comparable to Toppenish. This is consistent with the nature of secondary pollutant formation: as ammonia and NOx sources are spread over much of the lower valley, nitrate is unlikely to be confined to localized hotspots.
- It is unknown how nitrate and PM2.5 levels have changed over time in Sunnyside.
- Caution must be exercised when comparing the 2015/ 2016 winter data with previous years, as year-to-year meteorological and source fluctuations can account for much of the differences. It does not necessarily imply a sustained improvement or worsening of emissions."

- Issued two New Source Reviews (NSR) Orders of Approval.
- Worked on Title V Air Operating Permit (AOP) renewal.
- Working on the 2nd 10 years Maintenance Plans.
- Attended the bimonthly meeting of the WAQMG.
- Registered 1 source.

AGENDA ITEM NO. 8



- Issued 35 residential burn permits.
- Reviewed/responded to 17 SEPA projects.
- Issued 10 agricultural burn permits.
- Had several technical assistance meetings with industry.
- October 15, 2016 will be the last day for residential burning.
- Worked on the daily weather forecasts for the burn status and agricultural allocation.
- No burn ban was called during the month of September.
- Exceptional Event Rule was finalized by EPA on September 30, 2016.
- No exceedance is expected for the month of September for Yakima (see attached graph)

Attachments:

- ✓ *PM_{2.5} Monitor Data for the month of September, 2016 and the annual graphs.*

Analysis of aerosol nitrate in the Yakima valley in the winter of 2015/ 2016

Author: Ranil Dhammapala

Washington State Department of Ecology

ranil.dhammapala@ecy.wa.gov; 360-407-6807

Date: 30 September 2016

Background

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 $PM_{2.5}$ 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. However 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) $PM_{2.5}$ samplers in Sunnyside and Toppenish, between November 2015 and January 2016. The Teflon filters were analyzed for nitrate at Ecology's Manchester Environmental Laboratory.



Figure 1: Map of study area with monitoring sites identified by red circles

Main findings

While detailed analyses are presented in the Appendix, data show that on days with elevated PM_{2.5} concentrations:

- Average aerosol nitrate levels were lowest in Yakima and highest in Toppenish, with Sunnyside in between.
- On average, nitrate accounted for about a quarter of the PM_{2.5} mass at Yakima and Toppenish, 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.
- Nitrate levels in the upper valley were slightly higher than the average of the previous 5 winters.
- While Yakima experienced slightly lower PM_{2.5} than recent years, Toppenish had more PM_{2.5}.

Recommendations

The main YAWNS study concluded that the pathway to reducing aerosol nitrate was not obvious, and recommended an air quality modeling study to help ascertain the most effective controls. The only added recommendation that can be made based on these 2015/ 2016 nitrate measurements, is that such a modeling study needs to take these data into consideration and accurately simulate upper and lower valley aerosol nitrate relationships.

Appendix

Choice of an analytical method

Manchester Environmental Laboratory (MEL) does not use the same analytical method for aerosol nitrate as the nationwide Chemical Speciation Network (CSN). However, the Washington State Department of Ecology (Ecology) requested that 16 archived FRM filters from Yakima, collected between January 2013 and March 2015 be analyzed for nitrate using MEL's Lachat analyzer, for comparison against the CSN Ion Chromatographic (IC) method. The FRMs were co-located with CSN samplers at the 4th Avenue monitoring site in Yakima, although FRM and CSN sampling and handling protocols are not identical. Filter storage could lead to some loss of nitrate aerosol, potentially biasing MEL results lower.

Nevertheless, 11 of the 16 MEL Lachat nitrate samples were within $\pm 0.9 \mu\text{g}/\text{m}^3$ of the CSN IC method and have a linear correlation coefficient of 0.71, lending some credibility to the Lachat method in spite of a rather indirect comparison with the CSN IC method. These differences showed no dependence on sample age, $\text{PM}_{2.5}$ or nitrate concentration as shown in Figure A1.

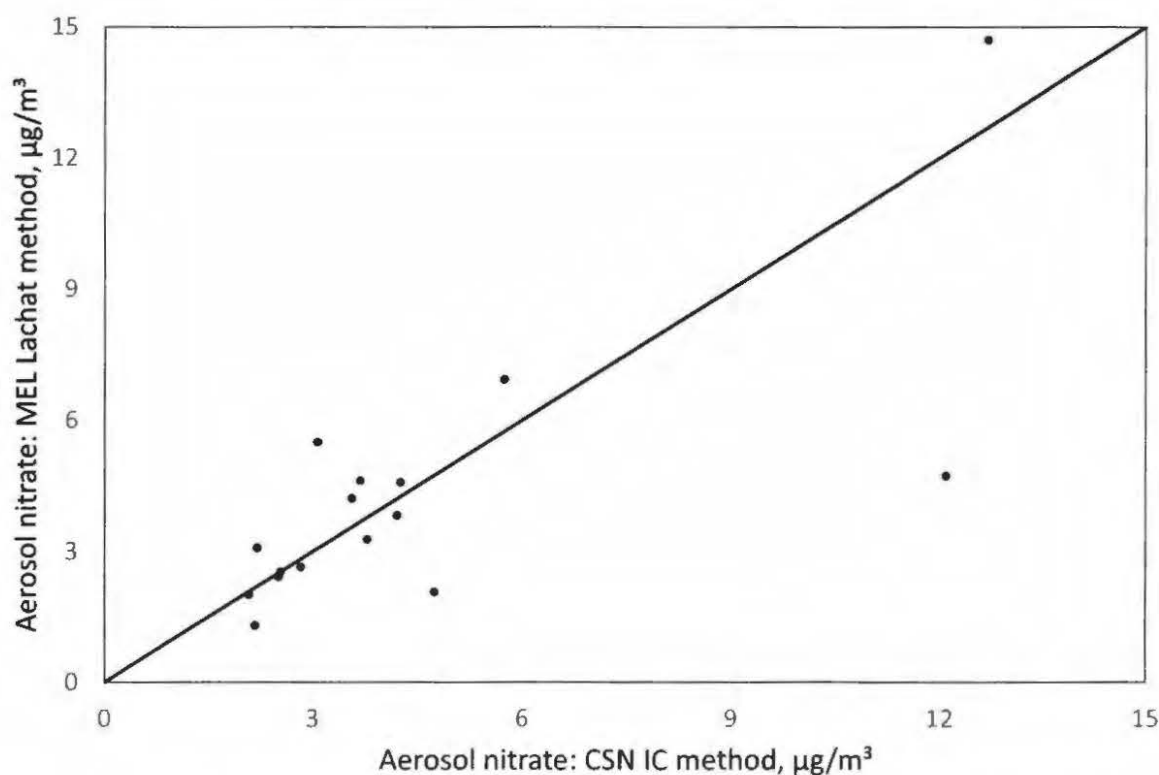


Figure A1: Testing the MEL Lachat method on archived FRM filters from Yakima, Jan 2013- Mar 2015

PM_{2.5} and nitrate in Yakima, Toppenish and Sunnyside

Figure A2 shows the PM_{2.5} and aerosol nitrate levels measured at Yakima (by the CSN sampler), Toppenish and Sunnyside (by Ecology) in the winter of 2015. The CSN site at Yakima has a sampling frequency of 1-in-6 days, but Ecology sampled in the lower valley on a 1-in-3 day schedule. However a few sampling days were missed and a few samples from both Toppenish and Sunnyside had to be invalidated due to shipping problems and storage concerns. PM_{2.5} measurements from FRMs or continuous monitors are available daily.

To fill in missing nitrate concentrations in the timeseries, a Generalized Additive Model (GAM) was setup using available measurements and basic meteorological parameters (temperature, relative humidity and windspeed). Wind direction was not considered, as 24-hr average directions are not very meaningful. GAMs are powerful statistical models that help visualize how a variable (in this case, aerosol nitrate levels) responds to different parameters, even if the input data distributions are unknown. All but 10 randomly chosen measurements were used to develop the model and its output was verified against the unused data points- which it reproduced to within 3%, with an R^2 of 0.93. The GAM-modeled nitrate is also overlaid on Figure A2 (teal). For the most part, nitrate at all 3 sites follow the same temporal trend, in that they all rise and fall together. Higher nitrate levels are seen when the daily average relative humidity is over 85%, daily average windspeeds are under 4 mph and daily mean temperatures are under 35F.

As nitrate in the upper and lower valleys respond similarly to comparable meteorological conditions, they are very likely to have common precursor sources.

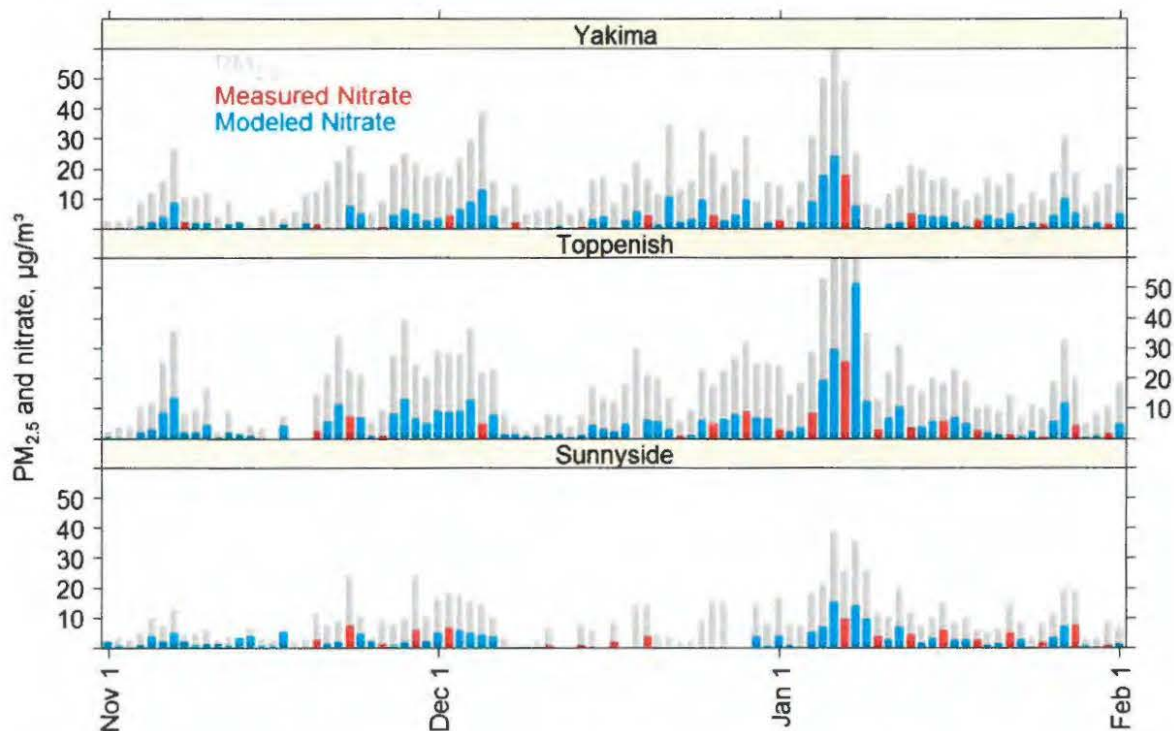


Figure A2: PM_{2.5} and nitrate timeseries in the upper and lower Yakima valley, winter 2015/ 2016.

Comparison of PM_{2.5} and nitrate averages on more polluted winter days

Figure A3 shows the average PM_{2.5} and nitrate content on days with PM_{2.5} levels over 12 µg/m³ for the time period of November 1, 2015 through January 31, 2016. Values for Toppenish and Yakima between 2010 and 2014 are provided for comparison. Toppenish recorded slightly more nitrate than Sunnyside, and Yakima saw about 1 µg/m³ less than Sunnyside.

Main inferences:

- While Yakima's nitrate content has increased slightly over the previous 5 years, its PM_{2.5} concentrations dropped a bit, pushing the nitrate fraction from about one sixth to one quarter.
- In Toppenish, the PM_{2.5} comparison is in the opposite direction, with the 2015/ 2016 winter recording higher PM_{2.5} than the previous 5 years. It is unknown if nitrate content has changed over time, as no previous measurements exist.
- In Sunnyside, nitrate makes up about one third of PM_{2.5}. In spite of having the lowest PM_{2.5} levels of the 3 communities, nitrate at Sunnyside was comparable to Toppenish. This is consistent with the nature of secondary pollutant formation: as ammonia and NO_x sources are spread over much of the lower valley, nitrate is unlikely to be confined to localized hotspots.
- It is unknown how nitrate and PM_{2.5} levels have changed over time in Sunnyside.
- Caution must be exercised when comparing the 2015/ 2016 winter data with previous years, as year-to-year meteorological and source fluctuations can account for much of the differences. It does not necessarily imply a sustained improvement or worsening of emissions.

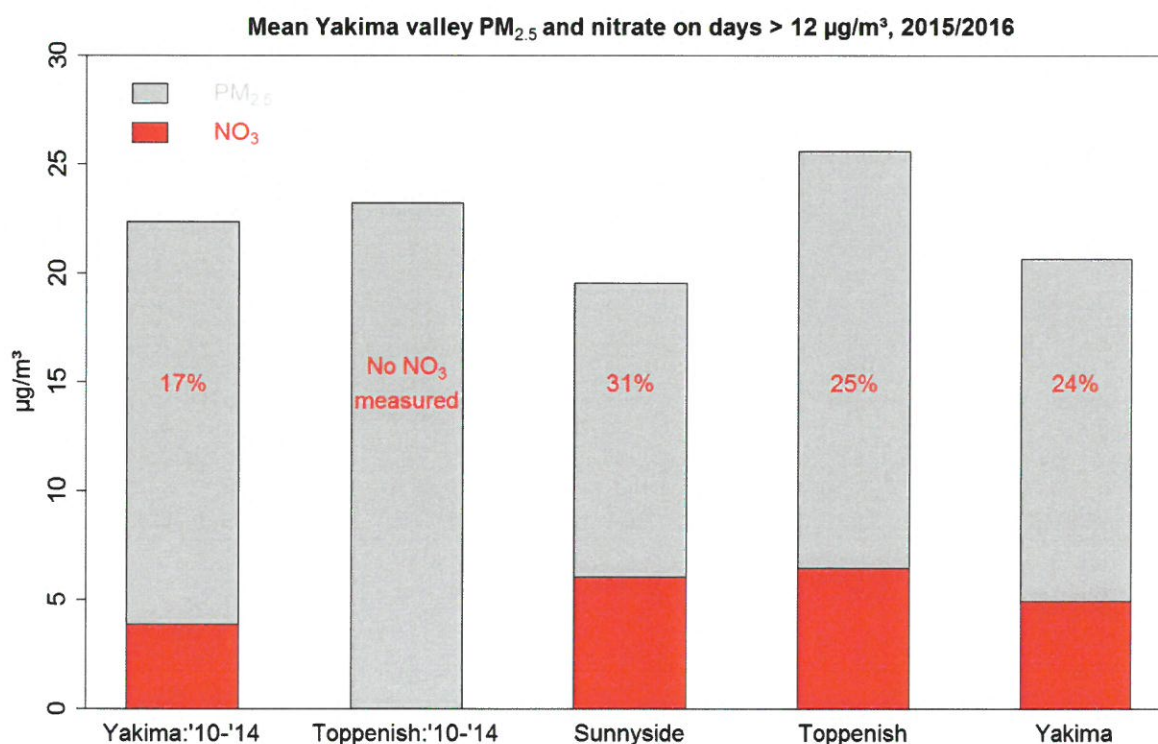
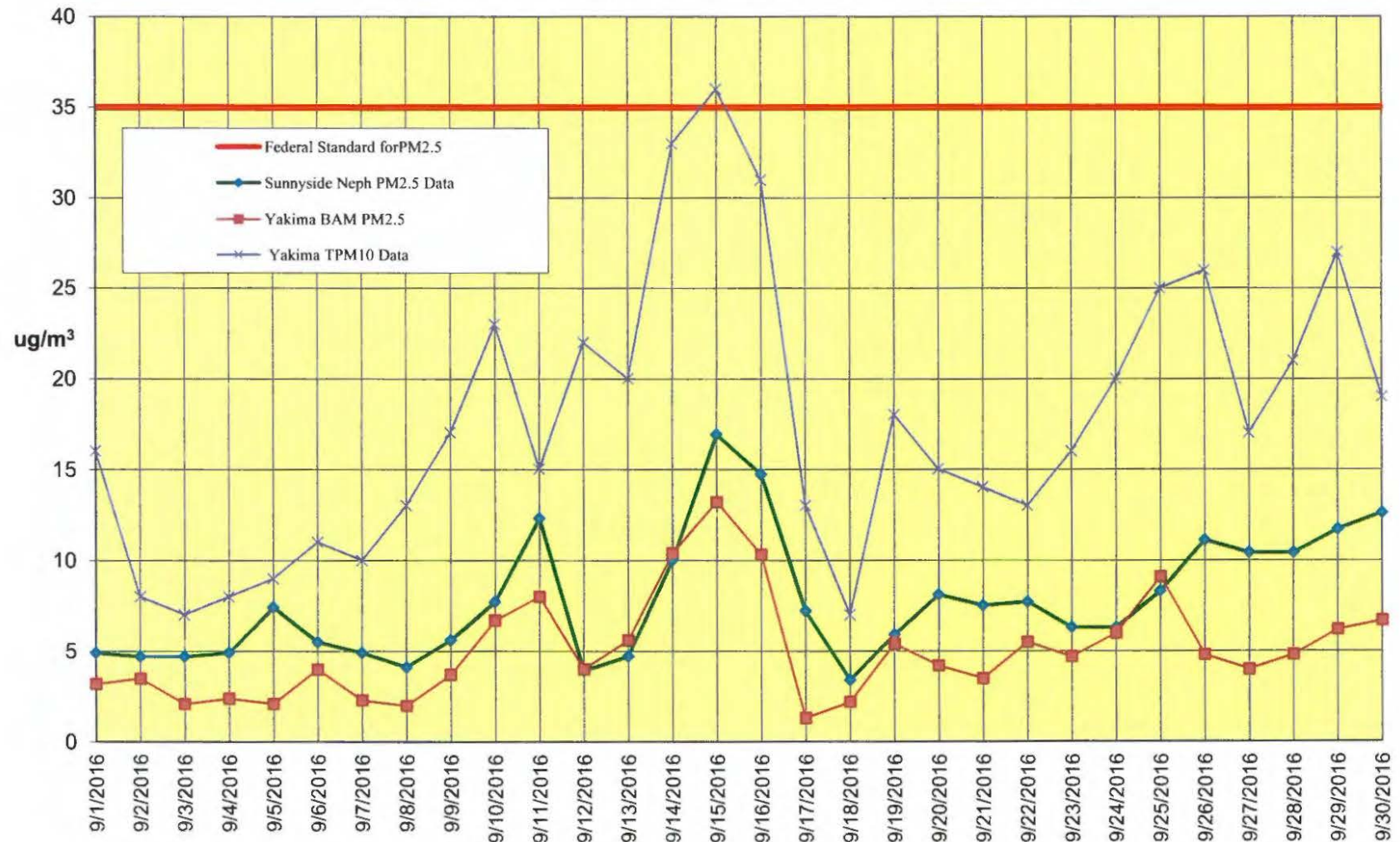


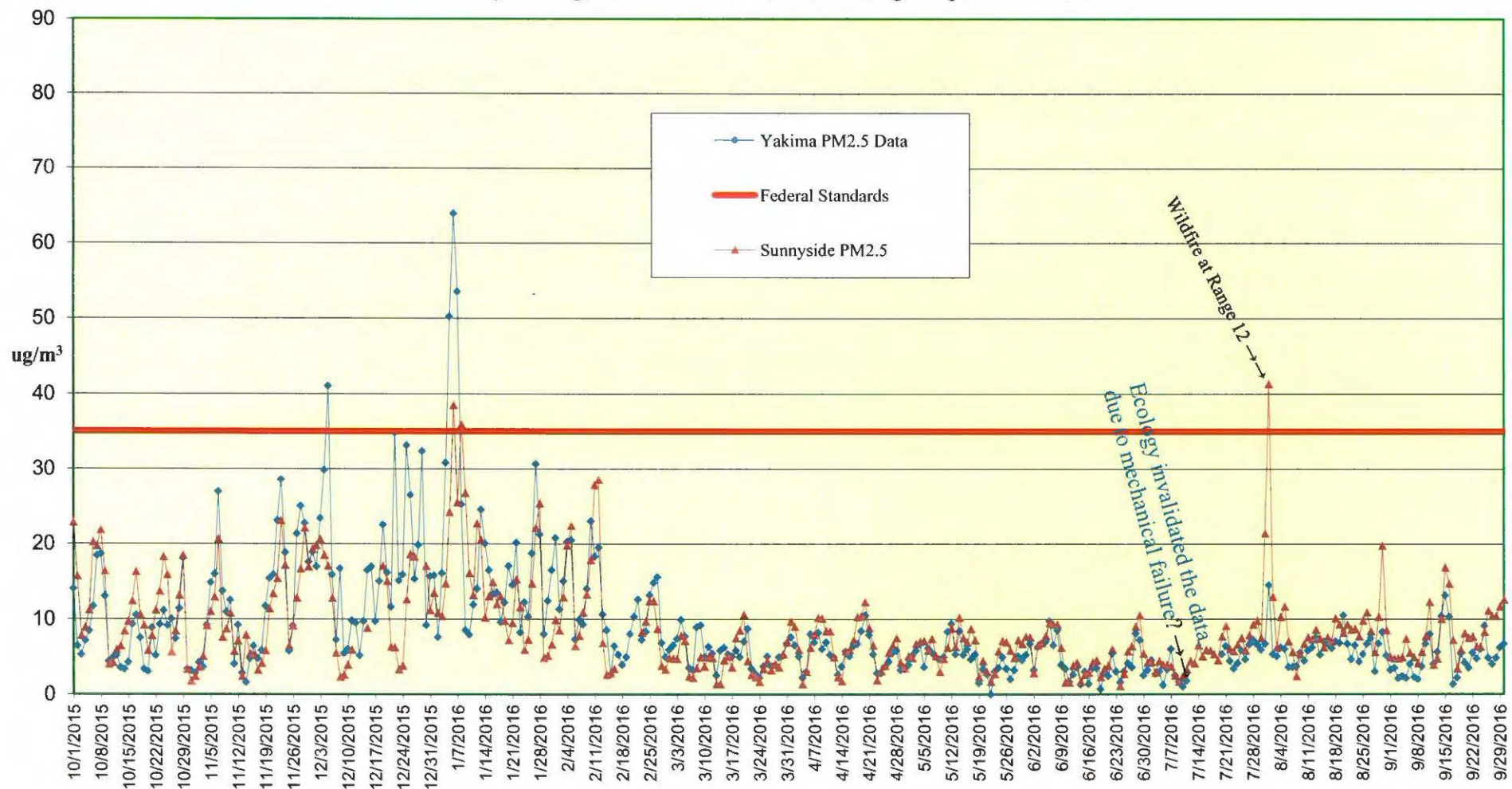
Figure A3: Average PM_{2.5} and nitrate composition on days between 1 Nov 2015 and 31 Jan 2016, with PM_{2.5} > 12 µg/m³. Percentages in red are the average nitrate content in PM_{2.5}.

PM_{2.5} BAM_{2.5} Data and TPM₁₀ for Yakima; Neph PM_{2.5} Data for Sunnyside

Daily Averages Value from September 1, 2016 through September 30, 2016



PM_{2.5} FEM/BAM_{2.5}(starting September 15, 2015) Annual Air Monitoring Data, City of Yakima Daily Averages from October 1, 2015 through September 30, 2016





Executive Memorandum

Date of Release: October 6, 2016
Date of Consideration: October 13, 2016
To: YRCAA Board of Directors
From: Office of the Compliance & Enforcement Division Supervisor
Subject: September 2016 Compliance & Enforcement Division Report *K. Hurley*

Issue: N/A

Recommendation(s): Accept and File

Discussion: During the month of September the Division setup, collected and shipped for analysis approximately 20 Air Monitoring Samples and completed 3 Quality Control checks on 3 of the 5 Air Monitors. The division also investigated 21 Complaints, and issued 2 Notices of Violation (NOV) and 1 Notice of Penalty (NOP) for a previously issued NOV. In addition, the Division reviewed and processed 13 Notifications of Demolition / Renovation (NODR), 4 Dust Control Plans, and completed 27 Air Pollution Source Site Visits.

The following table itemizes, by type, the complaints received and the number of NOVs issued for the month of September 2016:

<u>Type of Complaint</u>	<u>Number of Complaints</u>	<u>Number of NOVs</u>
Residential Burning	10	1
Agricultural Burning	1	1
Other Burning	1-SFBD	0
Fugitive Dust	7	0
Agricultural Dust	2	0
Agricultural Odor	2	0
Surface Coating	1	0
Odor	0	0
Asbestos	0	0
Other	0	0
<u>TOTALS</u>	<u>24</u>	<u>2</u>

- SFBD = Solid Fuel Burning Device

AGENDA ITEM NO. 9



Executive Memorandum

Date of Release: October 5, 2016
Date of Consideration: October 13, 2016
To: Board of Directors
From: Office of the Executive Division
Subject: Executive Division Report for September, 2016

WOOD STOVE CHANGE-OUT PROGRAM

- The change out program completed 3 low income change outs along with 1 bounty and 1 rebate for the months of August and September 2016. There are 4 low income and 2 rebates in the works, we have approx. 85,000.00 left to spend for the grant.

EDUCATION AND OUTREACH PROGRAMS

- August 23, the agency participated in an air quality presentation to elementary students at the Yakima Valley Museum.

OTHER INFORMATION

- Northwest Opacity Certification completed 10 smoke school events that included two initial classroom sessions throughout Washington and Oregon in September. 175 people participated in the events.

AGENDA ITEM NO. 10