

SEPTEMBER

2021

**Yakima Regional Clean
Air Agency
Board Meeting**



September 9th, 2021
Regular Board Meeting (via Tele-Conference)
2:00 p.m.

AGENDA

Regular Meeting

- 1. Call to Order**
- 2. Roll Call**
- 3. Additions or Deletions to the Agenda**
- 4. Public Comments**
If you wish to address any matter relevant to the business of the Board, you may do so now.
Please approach the podium, state your name and the item you wish to address. Please limit your comments to three (3) minutes.
- 5. Approval of Consent Agenda**
 - 5.1 Board Meeting Summary for June, July & August 2021
 - 5.2 YRCAA June, July & August 2021 Monthly Activity Reports
- 6. Regular Agenda**
 - 6.1 Executive Director's Report
- 7. Action Items**
 - 7.1 Fiscal Vouchers and Payroll Authorization Transfers for June, July & August 2021
- 8. Possible Executive Session**
 - 8.1 Employee Performance
- 9. Other business**
- 10. Adjournment**

If you wish to attend the YRCAA Board meeting and require an accommodation due to a disability or Language Interpretative Services, call 509-834-2050, ext. 100 or send us an email at admin@yrcaa.org.

CONSENT AGENDA ITEMS



**SUMMARY OF THE GOVERNING
 BOARD OF DIRECTORS
 REGULAR BOARD MEETING**

June 10, 2021

Location and Time:
Via Tele-conference

2:00 pm

REGULAR MEETING

1. Chair DeVaney called the meeting to order at 2:00 p.m.

2. Christa Owen, Clerk of the Board, conducted roll call. There was a quorum. (:39)

PRESENT WERE: Jon DeVaney, Member-at-Large Amanda McKinney, County Commissioner Steven Jones, Ph.D., County Representative	
BOARD MEMBERS: Steven Jones, Ph.D., County Representative Jon DeVaney, Member-at-Large Amanda McKinney, County Commissioner Jose Trevino, Small City Representative Brad Hill, Large City Representative ABSENT: Brad Hill, Large City Representative Jose Trevino, Small City Representative	LEGAL COUNSEL: Gary Cuillier STAFF: Keith Hurley, Executive Director Christa Owen, Clerk of the Board Pamela Herman, Public Records Officer

3. Additions or Deletions to the Agenda (:56)

Chair DeVaney asked if there were any additions or deletions to the Agenda.

There were none.

4. Public Comment (1:05)

Chair DeVaney asked if there were any public comments.

There were none.

5. Public Testimony on Budget FY2022 (2:00)

AGENDA ITEM NO. 5.1



There were none.

6. Consent Agenda(2:23)

6.1 Study Session Summary for May 2021

6.2 Board Meeting Summary for May 2021

6.3 Accept YRCAA May 2021 Monthly Activity Reports

Chair DeVaney called for a motion to approve the Consent Agenda.

Commissioner McKinney moved Dr. Jones seconded to approve.
Motion approved with no dissension.

7. Regular Agenda (3:20)

7.1 Executive Director's Report

Executive Director Hurley presented his report. Refer to the Board packet.

8. Action Items (6:29)

8.1 Fiscal Vouchers and Payroll Authorization Transfers for May 2021

Commissioner McKinney moved Dr. Jones seconded to approve.
Motion approved with no dissension.

8.2 Proposed FY 2022 Budget

Commissioner McKinney moved Dr. Jones seconded to approve.
Motion approved with no dissension.

8. Other Business (13:11)

Chair DeVaney called for a motion to dispense the July Board Meeting.

Commissioner McKinney moved Dr. Jones seconded to approve.
Motion approved with no dissension.

9. Adjournment (14:50)

Dr. Jones moved Commissioner McKinney seconded to approve.
Motion approved with no dissension.

At 2:15 p.m.



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(509) 834-2050, Fax (509) 834-2060
<http://yakimacleanair.org>*

Jon DeVaney, Board Chairman

Christa Owen, Clerk of the Board



**SUMMARY OF THE GOVERNING
 BOARD OF DIRECTORS
 REGULAR BOARD MEETING**

August 13, 2021

Location and Time:

Yakima City Hall Council Chambers

2:00 pm

REGULAR MEETING

1. Chair DeVaney called the meeting to order at 2:00 p.m.

2. Christa Owen, Clerk of the Board, conducted roll call. There was not a quorum. No action will be taken only the reports heard. (:14)

PRESENT WERE:

Jon DeVaney, Member-at-Large
 Steven Jones, Ph.D., County Representative

BOARD MEMBERS:

Steven Jones, Ph.D., County Representative
 Jon DeVaney, Member-at-Large
 Amanda McKinney, County Commissioner
 Jose Trevino, Small City Representative
 Brad Hill, Large City Representative

ABSENT:

Brad Hill, Large City Representative
 Jose Trevino, Small City Representative
 Amanda McKinney, County Commissioner

LEGAL COUNSEL:

Gary Cuillier

STAFF:

Keith Hurley, Executive Director
 Christa Owen, Clerk of the Board
 Pamela Herman, Public Records Officer

3. Additions or Deletions to the Agenda (:36)

Chair DeVaney asked if there were any additions or deletions to the Agenda.

There were none.

4. Public Comment (:49)

Chair DeVaney asked if there were any public comments.

There were none.

5. Consent Agenda(1:10)

AGENDA ITEM NO. 5.1



5.1 Board Meeting Summary for June 2021

5.2 YRCAA June & July 2021 Monthly Activity Report

6. Regular Agenda (1:32)

6.1 Executive Director's Report

Executive Director Hurley presented his report. Refer to the Board packet.

7. Action Items (2:42)

7.1 Fiscal Vouchers and Payroll Authorization Transfers for June & July 2021

Dr. Jones inquired on one of the Fiscal Voucher Payee's.

Director Hurley informed the board of service, that it was the agencies Professional Engineer.

8. Other Business (3:50)

Chair DeVaney thanked YRCAA staff for their hard work during COVID.

Director Hurley announced that Itza-Vel Trudell will be taking over the positions of the agencies Public Records Officer.

9. Adjournment (5:45)

At 2:06 p.m.

Jon DeVaney, Board Chairman

Christa Owen, Clerk of the Board

Date of Release: August 5, 2021
Date of Consideration: August 12, 2021
To: Board of Directors
From: Office of the Executive Director
Subject: Monthly Activity Report

Activity	<i>Current Quarter</i>				FY21 Ttl. to Date
	FY20 Total	Apr FY21	May FY21	June FY21	
Minor Source Inspections	123	31	21	13	129
Complaints Received	221	36	29	19	295
NOVs Issued	60	4	8	24	94
AODs Issued	8	0	0	0	10
Warning Notices Issued	7	0	0	0	11
NOPs Issued	45	4	0	7	52
SEPA Reviews	352	32	41	31	433
AOP Applications Received	1	0	0	0	0
AOPs Issued or Renewed	1	0	0	0	0
Deviations/Upsets Reported	21	3	4	2	31
AOP Inspections	7	2	0	0	4
Public Workshops	1	0	0	0	0
Media Events	1	0	1	0	2
Media Contacts	6	0	1	0	7
Education Outreach Events	6	0	0	0	1
Sources Registered	234	52	32	16	353
NSR Applications Received	20	4	3	3	26
NSR Approvals Issued-Temporary	0	0	0	0	2
NSR Approvals Issued-Permanent	28	0	4	4	31
NODRs Received	199	15	12	9	195
Agricultural Burn Permits Issued	122	11	4	2	97
Conditional Use Permits Issued	4	2	3	0	8
Residential Burn Permits Issued	1193	200	150	100	724
Burn Ban Days	24	0	0	0	58
Public Records Requests Fulfilled	45	4	3	2	41

Acronyms:

Penalty; **NOV** - Notice of Violation; **NSR** - New Source Review; **SEPA** - State Environmental Policy Act

Date of Release: August 5, 2021
Date of Consideration: August 12, 2021
To: Board of Directors
From: Office of the Executive Director
Subject: Monthly Activity Report

Activity	<i>Current Quarter</i>				FY22 Ttl. to Date
	FY21 Total	May FY21	June FY21	July FY22	
Minor Source Inspections	129	21	13	10	10
Complaints Received	295	29	19	21	21
NOVs Issued	94	8	24	2	2
AODs Issued	10	0	0	0	0
Warning Notices Issued	11	0	0	0	0
NOPs Issued	52	0	7	12	12
SEPA Reviews	433	41	31	54	54
AOP Applications Received	0	0	0	0	0
AOPs Issued or Renewed	0	0	0	0	0
Deviations/Upsets Reported	31	4	2	2	2
AOP Inspections	4	0	0	0	0
Public Workshops	0	0	0	0	0
Media Events	2	1	0	0	0
Media Contacts	7	1	0	1	1
Education Outreach Events	1	0	0	0	0
Sources Registered	353	32	16	2	2
NSR Applications Received	26	3	3	1	1
NSR Approvals Issued-Temporary	2	0	0	0	0
NSR Approvals Issued-Permanent	31	4	4	2	2
NODRs Received	195	12	9	10	10
Agricultural Burn Permits Issued	97	4	2	2	2
Conditional Use Permits Issued	8	3	0	0	0
Residential Burn Permits Issued	724	150	100	0	0
Burn Ban Days	58	0	0	3	3
Public Records Requests Fulfilled	41	3	2	5	5

Acronyms:

Penalty; **NOV** - Notice of Violation; **NSR** - New Source Review; **SEPA** - State Environmental Policy Act

Date of Release: September 2, 2021
Date of Consideration: September 9, 2021
To: Board of Directors
From: Office of the Executive Director
Subject: Monthly Activity Report

Activity	<i>Current Quarter</i>				FY22 Ttl. to Date
	FY21 Total	June FY21	July FY22	August FY22	
Minor Source Inspections	129	13	10	2	2
Complaints Received	295	19	21	16	16
NOVs Issued	94	24	3	1	1
AODs Issued	10	0	0	0	0
Warning Notices Issued	11	0	0	0	0
NOPs Issued	52	7	12	0	0
SEPA Reviews	433	31	54	50	50
AOP Applications Received	0	0	0	0	0
AOPs Issued or Renewed	0	0	0	0	0
Deviations/Upsets Reported	31	2	2	2	2
AOP Inspections	4	0	0	0	0
Public Workshops	0	0	0	1	1
Media Events	2	0	0	0	0
Media Contacts	7	0	1	1	1
Education Outreach Events	1	0	0	0	0
Sources Registered	353	16	2	3	3
NSR Applications Received	26	3	1	1	1
NSR Approvals Issued-Temporary	2	0	0	0	0
NSR Approvals Issued-Permanent	31	4	2	2	2
NODRs Received	195	9	10	11	11
Agricultural Burn Permits Issued	97	2	2	1	1
Conditional Use Permits Issued	8	0	0	0	0
Residential Burn Permits Issued	724	100	0	0	0
Burn Ban Days	58	0	3	30	30
Public Records Requests Fulfilled	41	2	5	5	5

Acronyms:

Penalty; **NOV** - Notice of Violation; **NSR** - New Source Review; **SEPA** - State Environmental Policy Act

REGULAR

AGENDA



Executive Memorandum

Date of Release: September 2nd, 2021
Date of Consideration: September 9th, 2021
To: The YRCAA Board of Directors
From: Office of the Executive Director
Subject: Executive Director's Report for September 2021

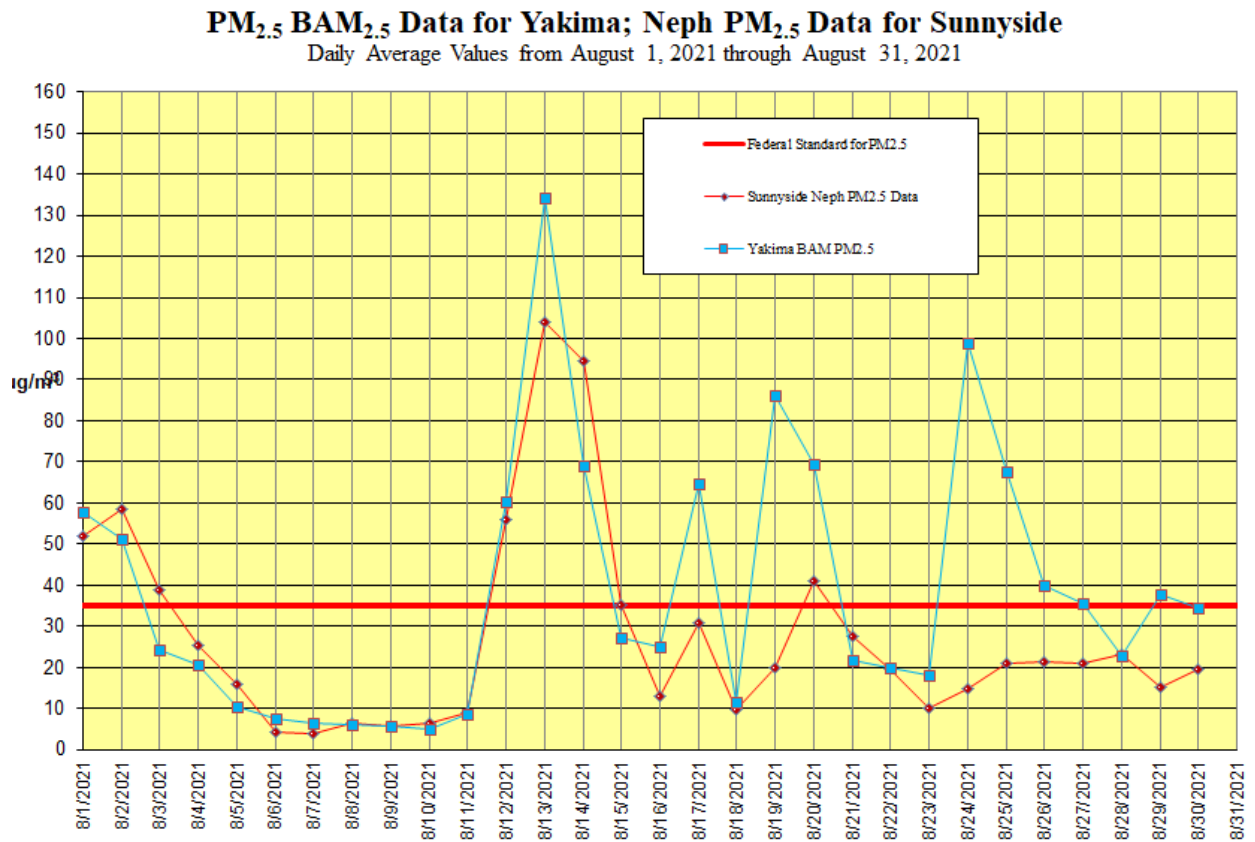
- 1. Depart of Ecology's Air Data Quality Report (ADQR) for the 1st Quarter of 2021**
(Attached) - The Air Monitoring Data Quality Assessment Report for the 1st Quarter of 2021 describes the quality of the data collected from January 1st through March 1st, 2021.

- 2. Compliance & Engineering**

The following table itemizes, by type, the complaints received and the number of NOV's issued for the month of August 2021:

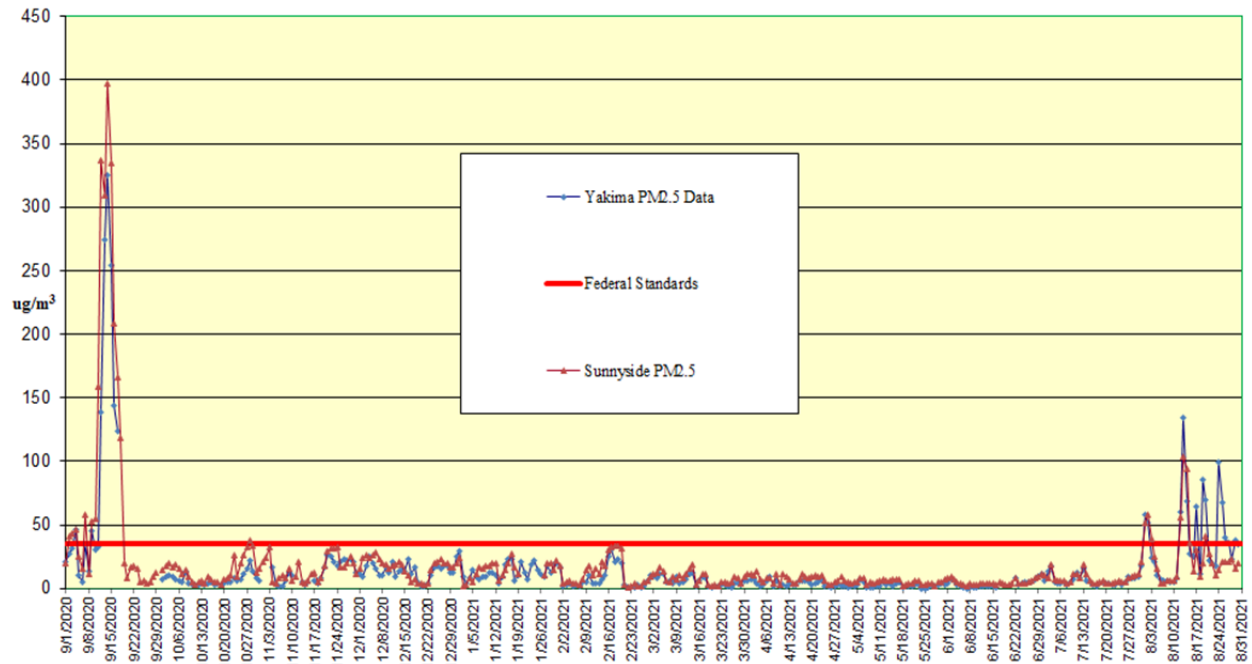
<u>Type of Complaint</u>	<u># of Complaints</u>	<u># of NOV's</u>	<u># of AODs</u>
Residential Burning	6	0	0
Agricultural Burning	0	0	0
Other Burning	0	0	0
Fugitive/Construction Dust	7	0	0
Agricultural Dust	0	0	0
Agricultural Odor	0	0	0
Surface Coating	0	0	0
Odor	1	0	0
Asbestos	0	0	0
Industrial Sources	2	0	0
<u>TOTALS</u>	<u>16</u>	<u>0</u>	<u>0</u>

3. Air Monitoring Data for August 2021



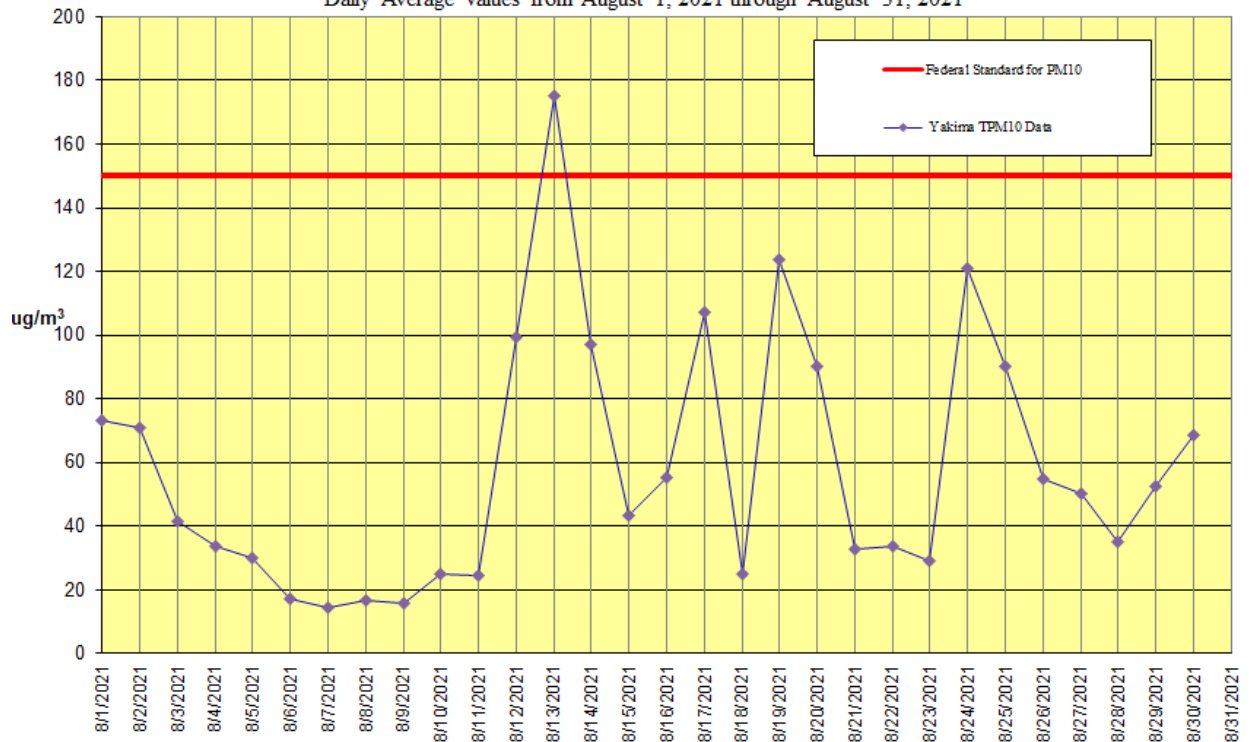
PM_{2.5} FEM/BAM2.5 (starting September 15, 2015) Annual Air Monitoring Data, Cities of Yakima and Sunnyside

Daily Average Values from September 1, 2020 through August 31, 2021



BAM PM₁₀ Data for Yakima Site

Daily Average Values from August 1, 2021 through August 31, 2021





DEPARTMENT OF
ECOLOGY
State of Washington

Air Monitoring Data Quality Assessment Report

1st Quarter 2021

August 2021

Contact Information

For more information contact:

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Air Quality Program
P.O. Box 47600
Olympia, WA 98504-7600
Phone: 360-407-6819

Washington Department of Ecology — www.ecology.wa.gov

- Headquarters, Olympia 360-407-6800
- Northwest Regional Office, Bellevue 425-649-7000
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- Central Regional Office, Union Gap 509-575-2490
- Eastern Regional Office, Spokane 509-329-3400

To request ADA accommodation, email annaya-chun.tai@ecy.wa.gov or call 360-407-6819, 711 (relay service), or 877-833-6341 (TTY).

Air Monitoring Data Quality Assessment Report

1st Quarter 2021

Air Quality Program
Washington Department of Ecology
Olympia, Washington

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Acronyms and Abbreviations

AQP	Air Quality Program
AQS	Air Quality System
CO	carbon monoxide
CV	Coefficient of Variation
DQI	Data Quality Indicator
DQO	Data Quality Objective
EPA	United States Environmental Protection Agency
FEM	Federal Equivalent Method
FRM	Federal Reference Method
MQO	Measurement Quality Objective
NAAQS	National Ambient Air Quality Standards
NCore	National Core Monitoring Network
NIST	National Institute of Standards and Technology
NO	nitric oxide
NO ₂	nitrogen dioxide
PE	Performance Evaluation
PQAO	Primary Quality Assurance Organization
PM ₁₀	particulate matter with diameter less than 10 microns
PM _{10-2.5}	particulate matter with diameter between 10 and 2.5 microns
PM _{2.5}	particulate matter with diameter less than 2.5 microns
ppb	parts per billion
QA	quality assurance
QAPP	Quality Assurance Project Plan
QC	quality control
SASS	Speciation Air Sampling System
SO ₂	sulfur dioxide
WAQA	Washington Air Quality Advisory

1. Introduction

The Washington State Ambient Air Monitoring Network (Washington Network) is designed to collect vital air quality information for use by federal, state, and local air agencies as well as tribes, the research community, and the public. These entities use the data collected within the Washington Network to make decisions that will have public health, economic, and political impacts. Air monitoring data are never error free and always contain some level of uncertainty. Therefore, it is critical that ambient air monitoring data collected within the Washington Network are of known, acceptable, and comparable quality. A firm understanding of the amount of inherent error associated with air monitoring data helps reduce the likelihood of decision errors by data users.

In order to provide decision makers with data of known and acceptable quality, the Washington Department of Ecology (Ecology) implements a quality system that governs the Washington Network ambient air monitoring activities. This quality system, and Ecology's role as the Primary Quality Assurance Organization (PQAO) for the Washington Network, is described in Ecology's Quality Assurance Plan (QAP). Ecology's goal as the PQAO is to implement practices, such as consistency across measurement methods, which will help to reduce the amount of uncertainty associated with data collection. EPA's Quality Assurance Handbook, Volume II, provides principles that help PQAO's achieve this goal:

- Operation by a common team of field operators according to a common set of procedures.
- Use of common standard operating procedures.
- Common calibration facilities.
- Oversight by a common quality assurance organization.
- Support by a common management, laboratory, or headquarters.

The quality assurance regulations set forth in 40 CFR Part 58 Appendix A have been developed to ensure that monitoring programs are planned such that decision makers understand the data quality requirements in order to determine compliance with the National Ambient Air Quality Standards (NAAQS). Washington Network operations are carried out in accordance with these regulations for its Federal Reference Method (FRM) and Federal Equivalent Method (FEM), NAAQS-compliance monitoring. In addition, Ecology has a goal to implement guidance, whenever practical, from the United States Environmental Protection Agency (EPA), Office of Air Quality Planning and Standards for these and other monitoring efforts within the Washington Network.

The Air Monitoring Data Quality Assessment Report for the 1st Quarter 2021 describes the quality of the data collected from January 1 through March 31, 2021.

2. Data Quality

To provide decision makers with data of acceptable quality, EPA implemented the Data Quality Objective (DQO) process and established acceptance criteria for precision and bias. DQOs are a set of performance measures used in data collection that specifies the level of uncertainty (error)

that the decision maker is willing to accept in the data. By knowing how much uncertainty is in the data, especially data collected at locations that are at risk of being declared “nonattainment” or are already in nonattainment, decision makers are provided additional confidence to make informed policy decisions regarding the protection of public health and the environment. DQOs are assessed using data quality indicators (DQIs), which are the quantitative statistics and the qualitative descriptors used to interpret the degree of acceptability or utility of data to the user. The DQIs are used to establish the Measurement Quality Objectives (MQOs). Data quality is assessed quarterly using the EPA’s AMP256 QA Data Quality Indicator Report, downloaded from EPA’s Air Quality System (AQS).

MQOs are based on confidence intervals. A confidence interval is a measurement of how accurate the measurement is. There is a difference between the biases being 5 percent $\pm$ 10 percent as compared to the bias being 5 percent $\pm$ 1 percent. Close attention to these intervals can be helpful in preventing data loss and providing decision makers greater confidence in the data and their decisions.

The assessment is divided into four categories: **Automated Data**, **Manual Data**, **Meteorological Data**, and **Washington Air Quality Advisory (WAQA) Data**, and subdivided into monitoring methods specifying allowable uncertainty levels required to meet the DQOs.

Automated, manual, and meteorological data are collected using EPA-tested and approved instruments that directly support rulemaking, enforcement, regulatory, or policy decisions. The data also support research projects of significant national interest requiring the most formal DQOs, including detailed and rigorous quality control (QC) and quality assurance (QA) for legal and scientific defensibility. Most instruments used in the collection of automated and manual data are listed as FEM or FRM.

Data used for the National Air Monitoring Strategy require, at a minimum, routine QC and QA checks as required in the CFR. Results from these checks are entered into the EPA AQS database and aggregated on quarterly, annual, and three-year intervals to assess precision and bias on a state and national level.

WAQA and Air Quality Index (AQI) data are collected with a mix of monitors that include some non-FRM/FEM instruments to report air quality to the public in near-real-time. However, one should use non-FRM/FEM data with caution when making decisions as there can be a greater degree of error inherent in the data.

2.1. Automated data

Data collected by instruments that continuously measure the ambient air are referred to as Automated Data. Automated instruments are designed to measure specific pollutants, including ozone (O₃), carbon monoxide (CO), nitric oxide (NO), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), and fine and coarse particulate matter (PM_{2.5} and PM₁₀, respectively). Instrument calibrations are checked on a routine basis and the results are used to determine the quality of the data.

Data Quality Indicators for Gaseous Pollutants

- One-Point QC Precision Estimate for Gaseous Pollutants (CV%)

On a routine basis, QC checks are performed on the station analyzer to determine the calibration drift of the instrument. The analyzer is challenged with gases traceable to National Institute of Standards and Technology (NIST) standards and the difference between the two is recorded by a data acquisition system and submitted to AQS.

To determine the measure of mutual agreement among the QC checks, the coefficient of variation CV% (precision estimate) is calculated every quarter as described in the Monitoring Rule to assess the precision of the instrument. Slight variations in the precision are acceptable provided the data is not biased too high or low. Large variations in precision are unacceptable and must be corrected.

- Bias Estimate (Bias)

The bias estimate is the systematic difference (or noticeable jump) of the expected concentrations and the measured concentrations over time, in percentage. As described in the Monitoring Rule, bias estimates are calculated to determine if there is a systematic or persistent distortion of the data, which causes error in one direction. A positive (+) bias indicates that the instrument is measuring above the actual (true) value. A negative (-) bias indicates that the instrument is measuring below the actual value. A “±” symbol represents the instrument “straddles the line” and is neither biased positive nor negative.

A continued bias in an instrument close to either side of “true value” is acceptable. However, a continued bias approaching the limits on the MQOs should be corrected before variations in the precision result in the instrument failing to meet the MQOs.

The one-point QC checks are submitted to AQS and aggregated by quarter, annual, and three-year periods to determine if the DQOs are being met on a national level.

- Completeness (% Valid Data)

Completeness is a term used to describe, in percentage, the actual amount of data (averaged in hours) collected compared to what was expected. The percentage of valid data is a critical measure of representativeness of the data obtained from a monitoring instrument in the calendar quarter or year to determine if the DQOs were met. Loss of data occurs on occasion and may be a result of a calibration error, malfunction, power loss, telemetry communications, or operator error. The AQP data completeness goal is that at least **80** percent of the expected data be collected each calendar quarter.

- Annual Performance Evaluations

Performance evaluations are independent evaluations of the monitoring site operations conducted by AQP QA personnel. Site evaluations are performed at all automated, manual, and meteorological monitoring sites and concerns noted. The primary purpose of the evaluation is to provide an independent check to determine if the checks made by QA personnel agree with previous QC checks made at the site by automated or manual checks. A large difference between the two may indicate an instrument or systematic problem.

2.1.1. Ozone (O₃)

The MQO for the measurement of ozone is the precision estimate (CV%) and bias be within ± 7 percent.

Table 1: DQI Results for Ozone Analyzers in Percentage

Location	AQS Number	CV%	Bias	% Valid Data
Anacortes	530570011	*	*	*
Cheeka Peak	530090013	1.35	- 1.06	94
Cheney	530630001	*	*	*
Custer	530730005	*	*	*
Enumclaw	530330023	*	*	*
Greenbluff	530630046	*	*	*
Issaquah	530330010	*	*	*
Kennewick, S. Clodfelter	530050003	*	*	*
Mt. Rainier, JVC	530530012	1.85	1.91	82
North Bend	530330017	*	*	*
Seattle, Beacon Hill (BH)	530330080	1.10	± 1.02	91
Vancouver	530110011	*	*	*
Yelm	530670005	*	*	*
* Seasonal monitor (May–September)				

Annual Performance Evaluations for Ozone

An evaluation involves an independent assessment by AQP QA personnel who use independent equipment to challenge the station analyzer with gas concentrations at levels that best reflect ambient concentrations observed at the monitoring site. The difference is compared between the actual ozone concentrations (generated by the QA personnel equipment) against the station analyzer response. Two independent assessments are performed each year and the observations at each test level are averaged by year.

The analyzers are challenged with independent gas concentrations (Levels 2–6) to best reflect ambient concentrations observed at the monitoring site. The MQO for audit results is that the difference be within ± 15 percent for Levels 3–6 and within ± 1.5 ppb or ± 15 percent for Levels 1–2.

Table 2: Performance Evaluation Results for Ozone Analyzers in Percentage

Location	Level 1 4–6 ppb	Level 2 6–20 ppb	Level 3 20–40 ppb	Level 4 40–70 ppb	Level 5 70–90 ppb	Level 6 90–120 ppb
Anacortes	*	*	*	*	*	*
Cheeka Peak	*	*	*	*	*	*

Location	Level 1 4–6 ppb	Level 2 6–20 ppb	Level 3 20–40 ppb	Level 4 40–70 ppb	Level 5 70–90 ppb	Level 6 90–120 ppb
Cheney	*	*	*	*	*	*
Custer	*	*	*	*	*	*
Enumclaw	*	*	*	*	*	*
Greenbluff	*	*	*	*	*	*
Issaquah	*	*	*	*	*	*
Kennewick, S. Clodfelter	*	*	*	*	*	*
Mt. Rainier, JVC	*	*	*	*	*	*
North Bend	*	*	*	*	*	*
Seattle, BH	*	*	*	*	*	*
Vancouver	*	*	*	*	*	*
Yelm	*	*	*	*	*	*
* No evaluation performed during this quarter.						

2.1.2. Carbon monoxide (CO)

The MQO for the measurement of CO at the NCore (NC) sites is that the relative precision (CV%) and bias be within ± 15 percent. For instruments measuring CO for NAAQS attainment (Seattle, 10th & Weller), the relative precision (CV%) and bias must be within ± 10 percent. The table below represents the average precision and bias of the CO instruments in the Washington Network.

Table 3: DQI Results for CO Analyzers in Percentage

Location	AQS Number	CV%	Bias	% Valid Data
Cheeka Peak (NC)	530090013	2.73	3.71	88
Seattle, BH (NC)	530330080	2.07	- 2.23	99
Seattle, 10th & Weller (near-road)	530330030	3.94	± 3.47	96

Annual Performance Evaluations for CO

An evaluation involves an independent assessment by AQP QA personnel who use independent equipment to challenge the station analyzer with gas concentrations at levels that best reflect ambient concentrations observed at the monitoring site. The difference is compared between the actual CO concentrations (generated by the QA personnel equipment) against the station analyzer response.

The NCore and near-road instruments are challenged with independent gas concentrations (Levels 1–5) to best reflect ambient concentrations observed at the monitoring sites. The MQO

for performance evaluation results is that the difference be within ± 15 percent for Levels 3–8 and within ± 30 ppb or ± 15 percent for Levels 1–2.

Table 4: Performance Evaluation Results for CO Analyzers in Percentage

Location	Level 1 20–59 ppb	Level 2 60–199 ppb	Level 3 200–899 ppb	Level 4 900– 2999 ppb	Level 5 3000– 7999 ppb	Level 6 8000– 15999 ppb	Level 7 16000– 30999 ppb
Cheeka Peak (NC)	*	*	*	*	*	*	*
Seattle, BH (NC)	*	*	*	*	*	*	*
Seattle, 10th & Weller	*	*	*	*	*	*	*
* No evaluation performed during this quarter.							

2.1.3. Sulfur dioxide (SO₂)

The MQO for the measurement of SO₂ is the relative precision (CV%) and bias be within ± 10 percent.

Table 5: DQI Results for SO₂ Analyzers in Percentage

Location	AQS Number	CV%	Bias	% Valid Data
Anacortes	530570011	---	---	---*
Cheeka Peak	530090013	0.99	- 1.46	91
Ferndale, Kickerville	530730013	2.05	- 5.00	91
Ferndale, Mtn. View Rd.	530730017	0.63	2.20	98
Malaga	530070012	1.40	- 1.19	97
Seattle, BH	530330080	0.76	2.30	96
* Monitor taken offline for site reconstruction. A new location has been identified and installation is pending. Extended down time partly due to COVID-19.				

Annual Performance Evaluations for SO₂

An evaluation involves an independent assessment by AQP QA personnel who use independent equipment to challenge the station analyzer with gas concentrations at levels that best reflect ambient concentrations observed at the monitoring site. The difference is compared between the actual SO₂ concentrations (generated by the QA personnel equipment) against the station analyzer response.

The analyzers are challenged with independent gas concentrations (Levels 1–6) to best reflect ambient concentrations observed at the monitoring site. The MQO for performance evaluation results is that the difference be within ± 15 percent for Levels 3–6 and within ± 1.5 ppb or ± 15 percent for Levels 1–2.

Table 6: Performance Evaluation Results for SO₂ Analyzers in Percentage

Location	Level 1 10.3–2.9 ppb	Level 2 3–4.9 ppb	Level 3 5–7.9 ppb	Level 4 8–19.9 ppb	Level 5 20–49.9 ppb	Level 6 50–99.9 ppb
Anacortes	*	*	*	*	*	*
Cheeka Peak	*	*	*	*	*	*
Ferndale, Kickerville	*	*	*	*	*	*
Ferndale, Mtn. View Rd.	*	*	*	*	*	*
Malaga	*	*	*	*	*	*
Seattle, BH	*	*	*	*	*	*
* No evaluation performed during this quarter.						

2.1.4. Nitrogen dioxide (NO₂)

The MQO for the measurement of NO₂ is the relative precision (CV%) and bias be within ± 15 percent.

Table 7: DQI Results for NO₂ Analyzers in Percentage

Location	AQS Number	CV%	Bias	% Valid Data
Seattle, 10th & Weller	530330030	0.87	- 1.95	96
Seattle, BH	530330080	1.15	1.88	98
Tacoma, S 36th St.	530530024	1.52	1.77	97

Annual Performance Evaluations for NO₂

An evaluation involves an independent assessment by AQP QA personnel who use independent equipment to challenge the station analyzer with gas concentrations at levels that best reflect ambient concentrations observed at the monitoring site. The difference is compared between the actual NO₂ concentrations (generated by the QA personnel equipment) against the station analyzer response.

The analyzers are challenged with independent gas concentrations (Levels 1–6) to best reflect ambient concentrations observed at the monitoring site. The MQO for performance evaluation results is that the difference be within ± 15 percent for Levels 3–7 and within ± 1.5 ppb or 15 percent for Levels 1–2.

Table 8: Performance Evaluation Results for NO₂ Analyzers in Percentage

Location	Level 1 0.3–2.9 ppb	Level 2 3–4.9 ppb	Level 3 5–7.9 ppb	Level 4 8–19.9 ppb	Level 5 20–49.9 ppb	Level 6 50–99.9 ppb	Level 7 100–299.9 ppb
Seattle, 10th & Weller, near-road	*	*	*	*	*	*	*
Seattle, BH	*	*	*	- 11.54	- 5.78	- 2.11	*

Location	Level1 0.3–2.9 ppb	Level2 3–4.9 ppb	Level3 5–7.9 ppb	Level4 8–19.9 ppb	Level5 20–49.9 ppb	Level6 50–99.9 ppb	Level7 100–299.9 ppb
Tacoma, S 36th St.	*	*	*	*	*	*	*
* No evaluation performed during this quarter.							

2.1.5. Trace nitric oxide (trace NO)

The MQO for the measurement of trace NO is the relative precision (CV%) and bias be within ± 15 percent. Note that the sites listed here use reactive nitrogen oxides (NO_y) analyzers to measure low ambient NO and NO_y concentrations as part of the NCore network. Reported CV% and bias are based on the NO channel of the NO_y analyzer per EPA requirements.

Table 9: DQI Results for NO_y Analyzers in Percentage

Location	AQS Number	CV%	Bias	% Valid Data
Cheeka Peak	530090013	4.55	- 5.29	89
Seattle, BH	530330080	1.26	1.75	91

Annual Performance Evaluations for trace NO

The MQO for performance evaluation results is that the difference within ± 15 percent for Levels 3–7 and within ± 1.5 ppb or ± 15 percent for Levels 1–2.

Table 10: Performance Evaluation Results for NO_y Analyzers in Percentage

Location	Level1 0.3–2.9 ppb	Level2 3–4.9 ppb	Level3 5–7.9 ppb	Level4 8–19.9 ppb	Level5 20–49.9 ppb	Level6 50–99.9 ppb	Level7 100–300 ppb
Cheeka Peak	*	*	*	*	*	*	*
Seattle, BH	*	*	*	*	*	*	*
* No evaluation performed during this quarter.							

Data Quality Indicators for Particulate Pollutants

- One-Point QC Precision Estimate for Particulate Pollutants (Average % D)

Every 30 days, a one-point flow rate verification (QC check) is performed on particulate instruments by measuring the actual and indicated flow of the instrument. The actual instrument flow is measured by the station operator using NIST-traceable standards. The difference between the actual flow and the indicated instrument flow is calculated and recorded by the station operator and submitted to the AQS.

- One-Point Flow Rate Bias Estimate (Bias)

The bias estimate is the systematic difference of the expected flows and the measured flows over time, in percentage. As described in the Monitoring Rule, bias estimates are calculated to

determine if there is a systematic or persistent distortion of the data, which causes error in one direction.

Instrument flow rates can fluctuate over time. Therefore, a one-point flow rate verification (QC check) on the instrument is required every 30 days. The objective of the QC check is to measure the true flow rate of the instrument, using NIST traceable standards, while recording the indicated flow rate of the instrument. A positive (+) bias indicates that the instrument flow rates are operating above the actual (true) value while a negative (-) bias indicates that the instrument's flow rate is below the actual value. A "±" symbol indicates that the instrument "straddles the line" and is neither positively nor negatively biased. The checks are aggregated by quarter, annual, and 3-year periods.

- Semi-Annual Flow Rate Audits (Audit % D)

In addition to monthly QC checks, QA personnel on a semi-annual basis perform an independent flow rate audit. The objective of the auditor is to measure the actual flow rate of the instrument using an independent, NIST-traceable standard, while recording the indicated flow rate of the instrument. The deviation between the two flows is calculated, recorded, and submitted to AQS.

2.1.6. Fine particulate matter (PM_{2.5} FEM – Continuous)

The MQO for the measurement of PM_{2.5} using an FEM instrument is that bias and precision (Average % D) be within ± 4 percent. Audit results (Audit % D) must be within ± 4 percent and the Design Flow must be within ± 5 percent.

Table 11: DQI Results for Continuous FEM PM_{2.5} Monitors in Percentage

Location	AQS Number	Average % D	Bias	Audit % D	% Valid Data
Anacortes (BAM 1020)	530570011	---	---	*	---↑
Bellingham (BAM 1020)	530730019	- 0.57	± 2.38	3.73	74±
Bremerton (BAM 1020)	530350007	- 1.62	- 1.96	*	100
Colville (BAM 1020)	530650005	0.00	± 0.71	*	99
Darrington (BAM 1020)	530610020	- 0.79	- 1.36	- 0.60	100
Ellensburg (BAM 1020)	530370002	- 0.60	- 0.60	- 0.60	93
Kent (BAM 1020)	530332004	0.15	± 0.51	*	100
Marysville (BAM 1020)	530611007	- 1.32	- 2.35	0.60	100
Omak (BAM 1020)	530470013	- 0.79	- 1.36	0.60	100
Seattle, 10th & Weller (BAM 1020)	530330030	0.01	± 1.40	*	100
Seattle, BH (BAM 1020)	530330080	1.62	2.22	1.21	99
Seattle, Duwamish (BAM 1020)	530330057	- 1.18	- 1.18	*	100
Spokane, Augusta (BAM 1020), discontinued 3/31/21	530630021	- 0.12	± 0.79	0.60	99

Location	AQS Number	Average % D	Bias	Audit % D	% Valid Data
Spokane, Broadway (BAM 1020), established 1/1/21	530630017	- 0.60	-0.60	0.00	100
Tacoma, S. 36th St. (BAM 1020, primary)	530530024	0.00	± 0.00	*	100
Tacoma, S. 36th St. (BAM 1020, collocated)	530530024	- 0.20	± 0.78	*	100
Tacoma, S. L St. (BAM 1020)	530530029	- 0.45	- 0.80	*	100
Toppenish (BAM 1020)	530770015	0.00	± 0.00	1.82	83
Vancouver 84th Ave. (BAM 1020)	530110024	- 3.09	- 4.53	- 0.60	100
Yakima S. 4th Ave. (BAM 1020)	530770009	0.40	± 1.58	0.60	100
* No evaluation performed during this quarter. † Monitor taken offline for site reconstruction. A new location has been identified and installation is pending. Extended down time partly due to COVID-19. ‡ Quality control check failure. The instrument has been recalibrated.					

2.1.7. Particulate matter (PM₁₀ FEM – Continuous)

The MQO for the measurement of PM₁₀ using an FEM instrument is that total bias be within ± 10 percent; precision (Average % D) and performance evaluation results (Audit % D) be within ± 4 percent.

Table 12: DQI Results for Continuous FEM PM₁₀ Monitors in Percentage

Location	AQS Number	Average % D	Bias	Audit % D	% Valid Data
Burbank (BAM 1020)	530710006	0.11	± 0.66	*	95
Colville, E. 1st St. (BAM1020)	530650005	0.40	± 0.99	*	99
Kennewick (BAM1020)	530050002	0.75	± 2.21	*	100
Spokane, Augusta (1400 TEOM), discontinued 3/31/21	530630021	0.65	± 1.86	0.00	99
Spokane, Broadway (BAM 1020), established 3/23/21	530630017	1.22	1.22	- 0.06	95
Yakima S. 4th Ave. (BAM1020)	530770009	- 0.19	± 1.57	1.44	100
* No evaluation performed during the quarter.					

2.2. Manual data

Manual data refers to filter-based monitoring methods, which require an operator to physically install and retrieve sample filters. Particulate matter is collected on a sample filter over a 24-hour period. After sampling has been completed, sample filters are collected by the operator and sent to the Manchester Environmental Laboratory for gravimetric analysis. Depending on the

method used at the monitoring site, the instrument is designed to selectively collect particulate matter at a specific flow rate on scheduled days. Note that this method for PM_{2.5} monitoring is now designated as Class I FEM with the configuration of a BGI VSCC™ PM_{2.5} size separator per CFR 40 Part 50 Appendix L.

- One-Point QC Precision Estimate for Particulate Pollutants (Average % D)

Monthly QC checks are performed on the instrument by monitoring personnel. The difference between the actual flow and the indicated instrument flow is calculated, recorded, and submitted into the AQS.

- One-Point Flow Rate Bias Estimate (Bias)

Manual data monitoring methods require accurate flow rate measurements in order to accurately determine pollutant concentrations. Particulate matter concentrations are calculated by the mass of the sample on a filter divided by the volume of air. The volume of air is calculated by the flow rate of the instrument over the elapsed sampling time. Instruments are calibrated to operate at a designed flow rate. Differences in flow rates affect actual concentrations. Figure 1 illustrates how a four percent difference in flow rate impacts the actual concentration of a PM_{2.5} sample.

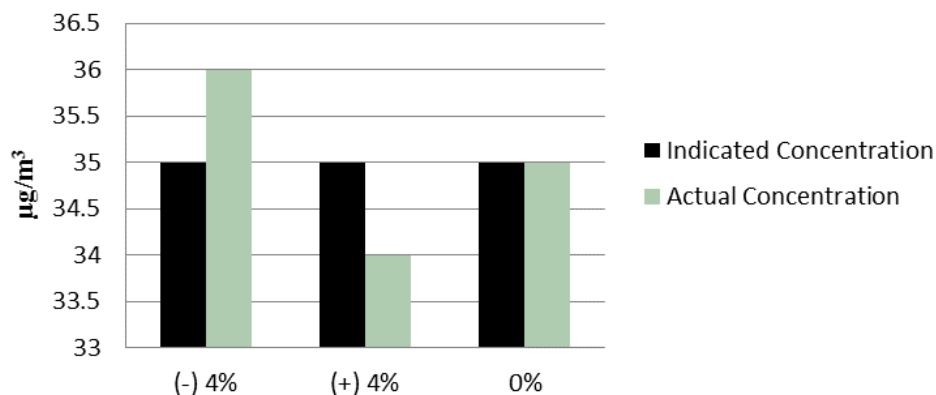


Figure 1: Graph illustrating how flows impact actual concentrations

Instrument flow rates can fluctuate over time. Therefore, a one-point flow rate verification (QC check) on the instrument is required every 30 days. The objective of the check is to measure the true flow rate of the instrument using NIST-traceable standards while recording the indicated flow rate of the instrument. The difference between the two is calculated in percentage to determine how “true” the indicated flow is. A positive (+) bias indicates that the instrument flow rate over time is operating above the actual (true) value. A negative (-) bias represents the instrument's flow rate is below the actual value. A “±” symbol represents the instrument “straddles the line” and is neither positively nor negatively biased.

- Semi-Annual Flow Rate Audits (Audit % D)

In addition to monthly QC checks, QA personnel on a semi-annual basis perform an independent flow rate check. The objective of the auditor is to measure the actual flow rate of the instrument

using independent NIST traceable standards while recording the indicated flow rate of the instrument. The deviation between the two flows is then calculated and submitted to the AQS.

2.2.1. Fine particulate matter (PM_{2.5} Class I FEM – 24-hour)

The MQO for the measurement of PM_{2.5} using Class I FEM manual, filter-based sampling is that total bias be within ± 10 percent; precision (Average % D) and performance evaluation results (Audit % D) be within ± 4 percent.

Table 13: DQI Results for FEM PM_{2.5} Samplers in Percentage

Location	AQS Number	Average % D	Bias	Audit % D	% Valid Data
Seattle, BH	530330080	- 1.75	- 1.95	*	97
Tacoma, S. L St.	530530029	- 1.02	- 1.36	0.00	98
Tacoma, S. L St. (collocated)	530530029	- 0.77	- 1.06	- 0.66	100
Yakima, S. 4th Ave.	530770009	0.56	± 2.83	1.65	97
* No evaluation performed during the quarter.					

Precision Estimate for Manual and Continuous Collocated Samples (PM_{2.5})

Precision for manual and automated particulate method sampling is estimated using collocated sampling. Unlike the gaseous criteria, pollutants where one can use a standard of a known concentration to estimate instrument precision, duplicate measurements are made on-site for comparison. The precision (CV %) should be within ± 10 percent. Note that the relatively low ambient PM_{2.5} concentrations and the limited number of collected samples (every 12 days) at Tacoma South L St. may yield high imprecision that can be challenging to meet the recommended acceptance range.

Table 14: Precision Estimates for Collocated Samplers in Percentage

Location	EPA Method-Parameter	AQS Number	CV%
Tacoma, S. L St.	145 - FEM (24-hour) PM _{2.5}	530530029	11.62

2.2.2. PM_{2.5} chemical speciation network

The Chemical Speciation Network (CSN) is a national network of sites used to determine, over a period of several years, trends in concentration levels of selected ions, metals, carbon species, and organic compounds in PM_{2.5}. Flow checks are performed by station operators every 30 days and submitted to a national repository contracted by OAQPS.

In addition to monthly QC checks, QA personnel on a semi-annual basis perform an independent flow rate audit. The primary objective of the audit is to measure the true flow rate of the instrument using independent, NIST-traceable, standards while recording the indicated flow rate of the instrument. The deviation between the two flows is calculated. The MQO for the CSN is that the results be within ± 10 percent. Note that the Beacon Hill station is equipped with a Super SASS sampler that uses two extra flow channels.

Table 15: Audit Results for Speciation Samplers in Percentage

Location	AQS Number	SASS CH 1 Audit % D	SASS CH 2 Audit % D	SASS CH 3 Audit % D	SASS CH 4 Audit % D	URG Audit % D
Seattle, 10th & Weller	530330030	*	*	---	---	*
Seattle, BH	530330080	- 3.23	- 2.30	- 2.02	- 1.96	0.78
Seattle, Duwamish	530330057	*	*	---	---	*
Tacoma, S. L St.	530530029	*	*	---	---	1.43
Tacoma, Alexander Ave.	530530031	*	*	---	---	*
Yakima S. 4th Ave.	530770009	- 2.05	0.30	---	---	4.13
* No evaluation performed during this quarter.						

2.3. Meteorological data

To ensure data of sufficient quality for modeling applications and permitting use, EPA guidelines for continuous monitoring for Prevention of Significant Deterioration (PSD) are followed for wind speed (WS), wind direction (WD), ambient temperature, ambient pressure (PA) and relative humidity (RH).

Table 16: Data Capture for Meteorological Parameters

Location	AQS Number	WS	WD	AT	PA	RH
Burbank	530710006	99	99	100	---	---
Cheeka Peak	530090013	96	96	97	97	97
Colville, E 1st St.	530650005	99	99	99	---	---
Enumclaw	530330023	99	99	99	---	---
Ferndale, Mtn. View Rd.	530730017	100	100	100	---	---
Kennewick	530050002	100	100	100	---	---
Malaga	530070012	100	100	100	---	---
North Bend	530330017	---*	---*	99	---	---
Omak	530470013	100	100	100	---	---
Quincy	530251003	100	100	100	---	---
Seattle, 10th & Weller	530330030	100	100	100	---	---
Seattle, BH	530330080	100	100	100	100	100
Spokane, Augusta	530630021	99	99	99	---	---
Tacoma, 36th St.	530530024	100	100	100	---	---
Toppenish	530770015	100	100	100	---	---
Vancouver, Blairmont	530110011	---†	---†	93	---	---
Wenatchee	530070011	100	100	100	---	---

Location	AQS Number	WS	WD	AT	PA	RH
White Swan	530770016	--- [§]	--- [§]	56 [§]	---	---
* Wind channels temporarily offline since the station no longer meets siting criteria due to nearby housing construction. A new location has been identified and installation is pending, partly delayed due to COVID-19 and Ecology staff vacancy. ‡ Wind channels temporarily offline for site reconstruction. § Vane misalignment due to bent tower. A new tower installation remains suspended due to COVID-19 and Ecology staff vacancy. Temperature channel was offline until operator relocated the probe to 2-meter height and verified device performance with quality control check.						

2.4. Washington Air Quality Advisory data

2.4.1. Light scattering of fine particulates (nephelometer)

The AQP uses a large network of instruments to report PM_{2.5} air pollution information to the public in near real-time via its WAQA that can be found on its public website. The majority of these instruments (nephelometers) measure light scattering of particulates, not PM_{2.5} directly. Ecology and its partners follow EPA guidance to use nephelometers to report “FRM-like” PM_{2.5} data. Because nephelometers are not an FRM or FEM, PM_{2.5} data collected using nephelometers cannot be used for NAAQS compliance determinations. The data are displayed in near real-time on Ecology and EPA websites for public information.

Table 17: Completeness Results for Nephelometers

Location	AQS Number	% Valid Data
Aberdeen	530272002	100
Auburn,	530330047	95
Bellevue, 12th St.	530330031	100
Cheeka Peak	530090013	97
Chehalis	530410004	95
Chelan	530070007	100
Clarkston	530030004	84
Colville	530650005	99
Dayton	530130002	100
Ellensburg	530370002	100
Kennewick	530050002	100
Lacey	530670013	99
LaCrosse	530750005	100
Lake Forest Park	530330024	99
Leavenworth	530070010	100

Location	AQS Number	% Valid Data
Longview	530150015	100
Mesa	530210002	100
Moses Lake	530251002	92
Mount Vernon	530570015	45*
Neah Bay	530090015	100
Newport	530510008	100
North Bend	530330017	99
Pomeroy	530230001	99
Port Angeles	530090017	100
Pt. Townsend	530310003	93
Pullman	530750003	100
Quincy	530251003	100
Ritzville	530010003	100
Rosalia	530750006	100
Seattle, South Park	530331011	100
Shelton	530450007	100
Spokane, Monroe	530630047	100
Sunnyside	530770005	93
Tacoma, Alexander Ave.	530530031	100
Taholah	530270011	99
Tukwila	530330069	99
Tulalip	530610021	85
Twisp, Ewell St.	530470016	99
Walla Walla	530710005	100
Wellpinit	530650002	100
Wenatchee, 5th St.	530070011	100
White Swan	530770016	56†
Winthrop	530470010	100
Yacolt	530110022	95
* Nephelometer failure. A new nephelometer has been installed and recalibrated. † Power outage and quality control check failure. Power has been restored and the nephelometer has been recalibrated. Note: No QA evaluations are performed on nephelometers. The quality of the data is not assessed.		

ACTION

ITEMS



*Yakima Regional Clean Air Agency
186 Iron Horse Court, Suite 101
Yakima, WA 98901
(509) 834-2050, Fax (509) 834-2060
yakimacleanair.org*

Executive Memorandum

Date of Release: September 2, 2021
Date of Consideration: September 9, 2021
To: YRCAA Board of Directors
From: Office of the Executive Director
Subject: Fiscal Program Report

Issue:
Fiscal Reports

Discussion:

June, July, and August 2021 Accounts Payable (AP) and Payroll Authorizations are enclosed for your approval. The Budget Verification Analysis (BVA) and Supplemental Income documents are included as informational items.

Recommendation:

Accept and approve by minute action the June, July and August 2021 AP Fiscal Vouchers, totaling \$58,574.17, and the June, July and August 2021 Payroll Authorizations, totaling \$181,864.13.

Encl. 4



June 15, 2021

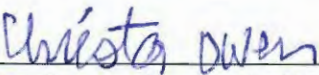
Fund 614-6140 YRCAA
Fund 614-1410 Enterprise

<u>Name</u>	<u>Warrant/MICR #</u>	<u>GL #</u>	<u>Amount</u>	<u>Date</u>
Alliant Communications	34766	4101	\$ 405.00	6/16/2021
Armstrong's Stove & Spa Yakima*	34767	4105	\$ 4,169.88	6/16/2021
Cascade Natural Gas	34768	4701	\$ 45.09	6/16/2021
Coleman Oil Company	34769	3201	\$ 187.88	6/16/2021
DeVries Information Management	34770	4101	\$ 16.00	6/16/2021
Iron Horse Real Estate & Property Mgt	34771	4501	\$ 4,741.89	6/16/2021
Nth Degree Environmental Engineering Sol	34772	4101	\$ 1,200.00	6/16/2021
Pitney Bowes Global Financial Services	34773	4501	\$ 242.58	6/16/2021
Sunnyside Sun	34774	4401	\$ 38.75	6/16/2021
Verizon Wireless	34775	4201	\$ 338.52	6/16/2021
YRCAA	34776	4901	\$ 114.63	6/16/2021
Yakima County Financial Services	34777	4192	\$ 122.75	6/16/2021
Yakima County Public Services	34778	4701	\$ 20.91	6/16/2021
Yakima Herald Republic	34779	4401	\$ 105.50	6/16/2021

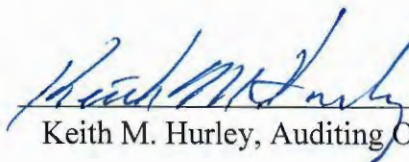
\$ 11,749.38***Reimbursement from Grant******NOC/Enterprise**

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: **\$ 11,749.38**


Christa Owen, Alternate Auditing Officer 6/16/2021

Jon DeVaney, Board Chairman 8/12/2021


Keith M. Hurley, Auditing Officer 6/16/2021



June 29, 2021

Fund 614-6140 YRCAA
Fund 614-1410 Enterprise

<u>Name</u>	<u>Warrant/MICR #</u>	<u>GL #</u>	<u>Amount</u>	<u>Date</u>
Abadan Reprographics	34780	4801	\$ 90.31	6/30/2021
Alliant Communications	34781	4101	\$ 316.71	6/30/2021
Charter Communications	34782	4201	\$ 697.86	6/30/2021
Pamela Herman	34783	4101	\$ 150.00	6/30/2021
KeyBank**	34784	Various	\$ 953.72	6/30/2021
Nth Degree Environmental Sol	34785	4101	\$ 1,800.00	6/30/2021
Pacific Power	34786	4701	\$ 264.47	6/30/2021
YRCAA	34787	4901	\$ 504.04	6/30/2021
Yakima Herald Republic	34788	4401	\$ 100.23	6/30/2021

\$ 4,877.34***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: **\$ 4,877.34**

Christa Owen
Christa Owen, Alternate Auditing Officer 6/30/2021

Jon DeVaney, Board Chairman 8/12/2021

Keith M. Hurley 6/30/2021
Keith M. Hurley, Auditing Officer

AUTHORIZATION FOR ELECTRONIC FUNDS TRANSFER

Direct Deposit Payroll & Payroll Taxes

Date: 6/29/2021

District: Yakima Regional Clean Air Agency

Contact Person: Christa Owen

Address: 186 Iron Horse Ct. #101, 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

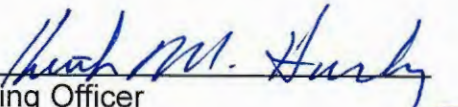
Bank Account Number: XXXXXXXXXX

Payroll Date: July 1, 2021

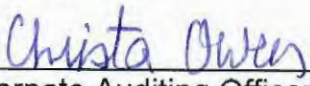
Transfer Amount(s): \$ 58,180.31

Total Amount of Electronic Transfer: \$ 58,180.31

Authorizing Signatures (No facsimile signatures accepted.):


Auditing Officer

Chairman Board of Directors


Alternate Auditing Officer

Date June 29, 2021

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



July 16, 2021

Fund 614-6140 YRCAA
Fund 614-1410 Enterprise

<u>Name</u>	<u>Warrant/MICR #</u>	<u>GL #</u>	<u>Amount</u>	<u>Date</u>
Alliant Communications	34789	4101	\$ 351.55	7/19/2021
Cascade Natural Gas Corporation	34790	4701	\$ 13.00	7/19/2021
Coleman Oil Company	34791	3201	\$ 128.74	7/19/2021
Cuillier Law Office	34792	4101	\$ 93.00	7/19/2021
Invisible Ink	34793	4101	\$ 90.00	7/19/2021
Iron Horse Real Estate & Property Mgt	34794	4501	\$ 4,741.89	7/19/2021
Pitney Bowes Reserve Account**	34795	4202	\$ 490.00	7/19/2021
Sunnyside Sun	34796	4401	\$ 34.88	7/19/2021
Terrace Heights Sewer District	34797	4701	\$ 100.00	7/19/2021
Verizon Wireless	34798	4201	\$ 343.93	7/19/2021
YRCAA	34799	4901	\$ 728.70	7/19/2021
Yakima County Financial Services	34800	4192	\$ 122.75	7/19/2021
Yakima County Public Services	34801	4701	\$ 20.81	7/19/2021

\$ 7,259.25***Reimbursement from Grant******NOC/Enterprise**

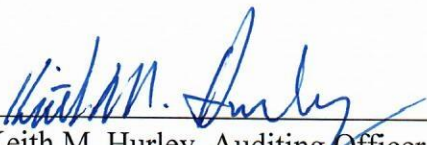
This is to certify that the invoices and warrants above for the Yakima Regional Clean Air Agency have been examined, audited and approved by the Alternate Auditing Officer for payment.

Total Amount: **\$ 7,259.25**



Christa Owen, Alternate Auditing Officer 7/19/2021

Jon DeVaney, Board Chairman 8/12/2021



Keith M. Hurley, Auditing Officer 7/19/2021



July 29, 2021

Fund 614-6140 YRCAA
Fund 614-1410 Enterprise

<u>Name</u>	<u>Warrant/MICR #</u>	<u>GL #</u>	<u>Amount</u>	<u>Date</u>
Abadan Reprographics	34802	4801	\$ 87.00	7/30/2021
Charter Communications	34803	4201	\$ 697.86	7/30/2021
KeyBank	34804	Various	\$ 547.24	7/30/2021
Pacific Power	34805	4701	\$ 249.70	7/30/2021
Skaggs Carpet & Furniture Cleaners	34806	4802	\$ 360.00	7/30/2021

\$ 1,941.80***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: **\$ 1,941.80**

Christa Owen
Christa Owen, Alternate Auditing Officer 7/30/2021

Jon DeVaney, Board Chairman 8/12/2021

Keith M. Hurley 7/30/2021
Keith M. Hurley, Auditing Officer

AUTHORIZATION FOR ELECTRONIC FUNDS TRANSFER

Direct Deposit Payroll & Payroll Taxes

Date: 7/29/2021

District: Yakima Regional Clean Air Agency

Contact Person: Christa Owen

Address: 186 Iron Horse Ct. #101, 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: August 2, 2021

Transfer Amount(s): \$ 56,998.11

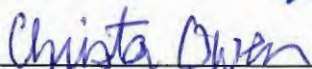
Total Amount of Electronic Transfer: \$ 56,998.11

Authorizing Signatures (*No facsimile signatures accepted.*):



Auditing Officer

Chairman Board of Directors



Alternate Auditing Officer

Date July 29, 2021

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



August 13, 2021

Fund 614-6140 YRCAA
Fund 614-1410 Enterprise

<u>Name</u>	<u>Warrant/MICR #</u>	<u>GL #</u>	<u>Amount</u>	<u>Date</u>
Cascade Natural Gas Corporation	34807	4701	\$ 13.00	8/16/2021
Coleman Oil Company	34808	3201	\$ 145.74	8/16/2021
Cuillier Law Office	34809	4101	\$ 170.50	8/16/2021
Enduris of Washington	34810	4601	\$ 15,720.00	8/16/2021
Engravings Unlimited, Inc.	34811	3101	\$ 26.53	8/16/2021
Invisible Ink	34812	4101	\$ 27.75	8/16/2021
Iron Horse Real Estate & Property Mgt	34813	4501	\$ 4,741.89	8/16/2021
Nth Degree Environmental Engineering Sol	34814	4101	\$ 450.00	8/16/2021
Sousley Sound & Communications	34815	4801	\$ 4,612.09	8/16/2021
Verizon Wireless	34816	4201	\$ 348.33	8/16/2021
YRCAA	34817	4901	\$ 327.94	8/16/2021
Yakima County Financial Services	34818	4192	\$ 122.75	8/16/2021
Yakima County Public Services	34819	4701	\$ 20.69	8/16/2021
Yakima County Sheriff's Department	34820	4101	\$ 144.03	8/16/2021

\$ 26,871.24***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: **\$ 26,871.24**

Christa Owen, Alternate Auditing Officer 8/16/2021

9/9/2021

Jon DeVaney, Board Chairman

8/16/2021

Keith M. Hurley, Auditing Officer



August 30, 2021

Fund 614-6140 YRCAA
Fund 614-1410 Enterprise

<u>Name</u>	<u>Warrant/MICR #</u>	<u>GL #</u>	<u>Amount</u>	<u>Date</u>
Abadan Reprographics	34821	4801	\$ 77.37	8/31/2021
Alliant Communications	34822	4101	\$ 319.14	8/31/2021
Charter Communications	34823	4201	\$ 397.92	8/31/2021
FedEx	34824	4202	\$ 21.44	8/31/2021
KeyBank	34825	Various	\$ 1,050.09	8/31/2021
Pacific Power	34826	4701	\$ 252.12	8/31/2021
Springbrook Holding Company LLC	34827	4101	\$ 3,757.08	8/31/2021

\$ 5,875.16***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: **\$ 5,875.16**

Christa Owen, Alternate Auditing Officer 8/31/2021

9/9/2021

Jon DeVaney, Board Chairman

8/31/2021

Keith M. Hurley, Auditing Officer

AUTHORIZATION FOR ELECTRONIC FUNDS TRANSFER

Direct Deposit Payroll & Payroll Taxes

Date: 8/26/2021

District: Yakima Regional Clean Air Agency

Contact Person: Christa Owen

Address: 186 Iron Horse Ct. #101, 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: September 1, 2021

Transfer Amount(s): \$ 66,685.71

Total Amount of Electronic Transfer: \$ 66,685.71

Authorizing Signatures (*No facsimile signatures accepted.*):

Auditing Officer

Chairman Board of Directors

Christa Owen
Alternate Auditing Officer

Date August 26, 2021

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 2021 Monthly BVA

June 2021 Report Date: July 8, 2021		Budget	Actual Current	Actual Year to Date	Year to Date % of Budget
REVENUE					
REVENUE 614 YRCAA Base Operations					
Stationary Source Permit Fees					
614-32199001	Minor Sources	\$ 158,097	\$ 16,761	\$ 152,752	96.6%
614-32199005	Synthetic Minor Sources	\$ 18,620	\$ 2,660	\$ 18,620	100.0%
614-32199004	Complex Sources	\$ 30,840	\$ 1,285	\$ 28,270	91.7%
614-32290001	Title V Sources	\$ 107,000	\$ -	\$ 119,056	111.3%
614-32190002	New Source Review	\$ 35,500	\$ 2,902	\$ 50,306	141.7%
<i>Subtotal, Stationary Source Permit Fees</i>		<i>\$ 350,057</i>	<i>\$ 23,608</i>	<i>\$ 369,004</i>	<i>105.4%</i>
Burn Permit Fees					
614-32290005	Residential Burn Permits	\$ 60,500	\$ 1,962	\$ 56,193	92.9%
614-32290007	Agricultural Burn Permits	\$ 32,250	\$ 164	\$ 29,755	92.3%
614-32290011	Conditional Use Burn Permits	\$ 2,000	\$ -	\$ 2,398	119.9%
<i>Subtotal, Burn Permit Fees</i>		<i>\$ 93,000</i>	<i>\$ 2,126</i>	<i>\$ 88,346</i>	<i>95.0%</i>
Compliance Fees					
614-32190005	Asbestos Removal Fees	\$ 31,000	\$ 1,321	\$ 23,308	75.2%
614-32199007	Construction Dust Control Fees	\$ 5,000	\$ 482	\$ 8,247	164.9%
<i>Subtotal, Compliance Fees</i>		<i>\$ 36,000</i>	<i>\$ 1,803</i>	<i>\$ 31,555</i>	<i>87.7%</i>
<i>Subtotal, All Permit Fee Revenue</i>		<i>\$ 480,807</i>	<i>\$ 27,537</i>	<i>\$ 488,906</i>	<i>101.7%</i>
Base Grants					
614-33366001	EPA, Core Grant	\$ 106,322	\$ 27,386	\$ 109,544	103.0%
614-33403101	DOE, Core Grant	\$ 76,800	\$ 19,290	\$ 77,160	100.5%
<i>Subtotal, Base Grants</i>		<i>\$ 183,122</i>	<i>\$ 46,676</i>	<i>\$ 186,704</i>	<i>102.0%</i>
Fines & Penalties					
614-35990001	Civil Penalty	\$ 2,500	\$ 2,200	\$ 48,036	
614-35990001	Other Fines	\$ -	\$ -	\$ -	
<i>Subtotal, Fines & Penalties</i>		<i>\$ 2,500</i>	<i>\$ 2,200</i>	<i>\$ 48,036</i>	
Supplemental Income					
614-33831001	Supplemental Income	\$ 102,090	\$ 15,776	\$ 103,753	101.6%
<i>Subtotal, Supplemental Income</i>		<i>\$ 102,090</i>	<i>\$ 15,776</i>	<i>\$ 103,753</i>	<i>101.6%</i>
Other Income					
614-36111001	Interest	\$ 3,500	\$ 272	\$ 4,420	126.3%
614-36990014	Miscellaneous Income	\$ 75	\$ -	\$ 61	80.8%
<i>Subtotal, Other Income</i>		<i>\$ 3,575</i>	<i>\$ 272</i>	<i>\$ 4,481</i>	<i>125.3%</i>
<i>Total YRCAA Base Operations Revenue</i>		<i>\$ 772,094</i>	<i>\$ 92,461</i>	<i>\$ 831,879</i>	<i>107.7%</i>
REVENUE 614 YRCAA Grant Operations					
614-33403105	Wood Stove Ed	\$ 4,588	\$ 1,073	\$ 4,588	100.0%
614-33403108	PM 2.5	\$ 21,050	\$ -	\$ 21,050	100.0%
614-33403107	Woodstove Change-out	\$ 292,334	\$ 3,734	\$ 386,050	132.1%
<i>Total YRCAA Grant Operations Revenue</i>		<i>\$ 317,972</i>	<i>\$ 4,807</i>	<i>\$ 411,688</i>	<i>129.5%</i>
REVENUE Enterprise Operations					
614-34317001	VE Certification Fees	\$ 80,000	\$ 20,868	\$ 74,495	93.1%
614-34317002	Other Enterprise Revenue	\$ -	\$ -	\$ -	
<i>Subtotal, Enterprise Revenue</i>		<i>\$ 80,000</i>	<i>\$ 20,868</i>	<i>\$ 74,495</i>	<i>93.1%</i>
<i>Total Base, Grant and Enterprise Revenue</i>		<i>\$ 1,170,066</i>	<i>\$ 118,136</i>	<i>\$ 1,318,062</i>	<i>112.6%</i>

FY 2021 Monthly BVA

June 2021 Report Date: July 8, 2021	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	\$	424,862	\$	41,380	\$ 447,386 105.3%
614-2002	Benefits	\$	143,785	\$	14,539	\$ 157,190 109.3%
614-1003	Overtime	\$	-	\$	-	\$ - 0.0%
	<i>Subtotal, Salaries</i>	\$	568,647	\$	55,920	\$ 604,575 106.3%

Supplies	
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614-3101	Office Supplies	\$	6,500	\$	98	\$ 6,720 103.4%
614-3101	Safety Equipment	\$	300	\$	-	\$ - 0.0%
614-3201	Vehicles, Gas	\$	1,500	\$	188	\$ 1,199 79.9%
614-3501	Small Tools/Equipment	\$	200	\$	10	\$ 10 4.9%
614-3502	Computer Network	\$	3,000	\$	-	\$ 1,419 47.3%
	<i>Subtotal, Supplies</i>	\$	11,500	\$	296	\$ 9,348 81.3%

Services	
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614-4101	Professional Services	\$	55,000	\$	4,583	\$ 235,996 429.1%
614-4101	Laboratory Analyses	\$	500	\$	-	\$ 50 10.0%
614-4125	Treasurer, Yakima County	\$	900	\$	123	\$ 737 81.8%
614-4201	Communications, Phones/Internet	\$	12,491	\$	1,036	\$ 12,367 99.0%
614-4202	Postage	\$	2,850	\$	-	\$ 1,848 64.9%
614-4301	Travel & Transportation	\$	3,200	\$	-	\$ - 0.0%
614-4401	Public Education Services	\$	2,000	\$	-	\$ 1,500 75.0%
614-4401	Publications, Legal Notices	\$	1,000	\$	244	\$ 687 68.7%
614-4501	Rents & Leases, Equipment	\$	3,294	\$	243	\$ 2,087 63.3%
614-4501	Rents & Leases, Space	\$	53,851	\$	4,742	\$ 57,352 106.5%
614-4601	Insurance	\$	14,124	\$	-	\$ 14,613 103.5%
614-4701	Utilities	\$	4,500	\$	330	\$ 4,384 0.0%
614-4801	Maintenance, Motor Vehicles	\$	1,200	\$	14	\$ 1,989 165.8%
614-4801	Maintenance, Equipment	\$	2,000	\$	90	\$ 1,159 57.9%
614-4801	Maintenance, Computers	\$	750	\$	-	\$ 464 61.9%
614-4801	Maintenance, Building	\$	500	\$	-	\$ 1,007 201.4%
614-4901	Memberships	\$	915	\$	120	\$ 340 37.2%
614-4901	Training	\$	2,500	\$	-	\$ 1,949 78.0%
614-4901	Service Chgs & Interest	\$	6,600	\$	619	\$ 7,498 113.6%
614-4901	Miscellaneous Services	\$	4,000	\$	-	\$ 3,868 96.7%
614-4901	DOE Oversight Fees	\$	4,500	\$	-	\$ 4,600 102.2%
	<i>Subtotal, Services</i>	\$	176,675	\$	12,144	\$ 354,496 200.6%

Capital Out-Lay & Fixed Assets	
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614-6401	Capital Out-Lay/Fixed Assets	\$	-	\$	-	\$ - 0.0%
	<i>Total YRCAA Base Operations Expenses</i>	\$	756,822	\$	68,360	\$ 968,419 128.0%

EXPENSES	
EXPENSES	614 YRCAA Grant Operations
614-33403105 Wood Stove Ed and Enforcement	

Salaries						
614-1001	Salaries	\$	3,399	\$	200	\$ 2,892 85.1%
614-2002	Benefits	\$	1,189	\$	70	\$ 1,016 85.5%
614-1003	Overtime	\$	-	\$	-	\$ - 0.0%
	<i>Subtotal, Salaries</i>	\$	4,588	\$	270	\$ 3,909 85.2%

Supplies	
----------	--

614-3101	Office Supplies	\$	-	\$	-	\$ - 0.0%
	<i>Subtotal, Supplies</i>	\$	-	\$	-	\$ - 0.0%

FY 2021 Monthly BVA

June 2021 Report Date: July 8, 2021		Budget	Actual Current	Actual Year to Date	Year to Date % of Budget
Services					
614-4139	Professional Services	\$ -	\$ -	\$ -	0.0%
614-4202	Postage	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Services</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>0.0%</i>
	<i>Subtotal, Woodstove Grant Expenses</i>	<i>\$ 4,588</i>	<i>\$ 270</i>	<i>\$ 3,909</i>	<i>85.2%</i>
614-33403108 PM2.5					
Salaries					
614-1001	Salaries	\$ 15,270	\$ 1,473	\$ 14,353	94.0%
614-2002	Benefits	\$ 5,780	\$ 518	\$ 5,043	87.3%
614-1003	Overtime	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Salaries</i>	<i>\$ 21,050</i>	<i>\$ 1,991</i>	<i>\$ 19,397</i>	<i>92.1%</i>
Supplies					
614-3101	Office Supplies	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Supplies</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>0.0%</i>
Services					
614-4101	Professional Services	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Services</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>0.0%</i>
Capital Out-Lay & Fixed Assets					
614-6401	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, PM 2.5 Grant Expenses</i>	<i>\$ 21,050</i>	<i>\$ 1,991</i>	<i>\$ 19,397</i>	<i>92.1%</i>
614-33403107 Woodstove Change-out					
Salaries					
614-1001	Salaries	\$ 52,750	\$ -	\$ 34,251	64.9%
614-2002	Benefits	\$ 17,583	\$ -	\$ 12,034	68.4%
614-1003	Overtime	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Salaries</i>	<i>\$ 70,333</i>	<i>\$ -</i>	<i>\$ 46,285</i>	<i>65.8%</i>
Supplies					
614-3101	Office Supplies	\$ 100	\$ -	\$ -	0.0%
	<i>Subtotal, Supplies</i>	<i>\$ 100</i>	<i>\$ -</i>	<i>\$ -</i>	<i>0.0%</i>
Services					
614-4101	Professional Services	\$ 200,630	\$ 4,170	\$ 274,000	136.6%
	<i>Subtotal, Services</i>	<i>\$ 200,630</i>	<i>\$ 4,170</i>	<i>\$ 274,000</i>	<i>136.6%</i>
Capital Out-Lay & Fixed Assets					
614-6401	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Woodstove Change-out Grant Expenses</i>	<i>\$ 271,063</i>	<i>\$ 4,170</i>	<i>\$ 320,285</i>	<i>118.2%</i>
	<i>Total, Grant Operations Expenses</i>	<i>\$ 296,701</i>	<i>\$ 6,431</i>	<i>\$ 343,590</i>	<i>115.8%</i>
EXPENSES 141 Enterprise Operations					
Salaries					
141-1001	Salaries	\$ 12,481	\$ -	\$ 7,564	60.6%
141-2002	Benefits	\$ 4,275	\$ -	\$ 2,658	62.2%
141-1003	Overtime	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Salaries</i>	<i>\$ 16,756</i>	<i>\$ -</i>	<i>\$ 10,221</i>	<i>61.0%</i>

FY 2021 Monthly BVA

June 2021 Report Date: July 8, 2021		Budget	Actual Current	Actual Year to Date	Year to Date % of Budget
Supplies					
141-3101	Office Supplies	\$ 500	\$ 17	\$ 71	14.3%
141-3201	Vehicles, Gas	\$ 1,000	\$ -	\$ 796	79.6%
141-3501	Small Tools/Equipment	\$ 200	\$ -	\$ -	0.0%
<i>Subtotal, Supplies</i>		<i>\$ 1,700</i>	<i>\$ 17</i>	<i>\$ 868</i>	<i>51.0%</i>
Services					
141-4101	Professional Services	\$ 250	\$ -	\$ 640	0.0%
141-4202	Postage	\$ 200	\$ -	\$ 38	0.0%
141-4301	Travel & Transportation	\$ 5,150	\$ -	\$ 3,745	72.7%
141-4501	Rents & Leases, Space	\$ 3,000	\$ -	\$ 1,161	38.7%
141-4801	Maintenance, Motor Vehicles	\$ 500	\$ -	\$ 209	41.8%
141-4801	Maintenance, Equipment	\$ 500	\$ -	\$ 277	55.4%
141-4901	Miscellaneous Services	\$ -	\$ -	\$ -	0.0%
<i>Subtotal, Services</i>		<i>\$ 9,600</i>	<i>\$ -</i>	<i>\$ 6,069</i>	<i>63.2%</i>
Capital Out-Lay & Fixed Assets					
141-4500	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	0.0%
<i>Total Enterprise Operations Expenses</i>		<i>\$ 28,056</i>	<i>\$ 17</i>	<i>\$ 17,158</i>	<i>61.2%</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>\$ 1,295,066</i>	<i>\$ 118,136</i>	<i>\$ 1,443,062</i>	<i>111.4%</i>
<i>Total Expenses, Base, Grants & Enterprise</i>		<i>\$ 1,081,579</i>	<i>\$ 74,807</i>	<i>\$ 1,329,167</i>	<i>122.9%</i>
<i>Fund Balance</i>		<i>\$ 213,487</i>	<i>\$ 43,329</i>	<i>\$ 113,894</i>	
<i>Operating Reserves</i>		<i>\$ 88,487</i>		<i>\$ -</i>	
<i>Estimated Available Fund Balance</i>		<i>\$ 125,000</i>		<i>\$ 113,894</i>	

FY 2022 Monthly BVA

July 2021 Report Date: August 12, 2021		Budget	Actual Current	Actual Year to Date	Year to Date % of Budget
REVENUE					
REVENUE 614 YRCAA Base Operations					
Stationary Source Permit Fees					
614-32190001	Minor Sources	\$ 151,000	\$ -	\$ -	0.0%
614-32190008	Synthetic Minor Sources	\$ 18,620	\$ -	\$ -	0.0%
614-32190006	Complex Sources	\$ 29,555	\$ -	\$ -	0.0%
614-32290001	Title V Sources	\$ 113,000	\$ -	\$ -	0.0%
614-32190002	New Source Review	\$ 37,500	\$ 6,347	\$ 6,347	16.9%
<i>Subtotal, Stationary Source Permit Fees</i>		<i>\$ 349,675</i>	<i>\$ 6,347</i>	<i>\$ 6,347</i>	<i>1.8%</i>
Burn Permit Fees					
614-32290005	Residential Burn Permits	\$ 60,500	\$ 1,296	\$ 1,296	2.1%
614-32290007	Agricultural Burn Permits	\$ 32,250	\$ 299	\$ 299	0.9%
614-32290011	Conditional Use Burn Permits	\$ 1,800	\$ -	\$ -	0.0%
<i>Subtotal, Burn Permit Fees</i>		<i>\$ 94,550</i>	<i>\$ 1,595</i>	<i>\$ 1,595</i>	<i>1.7%</i>
Compliance Fees					
614-32190005	Asbestos Removal Fees	\$ 30,000	\$ 755	\$ 755	2.5%
614-32190009	Construction Dust Control Fees	\$ 5,000	\$ 1,274	\$ 1,274	25.5%
<i>Subtotal, Compliance Fees</i>		<i>\$ 35,000</i>	<i>\$ 2,029</i>	<i>\$ 2,029</i>	<i>5.8%</i>
<i>Subtotal, All Permit Fee Revenue</i>		<i>\$ 479,225</i>	<i>\$ 9,971</i>	<i>\$ 9,971</i>	<i>2.1%</i>
Base Grants					
614-33366001	EPA, Core Grant	\$ 106,322	\$ -	\$ -	0.0%
614-33403101	DOE, Core Grant	\$ 76,800	\$ -	\$ -	0.0%
<i>Subtotal, Base Grants</i>		<i>\$ 183,122</i>	<i>\$ -</i>	<i>\$ -</i>	<i>0.0%</i>
Fines & Penalties					
614-35990001	Civil Penalty	\$ 2,500	\$ 1,260	\$ 1,260	
614-35990001	Other Fines	\$ -	\$ -	\$ -	
<i>Subtotal, Fines & Penalties</i>		<i>\$ 2,500</i>	<i>\$ 1,260</i>	<i>\$ 1,260</i>	
Supplemental Income					
614-33831001	Supplemental Income	\$ 102,830	\$ 11,151	\$ 11,151	10.8%
<i>Subtotal, Supplemental Income</i>		<i>\$ 102,830</i>	<i>\$ 11,151</i>	<i>\$ 11,151</i>	<i>10.8%</i>
Other Income					
614-36111001	Interest	\$ 2,000	\$ 284	\$ 284	14.2%
614-36990014	Miscellaneous Income	\$ 50	\$ 27	\$ 27	54.6%
<i>Subtotal, Other Income</i>		<i>\$ 2,050</i>	<i>\$ 311</i>	<i>\$ 311</i>	<i>15.2%</i>
<i>Total YRCAA Base Operations Revenue</i>		<i>\$ 769,727</i>	<i>\$ 22,693</i>	<i>\$ 22,693</i>	<i>2.9%</i>
REVENUE 614 YRCAA Grant Operations					
614-33403105	Wood Stove Ed	\$ 4,588	\$ -	\$ -	0.0%
614-33403108	PM 2.5	\$ 21,050	\$ -	\$ -	0.0%
614-33403107	Woodstove Change-out	\$ 300,000	\$ -	\$ -	0.0%
<i>Total YRCAA Grant Operations Revenue</i>		<i>\$ 325,638</i>	<i>\$ -</i>	<i>\$ -</i>	<i>0.0%</i>
REVENUE Enterprise Operations					
614-34317001	VE Certification Fees	\$ 80,000	\$ -	\$ -	0.0%
614-34317002	Other Enterprise Revenue	\$ -	\$ -	\$ -	0.0%
<i>Subtotal, Enterprise Revenue</i>		<i>\$ 80,000</i>	<i>\$ -</i>	<i>\$ -</i>	<i>0.0%</i>
<i>Total Base, Grant and Enterprise Revenue</i>		<i>\$ 1,175,365</i>	<i>\$ 22,693</i>	<i>\$ 22,693</i>	<i>1.9%</i>

FY 2022 Monthly BVA

July 2021 Report Date: August 12, 2021	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	\$ 441,546	\$ 40,695	\$ 40,695	9.2%
614-2002	Benefits	\$ 152,717	\$ 14,298	\$ 14,298	9.4%
614-1003	Overtime	\$ -	\$ -	\$ -	0.0%
<i>Subtotal, Salaries</i>		<i>\$ 594,263</i>	<i>\$ 54,993</i>	<i>\$ 54,993</i>	<i>9.3%</i>

Supplies	
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614-3101	Office Supplies	\$ 6,500	\$ 113	\$ 113	1.7%
614-3101	Safety Equipment	\$ 300	\$ -	\$ -	0.0%
614-3201	Vehicles, Gas	\$ 1,500	\$ 129	\$ 129	8.6%
614-3501	Small Tools/Equipment	\$ 200	\$ -	\$ -	0.0%
614-3502	Computer Network	\$ 3,000	\$ -	\$ -	0.0%
<i>Subtotal, Supplies</i>		<i>\$ 11,500</i>	<i>\$ 241</i>	<i>\$ 241</i>	<i>2.1%</i>

Services	
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614-4101	Professional Services	\$ 55,000	\$ 580	\$ 580	1.1%
614-4101	Laboratory Analyses	\$ 500	\$ -	\$ -	0.0%
614-4125	Treasurer, Yakima County	\$ 1,473	\$ 123	\$ 123	8.3%
614-4201	Communications, Phones/Internet	\$ 12,350	\$ 1,042	\$ 1,042	8.4%
614-4202	Postage	\$ 2,000	\$ 561	\$ 561	28.0%
614-4301	Travel & Transportation	\$ 3,200	\$ -	\$ -	0.0%
614-4401	Public Education	\$ 2,000	\$ -	\$ -	0.0%
614-4401	Publications, Legal Notices	\$ 1,000	\$ 35	\$ 35	3.5%
614-4501	Rents & Leases, Equipment	\$ 2,988	\$ -	\$ -	0.0%
614-4501	Rents & Leases, Space	\$ 57,532	\$ 4,742	\$ 4,742	8.2%
614-4601	Insurance	\$ 14,613	\$ -	\$ -	0.0%
614-4701	Utilities	\$ 4,622	\$ 384	\$ 384	8.3%
614-4801	Maintenance, Motor Vehicles	\$ 1,200	\$ -	\$ -	0.0%
614-4801	Maintenance, Equipment	\$ 5,000	\$ 87	\$ 87	1.7%
614-4801	Maintenance, Computers	\$ 750	\$ 316	\$ 316	42.2%
614-4801	Maintenance, Building	\$ 500	\$ 360	\$ 360	72.0%
614-4901	Memberships	\$ 650	\$ 2	\$ 2	0.3%
614-4901	Training	\$ 2,500	\$ -	\$ -	0.0%
614-4901	Service Chgs & Interest	\$ 6,950	\$ 729	\$ 729	10.5%
614-4901	Miscellaneous Services	\$ 4,000	\$ -	\$ -	0.0%
614-4901	DOE Oversight Fees	\$ 4,600	\$ -	\$ -	0.0%
<i>Subtotal, Services</i>		<i>\$ 183,428</i>	<i>\$ 8,960</i>	<i>\$ 8,960</i>	<i>4.9%</i>

Capital Out-Lay & Fixed Assets	
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614-6401	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	0.0%
<i>Total YRCAA Base Operations Expenses</i>		<i>\$ 789,191</i>	<i>\$ 64,195</i>	<i>\$ 64,195</i>	<i>8.1%</i>

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

Salaries					
614-1001	Salaries	\$ 3,399	\$ 285	\$ 285	8.4%
614-2002	Benefits	\$ 1,189	\$ 100	\$ 100	8.4%
614-1003	Overtime	\$ -	\$ -	\$ -	0.0%
<i>Subtotal, Salaries</i>		<i>\$ 4,588</i>	<i>\$ 385</i>	<i>\$ 385</i>	<i>8.4%</i>

Supplies	
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614-3101	Office Supplies	\$ -	\$ -	\$ -	0.0%
<i>Subtotal, Supplies</i>		<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>0.0%</i>

FY 2022 Monthly BVA

July 2021 Report Date: August 12, 2021		Budget	Actual Current	Actual Year to Date	Year to Date % of Budget
Services					
614-4139	Professional Services	\$ -	\$ -	\$ -	0.0%
614-4202	Postage	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Services</i>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>0.0%</u>
	<i>Subtotal, Woodstove Grant Expenses</i>	\$ 4,588	\$ 385	\$ 385	8.4%
614-33403108 PM2.5					
Salaries					
614-1001	Salaries	\$ 15,270	\$ 1,199	\$ 1,199	7.8%
614-2002	Benefits	\$ 5,780	\$ 421	\$ 421	7.3%
614-1003	Overtime	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Salaries</i>	<u>\$ 21,050</u>	<u>\$ 1,620</u>	<u>\$ 1,620</u>	<u>7.7%</u>
Supplies					
614-3101	Office Supplies	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Supplies</i>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>0.0%</u>
Services					
614-4101	Professional Services	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Services</i>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>0.0%</u>
Capital Out-Lay & Fixed Assets					
614-6401	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, PM 2.5 Grant Expenses</i>	<u>\$ 21,050</u>	<u>\$ 1,620</u>	<u>\$ 1,620</u>	<u>7.7%</u>
614-33403107 Woodstove Change-out					
Salaries					
614-1001	Salaries	\$ 44,550	\$ -	\$ -	0.0%
614-2002	Benefits	\$ 15,450	\$ -	\$ -	0.0%
614-1003	Overtime	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Salaries</i>	<u>\$ 60,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>0.0%</u>
Supplies					
614-3101	Office Supplies	\$ -	\$ -	\$ -	#DIV/0!
	<i>Subtotal, Supplies</i>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>#DIV/0!</u>
Services					
614-4101	Professional Services	\$ 240,000	\$ -	\$ -	0.0%
	<i>Subtotal, Services</i>	<u>\$ 240,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>0.0%</u>
Capital Out-Lay & Fixed Assets					
614-6401	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Woodstove Change-out Grant Expenses</i>	<u>\$ 300,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>0.0%</u>
	<i>Total, Grant Operations Expenses</i>	<u>\$ 325,638</u>	<u>\$ 2,005</u>	<u>\$ 2,005</u>	<u>0.6%</u>
EXPENSES 141 Enterprise Operations					
Salaries					
141-1001	Salaries	\$ 12,481	\$ -	\$ -	0.0%
141-2002	Benefits	\$ 4,275	\$ -	\$ -	0.0%
141-1003	Overtime	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Salaries</i>	<u>\$ 16,756</u>	<u>\$ -</u>	<u>\$ -</u>	<u>0.0%</u>

FY 2022 Monthly BVA

July 2021 Report Date: August 12, 2021		Budget	Actual Current	Actual Year to Date	Year to Date % of Budget
Supplies					
141-3101	Office Supplies	\$ 250	\$ -	\$ -	0.0%
141-3201	Vehicles, Gas	\$ 1,000	\$ -	\$ -	0.0%
141-3501	Small Tools/Equipment	\$ 100	\$ -	\$ -	0.0%
<i>Subtotal , Supplies</i>		<i>\$ 1,350</i>	<i>\$ -</i>	<i>\$ -</i>	<i>0.0%</i>
Services					
141-4101	Professional Services	\$ 350	\$ -	\$ -	0.0%
141-4202	Postage	\$ 200	\$ -	\$ -	0.0%
141-4301	Travel & Transportation	\$ 5,150	\$ -	\$ -	0.0%
141-4501	Rents & Leases, Space	\$ 3,230	\$ -	\$ -	0.0%
141-4801	Maintenance, Motor Vehicles	\$ 200	\$ -	\$ -	0.0%
141-4801	Maintenance, Equipment	\$ 500	\$ -	\$ -	0.0%
141-4901	Miscellaneous Services	\$ -	\$ -	\$ -	0.0%
<i>Subtotal, Services</i>		<i>\$ 9,630</i>	<i>\$ -</i>	<i>\$ -</i>	<i>0.0%</i>
Capital Out-Lay & Fixed Assets					
141-4500	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	0.0%
<i>Total Enterprise Operations Expenses</i>		<i>\$ 27,736</i>	<i>\$ -</i>	<i>\$ -</i>	<i>0.0%</i>
Summary of Revenue vs Expenses:					
<i>Prior-Year Carry Over Funds</i>		<i>\$ 119,374</i>	<i>\$ -</i>	<i>\$ 125,000</i>	
<i>Total Revenue, Base, Grants & Enterprise</i>		<i>\$ 1,294,739</i>	<i>\$ 22,693</i>	<i>\$ 147,693</i>	<i>11.4%</i>
<i>Total Expenses, Base, Grants & Enterprise</i>		<i>\$ 1,142,565</i>	<i>\$ 66,199</i>	<i>\$ 66,199</i>	<i>5.8%</i>
<i>Fund Balance</i>		<i>\$ 152,174</i>	<i>\$ (43,506)</i>	<i>\$ 81,494</i>	
<i>Operating Reserves</i>		<i>\$ 32,800</i>			
<i>Estimated Available Fund Balance</i>		<i>\$ 119,374</i>			

FY 2022 Monthly BVA

August 2021 Report Date: September 9, 2021		Budget	Actual Current	Actual Year to Date	Year to Date % of Budget
REVENUE					
REVENUE 614 YRCAA Base Operations					
Stationary Source Permit Fees					
614-32190001	Minor Sources	\$ 151,000	\$ -	\$ -	0.0%
614-32190008	Synthetic Minor Sources	\$ 18,620	\$ -	\$ -	0.0%
614-32190006	Complex Sources	\$ 29,555	\$ -	\$ -	0.0%
614-32290001	Title V Sources	\$ 113,000	\$ -	\$ -	0.0%
614-32190002	New Source Review	\$ 37,500	\$ 1,261	\$ 7,608	20.3%
<i>Subtotal, Stationary Source Permit Fees</i>		\$ 349,675	\$ 1,261	\$ 7,608	2.2%
Burn Permit Fees					
614-32290005	Residential Burn Permits	\$ 60,500	\$ -	\$ 1,296	2.1%
614-32290007	Agricultural Burn Permits	\$ 32,250	\$ 80	\$ 379	1.2%
614-32290011	Conditional Use Burn Permits	\$ 1,800	\$ -	\$ -	0.0%
<i>Subtotal, Burn Permit Fees</i>		\$ 93,000	\$ 80	\$ 1,675	1.8%
Compliance Fees					
614-32190005	Asbestos Removal Fees	\$ 30,000	\$ 470	\$ 1,225	4.1%
614-32190009	Construction Dust Control Fees	\$ 5,000	\$ 1,119	\$ 2,393	47.9%
<i>Subtotal, Compliance Fees</i>		\$ 35,000	\$ 1,589	\$ 3,618	10.3%
<i>Subtotal, All Permit Fee Revenue</i>		\$ 479,225	\$ 2,930	\$ 12,901	2.7%
Base Grants					
614-33366001	EPA, Core Grant	\$ 106,322	\$ -	\$ -	0.0%
614-33403101	DOE, Core Grant	\$ 76,800	\$ -	\$ -	0.0%
<i>Subtotal, Base Grants</i>		\$ 183,122	\$ -	\$ -	0.0%
Fines & Penalties					
614-35990001	Civil Penalty	\$ 2,500	\$ 23,866	\$ 24,893	
614-35990001	Other Fines	\$ -	\$ -	\$ -	
<i>Subtotal, Fines & Penalties</i>		\$ 2,500	\$ 23,866	\$ 24,893	
Supplemental Income					
614-33831001	Supplemental Income	\$ 102,830	\$ -	\$ 11,151	10.8%
<i>Subtotal, Supplemental Income</i>		\$ 102,830	\$ -	\$ 11,151	10.8%
Other Income					
614-36111001	Interest	\$ 2,000	\$ 309	\$ 592	29.6%
614-36990014	Miscellaneous Income	\$ 50	\$ 1,116	\$ 1,377	2754.2%
<i>Subtotal, Other Income</i>		\$ 2,050	\$ 1,425	\$ 1,969	96.1%
<i>Total YRCAA Base Operations Revenue</i>		\$ 769,727	\$ 28,221	\$ 50,914	6.6%
REVENUE 614 YRCAA Grant Operations					
614-33403105	Wood Stove Ed	\$ 4,588	\$ -	\$ -	0.0%
614-33403108	PM 2.5	\$ 21,050	\$ 5,263	\$ 5,263	25.0%
614-33403107	Woodstove Change-out	\$ 300,000	\$ -	\$ -	0.0%
<i>Total YRCAA Grant Operations Revenue</i>		\$ 325,638	\$ 5,263	\$ 5,263	1.6%
REVENUE Enterprise Operations					
614-34317001	VE Certification Fees	\$ 80,000	\$ -	\$ -	0.0%
614-34317002	Other Enterprise Revenue	\$ -	\$ -	\$ -	0.0%
<i>Subtotal, Enterprise Revenue</i>		\$ 80,000	\$ -	\$ -	0.0%
<i>Total Base, Grant and Enterprise Revenue</i>		\$ 1,175,365	\$ 33,484	\$ 56,177	4.8%

FY 2022 Monthly BVA

August 2021 Report Date: September 9, 2021	Budget	Actual Current	Actual Year to Date	Year to Date % of Budget
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EXPENSES	614 YRCAA Base Operations
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Salaries					
614-1001	Salaries	\$ 441,546	\$ 47,730	\$ 88,425	20.0%
614-2002	Benefits	\$ 152,717	\$ 16,770	\$ 31,068	20.3%
614-1003	Overtime	\$ -	\$ -	\$ -	0.0%
<i>Subtotal, Salaries</i>		<i>\$ 594,263</i>	<i>\$ 64,500</i>	<i>\$ 119,493</i>	<i>20.1%</i>

Supplies

614-3101	Office Supplies	\$ 6,500	\$ 292	\$ 405	6.2%
614-3101	Safety Equipment	\$ 300	\$ -	\$ -	0.0%
614-3201	Vehicles, Gas	\$ 1,500	\$ 146	\$ 274	18.3%
614-3501	Small Tools/Equipment	\$ 200	\$ -	\$ -	0.0%
614-3502	Computer Network	\$ 3,000	\$ -	\$ -	0.0%
<i>Subtotal, Supplies</i>		<i>\$ 11,500</i>	<i>\$ 438</i>	<i>\$ 679</i>	<i>5.9%</i>

Services

614-4101	Professional Services	\$ 55,000	\$ 4,912	\$ 5,492	10.0%
614-4101	Laboratory Analyses	\$ 500	\$ -	\$ -	0.0%
614-4125	Treasurer, Yakima County	\$ 1,473	\$ 123	\$ 246	16.7%
614-4201	Communications, Phones/Internet	\$ 12,350	\$ 746	\$ 1,788	14.5%
614-4202	Postage	\$ 2,000	\$ 21	\$ 582	29.1%
614-4301	Travel & Transportation	\$ 3,200	\$ -	\$ -	0.0%
614-4401	Public Education	\$ 2,000	\$ -	\$ -	0.0%
614-4401	Publications, Legal Notices	\$ 1,000	\$ -	\$ 35	3.5%
614-4501	Rents & Leases, Equipment	\$ 2,988	\$ -	\$ -	0.0%
614-4501	Rents & Leases, Space	\$ 57,532	\$ 4,742	\$ 9,484	16.5%
614-4601	Insurance	\$ 14,613	\$ 15,720	\$ 15,720	107.6%
614-4701	Utilities	\$ 4,622	\$ 286	\$ 669	14.5%
614-4801	Maintenance, Motor Vehicles	\$ 1,200	\$ 317	\$ 317	26.4%
614-4801	Maintenance, Equipment	\$ 5,000	\$ 4,689	\$ 4,776	95.5%
614-4801	Maintenance, Computers	\$ 750	\$ -	\$ 316	42.2%
614-4801	Maintenance, Building	\$ 500	\$ -	\$ 360	72.0%
614-4901	Memberships	\$ 650	\$ 14	\$ 16	2.5%
614-4901	Training	\$ 2,500	\$ -	\$ -	0.0%
614-4901	Service Chgs & Interest	\$ 6,950	\$ 328	\$ 1,057	15.2%
614-4901	Miscellaneous Services	\$ 4,000	\$ -	\$ -	0.0%
614-4901	DOE Oversight Fees	\$ 4,600	\$ -	\$ -	0.0%
<i>Subtotal, Services</i>		<i>\$ 183,428</i>	<i>\$ 31,899</i>	<i>\$ 40,858</i>	<i>22.3%</i>

Capital Out-Lay & Fixed Assets

614-6401	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	
<i>Total YRCAA Base Operations Expenses</i>		<i>\$ 789,191</i>	<i>\$ 96,837</i>	<i>\$ 161,031</i>	<i>20.4%</i>

EXPENSES	614 YRCAA Grant Operations
	614-33403105 Wood Stove Ed

Salaries					
614-1001	Salaries	\$ 3,399	\$ 280	\$ 565	
614-2002	Benefits	\$ 1,189	\$ 98	\$ 198	
614-1003	Overtime	\$ -	\$ -	\$ -	
<i>Subtotal, Salaries</i>		<i>\$ 4,588</i>	<i>\$ 378</i>	<i>\$ 763</i>	

Supplies

614-3101	Office Supplies	\$ -	\$ -	\$ -	
<i>Subtotal, Supplies</i>		<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	

FY 2022 Monthly BVA

August 2021 Report Date: September 9, 2021		Budget	Actual Current	Actual Year to Date	Year to Date % of Budget
Services					
614-4139	Professional Services	\$ -	\$ -	\$ -	
614-4202	Postage	\$ -	\$ -	\$ -	
	<i>Subtotal, Services</i>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	
	<i>Subtotal, Woodstove Grant Expenses</i>	\$ 4,588	\$ 378	\$ 763	
614-33403108 PM2.5					
Salaries					
614-1001	Salaries	\$ 15,270	\$ 1,338	\$ 2,536	16.6%
614-2002	Benefits	\$ 5,780	\$ 470	\$ 891	15.4%
614-1003	Overtime	\$ -	\$ -	\$ -	
	<i>Subtotal, Salaries</i>	<u>\$ 21,050</u>	<u>\$ 1,808</u>	<u>\$ 3,427</u>	<u>16.3%</u>
Supplies					
614-3101	Office Supplies	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Supplies</i>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>0.0%</u>
Services					
614-4101	Professional Services	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Services</i>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>0.0%</u>
Capital Out-Lay & Fixed Assets					
614-6401	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, PM 2.5 Grant Expenses</i>	<u>\$ 21,050</u>	<u>\$ 1,808</u>	<u>\$ 3,427</u>	<u>16.3%</u>
614-33403107 Woodstove Change-out					
Salaries					
614-1001	Salaries	\$ 44,550	\$ -	\$ -	0.0%
614-2002	Benefits	\$ 15,450	\$ -	\$ -	0.0%
614-1003	Overtime	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Salaries</i>	<u>\$ 60,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>0.0%</u>
Supplies					
614-3101	Office Supplies	\$ -	\$ -	\$ -	#DIV/0!
	<i>Subtotal, Supplies</i>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>#DIV/0!</u>
Services					
614-4101	Professional Services	\$ 240,000	\$ -	\$ -	0.0%
	<i>Subtotal, Services</i>	<u>\$ 240,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>0.0%</u>
Capital Out-Lay & Fixed Assets					
614-6401	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Woodstove Change-out Grant Expenses</i>	<u>\$ 300,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>0.0%</u>
	<i>Total, Grant Operations Expenses</i>	<u>\$ 325,638</u>	<u>\$ 2,186</u>	<u>\$ 4,190</u>	<u>1.3%</u>
EXPENSES 141 Enterprise Operations					
Salaries					
141-1001	Salaries	\$ 12,481	\$ -	\$ -	0.0%
141-2002	Benefits	\$ 4,275	\$ -	\$ -	0.0%
141-1003	Overtime	\$ -	\$ -	\$ -	0.0%
	<i>Subtotal, Salaries</i>	<u>\$ 16,756</u>	<u>\$ -</u>	<u>\$ -</u>	<u>0.0%</u>

FY 2022 Monthly BVA

August 2021 Report Date: September 9, 2021		Budget	Actual Current	Actual Year to Date	Year to Date % of Budget
Supplies					
141-3101	Office Supplies	\$ 250	\$ -	\$ -	0.0%
141-3201	Vehicles, Gas	\$ 1,000	\$ -	\$ -	0.0%
141-3501	Small Tools/Equipment	\$ 100	\$ -	\$ -	0.0%
<i>Subtotal , Supplies</i>		<i>\$ 1,350</i>	<i>\$ -</i>	<i>\$ -</i>	<i>0.0%</i>
Services					
141-4101	Professional Services	\$ 350	\$ -	\$ -	0.0%
141-4202	Postage	\$ 200	\$ -	\$ -	0.0%
141-4301	Travel & Transportation	\$ 5,150	\$ 410	\$ 410	8.0%
141-4501	Rents & Leases, Space	\$ 3,230	\$ -	\$ -	0.0%
141-4801	Maintenance, Motor Vehicles	\$ 200	\$ -	\$ -	0.0%
141-4801	Maintenance, Equipment	\$ 500	\$ -	\$ -	0.0%
141-4901	Miscellaneous Services	\$ -	\$ -	\$ -	0.0%
<i>Subtotal, Services</i>		<i>\$ 9,630</i>	<i>\$ 410</i>	<i>\$ 410</i>	<i>4.3%</i>
Capital Out-Lay & Fixed Assets					
141-4500	Capital Out-Lay/Fixed Assets	\$ -	\$ -	\$ -	0.0%
<i>Total Enterprise Operations Expenses</i>		<i>\$ 27,736</i>	<i>\$ 410</i>	<i>\$ 410</i>	<i>1.5%</i>
Summary of Revenue vs Expenses:					
<i>Prior-Year Carry Over Funds</i>		<i>\$ 119,374</i>	<i>\$ -</i>	<i>\$ 125,000</i>	
<i>Total Revenue, Base, Grants & Enterprise</i>		<i>\$ 1,294,739</i>	<i>\$ 33,484</i>	<i>\$ 181,177</i>	<i>14.0%</i>
<i>Total Expenses, Base, Grants & Enterprise</i>		<i>\$ 1,142,565</i>	<i>\$ 99,432</i>	<i>\$ 165,631</i>	<i>14.5%</i>
<i>Fund Balance</i>		<i>\$ 152,174</i>	<i>\$ (65,948)</i>	<i>\$ 15,546</i>	
<i>Operating Reserves</i>		<i>\$ 32,800</i>			
<i>Estimated Available Fund Balance</i>		<i>\$ 119,374</i>			

YAKIMA REGIONAL CLEAN AIR AGENCY
SUPPLEMENTAL INCOME STATUS for FY2021 on June 30, 2021
FY 2021 \$.40 PER CAPITA (Rounded Amounts)

City/Town	FY 2021 Assessment	Beginning Balance	Payments Received	Date Received	Remaining Balance	Status
Grandview	\$ 4,476	\$ 4,476	\$ 4,476	2/24/2020; 2/1/2021	\$ -	Pd in full
Granger	\$ 1,604	\$ 1,604	\$ 1,604	7/21/2020; 9/28/2020; 2/1/2021; 3/29/2021	\$ -	Pd in full
Harrah	\$ 269	\$ 269	\$ 269	2/11/2020; 1/29/2021	\$ -	Pd in full
Mabton	\$ 927	\$ 927	\$ 927	1/23/2020; 2/1/2021	\$ -	Pd in full
Moxee	\$ 1,631	\$ 1,631	\$ 1,631	1/28/2020; 1/20/2021	\$ -	Pd in full
Naches	\$ 390	\$ 390	\$ 390	1/23/2020; 2/16/2021	\$ -	Pd in full
Selah	\$ 3,157	\$ 3,157	\$ 3,157	2/11/2020; 1/29/2021	\$ -	Pd in full
Sunnyside	\$ 6,784	\$ 6,784	\$ 6,784	7/10/2020; 10/12/2020; 6/15/2021	\$ -	Pd in full
Tieton	\$ 522	\$ 522	\$ 522	3/3/2020; 2/8/2021	\$ -	Pd in full
Toppenish	\$ 3,639	\$ 3,639	\$ 3,639	2/13/2020; 1/28/2021	\$ -	Pd in full
Union Gap	\$ 2,502	\$ 2,502	\$ 2,502	2/11/2020; 6/21/2021	\$ -	Pd in full
Wapato	\$ 2,019	\$ 2,019	\$ 2,019	2/13/2020; 1/28/2021	\$ -	Pd in full
City of Yakima	\$ 37,726	\$ 37,726	\$ 37,726	7/21/2020; 10/5/2020; 1/28/2021; 6/30/2021	\$ -	Pd in full
Zillah	\$ 1,270	\$ 1,270	\$ 1,270	2/13/2020; 1/25/2021	\$ -	Pd in full
Yakima Co.	\$ 35,174	\$ 35,174	\$ 35,174	1/2/2020; 2/2/2021	\$ -	Pd in full
Totals:	\$ 102,090	\$ 102,090	\$ 102,090		\$ -	

YAKIMA REGIONAL CLEAN AIR AGENCY
SUPPLEMENTAL INCOME STATUS for FY2022 on July 31, 2021
FY 2022 \$.40 PER CAPITA (Rounded Amounts)

City/Town	FY 2022 Assessment	Beginning Balance	Payments Received	Date Received	Remaining Balance	Status
Grandview	\$ 4,555	\$ 4,555	\$ 2,240	2/1/2021	\$ 2,315	
Granger	\$ 1,646	\$ 1,646	\$ 408	6/30/2021	\$ 1,239	
Harrah	\$ 271	\$ 271	\$ 135	1/29/2021	\$ 136	
Mabton	\$ 930	\$ 930	\$ 464	2/1/2021	\$ 466	
Moxee	\$ 1,691	\$ 1,691	\$ 827	1/20/2021	\$ 864	
Naches	\$ 397	\$ 397	\$ 198	2/16/2021	\$ 199	
Selah	\$ 3,200	\$ 3,200	\$ 1,593	1/29/2021	\$ 1,607	
Sunnyside	\$ 6,864	\$ 6,864	\$ 1,707	7/12/2021	\$ 5,157	
Tieton	\$ 522	\$ 522	\$ 261	2/8/2021	\$ 261	
Toppenish	\$ 3,647	\$ 3,647	\$ 1,821	1/28/2021	\$ 1,826	
Union Gap	\$ 2,526	\$ 2,526	\$ 1,255	6/21/2021	\$ 1,271	
Wapato	\$ 2,022	\$ 2,022	\$ 1,011	1/28/2021	\$ 1,011	
City of Yakima	\$ 37,986	\$ 37,986	\$ 9,444	7/6/2021	\$ 28,542	
Zillah	\$ 1,277	\$ 1,277	\$ 637	1/25/2021	\$ 640	
Yakima Co.	\$ 35,365	\$ 35,365	\$ 17,631	2/2/2021	\$ 17,734	
Totals:	\$ 102,899	\$ 102,899	\$ 39,632		\$ 63,267	

YAKIMA REGIONAL CLEAN AIR AGENCY
SUPPLEMENTAL INCOME STATUS for FY2022 on August 31, 2021
FY 2022 \$.40 PER CAPITA (Rounded Amounts)

City/Town	FY 2022 Assessment	Beginning Balance	Payments Received	Date Received	Remaining Balance	Status
Grandview	\$ 4,555	\$ 4,555	\$ 2,240	2/1/2021	\$ 2,315	
Granger	\$ 1,646	\$ 1,646	\$ 408	6/30/2021	\$ 1,239	
Harrah	\$ 271	\$ 271	\$ 135	1/29/2021	\$ 136	
Mabton	\$ 930	\$ 930	\$ 464	2/1/2021	\$ 466	
Moxee	\$ 1,691	\$ 1,691	\$ 827	1/20/2021	\$ 864	
Naches	\$ 397	\$ 397	\$ 198	2/16/2021	\$ 199	
Selah	\$ 3,200	\$ 3,200	\$ 1,593	1/29/2021	\$ 1,607	
Sunnyside	\$ 6,864	\$ 6,864	\$ 1,707	7/12/2021	\$ 5,157	
Tieton	\$ 522	\$ 522	\$ 261	2/8/2021	\$ 261	
Toppenish	\$ 3,647	\$ 3,647	\$ 1,821	1/28/2021	\$ 1,826	
Union Gap	\$ 2,526	\$ 2,526	\$ 1,255	6/21/2021	\$ 1,271	
Wapato	\$ 2,022	\$ 2,022	\$ 1,011	1/28/2021	\$ 1,011	
City of Yakima	\$ 37,986	\$ 37,986	\$ 9,444	7/6/2021	\$ 28,542	
Zillah	\$ 1,277	\$ 1,277	\$ 637	1/25/2021	\$ 640	
Yakima Co.	\$ 35,365	\$ 35,365	\$ 17,631	2/2/2021	\$ 17,734	
Totals:	\$ 102,899	\$ 102,899	\$ 39,632		\$ 63,267	