

**WASHOE COUNTY
DISTRICT BOARD OF HEALTH**

Denis Humphreys, OD, Chairman
Matt Smith, Vice Chairman
George Furman, MD,
Councilman Dan Gustin
Commissioner Kitty Jung
Amy J Khan, MD, MPH
Councilwoman Julia Ratti

ANNOTATED AGENDA

Meeting of the
DISTRICT BOARD OF HEALTH
Building B
South Auditorium
1001 East Ninth Street
Reno, Nevada
June 24, 2010
1:00 PM

NOTICE

PURSUANT TO NRS 241.020, PLEASE BE ADVISED THAT THE AGENDA FOR THE DISTRICT BOARD OF HEALTH MEETING HAS BEEN POSTED AT THE FOLLOWING LOCATIONS: WASHOE COUNTY HEALTH DISTRICT (1001 E. 9TH ST), RENO CITY HALL (1 E. 1ST ST), SPARKS CITY HALL (431 PRATER WAY), WASHOE COUNTY ADMINISTRATION BUILDING (1001 E. 9TH ST), AND ON THE WASHOE COUNTY HEALTH DISTRICT WEBSITE @ WWW.WASHOECOUNTY.US/HEALTH. PUBLIC COMMENT IS LIMITED TO THREE (3) MINUTES PER PERSON.

The Board of Health may take action on the items denoted as “(action)”.

Business Impact Statement – A Business Impact Statement is available at the Washoe County Health District for those items denoted with a \$

1. Call to Order, Pledge of Allegiance Led by Invitation	HELD
2. Roll Call	HELD
3. Public Comment (3 minute time limit per person)	COMMENTS RECEIVED
4. Approval/Deletions to the Agenda for the June 24, 2010 (action)	APPROVED AS AMENDED
5. Approval/Additions/Deletions to the Minutes of the May 27, 2010 Meeting (action)	APPROVED

6. Recognitions

INTRODUCTION OF NEW EMPLOYEE
ALLAN TOBEY

YEARS-OF-SERVICE
CINDY HAWKS – 10 YEARS

7. Consent Agenda

Matters, which the District Board of Health may consider in one motion. Any item, however, may be discussed separately by Board member request. Any exceptions to the consent agenda must be stated prior to approval.

A. Air Quality Management Cases

1. Recommendation to Uphold Citations Unappealed to the Air Pollution Control Hearing Board

a. Meritage Homes of Nevada, Case No. 1053, NOV No. 4961 (action)

b. UNR Owners LLC, Case No. 1054, Case No. 1054, NOV No. 4960 (action)

UPHELD, \$750 FINE LEVIED

UPHELD, \$250 FINE LEVIED

2. Recommendations of Cases Appealed to the Air Pollution Control Hearing Board

a. No Cases This Month

B. Recommendation to Approve Variance Case(s) Presented to the Sewage, Wastewater & Sanitation Hearing Board

1. No Cases This Month

C. Budget Amendments / Interlocal Agreements

1. Ratification of Interlocal Agreement Between Washoe County Health District and the University of Nevada School of Medicine Integrated Clinical Services, Inc., and the University of Nevada School of Medicine Multi-Specialty Group Practice North, Inc., in a Total Amount Not to Exceed \$11,300 Pertaining to Male Sterilization Procedures for the Period of July 1, 2010 through June 30, 2011 (action)

APPROVED

2. Retroactive Approval of the Washoe County District Health Officer's Acceptance of the Subgrant Amendment #1 from the Nevada Department of Health and Human Services, Health Division for the Period of January 1, 2010 to December 31, 2010, in the Amount of \$249,654 in Support of the Immunization Program (IO 10028), for the Total Calendar Year of 2010 Funding of \$344,183 (action)

APPROVED

D. Approval of Subgrant Amendment #1 from the Nevada State Health Division, Bureau of Child, Family, and Community Wellness for the Maternal Child Health (MCH) Pregnancy Connection Grant Program that Extends the Term of the Grant Period for Three (3) Months, and Authorizes Federal Expenditures Through September 30, 2010 (action)

WITHDRAWN

8. Air Pollution Control Hearing Board Cases – Appealed to the District Board of Health

A. No Cases This Month

9. Regional Emergency Medical Services Authority

A. Review and Acceptance of the Operations and Financial Report for May 2010 (action)

B. Update of REMSA's Community Activities Since May 2010

ACCEPTED

PRESENTED

10. Review and Acceptance of the Monthly Public Health Fund Revenue and Expenditure for May 2010 (action)

ACCEPTED

11. Update – Fiscal Year 2011 Budget

NO UPDATES

- | | | |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 12. | Public Hearing – Washoe County District Board of Regulations Governing Solid Waste Management | |
| A. | Presentation and Discussion of Amendments Section 010.065 (Commercial Solid Waste Defined); Section 010.280 (Industrial Waste Defined); | PRESENTED |
| B. | Presentation and Discussion of the Addition of Section 010.150 (Diversion Defined); Section 010.350 (Materials Recovery Facility Defined); Section 020.477 (Recyclable Material Defined); Section 010.482 (Recycling Facility Defined); Section 010.484 (Residential Waste Defined); Section 010.486 (Reuse Defined); Sections 062.110 – 062.200, Inclusive (Materials Recovery Facilities and Recycling Facilities); | PRESENTED |
| C. | Recommendation to Approve and Adopt the Amendments and Additions to the Washoe County District Board of Health Regulations Governing Solid Waste Management (action) | APPROVED AND ADOPTED |
| 13. | Presentation – Air Quality Update | |
| A. | Recommendation for Acceptance and Approval of the Washoe County Air Quality Management Division 2009 Ambient Air Monitoring Network Plan (action) | ACCEPTED AND ADOPTED |
| B. | Recommendation for Acceptance and Adoption of the Washoe County 2009 Air Quality Trends Report (action) | ACCEPTED AND ADOPTED |
| 14. | Discussion and Possible Selection of District Board of Health Member to Attend the National Association of Local Boards of Health (NALBOH) 2010 Conference in Omaha, Nebraska, August 5 - 7, 2010; and Approval of Expenditures of Travel Funds for Said Member (action) | DR. GEORGE FURMAN TO ATTEND |
| 15. | Recommendation to Adjust the Salary and the Amount of the Insurance Contribution of the District Health Officer in Accordance with the County's Determination of the Salary Adjustment and the Amount of the Insurance Contribution for All County Department Heads (action) | APPROVED |
| 16. | Staff Reports and Program Updates | |
| A. | Director, Epidemiology and Public Health Preparedness – Communicable Disease; Public Health Preparedness (PHP) Activities | PRESENTED |
| B. | Director, Community and Clinical Health Services – Washoe County Teen Pregnancy Rates – Nevada State Health Division's Teen Pregnancy Rates for Nevada and Washoe County, The Guttenmacher Institutes Report on Nevada's Teen Pregnancy Rates; Washoe County Apartment Tenants Smoking Study Brochure | |
| C. | Director, Environmental Health Services – Vector-Borne Diseases Program; Investigation and Disposal of Rotting Meat (former Butcher Boy Meat Locker) | |
| D. | Director, Air Quality Management - Monthly Report of Air Quality: Everything Green, Monitoring/Planning Activities, Permitting Activities, Compliance/Inspection Activity, and Enforcement Activity | |
| E. | Administrative Health Services Officer – Emergency Medical Services (EMS) Program Update | |
| F. | District Health Officer – State Board of Health Meeting; Joint Meeting of the BCC and the DBOH on July 13, 2010; Attendance at National Association of County and City Health Officials (NACCHO) Annual Conference; | |
| 17. | Board Comment – Limited to Announcements or Issues for Future Agendas | COMMENTS PRESENTED |
| 18. | Adjournment (action) | ADJOURNED |

NOTE: Items on the agenda without a time designation may not necessarily be considered in the order in which they appear on the agenda.

Disabled members of the public who require special accommodations or assistance at the meeting are requested to notify Administrative Health Services in writing at the Washoe County Health District, PO Box 11130 Building "B", Reno, NV 89520-0027 or by calling 328-2416.

**WASHOE COUNTY
DISTRICT BOARD OF HEALTH**

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Matt Smith, Vice Chairman
George Furman, MD,
Councilman Dan Gustin
Commissioner Kitty Jung
Amy J Khan, MD, MPH
Councilwoman Julia Ratti

A G E N D A

Meeting of the
DISTRICT BOARD OF HEALTH

Building B
South Auditorium
1001 East Ninth Street
Reno, Nevada

June 24, 2010

1:00 PM

N O T I C E

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1:00 PM	1.	Call to Order, Pledge of Allegiance Led by Invitation	Dr. Humphreys
	2.	Roll Call	Ms. Smith
	3.	Public Comment (3 minute time limit per person)	Dr. Humphreys
	4.	Approval/Deletions to the Agenda for the June 24, 2010 (action)	Dr. Humphreys
	5.	Approval/Additions/Deletions to the Minutes of the May 27, 2010 Meeting (action)	Dr. Humphreys

6. Recognitions Dr. Humphreys
 A Introduction of New Employee
 1. Allen Tobey - AQM
 B. Years-of-Service
 1. Cindy Hawks – EPHP – 10 Years
 3. Lilia Sandoval – WIC – 15 Years
7. Consent Agenda Dr. Humphreys
 Matters, which the District Board of Health may consider in one motion. Any item, however, may be discussed separately by Board member request. Any exceptions to the consent agenda must be stated prior to approval.
- A. Air Quality Management Cases Mr. Bonderson
 1. Recommendation to Uphold Citations Unappealed to the Air Pollution Control Hearing Board
 a. Meritage Homes of Nevada, Case No. 1053, NOV No. 4961 **(action)**
 b. UNR Owners LLC, Case No. 1054, Case No. 1054, NOV No. 4960 **(action)**
 2. Recommendations of Cases Appealed to the Air Pollution Control Hearing Board Mr. Bonderson
 a. No Cases This Month
- B. Recommendation to Approve Variance Case(s) Presented to the Sewage, Wastewater & Sanitation Hearing Board Mr. Coulter
 1. No Cases This Month
- C. Budget Amendments / Interlocal Agreements
 1. Ratification of Interlocal Agreement Between Washoe County Health District and the University of Nevada School of Medicine Integrated Clinical Services, Inc., and the University of Nevada School of Medicine Multi-Specialty Group Practice North, Inc., in a Total Amount Not to Exceed \$11,300 Pertaining to Male Sterilization Procedures for the Period of July 1, 2010 through June 30, 2011 **(action)**
 2. Retroactive Approval of the Washoe County District Health Officer's Acceptance of the Subgrant Amendment #1 from the Nevada Department of Health and Human Services, Health Division for the Period of January 1, 2010 to December 31, 2010, in the Amount of \$249,654 in Support of the Immunization Program (IO 10028), for the Total Calendar Year of 2010 Funding of \$344,183 **(action)**
- D. Approval of Subgrant Amendment #1 from the Nevada State Health Division, Bureau of Child, Family, and Community Wellness for the Maternal Child Health (MCH) Pregnancy Connection Grant Program that Extends the Term of the Grant Period for Three (3) Months, and Authorizes Federal Expenditures Through September 30, 2010 **(action)** Ms. Coulombe
8. Air Pollution Control Hearing Board Cases – Appealed to the District Board of Health Mr. Bonderson
 A. No Cases This Month
9. Regional Emergency Medical Services Authority Mr. Smith
 A. Review and Acceptance of the Operations and Financial Report for May 2010 **(action)**
 B. Update of REMSA's Community Activities Since May 2010
10. Review and Acceptance of the Monthly Public Health Fund Revenue and Expenditure for May 2010 **(action)** Ms. Coulombe
11. Update – Fiscal Year 2011 Budget Ms. Coulombe

- | | | |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 12. | Public Hearing – Washoe County District Board of Regulations Governing Solid Waste Management | Ms. Rucker |
| | A. Presentation and Discussion of Amendments Section 010.065 (Commercial Solid Waste Defined); Section 010.280 (Industrial Waste Defined); | |
| | B. Presentation and Discussion of the Addition of Section 010.150 (Diversion Defined); Section 010.350 (Materials Recovery Facility Defined); Section 020.477 (Recyclable Material Defined); Section 010.482 (Recycling Facility Defined); Section 010.484 (Residential Waste Defined); Section 010.486 (Reuse Defined); Sections 062.110 – 062.200, Inclusive (Materials Recovery Facilities and Recycling Facilities); | |
| | C. Recommendation to Approve and Adopt the Amendments and Additions to the Washoe County District Board of Health Regulations Governing Solid Waste Management (action) | |
| 13. | Presentation – Air Quality Update | Mr. Goodrich |
| | A. Recommendation for Acceptance and Approval of the Washoe County Air Quality Management Division 2009 Ambient Air Monitoring Network Plan (action) | Mr. Peterson/
Ms. Hunter |
| | B. Recommendation for Acceptance and Adoption of the Washoe County 2009 Air Quality Trends Report (action) | Ms. Mendoza |
| 14. | Discussion and Possible Selection of District Board of Health Member to Attend the National Association of Local Boards of Health (NALBOH) 2010 Conference in Omaha, Nebraska, August 5 - 7, 2010; and Approval of Expenditures of Travel Funds for Said Member (action) | Dr. Humphreys |
| 15. | Recommendation to Adjust the Salary and the Amount of the Insurance Contribution of the District Health Officer in Accordance with the County's Determination of the Salary Adjustment and the Amount of the Insurance Contribution for All County Department Heads (action) | Dr. Humphreys |
| 16. | Staff Reports and Program Updates | |
| | A. Director, Epidemiology and Public Health Preparedness – Communicable Disease; Public Health Preparedness (PHP) Activities | Dr. Todd |
| | B. Director, Community and Clinical Health Services – Washoe County Teen Pregnancy Rates – Nevada State Health Division's Teen Pregnancy Rates for Nevada and Washoe County, The Guttenmacher Institutes Report on Nevada's Teen Pregnancy Rates; Washoe County Apartment Tenants Smoking Study Brochure | Ms. Brown |
| | C. Director, Environmental Health Services – Vector-Borne Diseases Program; Investigation and Disposal of Rotting Meat (former Butcher Boy Meat Locker) | Mr. Sack |
| | D. Director, Air Quality Management - Monthly Report of Air Quality: Everything Green, Monitoring/Planning Activities, Permitting Activities, Compliance/Inspection Activity, and Enforcement Activity | Mr. Goodrich |
| | E. Administrative Health Services Officer – Emergency Medical Services (EMS) Program Update | Ms. Coulombe |
| | F. District Health Officer – State Board of Health Meeting; Joint Meeting of the BCC and the DBOH on July 13, 2010; Attendance at National Association of County and City Health Officials (NACCHO) Annual Conference; | Dr. Anderson |
| 17. | Board Comment – Limited to Announcements or Issues for Future Agendas | Dr. Humphreys |
| 18. | Adjournment (action) | Dr. Humphreys |

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WASHOE COUNTY DISTRICT BOARD OF HEALTH
ATTENDANCE CARD
PLEASE PRINT

DATE:

6/24/80

AGENDA ITEM:

9

NAME:

BOB ACKERMAN

ADDRESS:

25 GOLDEN CURRAWICR, GALENA FOREST, RENO 89511
HON

I REPRESENT:

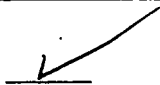
GALENA 2EA EXECUTIVE BOARD MEMBER

I AM IN ATTENDANCE CONCERNING:

LIFE IS IMPORTANT - MINUTES COUNT
WE NEED TO OPEN THE SYSTEM TO ALLOW FIRE DISTRICT TRANSPORT

DO YOU WISH TO MAKE A STATEMENT:

YES



NO

 IN FAVOR

 IN OPPOSITION

NOTE: GENERAL POLICIES FOR ADDRESSING THE BOARD:

1. PUBLIC COMMENT (5 MINUTE TIME LIMIT PER PERSON)

WASHOE COUNTY DISTRICT BOARD OF HEALTH

ATTENDANCE CARD

PLEASE PRINT

DATE:

6/25/2010

AGENDA ITEM:

9

NAME:

Ronnie J. Solara

ADDRESS:

1105 Joy Lake Rd

I REPRESENT:

my self

I AM IN ATTENDANCE CONCERNING:

Placing an agenda item on the agenda, namely, results of REMSA market survey process used to select the company who completed the survey

DO YOU WISH TO MAKE A STATEMENT:

YES

NO

___ IN FAVOR

___ IN OPPOSITION

NOTE: GENERAL POLICIES FOR ADDRESSING THE BOARD:

1. PUBLIC COMMENT (5 MINUTE TIME LIMIT PER PERSON)

WASHOE COUNTY DISTRICT BOARD OF HEALTH
ATTENDANCE CARD
PLEASE PRINT

DATE: 6-24-10 AGENDA ITEM: #9

NAME: SALLY WEICHERT

ADDRESS: 1740 GREEN ASH RD. (GALENA FOREST ESTATES)

I REPRESENT: CONCERNED HOMEOWNERS IN GALENA

I AM IN ATTENDANCE CONCERNING: I WANT AN AGENDA ITEM AT THE NEXT MEETING TO LEARN THE STATUS OF THE REMSA FRANCHISE AGREEMENT.

DO YOU WISH TO MAKE A STATEMENT: YES NO

IN FAVOR IN OPPOSITION

NOTE: GENERAL POLICIES FOR ADDRESSING THE BOARD:
1. PUBLIC COMMENT (5 MINUTE TIME LIMIT PER PERSON)

WASHOE COUNTY DISTRICT BOARD OF HEALTH MEETING
Board Room - Health Department Building
Wells Avenue at Ninth Street

June 24, 2010

	<u>Page</u>
Roll Call	1
Public Comment	1 – 2
Approval/Additions/Deletions – Agenda – June 24, 2010	2 - 3
Review – Approval of Minutes – May 27, 2010	3
Recognitions	4
Consent Agenda – Air Quality Management Cases	
a. Meritage Homes of Nevada – Case No. 1053, NOV No. 4961	4 - 5
b. UNR Owners LLC – Case No. 1054, NOV No. 4960	5 - 6
Consent Agenda – Budget Amendments/Interlocal Agreements/Authorized Position Control Numbers	
Ratification of Interlocal Agreement - Washoe County Health District – University of Nevada School of Medicine Integrated Clinical Services, Inc. – University of Nevada School of Medicine Multi-Specialty Group Practice North, Inc. - \$11,300 – Male Sterilization Procedures	6 - 10
Retroactive Approval - Washoe County District Health Officer's Acceptance – Subgrant Amendment #1 – Nevada Department of Health and Human Services, Health Division – Immunization Program IO 10028 - \$344,183	3
Retroactive Approval - Washoe County District Health Officer's Acceptance – Subgrant Amendment #1 – Nevada Department of Health and Human Services, Health Division – Immunization Program IO 10028 - \$344,183	10
Retroactive Approval - Washoe County District Health Officer's Acceptance – Subgrant Amendment #1 – Nevada Department of Health and Human Services, Health Division – Immunization Program IO 10028 - \$344,183	3 - 4
Regional Emergency Medical Services Authority	
A. Review and Acceptance of Operations and Financial Report for May 2010	10
B. Update on REMSA's Activities Since May 2010	11
Acceptance of District Health Department Monthly Public Health Fund Revenue and Expenditures for May 2010	11
Update Fiscal Year 2011 Budget	11

WASHOE COUNTY DISTRICTBOARD OF HEALTH MEETING

June 24, 2010

Page 2

	<u>Page</u>
Public Hearing - Washoe County District Board of Regulations Governing Solid Waste Management	
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B. Presentation and Discussion of the Addition of Section 010.150 (Diversion Defined); Section 010.350 (Materials Recovery Facility Defined); Section 020.477 (Recyclable Material Defined); Section 010.482 (Recycling Facility Defined); Section 010.484 (Residential Waste Defined); Section 010.486 (Reuse Defined); Sections 062.110 – 062.200, Inclusive (Materials Recovery Facilities and Recycling Facilities);	12 - 15
C. Recommendation to Approve and Adopt the Amendments and Additions to the Washoe County District Board of Health Regulations Governing Solid Waste Management	15 - 17
Presentation – Air Quality Update	
A. Recommendation for Acceptance and Approval of the Washoe County Air Quality Management Division 2009 Ambient Air Monitoring Network Plan	18 - 20
B. Recommendation for Acceptance and Adoption of the Washoe County 2009 Air Quality Trends Report	20 - 22
Selection – DBOH Member – Attend National Association of Local Boards of Health (NALBOH) Annual Conference – Expenditure of Travel Funds	22
Recommendation – Adjust Salary and the Amount of the Insurance Contribution of the District Health Officer	23
Staff Reports	
Division Director – Epidemiology and Public Health Preparedness	24
Division Director – Community and Clinical Health Services	24
Division Director – Environmental Health Services	24 – 25
Division Director – Air Quality Management	25
Division Director – Administrative Health Services Officer	25 – 26
District Health Officer	26
Board Comment	26 – 27
Adjournment	28

WASHOE COUNTY DISTRICT BOARD OF HEALTH
June 24, 2010

PRESENT: Denis Humphreys, OD, Chairman; George Furman, MD; Councilman Dan Gustin;
Amy Khan, MD; Commissioner Kitty Jung; and Councilwoman Julia Ratti

ABSENT: Mr. Matt Smith

STAFF: Dr. Mary Anderson, District Health Officer; Eileen Coulombe, Administrative Health Services Officer; Bob Sack, Director, Environmental Health Services; Andrew Goodrich, Director, Air Quality Management Services; Dr. Randall Todd, Director, Epidemiology and Public Health Preparedness; Mary-Ann Brown, Director, Community and Clinical Health Services; Jeanne Rucker, Environmental Health Specialist Supervisor; Noel Bonderson, Air Quality Supervisor; Steve Fisher, Department Computer Application Specialist; Curtis Splan, Department Computer Application Specialist; Cindy Hawks, Office Support Specialist; Scott Monsen, Vector-Borne Disease Program Coordinator; Allan Tobey, Air Pollution Control Specialist; Suzanne Dugger, Air Quality Specialist; Jim English, Senior Environmental Health Specialist; Stacy Hardie, RN, Public Health Nursing Supervisor; Debra Barone, Health Care Systems Liaison; Craig Petersen, Air Quality Specialist; Julie Hunter, Air Quality Specialist; Lori Mendoza, Air Quality Specialist; Janet Smith, Recording Secretary; and Leslie Admirand, Deputy District Attorney

At 1:07 pm, Chairman Humphreys called the Washoe County District Board of Health meeting to order, followed by the Pledge of Allegiance led by Councilman Dan Gustin, District Board of Health member.

ROLL CALL

Roll call was taken and a quorum noted. Mrs. Janet Smith, Recording Secretary, advised that Mr. Smith is excused.

PUBLIC COMMENT

Ms. Sally Weichert, resident of Galena Forest Estates

Requested the status of the REMSA Franchise Agreement.

WASHOE COUNTY DISTRICT BOARD OF HEALTH MEETING

June 24, 2010

Page 2

Mr. Bob Ackerman, resident of Galena Forest Estates

"At his age response time is near and dear to his heart; that he is a strong advocate for having the fire districts being able to attend and transport the patient; that this is nothing against REMSA per se." The area being serviced "relying on a single source is a poor choice." He is "disappointed that, as the Board goes through the agenda" the public does not have the opportunity to present comments to certain agenda items.

Ms. Leslie Admirand, Deputy District Attorney

In response to Mr. Ackerman, advised that the Board does allow comment on items listed on the agenda; that public comment cards are available to "fill out, listing the item number, to allow for public comment on any item" before the Board.

Chairman Humphreys

Advised the audience that anyone, "who would like to present a public comment, may complete a public comment card listing the item number and they will be heard by the Board."

Ms. Ronnie Solaro

Requested an update on the market study and bid process for ambulance services.

In response to Chairman Humphreys

Regarding responding to the public comments, Ms. Admirand advised that "should the Board want to address these questions these issues can be agendaized for a future meeting, as these items are not listed on today's agenda."

APPROVAL/DELETIONS – AGENDA – JUNE 24, 2010

Chairman Humphreys

Item 7.A.1.a. – Air Quality Management Cases – Mertiage Homes of Nevada will be considered separately; that item 7.D. Approval of Subgrant Amendment #1 – Nevada State Health Division,

WASHOE COUNTY DISTRICT BOARD OF HEALTH MEETING

June 24, 2010

Page 3

Bureau of Child, Family and Community Wellness – Maternal Child Health (MCH) Pregnancy Connection Grant Program has been withdrawn.

Upon completion of the meeting there is an Open House at the newly relocated Air Quality Management Division offices.

Dr. Furman

Requested item 7.C.1. Ratification of Interlocal Agreement - Washoe County Health District and the University of Nevada School of Medicine Integrated Clinical Services, Inc., and the University of School of Medicine Multi-Specialty Group Practice North, Inc., in a total amount not to exceed \$11,300, Pertaining to Male Sterilization be considered separately.

**MOTION: Mr. Gustin moved, seconded by Ms. Ratti, that the agenda for the District Board of Health June 24, 2010 meeting be approved as amended.
Motion carried unanimously.**

APPROVAL/ADDITIONS/CORRECTIONS – MINUTES – MAY 27, 2010

Chairman Humphreys

The minutes of May 27, 2010, have been presented in a different format; that he would request the Board members comments regarding this new format.

It was the consensus of the Board to retain the new format.

Chairman Humphreys called for any additions, deletions or corrections to the minutes of the May 27, 2010 meeting.

Dr. Furman stated that he would abstain from the vote.

**MOTION: Dr. Khan moved, seconded by Ms. Ratti, that the minutes of the District Board of Health May 27, 2010 meeting be approved as received.
Motion carried with Dr. Furman abstaining.**

RECOGNITIONS

Mr. Andrew Goodrich, Director, Air Quality Management

Introduced Mr. Allan Tobey, the new Air Quality Specialist in the Monitoring Program; that Mr. Tobey "fills a position which has been vacant for more than two (2) years."

Chairman Humphreys and Dr. Mary Anderson, District Health Officer, presented a Certificate of Recognition to Ms. Cindy Hawks for 10 Years-of-Service.

CONSENT AGENDA – AIR QUALITY CASE – MERITAGE HOMES OF NEVADA – UNAPPEALED NOTICE OF VIOLATION

Staff advised that **Citation No. 4961, Case No. 1053** was issued to **MERITAGE HOMES OF NEVADA** on April 27, 2010, for failure to renew an expired Dust Control Permit D08002 and failure to control fugitive dust emissions on the Breckenridge job site at the corner of Eaglecrest and Grand Summit Drive, in violation of Section 040.030 (Dust Control) of the Washoe County District Board of Health Regulations Governing Air Quality Management. Staff advised that Mr. Manny Silva, Meritage Homes of Nevada, was advised of the right of appeal; however, no appeal was filed; that Staff recommends Citation No. 4961, Case No. 1053 be **upheld** and a fine in the amount of **\$750** be levied.

Mr. Noel Bonderson, Air Quality Specialist

"This case is typical of problems occurring due to foreclosed properties"; that Staff attempted to work with the representatives of Meritage Homes regarding renewal of the required Dust Control Permit and to have the area re-palliatized. Numerous complaints have been received regarding blowing dust emissions from this site; therefore, Ms. Suzanne Dugger, Air Quality Specialist issued a Notice of Violation, which was forwarded by return receipt certified mail to Mr. Manny Silva of Meritage Homes of Nevada with an appeal form. The appeal form delineates various reasons for appealing a Notice of Violation, including the opportunity to appeal a Notice of Violation based upon "no longer owning the property"; that no appeal was received within the allowed period of time. Mr. Silva contacted him (Mr. Bonderson) on Monday of this week and indicated he would email documentation demonstrating that Meritage Homes of Nevada no longer owned the property in question when the violation occurred; however, no documentation has been received, and he did attempt to contact Mr. Silva regarding that documentation.

The Dust Control Plan indicates the Air Quality Management is to be advised as to any change of ownership of property requiring a Dust Control Permit; that AQM received "no notification from Meritage either prior to or after the issuance of the Notice of Violation; therefore, the documentation of record lists Meritage Homes of Nevada as the current owner of the subject property.

To ensure due process he did request that Mr. Silva submit the documentation that Meritage Homes of Nevada "no longer owns the property" and that it would be presented to the District Board for consideration; however, no documentation has been received.

Documentation was submitted that Meritage Homes of Nevada was properly notified and is still considered the owner of record; that Staff recommends the Notice of Violation be upheld and a fine in the amount of \$750 be levied against Meritage Homes of Nevada.

In response to Mr. Gustin

Regarding a representative of Meritage Homes being present, Mr. Bonderson stated that he attempted to contact Mr. Silva "again this morning" regarding the Notice of Violation being considered by the Board of Health today.

In response to Ms. Ratti

Regarding future complaints against this property, Mr. Bonderson advised that Ryder Homes has indicated "the company will be purchasing this property"; however, until such time as Ryder Homes becomes the owner of record or Meritage Homes provides documentation "it is not the owner of record", Staff will continue to respond to complaints and "take enforcement action when appropriate and will continue to cite Meritage Homes as the owner of record.

MOTION: Mr. Gustin moved, seconded by Ms. Jung, that Citation No. 4961, Case No. 1053 (Meritage Homes of Nevada), be upheld and a fine in the amount of \$750 be levied.

Motion carried unanimously.

CONSENT AGENDA – UNAPPEALED NOTICE OF VIOLATION

Staff advised that **Citation No. 4960, Case No. 1054** was issued to **UNR OWNERS LLC** on April 14, 2010, for for failure to renew the expired Dust Control Permits AO8036 and BO8012 for properties located on Military Road, Stead Boulevard and Echo Avenue, in violation of Section

040.030 (Dust Control) of the Washoe County District Board of Health Regulations Governing Air Quality Management. Staff advised that UNR Owners LLC was advised of the right to appeal; however, no appeal was filed; that Staff recommends Citation No. 4960, Case No. 1054 be upheld and a fine in the amount of \$250 be levied.

MOTION: Ms. Jung moved, seconded by Dr. Khan, that Citation No. 4960, Case No. 1054 (UNR Owners LLC), be upheld and a fine in the amount of \$250 be levied.

Motion carried unanimously.

CONSENT AGENDA – BUDGET AMENDMENTS/INTERLOCAL AGREEMENT

The Board was advised that Staff recommends **ratification** of the **Interlocal Agreement** between the **Washoe County Health District** and the **University of Nevada School of Medicine Integrated Clinical Services, Inc.**, and the **University of Nevada School of Medicine Multi-Specialty Group Practice North, Inc.**, in a **total amount not to exceed \$11,300** pertaining to **male sterilization procedures** for the period of July 1, 2010 through June 30, 2011.

Dr. Furman

This is a component of the Family Planning Program, which has been prioritized “to be transferred to the private sector”; that there are other agencies “interested in assuming this program; that it will save the County money.” These other agencies “work efficiently and will continue to do that; that these agencies can apply to provide these services” and those agencies “want to do that.”

The period of the proposed Interlocal Agreement is from July 1, 2010 through June 30, 2011; however, the Agreement “can be terminated by either party with a thirty (30) day notice.”

Ms. Mary-Ann Brown, Director, Community and Clinical Health Services

This Agreement is a with the University of Nevada School of Medicine Multi-Specialty Group to provide essential family planning services, specifically for additional vasectomy procedures through supplemental Title X funding, which was accepted by the Board of Health at a previous meeting.

In response to Chairman Humphreys

Regarding the time period of this Agreement "being contiguous with the time frame of the other grant", Ms. Brown advised that it is contiguous with the other grant.

Mr. Gustin

Questioned Dr. Furman's recommendation is to "not approve this Agreement or to approve it and then provide thirty (30) days notice of termination when another agency has an RFP prepared and is willing to assume the grant."

In response to Mr. Gustin

Dr. Furman stated that he would be "willing to approve this Agreement today"; however, his concern is future financial reductions to the funding for the Health District; that he has supported transitioning the Family Planning Program to other agencies, "which operate quite effectively and have indicated to him that they would like to assume control of this Program." These agencies are willing to apply for the \$700,000 in funding to provide these services; that these agencies "are already providing these services and could do so more effectively than CCHS." He is willing to approve this Agreement today; however, these services "can be done in a different way and [the Health District] should be prepared to terminate."

Mr. Gustin

His concern was "how this structurally would be achieved, and would the Health District be involved in the transition."

In response to Mr. Gustin

Ms. Brown advised that the five (5) year competitive grant cycle ends in 2012, at which time the District Board would make the determination as to direct Staff to reapply for the grant funding or not. Chairman Humphreys and Dr. Anderson have indicated the discussion regarding the Health District submitting an application for the next five (5) year competitive grant will occur at the District Board's Strategic Planning Session in October. Should the Board determine the Health District will not be applying for next competitive grant cycle; that it would then be the decision of other agencies within the community to apply.

In response to Mr. Gustin

Regarding the termination of the contract, Dr. Furman advised that the Agreement can be terminated at any time with thirty (30) days notification. The Board previously discussed the transition of Family Planning Services to other organizations during the "last grant cycle" that "CCHS now proposes to continue the grant through 2012."

Ms. Brown

She reiterated that this Interlocal Agreement being considered was approved previously by the Board of Health; that this is supplemental funding to the current five (5) year grant cycle.

Ms. Jung

"It is her understanding that there was an analysis of the abilities of other providers to assume the Title X funding and it was determined other providers would be ineligible due to being unable to provide free services to those clients who would be unable to pay, which is a primary contingent of Title X." The other issue discussed was the other providers "didn't have the structural ability to provide these services."

In response to Ms. Jung

Ms. Brown advised that there was considerable discussion, including an opinion from legal counsel, with a subsequent analysis performed regarding "two (2) aspects of the Program, including 'at what point would [the Health District] no longer provide Family Planning Title X Services' and 'what is the capacity within the community to successfully apply for the grant in a competitive process'." Staff will continue to dialogue with the community partners as to "what would be appropriate in terms of providing Title X services; that Title X is a very complex grant and a difficult grant to manage. Should the Board's direction be 'to not apply' the WCHD's Clinic would close and hopefully a provider in the community would be successful in that grant application process and would establish a Title X Family Planning Program."

Ms. Jung

Her concern is "if this isn't managed with the proper analytics and be realistic about this" it is possible "this region would no longer be receiving Title X funding, which would be devastating; therefore, she would request the Board be mindful of that; as that is a priority when considering Title X Family Planning and any potential to transfer it to the private or non-profit sector." It is

essential the Program "does not become at risk for losing complete funding from Federal Title X for family planning/reproduction within the community."

Ms. Brown

At the Board's direction, Staff did implement improvement measures to reduce the general funding to 10% (excluding revenue generated) for the Family Planning Program. Reiterated that Chairman Humphreys and Dr. Anderson have indicated the renewal or decision not to renew the Title X grant at the end of the grant cycle will be discussed at the Strategic Planning Retreat in October.

Ms. Ratti

This issue was discussed "in-depth, with the Board receiving quite an amount of information about it"; that the District "did dramatically reduce the amount of matching funds to the minimum absolutely necessary for providing services to the community." She supports that decision "as it was made in the context of the overall budget process"; therefore, "this decision has been made; that the Health District isn't providing a direct service; that it is subcontracted to another agency to provide this service; that it has been determined this entity is capable of doing so in an efficient manner." She recommends "moving forward and supporting this Interlocal Agreement." She would support a more in-depth discussion at the Strategic Planning Retreat regarding "the appropriateness of [the Health District] continuing to provide Title X; however, for this Agreement this decision has already been made."

Dr. Furman

Renown Medical Center has the capacity and the personnel to provide this Program; that "it fits right into their Program; that Planned Parenthood has the capability; that a number of Planned Parenthood programs provide the Title family planning services. In consulting with Region IX he has been advised that "Region IX cannot promise that one of these organizations would be awarded the funding, as it would be necessary for agencies to apply and Region IX to determine which agency would receive the funding." He is not concerned that Washoe County would lose Title X family planning funding should the Health District not apply for that grant.

Chairman Humphreys

This issue has been previously discussed in-depth; that, as noted in today's discussion, this item will be discussed during the Board's Strategic Planning Retreat; that the Agreement being considered today is "a small component of the overall grant application within the Title X funds."

MOTION: Ms. Ratti moved, seconded by Mr. Gustin, that the Interlocal Agreement between Washoe County Health District and the University of Nevada School of Medicine Integrated Clinical Services, Inc., and the University of Nevada School of Medicine Multi-Specialty Group Practice North, Inc., in a total amount not to exceed \$11,300 pertaining to male sterilization procedures for the period of July 1, 2010 through June 30, 2011, be approved and the Chairman authorized to execute on behalf of the Board. Motion carried unanimously.

CONSENT AGENDA – BUDGET AMENDMENT/INTERLOCAL AGREEMENT

The Board was advised Staff recommends **retroactive approval** of the **Washoe County District Health Officer's acceptance** of the **Subgrant Amendment #1** from the **Nevada Department of Health and Human Services, Health Division** for the period of January 1, 2010 to December 31, 2010, in the amount of **\$249,654** in support of the **Immunization Program (IO 10028)**, for the total calendar year of 2010 funding of **\$344,183**.

MOTION: Ms. Jung moved, seconded by Dr. Khan, that the retroactive approval of the District Health Officer's acceptance of the Subgrant Amendment #1 from the Nevada Department of Health and Human Services, Health Division, for the period of January 1, 2010 to December 31, 2010 in the amount of \$249,654 for the total Calendar Year 2010 funding of \$344,183, be approved as presented. Motion carried unanimously.

REGIONAL EMERGENCY MEDICAL SERVICES AUTHORITY

A. Review and Acceptance of the Operations and Financial Report – May 2010

Mr. Jim Gubbels, Vice President of REMSA

The Board members were provided with a copy of the May 2010 Operations and Financial Report; that the emergency response time for life-threatening calls in May was 94% and 97% for non-life threatening calls. The monthly average bill for air ambulance service for May was \$5,493, with a year-to-date average of \$6,432. The monthly average bill for ground ambulance service for May was \$890, with a year-to-date average of \$929.

MOTION: Ms. Ratti moved, seconded by Mr. Gustin, that the REMSA Operations and Financial Report for the month of May 2010 be accepted as presented.

Motion carried unanimously.

B. Update – REMSA's Community Activities Since May 2010

Mr. Gubbels

The April 30, 2010 edition of the *Reno Gazette Journal, Local Life* section, featured an article about Ms. Jessica Bauer, Emergency Medical Technician (EMT), who, while on her way to work, encountered a car fire. Ms. Bauer "contacted dispatch, put on her Nomex (fireproof) jacket and assisted the individual from his vehicle safely; that she remained with the patient until a unit arrived to transport him to the hospital."

Channel 2 News presented a feature on Ms. Ginger Oliveira, Paramedic/Certified Emergency Medical Dispatcher, who assisted a family, "on the phone", in the delivery of their baby; that Ms. Oliveira had the opportunity to later meet the parents and the new baby.

Mr. Bob Ackerman

During an emergency with his wife the first agency on scene was the Sierra Fire Protection District, which "saved his wife who was flat lining"; that REMSA then arrived and transported his wife. "Response time is critical and in their area lives have been lost because of a delayed response time." He is "not disparaging REMSA; however, he would request the Board consider that there should be more than one (1) agency capable of transporting patients to the proper medical care; that Sierra Fire Protection District firemen are trained medical technicians." He lives in a "somewhat remote area on the hillside and [Sierra Fire Protection District] is in a position to respond much quicker and get to the patient"; that "they should be able to carry them into a facility where there is proper care." Reiterated that he would "request [the Board of Health] consider that on the next agenda for discussion and invite the people in from the fire department to speak"; that North Lake Tahoe is a good model as it has the ability to transport.

REVIEW – ACCEPTANCE – MONTHLY PUBLIC HEALTH FUND REVENUE & EXPENDITURE REPORT – MAY 2010

Ms. Eileen Coulombe, Administrative Health Services Officer

The Board members have been provided with a copy of the Health Fund Revenue and Expenditure Report for the month of May 2010. Reviewed the Report in detail, advising that Staff recommends the Board accept the Report as presented.

MOTION: Mr. Gustin moved, seconded by Dr. Furman, that the District Health Department's Revenue and Expenditure Report for May 2010 be accepted as presented.
Motion carried unanimously.

UPDATE – FISCAL YEAR 2011 BUDGET

Ms. Coulombe

There are no new updates on the FY 2011 Budget at this time.

PUBLIC HEARING – WASHOE COUNTY DISTRICT BOARD OF HEALTH REGULATIONS GOVERNING SOLID WASTE MANAGEMENT

1:00pm: This being the time set in a Notice of Public Hearing, heretofore published in the *Reno Gazette Journal* on May 17, 19 and 22, 2010, to consider the amendments and additions to the Washoe County District Board of Health Regulations Governing Solid Waste Management.

- A. Presentation and Discussion of Amendments to Section 010.065 (Commercial Solid Waste Defined); and Section 010.280 (Industrial Waste Defined);
- B. Presentation and Discussion of the Addition of Section 010.150 (Diversion Defined); Section 010.350 (Materials Recovery Facility Defined); Section 020.477 (Recyclable Material Defined); Section 010.482 (Recycling Facility Defined); Section 010.484 (Residential Waste Defined); Section 010.486 (Refuse Defined); Sections 062.110—062.200 (Materials Recovery Facilities and Recycling Facilities)

Ms. Jeanne Rucker, Environmental Health Specialist Supervisor

At the Board's direction, Staff prepared draft Regulations specific to Materials Recovery Facilities (MRF) and recycling facilities. In September 2009, a private investment group presented a proposal to the City of Reno regarding a MRF. It was determined by City of Reno staff that a

mandate diversion must be approved by the Washoe County Health District; therefore, the City of Reno "took no action regarding the proposal." A working group was developed with representatives of Reno, Sparks and Washoe County, to discuss the potential. This issue was discussed by the District Board of Health at the October 2009 Strategic Planning Retreat, with direction to Staff "to expeditiously prepare proposed Regulations and a mandate for increasing the recycling percentage for presentation to the Board for consideration."

In December the first draft was prepared and distributed to the stakeholders; that the first draft included provisions "mandating a certain volume of waste be directed to the MRF upon availability"; however, legal counsel determined the Health District does not have "that authority." A second draft was prepared based upon direction from legal counsel and the substantive comments received from Waste Management of Nevada and 433, LLC. The second draft was disseminated and two (2) public workshops conducted; that the workshops were conducted March 23 and 25, 2010, with sixteen (16) people attending, with Staff answering questions and receiving both written and verbal comments regarding the proposed Regulations.

After the public workshops only substantive revision to the proposed Regulations was the deletion of the "resource recovery facility" term, as it was determined the definition of this type of facility did not substantially differ from a MRF, therefore, it was considered redundant. Additionally, the initial proposal to require diversion of 75% of the solid waste within five (5) years of the effective date of the Regulations was reduced to 35%. The initial recommendation of 75% was based on the proposal by the Governor; however, no legislative bill was approved implementing that percentage; that it was the consensus of those attending the workshops that a 35% mandate was an achievable rate within five (5) years.

The final draft of the proposed Regulations was developed and distributed to the stakeholders and other interested parties on May 14, 2010. The Business Impact Statement is included in the Board members' packet. The only financial impact to the Health District would be the Staff time required to permit a new or modified Materials Recovery Facility or Recycling Facility.

In response to Chairman Humphreys

Regarding "an assigned fee for a permit paying for Staff time", Ms. Rucker stated that established fees do not always "cover the cost of Staff's time"; that she would refer questions regarding "how the fees are derived to Ms. Coulombe and her Staff." Currently the fee is \$268, "which may cover Staff time; however, it would depend upon the scope of the facility as proposed."

In response to Ms. Ratti

Regarding enforcement measures necessary to achieve the 35% diversion rate of solid waste materials, Ms. Rucker advised that Washoe County currently has achieved a recycling rate of approximately 30%; therefore, there is a consensus the 35% is achievable without enforcement efforts. There will be additional goals established for the long-term (post five years), which may require considering the necessity of implementing possible enforcement measures. There is the potential it would be the equivalent of the Health District having to "sue" the Cities of Sparks and Reno, and Washoe County for failure to comply with the diversion rate, as it is the Cities and the County, and not the Health District, which enter into the agreement as to how the waste stream is managed.

Ms. Leslie Admirand, Deputy District Attorney

Stated that "that is an option being reviewed"; that for clarification "the original draft Regulations had a provision that stipulated, once the MRF was constructed, the governmental agencies would be required to adopt an ordinance to divert a certain amount of trash." She advised Staff that the "District Board of Health does not have the authority to mandate any other governmental entity to enact an ordinance." There is a "provision within the proposed Regulations which requires a 35% diversion, which is what can be required within the parameters of the District Board of Health's authority."

In response to Ms. Jung

Regarding the responsibility for mandating the MRF diversion, Ms. Admirand advised that it would be the responsibility of the governing entities; that it is anticipated "this is what will occur."

Regarding the current diversion rate being achieved, Ms. Rucker stated that the current diversion rate in Washoe County is approximately 32%; that should the Legislature require a rate greater than 35%, Staff would present that amended rate to the Board of Health for approval and adoption. Ms. Rucker advised that the State has jurisdiction through the Legislature; that should the Legislature increase the existing 25% goal rate to a higher percentage Staff would have to develop a Plan to achieve that percentage. The Health District monitors the diversion/recycling rate through the companies which are mandated to report recycling rates; that there are a number of other sources from which the Health District obtains data; however, those sources are not mandated to report to the Health District, which "is how Staff determined the 32% rate." Staff will be developing a long-term Solid Waste Management Plan, which will be presented to the Board.

Ms. Jung

She would recommend provisions within the Plan for continuous improvement through "graduated efforts" for the community to achieve.

In response to Ms. Jung

Ms. Rucker advised the intent of the Solid Waste Management Plan is to continually achieve improvements through new technologies. Staff is in the process of researching the development of this Plan; therefore, she would anticipate it will be next year before the Plan is completed for presentation to the Board; that Staff will conduct workshops and request input from "a broader number" of stakeholders in this process. The process of waiting for the 'feedback/input' from the interested parties "is what takes time."

In response to Ms. Ratti

Regarding the entities having the authority to mandate a 35% diversion rate, Ms. Rucker advised that the Health District mandates the diversion rate; however, the District cannot mandate "how" the 35% diversion rate is achieved or to "where" the materials are diverted. There are many diversion points; that with the advent of new technologies Staff anticipates the enterprise will result in the development of additional diversion locations. The 32% diversion rate currently achieved in Washoe County exceeds the State's existing goal of 25% and has exceeded the rates achieved in any other County in the State.

C. Recommendation to Approve and Adopt the Amendments and Additions to the Washoe County District Board of Health Governing Solid Waste Management

Ms. Rucker

Staff recommends the Board approve and adopt the proposed amendments and additions to the Washoe County District Board of Health Regulations Governing Solid Waste Management.

Chairman Humphreys

Declared the Public Hearing open and called upon anyone wishing to speak either in favor of or in opposition to the proposed amendments and additions to the Washoe County District Board of Health Regulations Governing Solid Waste Management.

Mr. John Berkich, Assistant County Manager

He is speaking in support of the proposed Regulations; that Staff is to be commended for an excellent job in developing the amendments and additions; that the County has "worked continuously with Staff on these." The definitions presented "add a lot to this entire issue and are state-of-the-art." His interest is the funding for these facilities, as the definitions address "the future of where [the entities] would like to go with this." The definition of recyclable materials (Section 020.477) provides for methods in which materials can be processed and returned to the economic mainstream in the form of raw materials or other products including the generation of energy, which is a really important and timely topic." The proposed Regulations "are very forward thinking; that the definitions provide for flexibility, as these will change as technology moves forward." There are new technologies and "things being done in other countries that could be done here." The staffs of Reno and Sparks are working with the University of Nevada Reno on an economic feasibility study regarding the three (3) options for recycling facilities, including a waste to energy component; that the study also has an economic development component. When the study becomes available representatives "will work with Staff on that, and will make the findings of the study available." There are two (2) "overarching goals of this study: 1) what is the smallest carbon footprint for the types of processes to be developed to move the community forward; that these have to be implemented on a regional basis; and 2) how it can be achieved at the lowest possible costs." There is a current recycling fee of \$1.25 which is charged per household; that the challenge to the UNR study is what can be accomplished "within that existing revenue stream." He is encouraged by the preliminary portions of the study; that the possibility of funding approximately \$72 million in federally subsidized "recovery zone bonds" is being investigated, which is for supporting a private enterprise that will develop a Materials Recycling Facility (MRF) and a waste to energy facility.

Chairman Humphreys

There being no one else wishing to speak either in favor of or in opposition to the proposed amendments and additions to the Washoe County District Board of Health Regulations Governing Solid Waste Management, the Public Hearing was closed.

Ms. Ratti

She thanked Mr. Berkich for the update and "for being a leader in the efforts in bringing the jurisdictions together to discuss how recycling will be moved forward." It is important to her that the Board of Health "connects with what is occurring"; that she would commend Ms. Rucker in her efforts in preparing the draft Regulations and being aware and involved with what is occurring. She is anxious to review the results of these efforts. She understands the concept of "remaining within the existing revenue from the \$1.25 fee; however, she is confident there are people within the community who would be willing to pay "a little more to achieve the level of diversion increase."

She would encourage that these options be pursued "even if the cost is slightly more or within the realm of possibility" as there is a lot of momentum within the community to implement these types of measures.

Mr. Gustin

He would reiterate Ms. Ratii's comments regarding the efforts of Mr. Berkich and Ms. Rucker "in what they have done." Further, he concurs with Ms. Jung that "an increase from a 32% rate to 35% is not a quantum leap"; therefore, he would question "what incentives could be implemented to increase that rate." When a "pilot study was conducted by Waste Management in Northwest Reno and people realized what was occurring the numbers went through the roof"; that this is an awareness campaign as other aspects of public health are – advising the public as to what is available. This campaign will be tremendously successful once these efforts are implemented, "as there is enthusiastic interest from multiple parties to move forward, which is what is necessary to accomplish these goals." He fully supports the efforts presented by Ms. Rucker and "it is necessary to move forward now."

Ms. Jung

She would commend Ms. Rucker, as she is the Board member who indicated these efforts had to be expedited; that she realizes "this put Ms. Rucker and her Staff under a lot of pressure, and she would thank Staff for that."

Dr. Mary Anderson, District Health Officer

She has received inquiries from Commissioner Breternitz regarding developing regulations specific to bear-proof trash receptacles; that she would request Ms. Jung "communicate to Mr. Breternitz" that the Board's direction to Staff regarding amendments to the Solid Waste Management Regulations took precedence "over his request."

MOTION: Ms. Jung moved, seconded by Mr. Gustin, that the amendments and additions to the Washoe County District Board of Health Regulations Governing Solid Waste Management, be approved and adopted as presented.

Motion carried unanimously.

PRESENTATION – AIR QUALITY UPDATE

Mr. Andrew Goodrich, Director, Air Quality Management

There are five (5) focus aspects of activity within the Air Quality Management Division; that these include the following: 1) Permitting/Engineering of those sources which are categorized air pollutants; 2) Compliance/Enforcement for “those who do not adhere to the requirements of the Regulations; 3) Outreach Education, which is a critical component in teaching the community about “making the right choices in their lifestyle; 4) Air Quality Planning, which is to ensure that construction or modification of new and existing sources complies the requirements of the US Environmental Protection Agency (EPA; and 5) Ambient Air Quality Monitoring, which “is the foundation for everything the AQM Division does; that it provides Staff with the information necessary to make decisions for the community.” Staff will be presenting 2009 Ambient Air Monitoring Networking Plan; and the Washoe County 2009 Air Quality Trends Report; that these Reports have been posted on the Air Quality Management website and the browser; that copies are available for review upon request. Air Quality Management Monitoring Staff will be presenting these Reports; that “this is a first class monitoring network, and he would place it against any other network in the nation.” Ms. Julie Hunter and Mr. Craig Pederson will present an overview of the Ambient Air Monitoring Sites “and the future changes for this network, which gathers the data submitted to US EPA; that Ms. Lauri Mendoza will be presenting a summary of the 2009 Trends Report, which is the data collected from the monitoring sites. Staff is recommending the Board approve and adopt both Reports.

Ms. Julie Hunter, Air Quality Specialist II

She displayed a map depicting the air quality monitoring stations; that there are four (4) stations located within the McCarran Boulevard loop; that one (1) is located immediately adjacent to the loop on the NV Energy property; one (1) north in Lemmon Valley; one (1) south on Toll Road; and one (1) in Incline Village. The next photograph is the exterior of the “Reno3 Monitoring Station”; that this is the largest monitoring station of the network and is located in downtown Reno; that this station is designation as a “SLAM site”, which is a “State and Local Air Quality Monitoring Station.” The parameters measured are meteorology, which are the wind speed (WS), wind direction (WD) and the temperature; that the Particulate Matter (PM) measured is the 2.5 speciation; that the speciation sampler measures 65 different elements and is one (1) out of fifty-four (54) instruments in the speciation trans network. This station also measures PM_{2.5} Carbon and “runs PM_{2.5} and PM₁₀ continuous and manual samplers; that all manual filters are replaced every three (3) days; that all the instrumentation on the roof is maintained on a routine basis.” Staff conducts five (5) weekly checks on all of the continuous samplers, with monthly verifications and quarterly audits on all the instruments on the roof. The next photograph is the inside of the Reno3 Monitoring Station; that the parameters measured inside are Carbon Monoxide; Ozone; Nitrogen Dioxide and Shelter Temperature; that these are monitored on a daily basis at all of the sites. The diagnostics on all of

the instruments are checked weekly; that bi-weekly calibration checks are performed and quarterly audits on all of the gaseous instruments. US EPA Region IX will conduct site visits to audit all of the AQM's instruments.

The next photograph is the AQMD Laboratory, which is located with the AQMD offices; that the laboratory is maintained at a "specific relative humidity and a temperature." The job duties within the Laboratory include pre and post weighing of the filters; filter equilibration; filter preparation; filter QC checks; concentration calculations; and maintenance of equipment."

Mr. Craig Petersen, Senior Air Quality Specialist

He will be reviewing "the significant changes which will be occurring within the monitoring network." The Reno3 Monitoring Station, to which Ms. Hunter referred, has been "chosen to be designated as an NCore (National Core multi-pollutant monitoring station) site. NCore is a component of the "nationwide program designed by EPA to capture nationwide trends in air quality"; that Reno3 is one of sixty (60) urban NCore stations in the nation. Most States have one (1) or two (2) NCore station designations; that Nevada has two (2) due to the geographical differences between Washoe County and Clark County. Urban NCore stations are located adjacent to the largest populations; that urban NCore sites "will cover a total population of approximately 158 million people nationwide; that Staff is proud to be part of that." There will be twenty (20) rural stations, which are noted by the "blue dots on the map, which are between the urban site locations." Urban NCore objectives are: timely reporting of data to the public; emission strategy development; assessing effectiveness of emission reductions and trends; the support of science, health and ecosystem assessments; and compliance with NAAQS (National Ambient Air Quality Standards). The urban NCore network is anticipated to be on-line by January 1, 2011." The parameters measured by NCore are the meteorology, which is wind speed, wind direction, temperature, relative humidity, barometric pressure, precipitation, and solar radiation; that the site will continue to monitor for Ozone; that the AQMD will replace the Carbon Monoxide (CO) and Nitrogen Oxide (NOx) samplers with trace level instruments, which will include the addition of an NOy convertor that measures "reactive Oxides of Nitrogen"; that a trace level sulfur dioxide analyzer. Trace levels of these pollutants have been determined to be "precursor gases in the formation of other pollutants of concern, such as Ozone, PM_{2.5}; that typically the instruments currently in operation will measure to part(s) per million ranges; that the newer trace analyzers will measure to lower part(s) per billion ranges." The AQMD will continue to operate the speciation and trans-network samplers, the PM_{2.5} and PM₁₀ samplers; that the PM coarse parameter will be added, which is PM₁₀ and minus PM_{2.5}; that this will be conducted by both continuous and manual sampling.

The last photograph depicts a "typical winter time inversion above downtown Reno on December 9, 2009, taken by the National Weather Service"; that the photograph depicts the pollutants for which

the AQMD measures. The AQMD's responsibility is to monitor "high quantities of high quality data for the sake of the community and the sake of public health."

In response to Dr. Furman

Regarding the Desert Research Institute's (DRI) three (3) monitoring stations for precipitation temperatures which are "outside of McCarran", Mr. Petersen stated that the AQMD and DRI "can access each other's meteorological data"; that as a component "of the NCore station EPA is requiring the District to have its own precipitation barometric pressure monitor located at the site. The DRI information "could be useful in comparison studies and in establishing weather trends."

Dr. Khan

Commended Staff on the presentations; that she has had the opportunity to tour one (1) of these stations; that if other Board members have not done so, she would encourage them to contact Staff and schedule a tour; that it is very informative and she appreciates the efforts required to maintain these stations. The disaster in the Gulf has resulted in methane gas which formed above the oil and is a product of combustion; that she would question if the AQMD does sentinel testing for gasses.

In response to Dr. Khan

Mr. Petersen stated that EPA requires measure six (6) criteria pollutants: Carbon Monoxide (CO); Ozone (O₃); Nitrogen Dioxide (NO₂); Sulfur Dioxide (SO₂); Particulate Matter (PM) and Lead (Pb); that the NCore site will not be Lead; that there has been "some discussion" regarding measuring ammonia (NH₃) gasses. There haven't been any discussions regarding for methane.

Dr. Khan

She "was wondering if there had been any contemplation for any type of periodic testing for gasses such as methane; that "if you don't look you will never know if it is there; that it certainly has health implications."

Ms. Lauri Mendoza, Air Quality Specialist II

She will be presenting the 2009 Washoe County Air Quality Trends Report (a copy of which was placed on file for the record); that this Report summarizes the data collected between 2000 and

2009; that the purpose of the Report is to summarize the data collected from the Air Quality monitoring sites in Washoe County. The Air Quality Management Division (AQMD) is mandated by both Federal and State Law to monitor and collect ambient air quality data for pollutants that are deemed harmful by the US EPA. The pollutants required to be monitored, and the data mandated to be reported to EPA, are Carbon Monoxide (CO); Ozone (O₃); Nitrogen Dioxide (NO₂); and Particulate Matter (PM₁₀ and PM_{2.5}).

The Clean Air Act mandates the EPA establish the National Ambient Air Quality Standards (NAAQS) for pollutants deemed to be harmful to public health and the environment; that the first Table outlines the Standards for those pollutants. She reviewed the Table in detail, advising that there is the "averaging time; the Primary Standard; and Secondary Standard" for each pollutant. Staff previously monitored for Lead (Pb) emissions; however, it was determined in the late '80s early 90s not to be significant problem in the County; that Staff "can somewhat track lead emissions, as every permitted source in Washoe County is required to submit an emissions report to the AQMD at the end of the year. She reviewed Washoe County's current "attainment/non-attainment status" for each of the pollutants based upon the averages within the geographic areas. Presented the Table of the 2009 Ambient Air Quality Index (AQI) Report for Washoe County for each month, noting the number of days within the "Good, Moderate, Unhealthy for Sensitive Groups; Unhealthy; Very Unhealthy; and Hazardous"; that in December 2009, there were two (2) incidences in which the ambient air quality reached the "unhealthful range." Washoe County had good ambient air quality for the vast majority of 2009; that on December 9, 2009, which was the coldest day of the year, with 19 degrees Fahrenheit being the recorded high and 6 degrees Fahrenheit being the recorded low, resulting in the beginning of a serious inversion episode. A strong low-pressure system had resulted in a heavy snowfall to the area, followed immediately by cold air settling into the region with the cold temperatures producing strong inversions high pollution levels; that December 9, 2009 "was the start of several inversion episodes." The Air Quality Index (AQI) reached 100 necessitating an Emergency Episode Plan being activated; that the highest PM_{2.5} concentrations for the year were recorded resulting in three (3) exceedances of the 24-hour PM_{2.5} NAAQS.

In response to Dr. Anderson

Regarding the acronym PM, Ms. Mendoza advised that PM is Particulate Matter; that PM₁₀ is Particulate Matter less than 10 microns in diameter; that PM_{2.5} is Particulate Matter which is 2.5 microns or less in diameter.

Ms. Mendoza

The last slide depicts the Air Quality for the District by "Year and Classification" from 2000 through 2009; that beginning in 2003 the District experienced fewer moderate days and an increased number of good days; that this can be attributed to "overall favorable weather conditions; advances in new technology; and the Programs implemented and monitored by the Air Quality Management Division. The Programs have been implemented for several sources from motor vehicles, residential woodstoves/residential wood combustion devices, federal tailpipe emission standards; oxygenated fuels; gasoline dispensing vapor recovery systems, road sanding, etc.

In 2008 during the California wildfires resulting in Washoe County experiencing eleven (11) days within the unhealthful range and nine (9) within the "very unhealthy range"; that the cold weather and inversions in 2009 resulted in eight (8) days in the "unhealthy range" and two (2) in the "very unhealthy range."

Chairman thanked Staff for the reports.

**MOTION: Mr. Gustin moved, seconded by Dr. Khan, that the Washoe County Air Quality Management Division 2009 Ambient Air Monitoring Network Plan; and the Washoe County 2009 Air Quality Trends Report be accepted and adopted as presented.
Motion carried unanimously.**

DISTRICT BOARD OF HEALTH MEMBER – ATTEND NATIONAL ASSOCIATION OF LOCAL BOARDS OF HEALTH (NALBOH) 2010 CONFERENCE – APPROVAL OF EXPENDITURES OF TRAVEL FUNDS FOR SAID MEMBERS

Chairman Humphreys

The National Association of Local Boards of Health 2010 Annual Conference is scheduled for August 5 – 7, 2010, in Omaha, Nebraska; that Dr. Furman has indicated he is willing to attend on behalf of the Board; that it is necessary to approve this selection and the associated travel expenditures for this Conference.

**MOTION: Mr. Gustin moved, seconded by Ms. Jung, that Dr. Furman be appointed as the Washoe County District Board of Health representative to attend the 2010 NALBOH Conference, between August 5 – 7, 2010, in Omaha, Nebraska; that payment of the expenditures associated with the attendance at the Conference be approved.
Motion carried unanimously.**

RECOMMENDATION – ADJUST SALARY -- AMOUNT OF THE INSURANCE CONTRIBUTION –
DISTRICT HEALTH OFFICER

Chairman Humphreys

In accordance with the County's determination to reduce the salaries of the members of the Board of County Commissioners and other Department heads, Dr. Anderson, as the District Health Officer, has submitted a request to adjust both her salary and the amount of her insurance contribution as determined by the County. Pursuant to Section 4. Salary, Subsection B. and D. of the District Health Officer's Employment Agreement, any adjustments to the District Health Officer's salary must be approved by the District Board of Health. He "really respect Dr. Anderson's request to be consistent with the County's determination for all other Department heads and the overall intent of what needs to be accomplished.

Mr. Gustin

He "appreciates Dr. Anderson's hard work, as he knows so does Staff and the Board members; that he would question if she has had a raise since becoming the District Health Officer."

Dr. Anderson

In response to Mr. Gustin, Dr. Anderson advised that she received a raise after her first year as the District Health Officer; however, she voluntarily declined the offer of a salary increase the following two (2) years; that she has only received the one (1) salary increase.

Mr. Gustin

He also appreciates Dr. Anderson's efforts.

MOTION: Ms. Jung moved, seconded by Mr. Gustin, that pursuant to Section 4, Subsections B. and D. of the Employment Agreement, Dr. Anderson's salary and insurance contributions be adjusted in accordance with the County's determination of the necessary adjustments for all County Department heads.

Motion carried unanimously.

STAFF REPORTS AND PROGRAM UPDATES

A. Director – Epidemiology and Public Health Preparedness

Dr. Randall Todd, Director, Epidemiology and Public Health Preparedness, presented his monthly Division Director's Report, a copy of which was placed on file for the record.

B. Director – Community and Clinical Health Services

Ms. Mary-Ann Brown, Director, Community and Clinical Health Services, presented her monthly Division Director's Report, a copy of which was placed on file for the record.

Ms. Brown

Pursuant to Ms. Jung's question last month regarding teen pregnancy rates specific to Washoe County, she has provided the Board with that information; that Washoe County is "slightly lower than Nevada's overall pregnancy rates for teens (15 – 19 years of age). Southern Nevada's rate for 2008 was 64.1 as compared to Washoe County's rate of 58.0; that in the last three (3) years Southern Nevada has achieved a limited decrease of 70 teen births in every 1,000 births to 64.1; that Washoe County has "remained relatively flat."

C. Director -- Environmental Health Services

Mr. Bob Sack, Director, Environmental Health Services, presented his monthly Division Director's Report, a copy of which was placed on file for the record.

Mr. Sack

The Board members have been provided with an attachment regarding the "Vector-Borne Disease Prevention Program Funding and Service Levels", Attachment A (a copy of which was placed on file for the record).

He would commend Staff for the response to the complaints regarding rotting meat in a Butcher Boy freezer located behind the store located on Rock Boulevard in Sparks; that he would thank

legal counsel for her assistance in resolving the proper disposal of the meat and the subsequent clean-up by Staff. The estimated cost for Staff's response is approximately \$4,500.

In response to Ms. Jung

Regarding "charging the responsible party for these costs", Mr. Sack advised Ms. Admirand is currently reviewing Bankruptcy Law, as the Butcher Boy is in bankruptcy; that it is the intent of the Health District to charge and collect the costs associated with the response. This is the "first time that the Health District has done this; that it was in response to a new Law adopted during the last Legislature."

Dr. Anderson

She, too, would commend Staff's management of the response, including "the odors, the sights and the public media's interest in the event"; and to Ms. Admirand "for assisting Staff in working through this" endeavor; that through her assistance Staff was able to obtain the keys to the freezer "before the incident went on any longer than it already had." Staff and Ms. Admirand "all acted very professionally and again, she really appreciates that effort."

D. Director – Air Quality Management

Mr. Andrew Goodrich, Director, Air Quality Management, presented his monthly Division Director's Report, a copy of which was placed on file for the record.

Mr. Goodrich

Reminded those present that the Air Quality Management Division will be hosting an "open house" of the new AQMD offices, which are again located at the County complex.

E. Administrative Health Officer

Ms. Eileen Coulombe, Administrative Health Officer, presented her monthly Administrative Health Services Officer Report, a copy of which was placed on file for the record.

Ms. Coulombe

As with the H1N1 outbreak response being cross-divisional the Community Wide Hospital Hazmat Evacuation Drill "*Operation Smooth Move*" was a community-wide exercise that included participation from multiple counties and two (2) neighboring states. She would commend Ms. Laurie Griffey and Ms. Debra Barone, Health Department Staff for their efforts in this exercise; that Staff was involved in the planning of this exercise since October 2009 and had been a goal of the IHCC (Inter-Hospital Coordinating Council) for more than two (2) years. In the future the new Emergency Medical Systems Coordinator will assume the responsibilities of participating in the planning and training of these events; that these exercises provide "a wonderful opportunity to refresh people on the emergency plans; that she appreciates the efforts of Staff in these events."

F. District Health Officer

Dr. Mary Anderson, District Health Officer, presented her monthly Health Officer's Report, a copy of which was placed on file.

Dr. Anderson

During the State Board of Health meeting on June 18, 2010, the Nevada Clean Indoor Air Act was discussed and that there will be additional workshops required as a result of the deliberations of the State Board of Health specific to implementing "Regulations which can be accepted by the various parties involved.

BOARD COMMENT

Chairman Humphreys

The first meeting of the District Board of Health Ambulance Service Committee was conducted yesterday; that there will be a follow-up report at next month's meeting; that this update will be agendaized for next month. Issues presented today by the public may be addressed during this follow-up report, including the REMSA Market Study and the status of the REMSA Franchise. The role of the District Board of Health is "to ensure the residents of the County receive the best support of the Health District; that the District Board of Health is responsible for reviewing policies to ensure that." The Board of Health "does have some oversight responsibilities in regard to REMSA and the Ambulance Study Committee is reviewing those to ensure compliance and fulfilling those obligations. Some issues, which the public may consider by the public (i.e.,

WASHOE COUNTY DISTRICT BOARD OF HEALTH MEETING

June 24, 2010

Page 27

emergency transport, emergency medical services, etc.) may be outside the realm of the Board of Health; that should it be determined it is necessary for other entities to participate in discussions it would be the directive of the Board to request those entities participate in discussions. The Board does keep the public's health in mind."

The Board of County Commissioners' final deliberation on the Diamonte Fire Services Study will be agendaized for next month.

Ms. Jung

The agenda items she is requesting "do not have to be expedited"; that she would request an update "on sharps in the waste stream, including any policy specific to this issue and any possible sanctions" for violations." A Staff report on the feasibility of a County compost program; that she is willing to assist in the process. The Golden Valley Property Owners Association has recently received approval from the Board of Washoe County Commissioners to conduct a pilot project for a community composting project.

Mr. Gustin

He would commend Councilwoman Ratti's efforts in organizing the publicity efforts to promote "Bike to Work Week", as those efforts are always important.

Chairman Humphreys

He reminded the Board members of the scheduled joint meeting with the Board of County Commissioners and the District Board of Health on Tuesday, July 13, 2010, beginning at 9:00 am, in the County Commissioners' Caucus Room.

He reminded those present of the Air Quality Management Division's "open house" of the new offices immediately after the meeting.

WASHOE COUNTY DISTRICT BOARD OF HEALTH MEETING

June 24, 2010

Page 28

There being no further business to come before the Board the meeting was adjourned at 2:50 pm.

for *Ronald L. Todd, Acting DHO*
MARY A. ANDERSON, MD. MPH, FACPM
DISTRICT HEALTH OFFICER, SECRETARY

Janet Smith
JANET SMITH
RECORDER



WASHOE COUNTY HEALTH DISTRICT

AIR QUALITY MANAGEMENT DIVISION



Public Health
Prevent. Promote. Protect.

DATE: June 24, 2010

TO: District Board of Health

FROM: Andrew Goodrich, Director, Air Quality Management

SUBJECT: Meritage Homes of Nevada – Case No.1053
Unappealed Citation No. 4961
Agenda Item: 7.A.1.a.

Recommendation

Air Quality Management Division Staff recommends that Citation No. 4961 be upheld and a fine of \$750 be levied against Meritage Homes of Nevada for failing to renew expired dust control permit D08002, located at the Breckenridge job site on the corner of Eaglecrest and Grand Summit Drive in Reno, Nevada. The Citation was issued for a violation of Section 040.030 of the District Board of Health Regulations Governing Air Quality Management. The fine recommendation was not negotiated because of failed contact by Meritage Homes of Nevada.

Background

On March 25, 2010, AQ Specialist Dugger spoke with Mr. Manny Silva of Meritage Homes of Nevada regarding the permit due to expire on April 9, 2010, and that the site was in need of being re-palletized. According to Mr. Silva, he was going to re-palletize the site within one to two weeks and that he would also be sure to renew the dust control permit. On April 9, 2010, Air Quality Specialist, Suzanne Dugger received notice that the Dust Control Permit D08002 had expired. After further inspection, AQ Specialist Dugger discovered that the site had not been re-palletized nor has the dust control permit been renewed. AQ Specialist Dugger left numerous messages for Mr. Silva and received no response of any kind. Based on Mr. Silva's failed response, AQ Specialist Dugger issued Notice of Violation Citation No. 4961.

Alternatives

1. The District Board of Health may determine that no violation of the regulations has taken place and dismiss Citation No. 4961.
2. The Board may determine to uphold Citation No. 4961 but levy any fine in the range of \$250 to \$750.

In the event the Board determines to change the proposed penalty, the matter should be continued so that Meritage Homes of Nevada may be properly noticed.

Andrew Goodrich, REM
Director, Air Quality Management Division

IB/DC: ma

DBOH AGENDA ITEM # 7.A.1.a.

P.O. BOX 11130 Reno, NV 89520-0027 • (775) 784-7200 • FAX (775) 784-7225

www.washoecounty.us/health

WASHOE COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER HIRING EMPLOYMENT ELIGIBLE APPLICANTS
Printed on Recycled Paper

CHRONOLOGY OF COMPLIANCE ACTIONS

MERITAGE HOMES OF NEVADA

Notice of Violation – Warnings

0 Warnings

Notice of Violation – Citations

Date

3/26/2007	NOV 4654	Dust
3/26/2008	NOV 4680	Dust
5/19/2009	NOV 4697	Dust
4/27/2010	NOV 4961	Expired Permit

✓



WASHOE COUNTY DISTRICT HEALTH DEPARTMENT
AIR QUALITY MANAGEMENT DIVISION
401 RYLAND STREET, SUITE 331 • P.O. BOX 11130 • RENO, NV 89520
(775) 784-7200



NOTICE OF VIOLATION

C27APR10021
11 11 22

DATE ISSUED: 4-27-2010

NOV 4961

ISSUED TO: MERITAGE HOMES OF NEVADA PHONE #: 707-359-2000

MAILING ADDRESS: 1800 SUTTER ST. #500 CITY/ST: CONCORD ZIP: 94520

NAME/OPERATOR: MANNY SILVA PHONE #: 925-383-2927

DRIVER LICENSE #/SSN _____

YOU ARE HEREBY OFFICIALLY NOTIFIED THAT ON 4-27-2010 (DATE) AT 10:00 A.M. (TIME), YOU ARE IN VIOLATION OF THE FOLLOWING SECTION(S) OF THE WASHOE COUNTY DISTRICT BOARD OF HEALTH REGULATIONS GOVERNING AIR QUALITY MANAGEMENT:

MINOR VIOLATION OF SECTION:

MAJOR VIOLATION OF SECTION:

040.030 DUST CONTROL

030.000 OPERATING W/O PERMIT

040.055 ODOR/NUISANCE

030.2175 VIOLATION OF PERMIT CONDITION

040.200 DIESEL IDLING

030.105 ASBESTOS/NESHAP

OTHER _____

OTHER _____

VIOLATION DESCRIPTION: 040.030 SEC. C. 3. EXPIRED DUST CONTROL PERMIT

LOCATION OF VIOLATION: BRECKENRIDGE JOB SITE (CORNER OF EAGLECREST & GRAND SUMMIT DRIVE) RENO NV.
POINT OF OBSERVATION: BRECKENRIDGE JOB SITE - EXPIRED PERMIT.

Weather: CLOUDY - RAINY Wind Direction From: N E S W

Emissions Observed: _____
(If Visual Emissions Performed - See attached Plume Evaluation Record)

WARNING ONLY: Effective _____ a.m./p.m. _____ (date) you are hereby ordered to abate the above violation within _____ hours/days. I hereby acknowledge receipt of this warning on the date indicated.

Signature _____

CITATION: You are hereby notified that effective on 4-27-2010 (date) you are in violation of the section(s) cited above. You are hereby ordered to abate the above violation within IMMEDIATELY hours/days. You are further advised that within ten days of the date of this violation you may submit a written notice of appeal to the Chairman, Hearing Board, P.O. Box 11130, Reno, Nevada 89520. Failure to submit a notice of appeal in the time specified will result in submission of this violation to the District Board of Health, together with a request that an administrative fine be levied against you. If you do not wish to file an appeal the appropriate fine may be paid at the District Health Department.

SIGNING THIS FORM IS NOT AN ADMISSION OF GUILT

Signature: UNAVAILABLE FOR SIGNATURE Date: 4-27-2010

Issued by: Shanne Dwyer Title: AQS II

WASHOE DOES NOT DISCRIMINATE ON THE BASIS OF SEX, RACE, COLOR, AGE, RELIGION, DISABILITY OR NATIONAL ORIGIN IN THE ACTIVITIES AND OR SERVICES WHICH IT PROVIDES. IF YOU HAVE ANY QUESTIONS, PLEASE CALL WASHOE COUNTY HUMAN RESOURCES - 328-2080; TDD NUMBER 328-3685.



DISTRICT HEALTH DEPARTMENT

AIR QUALITY MANAGEMENT DIVISION



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Conditional Dust Control Permit Approval # **D08002**

1

Name of Development: **Breckenridge** (31 Acres Disturbed)

Specific Location: Eaglecrest & Grand Summit Drive

Property Holder: Meritage Homes of Nevada Expiration Date: **April 9, 2010**

The following requirements are special conditions of approval for this dust control permit in addition to the standard conditions noted in the permit application. The special conditions noted below must be followed in all activities covered in this permit application.

1. **Two (2) water trucks** will be assigned and available for operation 24 HOURS A DAY, 7 DAYS A WEEK for the purpose of water application for control of fugitive dust. If **two water trucks** cannot control fugitive dust emissions from equipment operations and/or gusty wind conditions, the applicant shall immediately provide additional water trucks. CESSATION OF OPERATIONS IS REQUIRED IF DUST CANNOT BE CONTROLLED DUE TO EQUIPMENT OPERATIONS AND/OR GUSTY WIND CONDITIONS. IF CESSATION OF OPERATIONS IS USED AS A DUST CONTROL MEASURE, CONTINUED WATERING OF THE PROJECT IS REQUIRED.
2. Dust emissions generated on any entrance or exit haul roads due to equipment operations or gusty wind conditions must be controlled 24 hours a day, 7 days a week, by the use of water application or an environmentally safe dust palliative (District Regulation 040.030, Section C. 2. a. and b.) Any palliative used must comply with state and local regulations and not provide a noxious odor or contaminate ground water.
3. All projects importing or exporting dirt, rock or other fill materials must comply with the work practice standards in District Regulation 040.030, Section C. 4., including load tarping, watering or Freeboard. Any soil tracked onto adjoining paved roadways will be promptly removed by wet broom or washing. Regular vacuum or wet sweeping will be performed at least daily, and more often if necessary or if ordered by the Control Officer due to a violation. Any materials tracked out or spilled which cause visible fugitive dust for a period of five (5) minutes in any hour period shall be cleaned up immediately.
4. Any soil or fill storage piles operated or maintained as a part of this construction lot will be covered or wetted down sufficiently to prevent wind blown dust. Dust emissions from screening operations will be controlled by the use of a water truck or other control measure that prevents fugitive dust.

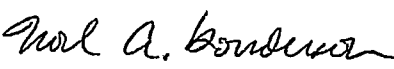
Conditional Dust Control Permit # D08002
Breckenridge * Eaglecrest & Grand Summit Drive

5. The applicant shall implement additional dust control measures, such as extra water trucks, water cannons, re-vegetation, environmentally safe dust palliatives (which comply with all applicable regulations and do not emit a noxious odor and do not contaminate ground water), wind fencing, and/or cessation of operations should these measures fail to control fugitive dust emissions from this project.
6. Once final grade has been completed, and if no structures are being constructed, the owner/developer shall be required to establish a long-term stable surface. This shall include re-vegetation or covering the disturbed soil with rock or crushed asphalt products within 30 days of completion of final grade. The use of an approved palliative is an option, but must be approved by the Air Quality Management Division (AQMD) prior to application.
7. The applicant shall provide a Material Safety Data Sheet (MSDS) and dilution ratio to AQMD staff for any dust palliative selected for use as a dust control measure at this site.
8. A copy of this dust control permit shall be maintained at the construction project site and available to any sub-contractor or Air Quality Management Division inspector to review upon request.
9. ANY CHANGES MADE TO THE PROPOSED OPERATIONS, SCOPE OF WORK OR SURFACE DISTURBANCES UNDER THIS DUST CONTROL PERMIT shall be submitted to the District Health Department in writing and must receive approval from the Control Officer prior to implementation.
10. The owner or the general contractor shall erect an informational sign at the main entrance to the project site. The sign shall be a minimum of 4 ft by 4 ft in size, and shall be in place prior to initiation of disturbance of the ground surface. The sign lettering shall be at least 4 inches high and shall be bold and easily readable by the public. The sign shall remain in place for the life of the project. The sign shall include the following information, also see attached example:
 - a) The name of the project.
 - b) A statement identifying the General Contractor.
 - c) A statement proclaiming that "All operators at this site are required to control dust emissions from their operations. The General Contractor is required to oversee and control project wide dust emissions."
 - d) A statement proclaiming that "For dust related problems coming from this site, or to make a dust complaint, call this phone number 24 hours per day, seven days per week: (775) 784-7200. A 24-hour phone number for both the Contractor/Developer and the Air Quality Management Division shall also be posted. The 24-hour phone number for complaints to the Air Quality Management Division is (775) 784-7200.

Conditional Dust Control Permit # D08002
Breckenridge * Eaglecrest & Grand Summit Drive

11. A log book of all dust control operations, containing all information as required by the Control Officer in the standard "**WASHOE COUNTY DUST CONTROL LOG**" must be maintained on a daily basis (copies of blank log sheets are available at the Air Quality Management Division office). Required information includes, but is not limited to, the number of **OPERATING** water trucks/pulls, the size of **OPERATING** water trucks/pulls (gallons capacity of each truck/pull), and the condition of the surface crust on disturbed areas. The operator shall record in the logbook all dust control efforts and the compliance level of the site with dust control requirements. The logbook shall be kept at the project site and made available to District representatives upon request.
12. Visible dust may not be emitted into the air from any operations or disturbed areas of this project for more than 5 minutes in any hour period (Regulation 040:030, Section C. 1). All disturbed areas must maintain a visible surface crust or other cover in compliance with Regulation 040.030, Section C.2.c. Compliance shall be determined using US Environmental Protection Agency Reference Method 22, with an observation period of not less than 5 minutes in any hour period. Copies of District Regulations, enforcement policies and USEPA Reference Testing Methods may be obtained by contacting the Air Quality Management Division at (775) 784-7200.
13. Failure to comply with all of the requirements of this Dust Control Permit shall be considered a citable violation of District Regulations and this dust control permit. Citations may be issued for each day of violation, in amounts up to \$10,000.00 per day as stated in District Regulations.
14. Any use of recycled wastewater from a public or private sewer treatment plant must take into account the protection of public health.

NOTE: All operators who clear more than one (1) acre of land also need an NPDES permit addressing water quality issues related to storm run-off from the Nevada Division of Environmental Protection. Contact the Bureau of Water Pollution Control, at (775) 687-9418 for further information.



Control Officer

October 10, 2008
Effective Date

April 9, 2010
Expiration Date

THIS IS NOT A GRADING PERMIT. THESE CONDITIONS ADDRESS DUST CONTROL ONCE THE GRADING PERMIT HAS BEEN OBTAINED. IF THE GRADING PERMIT IS DENIED THIS PERMIT IS VOID.



DISTRICT HEALTH DEPARTMENT

AIR QUALITY MANAGEMENT DIVISION



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DUST PERMIT CHANGE VERIFICATION

Meritage Homes of NV
Manny Silva
1800 Sutter Street, Suite #500
Concord, CA 94520

Permit No: **D08002**

Name of Project: **Breckenridge**

Location: **Eaglecrest Drive (corner of Grand Summit & Eaglecrest Drive)**

The Washoe County Health District, Air Quality Management Division (AQMD) has officially removed the General Contractor/Grading-Excavating Contractor on Dust Control Permit **D08002**. This means that **Meritage Homes of NV** is now responsible for all dust control activities on the site as stated in the permit.

According to our records, this Dust Control Permit will expire on **April 9, 2010**. If the project has not been completed, **Meritage Homes of NV** will be required to renew the Dust Control Permit for this site prior to the expiration date. This involves submitting a new Dust Control Plan application, as well as paying the applicable fees based on the portion of the site that has not yet been developed, or has not been re-vegetated and/or otherwise permanently stabilized to prevent the generation of fugitive dust. The Dust Control Plan application can be found on our web site at www.washoecounty.us/health.

Note that **Meritage Homes of NV** will be responsible for adequate dust controls on this site in compliance with the District Board of Health Regulations Governing Air Quality, Section 040.030.

Please contact the AQMD office at (775) 784-7200 if there are any questions on the dust control requirements for this site.

Thank you for your cooperation,

Mary Ames
Washoe County Health District
Air Quality Management Division

cc: Q & D Construction, Lance Semento

P.O. BOX 11130 Reno, NV 89520-0027 • 401 Ryland Street, Ste. 331 • (775) 784-7200 • FAX (775) 784-7225

www.washoecounty.us/health

Dust Control Permit - Change of Responsibility

WASHOE COUNTY HEALTH DISTRICT * AIR QUALITY MANAGEMENT DIVISION
401 Ryland Street, Suite 331, Reno NV 89502-0027 * (775) 784-7200 * Fax (775) 784-7225

To transfer, add or remove the Owner/Developer, Engineer/Consultant, General Contractor or the Grading/Excavating Contractor from the Washoe County Air Quality Management Dust Control Permit. This form must be submitted to the Air Quality Management Division, 10 working days before the change of information.

Dust Control Permit #: D08002 Name of Development: Breckenridge

Development Address: D Eaglecrest Dr Expiration Date of Permit: 4/9/10
9 Grand Sierra

Company to be removed or replaced from Permit: Q&D Construction, Inc.

The following contact information is for the new (circle one):

Owner/Developer * Engineer/Consultant * General Contractor * Grading/Excavating Contractor

New Company Name: _____

Contact Person: _____ Title: _____

Phone number: _____ Address: _____

City: _____ State: _____ Zip Code: _____

Email: _____

In requesting the company's name being removed from the Dust Control Permit for this Development, I certify that (circle):

- 1) All of our company's work is complete and all contractual obligations at this site are fulfilled and/or terminated.
- 2) All of our company's equipment has been removed from the site and will not return for later work.
- 3) Notification of completion and/or departure from the development is made to the persons or companies with whom we contracted.

Under penalty of perjury, to the best of my knowledge formed after a reasonable inquiry, the information supplied in this document is true and correct.

Lance Sementa
Signature

LANCE Sementa
Print or Type name

Q&D Construction, Inc.
Company Name

2/12/09
Date

SR. V.P. ENV.
Title

775-786-2677
Phone Number

DUST CONTROL PERMIT APPLICATION

WASHOE COUNTY HEALTH DISTRICT * AIR QUALITY MANAGEMENT DIVISION
401 Ryland Street, Suite 331, Reno NV 89502-0027 * (775) 784-7200 * Fax (775) 784-7225

FEE: \$117.00 per acre (Less than .5 acres round down; .5 and greater round up)

THE "APPLICANT" IS RESPONSIBLE FOR ALL DUST CONTROL 24 HOURS A DAY, SEVEN DAYS A WEEK, INCLUDING WEEKENDS AND HOLIDAYS, FROM COMMENCEMENT OF PROJECT TO COMPLETION.

008002

The Applicant must be the Property Owner/Developer, and signed by the Applicant or **AREA 1** his Attorney in Fact. The application must be filled in completely or it will be returned for completion.

- Name of Development: Breckenridge 3
- Development Address: Zero ~~By~~ Eaglecrest Dr. (corner of Grand Summit & Eaglecrest Dr.)
- Size of Project (disturbed acres): 31 (two (2) WATER TRUCKS)
- Type of Project (choose one):
 Residential - Single Family Residential - Multi Family _____ Commercial with Residential _____
 Road Construction - New _____ Road Construction - Maintenance/Rehabilitation _____
 Commercial / Industrial _____ Municipal/Utilities _____
- If renewing an existing permit, list permit number: A07048

NOTE - - The Dust Control Permit is valid for eighteen (18) months from the date of approval. If the project is not complete or has not commenced by the expiration date, the Applicant must submit a renewal application to the Air Quality Management Division. Failure to do so will result in the Permit expiring and could result in a citation.

- APPLICANT -- Name and current Address of Property Owner/Developer:
 Owner/Developer: Meritage Homes of NV Contact: Manny Silva
 Address: 1800 Sutter Street, Suite #500
 City: Concord State: CA Zip: 94520
 Phone Number: 925-288-0088 Fax Number: 925-288-9930 Email: manny.silva@meritagehomes.com
707-359-2000

- Name and current Address of Project Engineer/Consultant:
 Engineer/Consultant: Summit Engineering Corp. Contact: Tom Hannum
 Address: 5405 Mae Anne Avenue
 City: Reno State: NV Zip: 89523
 Phone Number: (775) 747-8550 Fax Number: (775) 747-8559 Email: _____

- Name and Address of General Contractor:
 Contractor: ~~Q+D Construction, Inc~~ Contact: 2/12/2009 Q+D Removed
 Address: ~~1050 S. 21st Street~~ "see attached"
 City: ~~Sparks~~ State: NV Zip: 89431-5596
 Phone Number: (775) 786-2677 Fax Number: (775) 786-5136 Email: _____

- Name and Address of Grading/Excavating Contractor:
 Contractor: ~~Q+D Construction, Inc.~~ Contact: Responsibility
 Address: ~~1050 S. 21st Street~~ Meritage Homes of NV
 City: ~~Sparks~~ State: NV Zip: 89431-5596
 Phone Number: (775) 786-2677 Fax Number: (775) 786-5136 Email: _____

11. Proposed Construction Dates - Per Phase (provide grading and phasing maps):
 On-Site Grading/Excavation: Start: _____ Complete: Yes
 Building Construction: Start: unknown Complete: unknown
12. Will fill material be required? Yes _____ yd³ _____ No
13. Will there be an excess of native material as a result of excavation? Yes yd³ 15K No _____
14. Amount of Material to be excavated (yd³): 15K
15. Is there a soil analysis report available? Yes No _____
16. On-Site soil type: Structural
17. Method of dust control to be utilized (per phase): (attach a map showing dust control strategy-utilize scale with contours)

Water Truck(s) 2 (number of trucks)
 Chemical Sealant @ end of project (type - attach MSDS Sheets)
 Sprinklers/Water Cannons Yes (locations)
 Compaction 90% complete (percent)
 Enclosure NO (fences, windbreaks)
 Revegetation Yes (type - attach seeding schedule)
 Will temporary irrigation be supplied? Yes No _____
 Water Source: Metered
 Speed Limits 25 Other _____

NOTE - - Permanent stabilization methods such as construction/landscaping, revegetation, chemical sealant/palliative, or other approved method(s) of dust suppression must occur "within 30 days of grading completion". Dust suppression must continue regardless of construction status.

18. Method to control mud and soil being tracked onto adjacent paved roadways: Street Sweeping
19. Frequency of daily street cleaning: Weekly
20. Describe the methods (fences, barriers, etc.) to prevent unauthorized traffic on the construction site(s):
Paved Roads / Fencing @ entrance
21. Persons to be contacted during non-working hours in case of dust problems:
 Name & telephone #: Manny Silva - 925-383-2927 Email: manny.silva@meritagehomes.com
 Name & telephone #: _____ Email: _____

22. The Applicant's (Owner/Developer) signature or that of his/her Attorney in fact on this application shall constitute agreement by the Applicant to accept responsibility for meeting the "Conditions of Plan" (attached):

Manny Silva
 Signature
Manny Silva
 Print or type name
Meritage Homes
 Company Name

9-30-08
 Date
Director Land Development
 Title
(925) 383-2929
 Phone Number



Meritage Homes
 1800 Sutter Street, Suite #500
 Concord, CA 94520
 Tel: (925) 288-3033
 Fax: (925) 363-9357

Letter of Transmittal

TO: Washoe County Health District
401 Ryland Street #331
Reno, NV 89502

Date: 10/1/08
 Attention: Air Quality Mgmt Division
 RE: Breckenridge
Reno, NV

We are sending you: Attached Under separate cover via _____ the following items
 Shop drawings Prints Plans Samples Specifications Other: _____

COPIES	DATE	NO.	DESCRIPTION
	10/01/08		Check #25104329 (\$3,627.00)
	09/30/08		Renewal Application Permit #A07048 expired 9/30/2008

THESE ARE TRANSMITTED as checked below:

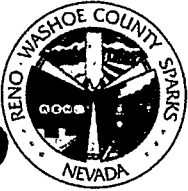
- For Approval Approval as submitted Resubmit _____ copies for approval
 For your use Approved as noted Submit _____ copies for distribution
 As requested Returned for Corrections Return _____ corrected
 For BIDS due _____ Other: _____
 Shop drawings will be sent "FOR APPROVAL" from this office on: _____
 We must receive approval shop drawings back in our office by: _____
 Drawings received after this date can cause delays in fabrication and delivery.

REMARKS:

Please contact our office if you have any questions.

Thank you.

SIGNED: Janet Lezada



AIR QUALITY COMPLAINT/ACTION REQUEST

DATE: 4-27-2010

TIME: 6:35 AM

TAKEN BY: ANSWERING SERVICE

ROUTED TO: SUZANNE DUGGER

TYPE OF COMPLAINT: CITIZEN INVESTIGATOR OTHERRENO SPARKS WASHOE COUNTY AREA 1**COMPLAINT:**

LOT OF DIRT DUE TO WINDS "LIKE THIS TI BE TAKEN CARE OF - KEEP IT WATERED" **** 4/27 HIGH WIND WARNING ISSUED" PERMIT D08002 EXPIRED 4/9/2010.

LOCATION OF COMPLAINT: SIMONS & GRAND SUMMIT (BRECKENRIDGE DEVELOPMENT)

RESPONSIBLE PARTY: MERITAGE HOMES OF NV, MANNY SILVA

PHONE NUMBER: 925-383-2927

ADDRESS: 1800 SUTTER ST #500, CONCORD CA 94520

COMPLAINANT: ANSWERING SERVICE - ANONYMOUS

PHONE NUMBER:

ADDRESS:

SPECIAL INSTRUCTIONS: *** SEE COMPLAINT C27APR10022 ***

INVESTIGATOR: SUZANNE DUGGER

DATE: 4/27/2010

TIME: 10:00 AM

VIOLATION: 040.030 DUST CONTROL

SUZY ARRIVED ON SITE AND OBSERVED NO FUGITIVE DUST, BUT DID OBSERVE TWO WATER TRUCKS OPERATING AND IT WAS CURRENTLY RAINING. THE PERMIT HAD EXPIRED SO SUZY WROTE A NOTICE OF VIOLATION CITATION NO. 4961. THE SITE ALSO NEEDED TO BE RE-PALLIATIZED. SUZY'S DID SPEAK TO MANNY SILVA, RP FOR MERITAGE HOMES, ON MARCH 25, 2010, AND MR SILVA WAS TOLD THE SITE NEEDED TO BE RE-PERMITTED AND RE-PALLIATIZED. MR SILVA STATED THEN THAT HE WOULD TAKE CARE OF BOTH ISSUES. SUZY LEFT MR SILVA TWO MESSAGES SINCE THIS CONVERSATION (3-25-2010) AND HAS NOT RECEIVED ANY PHONE CALLS BACK.

CASE CLOSED:

DATE: 4/27/2010

TIME: 10:30am

INVESTIGATOR: SUZANNE DUGGER

REVIEWED BY: NOEL BONDERSON

DATE:

TIME:



AIR QUALITY COMPLAINT/ACTION REQUEST

DATE: 4-27-2010 TIME: 9:52 TAKEN BY: ANSWERING SERVICE

ROUTED TO: SUZANNE DUGGER

TYPE OF COMPLAINT: CITIZEN INVESTIGATOR OTHER

RENO SPARKS WASHOE COUNTY AREA 1

COMPLAINT:

DUST EVERYWHERE - ONGOING PROBLEM (40 ACRES) **** 4/27 HIGH WIND WARNING ISSUED ****

PERMIT D08002 - EXPIRED 4/9/2010 - 31 ACRES - BRECKENRIDGE

LOCATION OF COMPLAINT: SIMONS & GRAND SUMMIT (BRECKENRIDGE DEVELOPMENT)

RESPONSIBLE PARTY: MERITAGE HOMES OF NV, MANNY SILVA PHONE NUMBER: 925-383-2927

ADDRESS: 1800 SUTTER ST #500, CONCORD CA 94520

COMPLAINANT: ANSWERING SERVICE - RON JAHN PHONE NUMBER: 746-0223

ADDRESS: 1540 BUTTERFLY DRIVE

SPECIAL INSTRUCTIONS: *** SEE COMPLAINT C27APR10021 ****

INVESTIGATOR: SUZANNE DUGGER DATE: 4/27/2010 TIME: 10:00 AM

VIOLATION: 040.030 DUST CONTROL

SUZY ARRIVED ON SITE AND OBSERVED NO FUGITIVE DUST, BUT DID OBSERVE TWO WATER TRUCKS OPERATING AND IT WAS CURRENTLY RAINING. THE PERMIT HAD EXPIRED SO SUZY WROTE A NOTICE OF VIOLATION CITATION NO. 4961. THE SITE ALSO NEEDED TO BE RE-PALLIATIZED. SUZY'S DID SPEAK TO MANNY SILVA, RP FOR MERITAGE HOMES, ON MARCH 25, 2010, AND MR SILVA WAS TOLD THE SITE NEEDED TO BE RE-PERMITTED AND RE-PALLIATIZED. MR SILVA STATED THEN THAT HE WOULD TAKE CARE OF BOTH ISSUES. SUZY LEFT MR SILVA TWO MESSAGES SINCE THIS CONVERSATION (3-25-2010) AND HAS NOT RECEIVED ANY PHONE CALLS BACK.

CASE CLOSED: DATE: 4/27/2010 TIME: 10:30am INVESTIGATOR: SUZANNE DUGGER

REVIEWED BY: NOEL BONDERSON DATE: TIME:

RECOMMENDED FINE WORKSHEET

DATE: 4-27-2010

CASE#: 1053

COMPANY NAME: MERITAGE HOMES OF NEVADA

CONTACT NAME: MANNY SILVA

VIOLATION: 040.030

SECTIONS: C.3 TYPE OF VIOLATION: MINOR

OCCURRENCE: 2nd

RANGE OF PENALTIES (PER DAY): \$250 - \$750


DEGREE OF VIOLATION: MINOR

ECONOMIC BENEFIT COMPONENT: \$3,782.00 (\$122 X 31 ACRES)

DEGREE OF COOPERATION: NO COOPERATION. I HAVE LEFT TWO MESSAGES AND NO CALL BACK. PER OUR MEETING ON MARCH 25, 2010, THERE HAS BEEN NO FOLLOW-UP ON PERMIT RENEWAL OR RE-PALLIATIZING PROPERTY.

ADDITIONAL COMMENTS: THIS SITE CONTINUES TO BE A PROBLEM. ADMINISTRATION COMPLAINEE IS NOT BEING MET. CONTROL OF FUGITIVE EMISSIONS CONTINUES TO BRING CITIZEN COMPLAINTS. CITIZENS IN THE AREA (ONE IN PARTICULAR - RON JAHN) IS CONSIDERING A LAW SUITE.

RECOMMENDED FINE: \$750.00



AQ SPECIALIST'S SIGNATURE

NOTE: "Minor Violations", per District regulations, cannot exceed \$1000 for the first and second violations. Third minor violations, plus "Major Violations" cannot exceed \$10,000 per day.

Ames, Mary

From: Albee, Charlene
Sent: Monday, April 26, 2010 8:22 AM
To: A & K Earthmovers - ; AGC - Buzz Harris; Airport Authority - D Derie; Airport Authority - David Pittman; Airport Authority - K Anderson; Airport Authority - R Cox; Airport Authority - Scott Harkema; Airport Authority - Todd Welty; Armstrong Development - Diana Rinck; Associated Builders & Contractors - Clara Andriola; Atlas Contractors - A Arong; Atlas Contractors - Jake Mahoney; Atlas Contractors - Jay Mahoney; Bailey & Dutton Homes - Jerry Cooper; BCJ Sand & Rock - Bryan Morgan; BHI - Terribles - Dave Wood; Black Eagle Consulting - Mitch Fink; Bright Homes - D. Crouch; Brighton Manor LLC - Jeff Francovich; Builders Assn of No NV - Mike Dillon; Building Solutions LLC - Steve; Burke & Associates - Ray Jacobsen ; Columbus Reno 1 LLC - Chris Hunt; Corona LLC - Eric Gibbons; Dennis Banks Construction - Casey; DP Trademark - G Shutt; DP Trademark - M Markwell; DR Horton - Alex Boelts; DR Horton - James Idleman; DR Horton - Sean Kazemi; Earl Games Excavating; Envirotech Services - Charles Sherven; F & P Construction - Lystra Pitts; Falcon Ridge Partners - Colleen Fulgar; Fisher Industries - C Hardy; Fisher Industries - F Mehanna; Fisher Industries - Mike Scronce; Fisher Industries - Norm Bessler; Forum Construction - Michael Diloreto; Frank Lepori Construction; Gradex Construction - Ryan Horning; Granite Construction - Brian Roll; Granite Construction - Craig Miller; Granite Construction - Jessica Rash; Granite Construction - Tom Walborn; Horizon Construction - Brian Smith; Huffman & Carpenter - Debra Lemke; Huffman & Carpenter - Patrick Whitaker; Huffman & Carpenter - Susanne Heim; KG Walters Construction - Dave Backman; KG Walters Construction - Key Joy; Kiley Ranch - Pam Chaney; Law Offices - Thomas J Hall; Lennar - Edward Oliver; Lennar - Frank Mushantaf; Lennar - Ken Brown; Lennar - Mike Branson; Lennar - Richard Szostak; Lennar - Tim Scheideman; Lepori Construction - Field Office; Lepori Construction - Glyn; Lepori Construction - Mike; Lepori Construction - Rocky; Lewis Investments - Ted Erkan; Lewis Operating - Gigi Chisel; Lewis Operating Corp. - Alicia Lutz; Life Style Homes - Peter Lissner; Moana Nursery - Jim Delancey; Monterey Development - S Wagner; Monterey Development Group - SO; Northern Sierra Construction - Mike; Padovan Consulting - Seth Padovan; Peavine Construction - Jeff Paddock; Peavine Construction - Scott Feratto; Petersen Construction - Eric Petersen; Pulte Homes - Wayne Steinpress; Q & D Construction - Doug Elder; Q & D Construction - Michael Rich; Q & D Construction - Rob Bagley; Reno Tahoe Airport Authority - Allan Eckle; Reno-Tahoe Construction - Fred Reeder; Rilite Aggregate - Chris Benna; Rilite Aggregate - Gary Roma; Ryad Consulting Inc. - Randy May; Shaw Engineering - Dave Kitchen; Sierra Earthworks - Joe Meilthoft; Sierra Nevada Construction - D Barlow; Sierra Nevada Construction - M Gordine; Sierra Stripers & Asphalt Paving; Silver Star Communities - Tara Barker; Silverado Excavating - B Fehling; Silverado Excavating - Garret Burleson; Spanish Springs Construction - Adam; SRT - Rich Casci; Sunseri Construction - Dave Christ; Tanamera Development; Target Mining; Ted Brown, PE LLC; Toll Brothers - John Tolbert; Toll Brothers - Matt Mulei; Truckee River Investors - William Wager; Union Pacific Railroad - Danny King; Valley Hoe - C Mitchell; Water Boy - Maddox Guidry; Winco Foods - David Vanetten
Cc: Goodrich, Andy; Bonderson, Noel; Ames, Mary; Burton, Tina; Cerfoglio, Dennis; Dugger, Suzanne; Gaige, Jerry; Osborn, Mike; Prichard, Wallace
Subject: High Wind Warning - 4/27

The National Weather Service has issued a high wind warning for Tuesday (4/27), predicting wind gusts in excess of 55 mph, on the leading edge of a cold front moving into the area. The Air Quality Management Division is recommending all projects with open land areas be prepared for high winds by taking any and all precautions necessary to control dust.

Please be advised, the winds will be increasing in strength starting early tomorrow morning so **PREWETTING THIS AFTERNOON WILL BE CRITICAL** in order to provide adequate dust control during this event.

WASHOE COUNTY AIR QUALITY MANAGEMENT DIVISION
401 Ryland Street, Suite 331, Reno, NV 89502-1643
Office (775) 784-7200 * Fax (775) 784-7225

CONSTRUCTION SITE INSPECTION FORM

Enforcement Officer: SUZANNE DUGGER Date/Time: 4-27-2010 / 10:00 A.M. 9:45 -
Permit #: A07048 Responsible Party: MERITAGE HOMES
Project Name: BRECKENRIDGE Location: EAGLECREST DR. CORNER OF GRAND SUMMIT

Weather: Clear Partly Cloudy Cloudy Recent Rain Temp: Wind/mph: 10-20 Direction: W-NW
Site: Active Inactive Project Complete Workers Present: Yes No 2 WATER TRUCK DRIVERS
Activities Occurring: None
 Clearing/Grubbing Backfilling Abrasive Blasting Clearing Forms Crushing/Screening
 Cut & Fill Importing/Exporting Explosive Blasting General Construction Subgrade Prep
 Trenching Stockpiling Demolition (mech) Landscaping Paving

EMISSIONS COMPLIANCE Yes No

Fugitive Dust Emissions: Yes No If yes, source: _____ Plume Length: _____
Opacity: _____ %

Project Soils: Stable: Moist Gravel Palliative Crust Other: _____
Unstable: Dry Loose Powdery PALLIATIVE NEEDS TO BE RE-APPLIED.

Interior Roads: None Stable: Paved Type II Moist Dust Suppressant
Unstable: Dry Loose Powdery

Track-out: Yes No Dust from vehicles: Yes No If yes, Interior Access
Water Source: Hydrant Stand Tank Reservoir None Observed Other: 2 WATER TRUCKS
Mitigation Equipment: Hose Pull(s) Truck(s) None Observed Other: _____
Mitigation Equipment Ratio: Adequate Inadequate
Track-out device present: Yes, functional Yes, not functional No, needed No, not needed

ADMINISTRATIVE COMPLIANCE Yes No PERMIT EXPIRED

Acreage Permitted: 31 ACRES Project Size: Equal to Greater than
Staging/Parking area(s): N/A On-Site Off-Site, included in acreage Off-Site, not included in acreage.
Stationary Source Permits: No Equipment Screen Crusher Batch Plant ATC#: _____
DCP Sign: Yes No DCP On-Site: Yes No Not Verified
Spoke with: LEFT MESSAGE W/MANNY SILVA Title: ? In person / phone
Actions Taken: None Verbal Warning
 Notice of Violation - Warning: _____ Notice of Violation - Citation: _____

Deficiencies to be corrected: I HAVE SPOKEN W/MANNY SILVA 2 TWO-THREE TIMES W/IN THE LAST 3 MONTHS. OUR LAST CONVERSATION MR. SILVA STATED HE WOULD REAPPLY FOR THE DUST CONTROL PERMIT. NOT APPLICATION HAS BEEN SUBMITTED. AQMD WILL ISSUE NOV.

WASHOE COUNTY AIR QUALITY MANAGEMENT DIVISION
401 Ryland Street, Suite 331, Reno, NV 89502-1643
Office (775) 784-7200 * Fax (775) 784-7225

COMPLAINT C25 MAR 10010

CONSTRUCTION SITE INSPECTION FORM

Enforcement Officer: SUZANNE DUGGER Date/Time: 3-25-2008 / 1:40 P.M.

Permit #: D08002 Responsible Party: MERITAGE HOMES OF NV.

Project Name: BRECKENRIDGE Location: EAGLE CREST DR. CORNER OF GRAND SUMMIT
EXPIRES 4/9/2010 (MAIN SOURCE OF DUST LOCATED ON BLUEWOOD DR.)

Weather: Clear Partly Cloudy Cloudy Recent Rain Temp: Wind/mph: 20-25 ^{MPH} Direction: W-NW

Site: Active Inactive Project Complete Workers Present: Yes No

Activities Occurring: None

- Clearing/Grubbing Backfilling Abrasive Blasting Clearing Forms Crushing/Screening
 Cut & Fill Importing/Exporting Explosive Blasting General Construction Subgrade Prep
 Trenching Stockpiling Demolition (mech) Landscaping Paving

EMISSIONS COMPLIANCE Yes No

Fugitive Dust Emissions: Yes No If yes, source: EQUIPMENT - BACKHOE Plume Length: NA
RUNNING OVER DIRT Opacity: NA %
LOTS.

Project Soils: Stable: Moist Gravel Palliative Crust Other: _____
Unstable: Dry Loose Powdery

Interior Roads: None Stable: Paved Type II Moist Dust Suppressant
Unstable: Dry Loose Powdery

Track-out: minor Yes No Dust from vehicles: Yes No If yes, Interior Access

Water Source: Hydrant Stand Tank Reservoir None Observed Other: _____

Mitigation Equipment: Hose Pull(s) Truck(s) None Observed Other: _____

Mitigation Equipment Ratio: Adequate Inadequate

Track-out device present: Yes, functional Yes, not functional No, needed No, not needed

ADMINISTRATIVE COMPLIANCE Yes No

Acreage Permitted: 31 Project Size: Equal to Greater than

Staging/Parking area(s): N/A On-Site Off-Site, included in acreage Off-Site, not included in acreage

Stationary Source Permits: No Equipment Screen Crusher Batch Plant ATC#: _____

DCP Sign: Yes No DCP On-Site: Yes No Not Verified

Spoke with: MANNY SILVA - MERITAGE Title: MERITAGE RP In person / phone
LOUIS MORENO - EAST BAY CONST.

Actions Taken: None Verbal Warning
WAYNE GILDER - CENTRAL VALLEY MASONRY

Notice of Violation - Warning: _____ Notice of Violation - Citation: _____

Deficiencies to be corrected: NO WATER TRUCK ON SITE. WORK BEING

PERFORMED BY CENTRAL VALLEY MASONRY & EAST BAY CONSTRUCTION.

DUST ONLY OCCURRING ON LOTS 85-90. STOP WORK ORDER ISSUED UNTIL

H₂O TRUCK IS AVAILABLE. ACCORDING TO MANNY SILVA ALL LOTS WILL BE

PALLIATIZED W/IN 1-2 WK. NO FURTHER WORK TO BE PERFORMED UNLESS DUST

WASHOE COUNTY AIR QUALITY MANAGEMENT DIVISION

401 Ryland Street, Suite 331, Reno, NV 89502-1643

Office (775) 784-7200 * Fax (775) 784-7225

COMPLAINT C29SEP09026

CONSTRUCTION SITE INSPECTION FORM

Enforcement Officer: SUZANNE DUGGER Date/Time: 9-29-09 1 8:30

Permit #: D08002 Responsible Party: MERITAGE

Project Name: BRECKENRIDGE Location: EAGLECREST DR. RENO

Weather: [] Clear [x] Partly Cloudy [] Cloudy [] Recent Rain Temp: Wind/mph: 35 mph w/HIGHER GUSTS PREDICTED. Direction: W-NW
Site: [x] Active [] Inactive [] Project Complete Workers Present: [x] Yes [] No REQUESTED SHUT DOWN EXCEPT FOR WATER TRUCKS

Activities Occurring: [] None
[] Clearing/Grubbing [x] Backfilling [] Abrasive Blasting [] Clearing Forms [] Crushing/Screening
[x] Cut & Fill [x] Importing/Exporting [] Explosive Blasting [] General Construction [] Subgrade Prep
[x] Trenching [x] Stockpiling [] Demolition (mech) [] Landscaping [] Paving

EMISSIONS COMPLIANCE [] Yes [x] No

Fugitive Dust Emissions: [x] Yes [] No If yes, source: OPEN AREAS Plume Length: Opacity: %

Project Soils: (Stable) [x] Moist [] Gravel [] Palliative [] Crust [x] Other: SOME AREAS ARE UNSTABLE. DRY. OTHERS ARE NOT
(Unstable) [x] Dry [x] Loose [] Powdery

Interior Roads: [] None (Stable) [x] Paved [] Type II [] Moist [] Dust Suppressant
Unstable: [] Dry [] Loose [] Powdery

Track-out: [] Yes [x] No Dust from vehicles: [] Yes [x] No If yes, [] Interior [] Access

Water Source: [] Hydrant [x] Stand Tank [] Reservoir [] None Observed [] Other:

Mitigation Equipment: [] Hose [] Pull(s) [x] Truck(s) [] None Observed [x] Other: 2 REQUIRED, 1 ADDITIONAL. 4 TOTAL

Track-out device present: [] Yes, functional [] Yes, not functional [x] No, needed [x] No, not needed

ADMINISTRATIVE COMPLIANCE [x] Yes [] No

Acreage Permitted: 31 ACRES Project Size: [x] Equal to [] Greater than

Staging/Parking area(s): [] N/A [x] On-Site [] Off-Site, included in acreage [] Off-Site, not included in acreage

Stationary Source Permits: [x] No Equipment [] Screen [] Crusher [] Batch Plant ATC#:

DCP Sign: [x] Yes [] No DCP On-Site: [x] Yes [] No [] Not Verified

Spoke with: GARRET BURLESON Title: PROJECT MANAGER [x] In person [] phone

Actions Taken: [] None [x] Verbal Warning

[] Notice of Violation - Warning: [] Notice of Violation - Citation:

Deficiencies to be corrected: DUE TO HIGH WIND WARNING BEING ISSUED AND WITH 4 WATER TRUCKS OPERATING NO ENFORCEMENT ACTION IS BEING TAKEN. ALL OPERATIONS OTHER THAN WATERING HAVE CEASED.



WASHOE COUNTY HEALTH DISTRICT

AIR QUALITY MANAGEMENT DIVISION



Public Health
Prevent. Promote. Protect.

FEBRUARY 16, 2010

ATTACHED IS A COPY OF EACH ACKNOWLEDGEMENT FORM DOCUMENTING THAT THE AFORESIGNED HAS BEEN PROPERLY NOTIFIED OF THE DATE, TIME AND LOCATION OF THE DISTRICT BOARD OF HEALTH MEETING TO CONSIDER THE FINAL DISPOSITION OF SAID CASE.

P.O. BOX 11130 Reno, NV 89520-0027 • (775) 784-7200 • FAX (775) 784-7225

www.washoecounty.us/health

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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

APR 20
 Postmark Here
 AIR QUALITY
 SD

Sent To
MANNY SILVA-MERITAGE HOMES OF NV
 Street, Apt. No.,
 or PO Box No. **1800 SUTTER ST STE 500**
 City, State, ZIP+4 **CONCORD CA 94520**

PS Form 3800, August 2006 See Reverse for Instructions

NON MAILED FOR SUZY

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
 MANNY SILVA
 MERITAGE HOMES OF NV
 1800 SUTTER ST STE 500
 CONCORD CA 94520

COMPLETE THIS SECTION ON DELIVERY

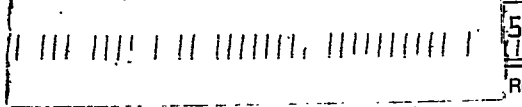
A. Signature Agent
 Addressee

B. Received by (Printed Name) **Jack Green** C. Date of Delivery **5-27-10**

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes



50 0003 7312 8528 SD
 Return Receipt 102595-02-M-1540

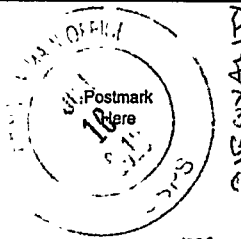
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OFFICE

7008 0150 0003 7312 8979

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$



Sent To
MANNY SILVA / MERITAGE HOMES OF NEVADA
 Street, Apt. No.,
 or PO Box No. **1671 E MONTE VISTA AVE STE 214**
 City, State, ZIP+4 **VACAVILLE CA 95688-3126**

PS Form 3800, August 2006 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece or on the front if space permits.

1. Article Addressed to:
MANNY SILVA
MERITAGE HOMES OF NEVADA
1671 E MONTE VISTA AVE STE 214
VACAVILLE CA 95688-3126

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* Agent Addressee

B. Received by (Printed Name)
RECEIVED ALMAN

C. Date of Delivery
6-18-10

D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:
JUN 18 2010

MERITAGE HOMES

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number
 (Transfer from service label) **7008 0150 0003 7312 8979**

6/23/2010 no signed acknowledgement letter



WASHOE COUNTY HEALTH DISTRICT

AIR QUALITY MANAGEMENT DIVISION



Public Health
Prevent. Promote. Protect.

DATE: June 24, 2010

TO: District Board of Health

FROM: Andrew Goodrich, Director, Air Quality Management

SUBJECT: UNR Owners LLC – Case No.1054
Unappealed Citation No. 4960
Agenda Item: 7.A.1.b.

Recommendation

Air Quality Management Division Staff recommends that Citation No. 4960 be upheld and a fine of \$250 be levied against UNR Owners LLC for failing to renew expired dust control permits A08036 and B08012. The Citation was issued for violation of section 040.030 of the District Board of Health Regulations Governing Air Quality Management. This fine recommendation was not negotiated, because of non contact by Reynen and Bardis Construction (the operator for UNR Owners LLC).

Background

On September 29, 2009, and again on October 20, 2009, Air Quality Specialist, Suzanne Dugger received notice that Dust Control Permits A08036 and B08012, for the properties located at Military Road/Stead Blvd/Echo Avenue in Stead, Nevada, had expired on October 20, 2009. AQ Specialist Dugger had been working with Laurie Rispoli of Reynen and Bardis Construction for several months in an attempt to get both permits renewed. On April 14, 2010, neither of the permits had been renewed and no further contact had been made by Reynen and Bardis Construction. Based on the non response by Reynen and Bardis Construction, AQ Specialist Dugger issued Notice of Violation No. 4960.

Alternatives

1. The District Board of Health may determine that no violation of the Regulations has taken place and dismiss Citation No. 4960.
2. The Board may determine to uphold Citation No. 4960 but levy any fine in the range of \$100 to \$250.

In the event the Board determines to change the proposed penalty, the matter should be continued so that UNR Owners LLC may be properly noticed.

Andrew Goodrich, REM
Director, Air Quality Management Division
NB/DC: ma

DBOH AGENDA ITEM # 7.A.1.b.

P.O. BOX 11130 Reno, NV 89520-0027 • (775) 784-7200 • FAX (775) 784-7225

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CHRONOLOGY OF COMPLIANCE ACTIONS

UNR OWNERS LLC (Reynen & Bardis)

Notice of Violation – Warnings

Date

10/12/2009 NOV 4955 Expired Permit

Notice of Violation – Citations

Date

4/14/2010 NOV 4960 Expired Permit

WASHOE COUNTY DISTRICT HEALTH DEPARTMENT
AIR QUALITY MANAGEMENT DIVISION
401 RYLAND STREET, SUITE 331 • P.O. BOX 11130 • RENO, NV 89520
(775) 784-7200



I 14 APR 10 014

NOTICE OF VIOLATION

NOV 4960

DATE ISSUED: 4-14-2010

ISSUED TO: UNR OWNER LLC. PHONE #: 916-366-3665

MAILING ADDRESS: 10630 MATHER BLVD. CITY/ST: MATHER CA ZIP: 95655

NAME/OPERATOR: REYNEN/BARDIS PHONE #: 916-366-3665

DRIVER LICENSE #/SSN _____

YOU ARE HEREBY OFFICIALLY NOTIFIED THAT ON 4-14-2010 (DATE) AT 8:00 A.M. (TIME), YOU ARE IN VIOLATION OF THE FOLLOWING SECTION(S) OF THE WASHOE COUNTY DISTRICT BOARD OF HEALTH REGULATIONS GOVERNING AIR QUALITY MANAGEMENT:

- | | |
|-----------------------------------------------------------------|-----------------------------------------------------------------|
| <input checked="" type="checkbox"/> MINOR VIOLATION OF SECTION: | <input type="checkbox"/> MAJOR VIOLATION OF SECTION: |
| <input checked="" type="checkbox"/> 040.030 __ DUST CONTROL | <input type="checkbox"/> 030.000 OPERATING W/O PERMIT |
| <input type="checkbox"/> 040.055 __ ODOR/NUISANCE | <input type="checkbox"/> 030.2175 VIOLATION OF PERMIT CONDITION |
| <input type="checkbox"/> 040.200 __ DIESEL IDLING | <input type="checkbox"/> 030.105 ASBESTOS/NESHAP |
| <input type="checkbox"/> OTHER _____ | <input type="checkbox"/> OTHER _____ |

VIOLATION DESCRIPTION: EXPIRED DUST CONTROL PERMITS
SEC. 040, SEC. C.3

LOCATION OF VIOLATION: MILITARY ROAD, STEAD BLVD., ECHO AVE., STEAD, NV.

POINT OF OBSERVATION: REGENLY PARK 1A / REGENLY PARK 1B.

Weather: CLEAR Wind Direction From: N E S W

Emissions Observed: _____
(If Visual Emissions Performed - See attached Plume Evaluation Record)

WARNING ONLY: Effective _____ a.m./p.m. _____ (date) you are hereby ordered to abate the above violation within _____ hours/days. I hereby acknowledge receipt of this warning on the date indicated.

Signature _____

CITATION: You are hereby notified that effective on 4-14-2010 (date) you are in violation of the section(s) cited above. You are hereby ordered to abate the above violation within IMMEDIATELY hours/days. You are further advised that within ten days of the date of this violation you may submit a written notice of appeal to the Chairman, Hearing Board, P.O. Box 11130, Reno, Nevada 89520. Failure to submit a notice of appeal in the time specified will result in submission of this violation to the District Board of Health, together with a request that an administrative fine be levied against you. If you do not wish to file an appeal the appropriate fine may be paid at the District Health Department.

SIGNING THIS FORM IS NOT AN ADMISSION OF GUILT

Signature: NO PERSONNEL AVAILABLE FOR SIGNATURE Date: 4-14-2010

Issued by: Suzanne Luggen Title: AQS II

WASHOE DOES NOT DISCRIMINATE ON THE BASIS OF SEX, RACE, COLOR, AGE, RELIGION, DISABILITY OR NATIONAL ORIGIN IN THE ACTIVITIES AND OR SERVICES WHICH IT PROVIDES. IF YOU HAVE ANY QUESTIONS, PLEASE CALL WASHOE COUNTY HUMAN RESOURCES - 328-2080; TDD NUMBER 328-3685.

APPEAL FORM ATTACHED



DISTRICT HEALTH DEPARTMENT

AIR QUALITY MANAGEMENT DIVISION



Public Health
Prevent. Promote. Protect.

Conditional Dust Control Permit Approval #: B08012

1

Name of Development: Regency Park 1A (12.5 Acres Disturbed)

Specific Location: Military Road/Stead Boulevard/Echo Avenue

Property Holder: UNR Owner LLC **Expiration Date:** 10-20-2009

The following requirements are special conditions of approval for this dust control permit in addition to the standard conditions noted in the permit application. The special conditions noted below must be followed in all activities covered in this permit application.

1. **Two (2) water trucks** will be assigned and available for operation 24 HOURS A DAY, 7 DAYS A WEEK for the purpose of water application for control of fugitive dust. If **two water trucks** cannot control fugitive dust emissions from equipment operations and/or gusty wind conditions, the applicant shall immediately provide additional water trucks. CESSATION OF OPERATIONS IS REQUIRED IF DUST CANNOT BE CONTROLLED DUE TO EQUIPMENT OPERATIONS AND/OR GUSTY WIND CONDITIONS. IF CESSATION OF OPERATIONS IS USED AS A DUST CONTROL MEASURE, CONTINUED WATERING OF THE PROJECT IS REQUIRED.
2. Dust emissions generated on any entrance or exit haul roads due to equipment operations or gusty wind conditions must be controlled 24 hours a day, 7 days a week, by the use of water application or an environmentally safe dust palliative (District Regulation 040.030, Section C. 2. a. and b.) Any palliative used must comply with state and local regulations and not provide a noxious odor or contaminate ground water.
3. All projects importing or exporting dirt, rock or other fill materials must comply with the work practice standards in District Regulation 040.030, Section C. 4., including load tarping, watering or Freeboard. Any soil tracked onto adjoining paved roadways will be promptly removed by wet broom or washing. Regular vacuum or wet sweeping will be performed at least daily, and more often if necessary or if ordered by the Control Officer due to a violation. Any materials tracked out or spilled which cause visible fugitive dust for a period of five (5) minutes in any hour period shall be cleaned up immediately.
4. Any soil or fill storage piles operated or maintained as a part of this construction lot will be covered or wetted down sufficiently to prevent wind blown dust. Dust emissions from screening operations will be controlled by the use of a water truck or other control measure that prevents fugitive dust.

B08012 REGENCY PARK 1A EXPIRED 10/20/2009

ISSUED NOV (WARNING)
TODAY (10-12-2009).

WILL RENEW BOTH
PERMITS.

REGENCY PARK 1B
" " " 1A

LAURIE RISPOLI
916-364-3570 (FAX)

SENT FAX 1-29-2010

916-366-3665
EX. 4

916-313-3008

3-5-2010 WILL CALL NEXT
WEEK FOR AN UPDATE.

3-10-2010
GOING INTO FORECLOSURE
??

JP MORGAN CHASE
DAN BRACKEN
#602-221-2599
FAX #602-221-2232

~~DAN~~ LAURIE WILL GIVE
DAN WEB SITE TO GET
DUST CONTROL APPLICATION

L/M 4-8-2010

4-13-2010 PER DAN
BRACKEN, REB ARE
STILL LEGAL PROPERTY
OWNERS. NO DEFINITE
ON TRANSFER OR
FORECLOSURE W/ CHASE.

4-14-2010

SPOKE W/ LAURIE
RISPOLI AND
INFORMED HER
THAT NOV WOULD
BE ISSUED.

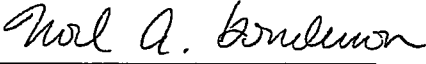
Conditional Dust Control Permit # B08012
Regency Park 1A * Military Road/Stead Boulevard/Echo Avenue

5. The applicant shall implement additional dust control measures, such as extra water trucks, water cannons, re-vegetation, environmentally safe dust palliatives (which comply with all applicable regulations and do not emit a noxious odor and do not contaminate ground water), wind fencing, and/or cessation of operations should these measures fail to control fugitive dust emissions from this project.
6. Once final grade has been completed, and if no structures are being constructed, the owner/developer shall be required to establish a long-term stable surface. This shall include re-vegetation or covering the disturbed soil with rock or crushed asphalt products within 30 days of completion of final grade. The use of an approved palliative is an option, but must be approved by the Air Quality Management Division (AQMD) prior to application.
7. The applicant shall provide a Material Safety Data Sheet (MSDS) and dilution ratio to AQMD staff for any dust palliative selected for use as a dust control measure at this site.
8. A copy of this dust control permit shall be maintained at the construction project site and available to any sub-contractor or Air Quality Management Division inspector to review upon request.
9. ANY CHANGES MADE TO THE PROPOSED OPERATIONS, SCOPE OF WORK OR SURFACE DISTURBANCES UNDER THIS DUST CONTROL PERMIT shall be submitted to the District Health Department in writing and must receive approval from the Control Officer prior to implementation.
10. The owner or the general contractor shall erect an informational sign at the main entrance to the project site. The sign shall be a minimum of 4 ft by 4 ft in size, and shall be in place prior to initiation of disturbance of the ground surface. The sign lettering shall be at least 4 inches high and shall be bold and easily readable by the public. The sign shall remain in place for the life of the project. The sign shall include the following information, also see attached example:
 - a) The name of the project.
 - b) A statement identifying the General Contractor.
 - c) A statement proclaiming that "All operators at this site are required to control dust emissions from their operations. The General Contractor is required to oversee and control project wide dust emissions."
 - d) A statement proclaiming that "For dust related problems coming from this site, or to make a dust complaint, call this phone number 24 hours per day, seven days per week: (775) 784-7200. A 24-hour phone number for both the Contractor/Developer and the Air Quality Management Division shall also be posted. The 24-hour phone number for complaints to the Air Quality Management Division is (775) 784-7200."

Conditional Dust Control Permit # B08012
Regency Park 1A * Military Road/Stead Boulevard/Echo Avenue

11. A log book of all dust control operations, containing all information as required by the Control Officer in the standard "**WASHOE COUNTY DUST CONTROL LOG**" must be maintained on a daily basis (copies of blank log sheets are available at the Air Quality Management Division office). Required information includes, but is not limited to, the number of **OPERATING** water trucks/pulls, the size of **OPERATING** water trucks/pulls (gallons capacity of each truck/pull), and the condition of the surface crust on disturbed areas. The operator shall record in the logbook all dust control efforts and the compliance level of the site with dust control requirements. The logbook shall be kept at the project site and made available to District representatives upon request.
12. Visible dust may not be emitted into the air from any operations or disturbed areas of this project for more than 5 minutes in any hour period (Regulation 040.030, Section C. 1). All disturbed areas must maintain a visible surface crust or other cover in compliance with Regulation 040.030, Section C.2.c. Compliance shall be determined using US Environmental Protection Agency Reference Method 22, with an observation period of not less than 5 minutes in any hour period. Copies of District Regulations, enforcement policies and USEPA Reference Testing Methods may be obtained by contacting the Air Quality Management Division at (775) 784-7200.
13. Failure to comply with all of the requirements of this Dust Control Permit shall be considered a citable violation of District Regulations and this dust control permit. Citations may be issued for each day of violation, in amounts up to \$10,000.00 per day as stated in District Regulations.
14. Any use of recycled wastewater from a public or private sewer treatment plant must take into account the protection of public health.

NOTE: All operators who clear more than one (1) acre of land also need an NPDES permit addressing water quality issues related to storm run-off from the Nevada Division of Environmental Protection. Contact the Bureau of Water Pollution Control, at (775) 687-9418 for further information.



Control Officer

April 22, 2008
Effective Date

October 20, 2009
Expiration Date

THIS IS NOT A GRADING PERMIT. THESE CONDITIONS ADDRESS DUST CONTROL ONCE THE GRADING PERMIT HAS BEEN OBTAINED. IF THE GRADING PERMIT IS DENIED THIS PERMIT IS VOID.

APPLICATION FOR DUST CONTROL PERMIT

WASHOE COUNTY DISTRICT HEALTH DEPARTMENT * AIR QUALITY MANAGEMENT DIVISION
401 Ryland Street, Suite 331, Reno NV 89502-0027 * (775) 784-7200 * Fax (775) 784-7225

FEE: \$117.00 per acre

(Less than .5 acres round down; .5 and greater round up)

B08012

AREA 1

THE "APPLICANT" IS RESPONSIBLE FOR ALL DUST CONTROL 24 HOURS A DAY, SEVEN DAYS A WEEK, INCLUDING WEEKENDS AND HOLIDAYS, FROM COMMENCEMENT OF PROJECT TO FINAL COMPLETION.

The Applicant must be the Property Owner/Developer, and the Dust Control Permit must be signed by the Applicant or his Attorney in Fact. The application must be filled in completely or it will be returned.

- 1. Name of Development: REGENCY PARK 1A
- 2. Street Address: MILITARY ROAD 2 STEAD BOULEVARD AT ECHO AVENUE
- 3. Project Location (if different than above): _____
- 4. Type of Project: RESIDENTIAL Size of Project (acres): 12.5 ac
- 5. If renewing an existing permit, list permit number: B06078 expired 12-31-2007 (TWO (2) WATER TRUCKS)

NOTE - - The Dust Control Permit is valid for eighteen (18) months from the date of approval. If the project is not complete or has not commenced by the expiration date, the Applicant must submit a renewal application to the Air Quality Management Division. Failure to do so will result in the Permit expiring and could result in a citation.

- 6. APPLICANT -- Name and current Address of Property Owner/Developer:
 Owner/Developer: UNR OWNER LLC Contact: ED DAVIS Reynen E Bardis
 Address: 1030 MATHER BOULEVARD
 City: MATHER State: CA Zip: 95655
 Phone Number: 916-366-3665 Fax Number: 916-355-5708 Email: _____

- 7. Name and current Address of Project Engineer/Consultant:
 Engineer/Consultant: WOOD RODGERS Contact: STEVE STRICKLAND
 Address: 575 DOUBLE EAGLE COURT
 City: RENO State: NV Zip: 89521
 Phone Number: 775-823-4068 Fax Number: 775-823-4066 Email: _____

- 8. Name and Address of General Contractor:
 Contractor: REYNE E BARDIS CONSTRUCTION NEVADA Contact: ED DAVIS
 Address: 1170 SOUTH ROCK BOULEVARD
 City: RENO State: NV Zip: 89502
 Phone Number: 775-355-0507 Fax Number: 775-356-2891 Email: edavis@rbhome.us

- 9. Name and Address of Grading/Excavating Contractor:
 Contractor: ED CONSTRUCTION Contact: DOUG EISEL
 Address: 1050 SOUTH 21ST STREET
 City: SPARKS State: NV Zip: 89431
 Phone Number: 775-786-2677 Fax Number: 775-786-5131 Email: _____

CHECK \$ 1462.50
4-21-2008

10. Proposed Construction Dates - Per Phase (provide grading and phasing maps):
 On-Site Grading/Excavation: Start: APRIL 2007 Complete: DECEMBER 2007
 Building Construction: Start: JUNE 2007 Complete: JUNE 2010
12. Will fill material be required? Yes _____ yd³ _____; No X
13. Will there be an excess of native material as a result of excavation? Yes _____ yd³ _____
 No X
14. Amount of Material to be excavated (yd³): _____ 25,000 yd³
15. Is there a soil analysis report available? Yes X No _____
16. On-Site soil type: GRANULAR
17. Method of dust control to be utilized (per phase):
 (attach a map showing dust control strategy-utilize scale with contours)

Water Truck 2 TWO (number of trucks)
 Chemical Sealant X (type - attach MSDS Sheets) ←
 Sprinklers/Water Cannons _____ (locations)
 Compaction _____ (percent)
 Enclosure _____ (fences, windbreaks)
 Revegetation _____ (type - attach seeding schedule)
 Will temporary irrigation be supplied? Yes _____ No _____
 Water Source: _____
 Speed Limits _____
 Other _____

4/21/08
 SITE REC.
 NEW APPLICATION.
 GA

NOTE - - Permanent stabilization methods such as construction/landscaping, revegetation, chemical sealant, or other approved method(s) of dust suppression must occur within 30 days of grading completion. Dust suppression must continue regardless of construction status.

18. Method to control mud and soil being tracked onto adjacent paved roadways: RUMBLE STRIPS WITH ROCK
19. Frequency of daily street cleaning: AS NEEDED FOR CONSTRUCTION
20. Describe the methods (fences, barriers, etc.) to prevent unauthorized traffic on the construction site(s): _____
21. Persons to be contacted during non-working hours in case of dust problems:
 Name & telephone #: ED DAVIS 690-4564 Email: edavis@rbhome.us
 Name & telephone #: _____ Email: _____

22. The Applicant's (Owner/Developer) signature or that of his/her Attorney in fact on this application shall constitute agreement by the Applicant to accept responsibility for meeting the "Conditions of Plan" (attached):

[Signature]
 Signature
Edward C DAVIS
 Print or Type name
REYNEN F BARNIS
 Company Name

3/24/08
 Date
LAND DEVELOPMENT MANAGER
 Title
355-0507
 Phone Number

LM 10-1-09 LM 10-7-09 10-8-09

10-5-09 SPOKE W/RANDY. HE IS CHECKING IN W/MAIN OFFICE REGARDING RENEWAL.



DISTRICT HEALTH DEPARTMENT



AIR QUALITY MANAGEMENT DIVISION

5410 LONGLEY LN

Public Health
Prevent. Promote. Protect.

Conditional Dust Control Permit Approval #: **CA08036**

1

Name of Development: **Regency Park 1B** (15 Acres Disturbed)

Specific Location: Military Road/Stead Boulevard/Echo Avenue

Property Holder: UNR Owner LLC Expiration Date: **9-29-2009**

The following requirements are special conditions of approval for this dust control permit in addition to the standard conditions noted in the permit application. The special conditions noted below must be followed in all activities covered in this permit application.

1. **One (1) water truck** will be assigned and available for operation 24 HOURS A DAY, 7 DAYS A WEEK for the purpose of water application for control of fugitive dust. If **one water truck** cannot control fugitive dust emissions from equipment operations and/or gusty wind conditions, the applicant shall immediately provide additional water trucks. CESSATION OF OPERATIONS IS REQUIRED IF DUST CANNOT BE CONTROLLED DUE TO EQUIPMENT OPERATIONS AND/OR GUSTY WIND CONDITIONS. IF CESSATION OF OPERATIONS IS USED AS A DUST CONTROL MEASURE, CONTINUED WATERING OF THE PROJECT IS REQUIRED.
2. Dust emissions generated on any entrance or exit haul roads due to equipment operations or gusty wind conditions must be controlled 24 hours a day, 7 days a week, by the use of water application or an environmentally safe dust palliative (District Regulation 040.030, Section C. 2. a. and b.) Any palliative used must comply with state and local regulations and not provide a noxious odor or contaminate ground water.
3. All projects importing or exporting dirt, rock or other fill materials must comply with the work practice standards in District Regulation 040.030, Section C. 4., including load tarping, watering or Freeboard. Any soil tracked onto adjoining paved roadways will be promptly removed by wet broom or washing. Regular vacuum or wet sweeping will be performed at least daily, and more often if necessary or if ordered by the Control Officer due to a violation. Any materials tracked out or spilled which cause visible fugitive dust for a period of five (5) minutes in any hour period shall be cleaned up immediately.
4. Any soil or fill storage piles operated or maintained as a part of this construction lot will be covered or wetted down sufficiently to prevent wind blown dust. Dust emissions from screening operations will be controlled by the use of a water truck or other control measure that prevents fugitive dust.

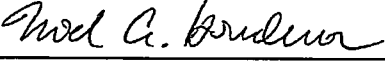
Conditional Dust Control Permit # A08036
Regency Park 1B * Military Road/Stead Boulevard/Echo Avenue

5. The applicant shall implement additional dust control measures, such as extra water trucks, water cannons, re-vegetation, environmentally safe dust palliatives (which comply with all applicable regulations and do not emit a noxious odor and do not contaminate ground water), wind fencing, and/or cessation of operations should these measures fail to control fugitive dust emissions from this project.
6. Once final grade has been completed, and if no structures are being constructed, the owner/developer shall be required to establish a long-term stable surface. This shall include re-vegetation or covering the disturbed soil with rock or crushed asphalt products within 30 days of completion of final grade. The use of an approved palliative is an option, but must be approved by the Air Quality Management Division (AQMD) prior to application.
7. The applicant shall provide a Material Safety Data Sheet (MSDS) and dilution ratio to AQMD staff for any dust palliative selected for use as a dust control measure at this site.
8. A copy of this dust control permit shall be maintained at the construction project site and available to any sub-contractor or Air Quality Management Division inspector to review upon request.
9. ANY CHANGES MADE TO THE PROPOSED OPERATIONS, SCOPE OF WORK OR SURFACE DISTURBANCES UNDER THIS DUST CONTROL PERMIT shall be submitted to the District Health Department in writing and must receive approval from the Control Officer prior to implementation.
10. The owner or the general contractor shall erect an informational sign at the main entrance to the project site. The sign shall be a minimum of 4 ft by 4 ft in size, and shall be in place prior to initiation of disturbance of the ground surface. The sign lettering shall be at least 4 inches high and shall be bold and easily readable by the public. The sign shall remain in place for the life of the project. The sign shall include the following information, also see attached example:
 - a) The name of the project.
 - b) A statement identifying the General Contractor.
 - c) A statement proclaiming that "All operators at this site are required to control dust emissions from their operations. The General Contractor is required to oversee and control project wide dust emissions."
 - d) A statement proclaiming that "For dust related problems coming from this site, or to make a dust complaint, call this phone number 24 hours per day, seven days per week: (775) 784-7200. A 24-hour phone number for both the Contractor/Developer and the Air Quality Management Division shall also be posted. The 24-hour phone number for complaints to the Air Quality Management Division is (775) 784-7200."

Conditional Dust Control Permit # A08036
Regency Park 1B * Military Road/Stead Boulevard/Echo Avenue

11. A log book of all dust control operations, containing all information as required by the Control Officer in the standard "**WASHOE COUNTY DUST CONTROL LOG**" must be maintained on a daily basis (copies of blank log sheets are available at the Air Quality Management Division office). Required information includes, but is not limited to, the number of **OPERATING** water trucks/pulls, the size of **OPERATING** water trucks/pulls (gallons capacity of each truck/pull), and the condition of the surface crust on disturbed areas. The operator shall record in the logbook all dust control efforts and the compliance level of the site with dust control requirements. The logbook shall be kept at the project site and made available to District representatives upon request.
12. Visible dust may not be emitted into the air from any operations or disturbed areas of this project for more than 5 minutes in any hour period (Regulation 040.030, Section C. 1). All disturbed areas must maintain a visible surface crust or other cover in compliance with Regulation 040.030, Section C.2.c. Compliance shall be determined using US Environmental Protection Agency Reference Method 22, with an observation period of not less than 5 minutes in any hour period. Copies of District Regulations, enforcement policies and USEPA Reference Testing Methods may be obtained by contacting the Air Quality Management Division at (775) 784-7200.
13. Failure to comply with all of the requirements of this Dust Control Permit shall be considered a citable violation of District Regulations and this dust control permit. Citations may be issued for each day of violation, in amounts up to \$10,000.00 per day as stated in District Regulations.
14. Any use of recycled wastewater from a public or private sewer treatment plant must take into account the protection of public health.

NOTE: All operators who clear more than one (1) acre of land also need an NPDES permit addressing water quality issues related to storm run-off from the Nevada Division of Environmental Protection. Contact the Bureau of Water Pollution Control, at (775) 687-9418 for further information.


Control Officer

April 1, 2008
Effective Date

September 29, 2009
Expiration Date

THIS IS NOT A GRADING PERMIT. THESE CONDITIONS ADDRESS DUST CONTROL ONCE THE GRADING PERMIT HAS BEEN OBTAINED. IF THE GRADING PERMIT IS DENIED THIS PERMIT IS VOID.

APPLICATION FOR DUST CONTROL PERMIT

WASHOE COUNTY DISTRICT HEALTH DEPARTMENT * AIR QUALITY MANAGEMENT DIVISION
401 Ryland Street, Suite 331, Reno NV 89502-0027 * (775) 784-7200 * Fax (775) 784-7225

FEE: \$117.00 per acre
(Less than .5 acres round down; .5 and greater round up)
A08036
AREA 1

THE "APPLICANT" IS RESPONSIBLE FOR ALL DUST CONTROL 24 HOURS A DAY, SEVEN DAYS A WEEK, INCLUDING WEEKENDS AND HOLIDAYS, FROM COMMENCEMENT OF PROJECT TO FINAL COMPLETION.

The Applicant must be the Property Owner/Developer, and the Dust Control Permit must be signed by the Applicant or his Attorney in Fact. The application must be filled in completely or it will be returned.

- 1. Name of Development: REGENCY PARK 1B
- 2. Street Address: MILITARY ROAD & STEAD BOULEVARD AT ECHO AVENUE
- 3. Project Location (if different than above): _____
- 4. Type of Project: RESIDENTIAL Size of Project (acres): 15 ACRES (ONE 1/2) water troc
- 5. If renewing an existing permit, list permit number: B06079 expired 12-31-2007

NOTE - - The Dust Control Permit is valid for eighteen (18) months from the date of approval. If the project is not complete or has not commenced by the expiration date, the Applicant must submit a renewal application to the Air Quality Management Division. Failure to do so will result in the Permit expiring and could result in a citation.

- 6. APPLICANT -- Name and current Address of Property Owner/Developer:
Owner/Developer: UNR OWNER LLC Contact: _____
Address: 1030 MATHER BOULEVARD
City: MATHER State: CA Zip: 95655
Phone Number: 916-366-3665 Fax Number: 916-355-5708 Email: _____

- 7. Name and current Address of Project Engineer/Consultant:
Engineer/Consultant: WOOD RODGERS INC Contact: STEVE STRICKLAND
Address: 575 DOUBLE EAGLE COURT
City: RENO State: NV Zip: 89521
Phone Number: 775-823-4068 Fax Number: 775-823-4066 Email: _____

- 8. Name and Address of General Contractor:
Contractor: REYNER E BARDIS CONSTRUCTION NVMAA Contact: EO DAVIS
Address: 1170 SOUTH ROCK BOULEVARD
City: RENO State: NV Zip: 89502
Phone Number: 775-355-0507 Fax Number: 775-356-2891 Email: edavis@rbhome.us

- 9. Name and Address of Grading/Excavating Contractor:
Contractor: ED CONSTRUCTION Contact: DOUG EASEL
Address: 1050 SOUTH 21ST STREET
City: SPARKS 786-2677 State: NV Zip: 89431

1 APPROVED AND FORWARDED TAD

10. Proposed Construction Dates - Per Phase (provide grading and phasing maps):
 On-Site Grading/Excavation: Start: APRIL 2007 Complete: DECEMBER 2007
 Building Construction: Start: JUNE 2007 Complete: JUNE 2010
12. Will fill material be required? Yes _____ yd³; No X
13. Will there be an excess of native material as a result of excavation? Yes _____ yd³; No X
14. Amount of Material to be excavated (yd³): 25,000 yd³
15. Is there a soil analysis report available? Yes X No _____
16. On-Site soil type: GRANULAR
17. Method of dust control to be utilized (per phase):

(attach a map showing dust control strategy-utilize scale with contours)

Water Truck _____ (number of trucks)
 Chemical Sealant X _____ (type - attach MSDS Sheets)
 Sprinklers/Water Cannons _____ (locations)
 Compaction _____ (percent)
 Enclosure _____ (fences, windbreaks)
 Revegetation _____ (type - attach seeding schedule)
 Will temporary irrigation be supplied? Yes _____ No _____
 Water Source: _____
 Speed Limits _____
 Other _____

NOTE - - Permanent stabilization methods such as construction/landscaping, revegetation, chemical sealant, or other approved method(s) of dust suppression must occur "within 30 days of grading completion". Dust suppression must continue regardless of construction status.

18. Method to control mud and soil being tracked onto adjacent paved roadways: RUMBLE STRIPS WITH ROCK
19. Frequency of daily street cleaning: AS NEEDED FOR CONSTRUCTION
20. Describe the methods (fences, barriers, etc.) to prevent unauthorized traffic on the construction site(s): _____
21. Persons to be contacted during non-working hours in case of dust problems:
 Name & telephone #: EDWARDS 690-4564 Email: edwards@rbhome.us
 Name & telephone #: _____ Email: _____

22. The Applicant's (Owner/Developer) signature or that of his/her Attorney in fact on this application shall constitute agreement by the Applicant to accept responsibility for meeting the "Conditions of Plan" (attached):

Edward C Davis
 Signature

EDWARD C DAVIS
 Print or Type name

REYVEN E BARRIS
 Company Name

3/24/08
 Date

LAND DEVELOPMENT MANAGER
 Title

355-0507
 Phone Number

EXHIBIT "B"

KELLEY EROSION CONTROL, INC.

Bid Date: 4/4/08

Time Sent: 3:15 PM

Page 1 of 1

FROM:

Claudia J. Chambers CPESC, CIT
 Kelley Erosion Control, Inc.
 2395 B Tampa Street
 Reno, NV 89512
 Fax (775) 322-6606
 Phone (775) 322-7755

TO:

Name: Ed Davis
 Company: Reynen Bardis
 Address: 1380 Greg Street, Suite 230
 City: Sparks
 State: NV 89431
 Fax: 356-2891
 Phone: 562-3108 Cell: 690-4564

JOB NAME: Regency Park - Phase 1-A and Phase 1-B

Bid Item	Unit	Estimated Quantity	Unit Price	Total Estimated Price
1-A Dust Control	Acre	12.53	700.00	8,771.00
1-B Dust Control	Acre	14.87	700.00	10,409.00
Lots & Common Areas	Acre	2	700.00	1,400.00
Grand Total - Sales Tax Included				\$20,580.00

SPECIAL INSTRUCTIONS: Non-Union Firm. Excludes: Site or soil prep prior to application, protection from over-spray, protection of areas after application, traffic control, bonding, maintenance or guarantees. One mobilization included. Additional mobilizations @ \$750.00 EA. KEC to provide and pay for water. Work expected in the next several weeks. This quotation is valid for 2-weeks without confirmation. Standby time will be charged if KEC is authorized to mobilize but site is not ready at the time of KEC's arrival @ \$350.00 per hour.

We require pre-payment prior to scheduling work. Please provide pre-lien information along with check.

NV Contractors License # 0027423B and # 0039951

CA Contractors License# 703012

REYNEN BARDIS REGENCY PARK PHASE 1-A & 1-B BID

AHn: SUZANNE DUGGER
 784-7225



AIR QUALITY COMPLAINT/ACTION REQUEST

DATE: 4-14-2010 TIME: 8:00 AM TAKEN BY: SUZANNE DUGGER

ROUTED TO: SUZANNE DUGGER

TYPE OF COMPLAINT: CITIZEN INVESTIGATOR OTHER

RENO SPARKS WASHOE COUNTY AREA 1

COMPLAINT:

EXPIRED DUST CONTROL PERMITS - REGENCY PARK 1A (B08012) AND REGENCY PARK 1B (A08036)

LOCATION OF COMPLAINT: MILITARY ROAD - STEAD BOULEVARD - ECHO AVENUE

RESPONSIBLE PARTY: UNR OWNERS LLC PHONE NUMBER: 916-366-3665

ADDRESS: 10630 MATHER BOULEVARD, MATHER CA 95655

COMPLAINANT: AQMD STAFF - SUZANNE DUGGER PHONE NUMBER: 772-7217

ADDRESS: 1001 EAST 9TH STREET, STE A115, RENO

SPECIAL INSTRUCTIONS:

INVESTIGATOR: SUZANNE DUGGER DATE: 4-14-2010 TIME: 8:00 AM

VIOLATION: 040.030 DUST CONTROL

SEE NOTICE OF VIOLATION CITATION 4960

CASE CLOSED: DATE: 4-14-2010 TIME: 8:00 AM INVESTIGATOR: SUZANNE DUGGER

REVIEWED BY: - DATE: TIME:

VIOLATION: Minor Violation of Section 040.030
Expired Dust Control Permit
Notice of Violation #4960

ISSUED TO: UNR Owners LLC
10630 Mather Blvd.
Mather, Ca. 95655

OPERATOR: Reynen & Bardis
10630 Mather Blvd.
Mather, Ca. 95655

On September 29, 2009 and October 20, 2009, Washoe County Air Quality Management Division (WCAQMD), Air Quality Specialist II (AQS) Suzanne Dugger received notice that the Dust Control Permits #A08036 and #B08012, for the property located at Military Road/Stead Blvd/Echo Avenue in Stead, Nevada, had expired. AQS Dugger has been working with the Reynen & Bardis Company for several months in attempt to get both permits renewed. According to Laurie Rispoli, an associate for Reynen & Bardis, the property is in the process of going into foreclosure, but as of April 14, 2010, Reynen & Bardis are still the legal property owners. Based on this information and the expiration of both dust control permits AQS Dugger has issued Nov. #4960. An appeal form was given with citation.

Suzanne Dugger
Air Quality Specialist II
Air Quality Management Division
Washoe County District Health Department

RECOMMENDED FINE WORKSHEET

DATE: 4-15-2010

CASE#: 1054

COMPANY NAME: UNR OWNERS LLC

CONTACT NAME: REYNEN & BARDIS

VIOLATION: 040.030

SECTIONS: C.3

TYPE OF VIOLATION: MINOR

OCCURRENCE: 2nd

RANGE OF PENALTIES (PER DAY): \$100 - \$250

DEGREE OF VIOLATION: MINOR

ECONOMIC BENEFIT COMPONENT: 12.5 ACRES X \$122 = \$1,525 AND
15 ACRES X \$122 = \$1,830.

DEGREE OF COOPERATION: COMMUNICATION HAS BEEN FAIRLY GOOD
AND OPEN. LAURIE RISPOLI, ASSOCIATE OF REYNEN & BARDIS HAS
BEEN THE BEST CONTACT.

ADDITIONAL COMMENTS: REYNEN & BARDIS COMPANY STATED THAT
THE PROPERTY IS IN FORECLOSURE, BUT WHEN I SPOKE WITH DAN
BRACKEN OF JP MORGEN CHASE, HE STATED HE WAS NOT AWARE OF
THIS.

RECOMMENDED FINE: \$250


AQ SPECIALIST'S SIGNATURE

NOTE: "Minor Violations", per District regulations, cannot exceed \$1000 for the first and second violations. Third minor violations, plus "Major Violations" cannot exceed \$10,000 per day.

Ames, Mary

From: Albee, Charlene
Sent: Monday, April 26, 2010 8:22 AM
To: A & K Earthmovers - ; AGC - Buzz Harris; Airport Authority - D Derie; Airport Authority - David Pittmam; Airport Authority - K Anderson; Airport Authority - R Cox; Airport Authority - Scott Harkema; Airport Authority - Todd Welty; Armstrong Development - Diana Rinck; Associated Builders & Contractors - Clara Andriola; Atlas Contractors - A Arong; Atlas Contractors - Jake Mahoney; Atlas Contractors - Jay Mahoney; Bailey & Dutton Homes - Jerry Cooper; BCJ Sand & Rock - Bryan Morgan; BHI - Terribles - Dave Wood; Black Eagle Consulting - Mitch Fink; Bright Homes - D. Crouch; Brighton Manor LLC - Jeff Francovich; Builders Assn of No NV - Mike Dillon; Building Solutions LLC - Steve; Burke & Associates - Ray Jacobsen ; Columbus Reno 1 LLC - Chris Hunt; Corona LLC - Eric Gibbons; Dennis Banks Construction - Casey; DP Trademark - G Shutt; DP Trademark - M Markwell; DR Horton - Alex Boelts; DR Horton - James Idleman; DR Horton - Sean Kazemi; Earl Games Excavating; Envirotech Services - Charles Sherven; F & P Construction - Lystra Pitts; Falcon Ridge Partners - Colleen Fulgar; Fisher Industries - C Hardy; Fisher Industries - F Mehanna; Fisher Industries - Mike Sronce; Fisher Industries - Norm Bessler; Forum Construction - Michael Diloreto; Frank Lepori Construction; Gradex Construction - Ryan Horning; Granite Construction - Brian Roll; Granite Construction - Craig Miller; Granite Construction - Jessica Rash; Granite Construction - Tom Walbom; Horizon Construction - Brian Smith; Huffman & Carpenter - Debra Lemke; Huffman & Carpenter - Patrick Whitaker; Huffman & Carpenter - Susanne Heim; KG Walters Construction - Dave Backman; KG Walters Construction - Key Joy; Kiley Ranch - Pam Chaney; Law Offices - Thomas J Hall; Lennar - Edward Oliver; Lennar - Frank Mushantaf; Lennar - Ken Brown; Lennar - Mike Branson; Lennar - Richard Szostak; Lennar - Tim Scheideman; Lepori Construction - Field Office; Lepori Construction - Glyn; Lepori Construction - Mike; Lepori Construction - Rocky; Lewis Investments - Ted Erkan; Lewis Operating - Gigi Chisel; Lewis Operating Corp. - Alicia Lutz; Life Style Homes - Peter Lissner; Moana Nursery - Jim Delancey; Monterey Development - S Wagner; Monterey Development Group - SO; Northern Sierra Construction - Mike; Padovan Consulting - Seth Padovan; Peavine Construction - Jeff Paddock; Peavine Construction - Scott Feratto; Petersen Construction - Eric Petersen; Pulte Homes - Wayne Steinpress; Q & D Construction - Doug Elder; Q & D Construction - Michael Rich; Q & D Construction - Rob Bagley; Reno Tahoe Airport Authority - Allan Eckle; Reno-Tahoe Construction - Fred Reeder; Rilite Aggregate - Chris Benna; Rilite Aggregate - Gary Roma; Ryad Consulting Inc. - Randy May; Shaw Engineering - Dave Kitchen; Sierra Earthworks - Joe Meilthoft; Sierra Nevada Construction - D Barlow; Sierra Nevada Construction - M Gordine; Sierra Stripers & Asphalt Paving; Silver Star Communities - Tara Barker; Silverado Excavating - B Fehling; Silverado Excavating - Garret Burleson; Spanish Springs Construction - Adam; SRT - Rich Casci; Sunseri Construction - Dave Christ; Tanamera Development; Target Mining; Ted Brown, PE LLC; Toll Brothers - John Tolbert; Toll Brothers - Matt Mulei; Truckee River Investors - William Wager; Union Pacific Railroad - Danny King; Valley Hoe - C Mitchell; Water Boy - Maddox Guidry; Winco Foods - David Vanetten
Cc: Goodrich, Andy; Bonderson, Noel; Ames, Mary; Burton, Tina; Cerfoglio, Dennis; Dugger, Suzanne; Gaige, Jerry; Osborn, Mike; Prichard, Wallace
Subject: High Wind Warning - 4/27

The National Weather Service has issued a high wind warning for Tuesday (4/27), predicting wind gusts in excess of 55 mph, on the leading edge of a cold front moving into the area. The Air Quality Management Division is recommending all projects with open land areas be prepared for high winds by taking any and all precautions necessary to control dust.

Please be advised, the winds will be increasing in strength starting early tomorrow morning so **PREWETTING THIS AFTERNOON WILL BE CRITICAL** in order to provide adequate dust control during this event.



WASHOE COUNTY HEALTH DISTRICT

AIR QUALITY MANAGEMENT DIVISION



Public Health
Prevent. Promote. Protect.

FEBRUARY 16, 2010

ATTACHED IS A COPY OF EACH ACKNOWLEDGEMENT FORM DOCUMENTING THAT THE AFORESIGNED HAS BEEN PROPERLY NOTIFIED OF THE DATE, TIME AND LOCATION OF THE DISTRICT BOARD OF HEALTH MEETING TO CONSIDER THE FINAL DISPOSITION OF SAID CASE.

P.O. BOX 11130 Reno, NV 89520-0027 • (775) 784-7200 • FAX (775) 784-7225

www.washoecounty.us/health

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WASHOE COUNTY HEALTH DISTRICT AIR QUALITY MANAGEMENT DIVISION



Public Health
Prevent. Promote. Protect

June 16, 2010

UNR Owners LLC
10630 Mather Blvd
Mather CA 95655

RE: Case No. 1054, NOV Citation No. 4960

I hereby acknowledge receiving a packet of the information to be presented to the Washoe County District Board of Health regarding Case No. 1054, at its meeting to be held on Thursday, June 24, 2010 at 1:00 p.m., at 1001 East Ninth Street, Reno, Nevada, Building B, Auditorium B. I understand that at this meeting the District Board of Health will take the appropriate administrative action against Case No.1054.

[Handwritten Signature]
Appellant or Representative

Delivered by:

mailed Certified 6/16/2010
Washoe County Health District
Air Quality Management Division Staff

P.O. BOX 11130 Reno, NV 89520-0027 • (775) 784-7200 • FAX (775) 784-7225

www.washoecounty.us/health

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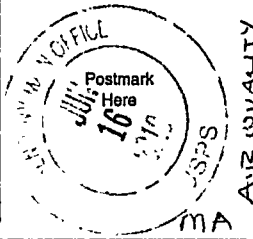
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7008 0150 0003 7312 8962

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$



Sent To **UNR OWNERS LLC**

Street, Apt. No., or PO Box No. **10630 MATHER BLVD**

City, State, ZIP+4 **MATHER CA 95655**

PS Form 3800, August 2006 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

UNR OWNERS LLC
10630 MATHER BLVD
MATHER CA 95655

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee
x Ardis Blackman

B. Received by (Printed Name) **Ardis Blackman** C. Date of Delivery **10-18-10**

D. Is delivery address different from Item 1? Yes
 If YES, enter delivery address below: No

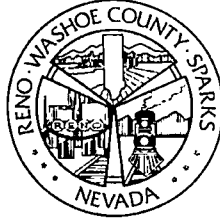
3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number
 (Transfer from service label)

7008 0150 0003 7312 8962

MA



Washoe County Health District

STAFF REPORT

BOARD MEETING DATE: 6/24/10

DATE: June 5, 2010

TO: District Board of Health

FROM: Patsy Buxton, Fiscal Compliance Officer, Washoe County Health District *PB*
775-328-2418, pbuxton@washoecounty.us

THROUGH: Eileen Coulombe, Administrative Health Services Officer *EC*
775-328-2417, ecoulombe@washoecounty.us

SUBJECT: Ratification of Interlocal Agreement between Washoe County Health District and the University of Nevada School of Medicine Integrated Clinical Services, Inc., and University of Nevada School of Medicine Multi-Specialty Group Practice North, Inc. pertaining to male sterilization procedures for the period July 1, 2010 through June 30, 2011 in the total amount not to exceed \$11,300; and if approved authorize the Chairman to execute.

SUMMARY

The Washoe County District Board of Health must approve and execute, or direct the Health Officer to execute, contracts in excess of \$50,000, Interlocal Agreements and amendments to the adopted budget.

The Washoe County Health District's Family Planning Program proposes to contract with the University of Nevada School of Medicine Integrated Clinical Services, Inc., and University of Nevada School of Medicine Multi-Specialty Group Practice North, Inc. for the period July 1, 2010 through June 30, 2011 at the rate of \$452 per completed vasectomy not to exceed a total amount of \$11,300. A copy of the Interlocal Agreement is attached.

Priority/Goal supported by this item: Approval of this Interlocal Agreement supports the Washoe County Health District's Family Planning Program mission to promote and assure that Washoe County citizens have access to confidential, high quality, culturally competent reproductive health and family planning services.

PREVIOUS ACTION

This is an on-going Agreement that has been entered into annually for many years. Last year's Interlocal Agreement was approved by the District Board of Health on December 17, 2009.

BACKGROUND

The contract provides for up to twenty-five (25) vasectomy procedures per year for patients referred from the Health District. The District will conduct a patient assessment to assist with determining an authorized referral and notify the University of Nevada School of Medicine of the preauthorized patient's name using a process agreed upon by both parties. The University of Nevada School of Medicine Multi-Specialty Group North, Inc. will assume all responsibility for maintaining patient records; ensuring that each patient receives a pre-surgery physical exam, a signed consent for the procedure, the surgical procedure, post-operative semen analysis and any additional treatment necessary to ensure the efficacy of the procedure.

Washoe County's Risk Manager and Deputy District Attorney have reviewed and approved this Agreement.

FISCAL IMPACT

Should the Board approve this Interlocal Agreement, there will no additional impact to the adopted FY 11 budget as expenses for this contract were anticipated and projected in the Family Planning Title X Grant Program, internal order 10025, under account 710714, Referral Services.

RECOMMENDATION

Staff recommends that the Washoe County District Board of Health ratify the Interlocal Agreement between Washoe County Health District and the University of Nevada School of Medicine Integrated Clinical Services, Inc., and University of Nevada School of Medicine Multi-Specialty Group Practice North, Inc. pertaining to male sterilization procedures for the period July 1, 2010 through June 30, 2011 in the total amount not to exceed \$11,300; and if approved authorize the Chairman to execute.

POSSIBLE MOTION

Move to ratify the Interlocal Agreement between Washoe County Health District and the University of Nevada School of Medicine Integrated Clinical Services, Inc., and University of Nevada School of Medicine Multi-Specialty Group Practice North, Inc. pertaining to male sterilization procedures for the period July 1, 2010 through June 30, 2011 in the total amount not to exceed \$11,300; and if approved authorize the Chairman to execute.

INTERLOCAL AGREEMENT

THIS AGREEMENT is made and entered into between the WASHOE COUNTY HEALTH DISTRICT, hereinafter referred to as "District," and the University of Nevada School of Medicine Integrated Clinical Services, Inc., and University of Nevada School of Medicine Multi-Specialty Group Practice North, Inc., dba MEDSchool Associates North, hereinafter referred to as "MSAN."

WHEREAS, the District administers Title X funding to provide male sterilization to clients without insurance or sufficient funding to cover the cost of the procedure; and

WHEREAS, MSAN desires to provide male sterilization procedures through the University of Nevada School of Medicine Family Medicine Center;

NOW THEREFORE, in view of their complementary goals, the parties wish to enter into this agreement to decrease the rate of unintended pregnancy in Washoe County.

MSAN agrees to:

1. Provide up to twenty five (25) vasectomy procedures before 6/30/11 for patients referred from the District.
2. Assume all responsibility for maintaining patient records.
3. Ensure that each patient receives a pre-surgery physical exam, a signed consent for the procedure, the surgical procedure, post-operative semen analysis and any additional treatment necessary to ensure the efficacy of the procedure.
4. Complete the Consent for Sterilization Physician's statement and return to District with request of payment (See attached).
5. Bill the Health District monthly after providing services to pre-authorized patients.
6. Comply with all applicable laws, ordinances and regulations of governmental entities including but not limited to blood-borne pathogens, tuberculosis, and professional licensure.
7. Provide the District access to the University of Nevada School of Medicine Family Medicine Center records if requested, to verify services.

The District agrees to:

1. Advertise the availability of subsidized male sterilization to HAWC, Planned Parenthood, Washoe Pregnancy Center, and District Family Planning patients.
2. Conduct a patient assessment to assist with determining an authorized referral. Priority for services is given to low-income males and those who are un/under insured, medically indigent or have no other resources for health care.
3. Notify MSAN of the pre-authorized patient's name using a process agreed upon by both parties.
4. The District will complete the Consent to Sterilization, Statement of Person Obtaining Consent and the Interpreter Statement (if indicated) and provide a copy to MSAN so they may complete the Physician's Statement as indicated above (See attached).
5. Reimburse MSAN in the amount of \$452.00 per completed vasectomy up to a maximum of \$11,300 annually.
6. Provide no payment in advance of services. Payment is due within 30 days. Payments are to be mailed to the following address:

MEDSchool Associates North
Nelson Building – MS 353
Attn: Accounts Receivable
401 West Second Street, Suite 237
Reno, NV 89503-5353

HIPAA. As hybrid entities, the parties acknowledge the applicability of the Health Insurance Portability and Accountability Act of 1996, P.L. 104-191 ("HIPAA") to any covered functions, which may be performed pursuant to this Agreement.

INDEMNIFICATION.

- a. Consistent with the Limited Liability provision stated below, each party shall indemnify, hold harmless and defend, not excluding the other's right to participate, the other party from and against all liability, claims, actions, damages, losses, and expenses, including but not limited to reasonable attorneys' fees and costs, arising out of any alleged negligent or willful acts or omissions of the indemnifying party, its officers, employees and agents. Such obligation shall not be construed to negate, abridge, or otherwise reduce any other right or obligation of indemnity, which would otherwise exist as to any party or person, described in this paragraph.
- b. The indemnification obligation under this paragraph is conditioned upon receipt of written notice by the indemnifying party within 30 days of the indemnified party's actual notice of any actual or pending claim or cause of action. The indemnifying party shall not be liable to hold harmless any attorneys' fees and costs for the indemnified party's chosen right to participate with legal counsel.
- c. In the event that the provisions of NRS Chapter 41 do not apply to a party, the party not covered by Chapter 41 agrees to indemnify the other party for any amount of damages in excess of the capped amount contained in Chapter 41 that may be awarded.

LIMITED LIABILITY. The parties will not waive and intend to assert available NRS chapter 41 liability limitations in all cases. Contract liability of both parties shall not be subject to punitive damages. To the extent applicable, actual contract damages for any breach shall be limited by NRS 353.260 and NRS 354.626.

TERM. The term of this Agreement is from July 1, 2010 through June 30, 2011. This Agreement may be further extended for a term of up to one year, by agreement in writing between the parties, within 30 days prior to the end of this Agreement.

TERMINATION. Either party may terminate this Agreement and any amendments at any time, without cause or penalty upon 30 days written notice to the other party. The District shall reimburse MSAN for any services still owing prior to the termination date of this Agreement but reserves the right to withhold payment if it is determined that the services were not provided.

NON-APPROPRIATION. In the event funds are not appropriated for the purposes specified in this Agreement, MSAN hereby consents to the termination of this Agreement. In such event, District will notify MSAN in writing and the agreement will terminate on the date specified in the notice. Both parties understand that this funding out provision is required by N.R.S. 354.626.

SEVERABILITY. The provisions of this Agreement shall be deemed severable and if any portion shall be held invalid, illegal or unenforceable for any reason, the remainder of the Agreement shall be in effect and binding upon the parties.

WAIVER OF PROVISION. Any waiver of any terms or conditions hereof must be in writing and signed by the parties hereto. A waiver of any of the terms or conditions hereof shall not be construed as a waiver of any other terms or conditions hereof.

AMENDMENTS. This Agreement may be amended at any time by mutual agreement of the parties without additional consideration, provided that before any amendment shall be operative or valid it shall be reduced to writing and signed by the parties. This Agreement may be reviewed at any time by both parties to determine whether the Agreement is appropriate as it relates to individuals referred from the District.

ENTIRE AGREEMENT. This Agreement contains the entire agreement between the parties and shall be binding upon the parties and no other agreements, oral or written, have been entered into with respect to the subject of this Agreement.

ASSIGNMENT. Nothing contained in this Agreement shall be construed to permit assignment by MSAN of any rights, duties or obligations under this Agreement and such assignment is expressly prohibited.

NOTICES. Official notices required under this Agreement shall be sent to the parties by certified or registered mail, return receipt requested, postage prepaid in the United States Postal Service to the addresses set forth below, or to such other addresses as the parties may designate in writing from time to time by notice given in accordance with the provisions of this section.

Notices to MSAN shall be addressed to:

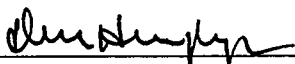
Gail Smith, Director of Contracting
UNSOM
1664 N. Virginia Street
M/S 0332 – Pennington Bldg. # 231
Reno, Nevada 89557-0332

Notices to the District shall be addressed to:

M. A. Anderson, MD, MPH, District Health Officer
Washoe County Health District
P. O. Box 11130
Reno NV 89520-0027

Witness whereof, the parties hereto or a representative of either have set their hands and subscribed their signatures as of the date and year indicated.

DISTRICT BOARD OF HEALTH

By:  Date: 6/24/10
Denis Humphreys, OD, Chairman

University of Nevada School of Medicine Integrated Clinical Services, Inc., and University of Nevada School of Medicine Multi-Specialty Group Practice North, Inc., dba MEDSchool Associates North

By: _____ Date: _____
Ole J. Thienhaus, MD
ICS President

By: _____ Date: _____
Nevin Wilson, MD
MSAN President



Washoe County Health District

STAFF REPORT

BOARD MEETING DATE: June 24, 2010

DATE: June 14, 2010

TO: District Board of Health

FROM: Lori Cooke, Fiscal Compliance Officer, Washoe County Health District
775-325-8068, lcooke@washoecounty.us *LC*

THROUGH: Eileen Coulombe, Administrative Health Services Officer *EC*
775-328-2417, ecoulombe@washoecounty.us

SUBJECT: Retroactive approval of Washoe County District Health Officer Acceptance of Subgrant Amendment #1 from the Nevada Department of Health and Human Services, Health Division for the period January 1, 2010 to December 31, 2010 in the amount of \$249,654 for total Calendar Year 2010 funding of \$344,183, in support of the Immunization Program (IO 10028).

SUMMARY

The Washoe County District Board of Health must approve and execute, or direct the Health Officer to execute, contracts in excess of \$50,000, Interlocal Agreements and amendments to the adopted budget. The Health District has received a Subgrant Amendment from the Nevada Department of Health and Human Services, Health Division, which provides for grant funding for the on-going Immunization Program, IO 10028. A copy of the Amendment is attached.

Goal supported by this item: Approval of Subgrant Amendment #1 supports the Health District Immunization Program Mission to promote public health by reducing vaccine preventable disease through immunization, with an emphasis on collaboration and cooperation with community partners.

PREVIOUS ACTION

The Washoe County District Board of Health approved the last Subgrant Award for Calendar Year 2010 ("Round #1 funding") in support of the Immunization Program in the amount of \$94,529 on March 25, 2010.

BACKGROUND

The Department of Health and Human Services, Health Division has received "Round 2" funding from the Centers for Disease Control and Prevention (CDC). As such, the Subgrant

AGENDA ITEM # 7.C.2.

Amendment #1 reflects increased funding for the period January 1, 2010 through December 31, 2010. The amendment reflects an additional \$249,654 in funding for total Calendar Year 2010 funding of \$344,183.

The Washoe County Health District didn't receive Subgrant Amendment #1 in time to place on the May 27, 2010 District Board of Health agenda. Due to timing requirements, including fiscal year-end closeout, the Washoe County District Health Officer, M. A. Anderson, MD, MPH, signed the Notice of Subgrant Award on June 3, 2010.

This grant provides funding for: personnel and benefits (direct service, registry, technical assistance, training, surveillance, assessment, etc.), equipment, office supplies, training/travel, and operating supplies such as: MD consultants, other professional services, postage, copier charges, printing, telephone and repairs and maintenance.

FISCAL IMPACT

Should the Board approve the Subgrant Agreement, budget amendments for FY10 are not required as this award crosses County fiscal years and there is sufficient budget authority through June 30, 2010.

RECOMMENDATION

Staff recommends that the District Board of Health retroactively approve Washoe County District Health Officer Acceptance of Subgrant Amendment #1 from the Nevada Department of Health and Human Services, Health Division for the period January 1, 2010 to December 31, 2010 in the amount of \$249,654 for total Calendar Year 2010 funding of \$344,183, in support of the Immunization Program (IO 10028).

POSSIBLE MOTION

Move to retroactively approve Washoe County District Health Officer Acceptance of Subgrant Amendment #1 from the Nevada Department of Health and Human Services, Health Division for the period January 1, 2010 to December 31, 2010 in the amount of \$249,654 for total Calendar Year 2010 funding of \$344,183, in support of the Immunization Program (IO 10028).

HEALTH DIVISION

(hereinafter referred to as the DIVISION)

Budget Account #: 3213
 Category #: 19,20
 GL #: 8516

NOTICE OF SUBGRANT AWARD

Program Name: Immunization Program Bureau of Child, Family & Community Wellness Nevada State Health Division	Subgrantee Name: Washoe County Health District (WCHD)
------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------

Address: 4150 Technology Way, Suite #101 Carson City, NV 89706-2009	Address: PO Box 11130 Reno, NV 89520
----------------------------------------------------------------------------------	---------------------------------------------------

Subgrant Period: January 1, 2010 through December 31, 2010	Subgrantee EIN#: 886000138 Subgrantee Vendor#: T40283400 Q Subgrantee DUNS#: 73786998
----------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------

Reason for Award: To eliminate cases of vaccine-preventable diseases in Washoe County by raising the immunization levels of all Washoe County citizens with special emphasis placed on increasing the age-appropriate immunization levels of two-year-old children.

County(ies) to be served: () Statewide (X) Specific county or counties: WASHOE COUNTY

Approved Budget Categories:

		3568	Total	Subgrantee may make categorical funding adjustments up to ten percent (10%) of the total subgrant amount without a formal request or amending the agreement, so long as the adjustment is reasonable to support the activities described within the Scope of Work and the adjustment does not alter the Scope of Work.
1. Personnel	\$	87,857	87,857	
Equipment	\$	1,200	1,200	
Supplies	\$	500	500	
4. Travel	\$	1,814	1,814	
5. Other	\$	3,158	3,158	
Total Cost	\$	94,529	94,529	

Disbursement of funds will be as follows:
 Payment will be made upon receipt and acceptance of an invoice and supporting documentation specifically requesting reimbursement for actual expenditures *specific to this subgrant*. Total reimbursement will not exceed \$94,529.00 during the subgrant period.

Source of Funds:	% of Funds:	CFDA#:	Federal Grant #:
1. Centers for Disease Control and Prevention	100%	93.268	5H23IP922549-08

Terms and Conditions

In accepting these grant funds, it is understood that:

- Expenditures must comply with appropriate state and/or federal regulations.
- This award is subject to the availability of appropriate funds.
- Recipient of these funds agrees to stipulations listed in Sections A, B, and C of this subgrant award.

	Signature	Date
Washoe County Health District		3/25/10
Christine N. Smith Program Manager		2-24-2010
Sarah A. Harris, MA, CPM Bureau Chief		3/1/10
Richard Whitley, MS Administrator, Health Division		3/29/10

HEALTH DIVISION
NOTICE OF SUBGRANT AWARD
SECTION A
Assurances

As a condition of receiving subgranted funds from the Nevada State Health Division, the Subgrantee agrees to the following conditions:

1. Subgrantee agrees grant funds may not be used for other than the awarded purpose. In the event Subgrantee expenditures do not comply with this condition, that portion not in compliance must be refunded to the Health Division.
2. Subgrantee agrees to submit reimbursement requests for only expenditures approved in the spending plan. Any additional expenditures beyond what is allowable based on approved categorical budget amounts, without prior written approval by the Health Division, may result in denial of reimbursement.
3. Approval of subgrant budget by the Health Division constitutes prior approval for the expenditure of funds for specified purposes included in this budget. Unless otherwise stated in the Scope of Work the transfer of funds between budgeted categories without written prior approval from the Health Division is not allowed under the terms of this subgrant. Requests to revise approved budgeted amounts must be made in writing and provide sufficient narrative detail to determine justification.
4. Recipients of subgrants are required to maintain subgrant accounting records, identifiable by subgrant number. Such records shall be maintained in accordance with the following:
 - a. Records may be destroyed not less than three years (unless otherwise stipulated) after the final report has been submitted if written approval has been requested and received from the Administrative Services Officer of the Health Division. Records may be destroyed by the Subgrantee five (5) calendar years after the final financial and narrative reports have been submitted to the Health Division.
 - b. In all cases an overriding requirement exists to retain records until resolution of any audit questions relating to individual subgrants.

Subgrant accounting records are considered to be all records relating to the expenditure and reimbursement of funds awarded under this Subgrant Award. Records required for retention include all accounting records and related original and supporting documents that substantiate costs charged to the subgrant activity.

5. Subgrantee agrees to disclose any existing or potential conflicts of interest relative to the performance of services resulting from this subgrant award. The Health Division reserves the right to disqualify any grantee on the grounds of actual or apparent conflict of interest. Any attempt to intentionally or unintentionally conceal or obfuscate a conflict of interest will automatically result in the disqualification of funding.
6. Subgrantee agrees to comply with the requirements of the Civil Rights Act of 1964, as amended, and the Rehabilitation Act of 1973, P.L. 93-112, as amended, and any relevant program-specific regulations, and shall not discriminate against any employee or offeror for employment because of race, national origin, creed, color, sex, religion, age, disability or handicap condition (including AIDS and AIDS-related conditions).
7. Subgrantee agrees to comply with the Americans with Disabilities Act of 1990 (P.L. 101-136), 42 U.S.C. 12101, as amended, and regulations adopted thereunder contained in 28 CFR 26.101-36.999 inclusive, and any relevant program-specific regulations.

Subgrantee agree to comply with the requirements of the Health Insurance Portability and Accountability Act of 1996, 45 C.F.R. 160, 162 and 164, as amended. If the subgrant award includes functions or activities that involve the use or disclosure of Protected Health Information, the Subgrantee agrees to enter into a Business Associate Agreement with the Health Division, as required by 45 C.F.R. 164.504 (e).

Subgrantee certifies, by signing this subgrant, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency. This certification is made pursuant to regulations implementing Executive Order 12549, Debarment and Suspension, 28 C.F.R. pt. 67 § 67.510, as published as pt. VII of May 26, 1988, Federal Register (pp.19150-19211). This provision shall be required of every Subgrantee receiving any payment in whole or in part from federal funds.

- j). Subgrantee agrees, whether expressly prohibited by federal, state, or local law, or otherwise, that no funding associated with this subgrant will be used for any purpose associated with or related to lobbying or influencing or attempting to lobby or influence for any purpose the following:
- a. any federal, state, county or local agency, legislature, commission, council, or board;
 - b. any federal, state, county or local legislator, commission member, council member, board member, or other elected official; or
 - c. any officer or employee of any federal, state, county or local agency, legislature, commission, council, or board.

- l. Health Division subgrants are subject to inspection and audit by representatives of the Health Division, Nevada Department of Health and Human Services, the State Department of Administration, the Audit Division of the Legislative Counsel Bureau or other appropriate state or federal agencies to
- a. verify financial transactions and determine whether funds were used in accordance with applicable laws, regulations and procedures;
 - b. ascertain whether policies, plans and procedures are being followed;
 - c. provide management with objective and systematic appraisals of financial and administrative controls, including information as to whether operations are carried out effectively, efficiently and economically; and
 - d. determine reliability of financial aspects of the conduct of the project.

Any audit of Subgrantee's expenditures will be performed in accordance with Generally Accepted Government Auditing Standards to determine there is proper accounting for and use of subgrant funds. It is the policy of the Health Division (as well as a federal requirement as specified in the Office of Management and Budget (OMB) Circular A-133 [Revised June 27th, 2003]) that each grantee annually expending \$500,000 or more in federal funds have an annual audit prepared by an independent auditor in accordance with the terms and requirements of the appropriate circular. A COPY OF THE FINAL AUDIT REPORT MUST BE SENT TO THE NEVADA STATE HEALTH DIVISION, ATTN: ADMINISTRATIVE SERVICES OFFICER IV, 4150 TECHNOLOGY WAY, SUITE 300. CARSON CITY, NEVADA 89706-2009, within nine (9) months of the close of the Subgrantee's fiscal year.

HEALTH DIVISION
NOTICE OF SUBGRANT AWARD
SECTION B

Description of services, scope of work, deliverables and reimbursement

Washoe County Health District (WCHD), hereinafter referred to as Subgrantee, agrees to provide the following services and reports according to the identified timeframes. Subgrantee understands that funding is directly tied to the accomplishment of the following objectives:

A. Quality Assurance

Improving immunization practices in provider settings is one of the most effective methods of increasing immunization coverage. The AFIX methodology is a comprehensive and effective tool for improving patient vaccination coverage levels and immunization practices of healthcare providers. VFC funding is available to increase the number of site visits to private VFC providers and incorporate the AFIX activities into traditional VFC site visits.

Goal: Increase combined VFC /AFIX site visits per year to a minimum of 75% of enrolled VFC providers

Objective	Activities	Date due by	Documentation
Provide a minimum 3 combined VFC/AFIX site visits per year or 75% of total enrolled VFC providers. Current number enrolled as of January 2010 is 49.	<ol style="list-style-type: none"> 1. Conduct a minimum of 3 VFC/AFIX site visits and 3 respective feedback visits per month. 2. WCHD will receive a finalized list of VFC providers and a list of parameters from the NSHD Provider QA manager. 3. Utilize the most recent VFC site visit questionnaire and VFC non compliance checklist provided by the NSHD Immunization Program. 4. Utilize the registry to conduct CoCASA or directly enter immunization records into the most recent Co-CASA module as provided by the CDC. 5. Generate the summary reports for the series selected by the CDC. Generate the single antigen report to complete the information on the "Visit Information" tab. 6. Provide a monthly report to the NSHD Provider Quality Assurance Manager on the number of visits conducted, data collected, and original reporting sheet. (Data can be shared monthly through the FTP site or downloaded on a storage devise). 7. Promote online "Vaccine University" program when established to providers during site visits. 	By the last day of each month	Monthly Report and CoCASA information
Provide AFIX assessments for all Washoe County registry users for the Silver Syringe Awards yearly.	<ol style="list-style-type: none"> 1. Coordinate with NSHD –Immunization Staff yearly to conduct an AFIX assessment on all registry users for Silver Syringe Awards. 2. Conduct an AFIX assessment on all Washoe County VFC registry users yearly as requested by the NSHD. 	As requested – deadline will be provided by Provider QA manager	
Goal: Conduct VFC site visits and technical assistance/educational visits			

Objective	Activities	Date due by	Evaluation Documentation
100 % of newly enrolled VFC sites will receive a VFC site visit within 90-120 days of enrollment.	<ol style="list-style-type: none"> Conduct VFC site visits on newly enrolled VFC providers within 90 – 120 days of enrollment (info on providers will be provided by NSHD) Utilize VFC site visit questionnaire and original reporting sheet to note deficiencies when conduction site visits with newly enrolled providers. 	Ongoing	Monthly Report. Provide original reporting document to provider QA specialist at NSHD
Provide technical assistance visits/follow up visits for VFC providers as requested by NSHD-Immunization Program on 100% of requests.	<ol style="list-style-type: none"> Coordinate with NSHD-Immunization Program to provide technical assistance or follow visits as requested by programmatic staff. 	Ongoing	Monthly Report. Provide outcomes of visits or TA on a monthly basis
Provide Educational Visits as requested or necessary. Provide the most up to date VIS statements to all VFC providers.	<ol style="list-style-type: none"> Work with the NSHD and enrolled providers to conduct educational visits as necessary. Provide access to up to date VIS statements to all providers during site visits. 	Ongoing	Monthly Report

B. Partnerships

The increase in the number of new vaccines to be given across the lifespan has led to more complex immunization schedules and the need for ongoing and up-to-date education for both the medical community and the community at large. Assist providers in locating training for their staff, to locate and access tools that may assist in educating staff and patients on immunization issues, and to encourage the optimal use or development of coalitions, partnerships, and other unique relationships to maximize efforts.

Goal: Support, collaborate and participate in the Northern Nevada Immunization Coalition

Objective	Activities	Date due by	Documentation
WCHD will dedicate a minimum of 2 immunization staff members to participate in NNIC.	<ol style="list-style-type: none"> Staff will participate in planning of immunization activities as requested by NNIC. Staff will participate in Adult Immunization Committees; Adolescent Immunization Committees; Childhood Immunization Committees Staff will participate in immunization events as planned by NNIC – such as NCIW. Staff will attend NNIC monthly meetings 	Ongoing	Quarterly Report

Goal: Strengthen partnerships with daycare centers, childcare providers, and schools to promote the earliest intervention schedule, to promote the medical home, to inform them of child care/school requirements and develop other immunization messages consistent with the NV'r Miss a Shot Campaign.		
Objective	Activities	Date due by
Provide instruction on assessment of IZ records and promote earliest interval schedule and training to child care/day care centers/ 3 x per year.	<ol style="list-style-type: none"> Schedule three (3) separate workshops for childcare/daycare personnel to provide instruction on assessing immunization schedules. Provide training materials during workshops Conduct pre- and post- evaluations of workshops 	Ongoing
		Documentation
		Quarterly Report

C. Statewide Immunization Registry or IIS

Overall program goals to increase to 95% the proportion of children under age 6 are enrolled in a fully operational immunization registry or IIS by the year 2010.

Goal: Support the use of the statewide immunization registry		
Objective	Activities	Date due by
Refer all VFC providers during site visits to training and enrollment into the statewide immunization registry.	<ol style="list-style-type: none"> During site visits promote the use of the statewide registry. Refer providers to enroll and training on use of the registry. 	Ongoing
Provide all VFC providers with newly enacted regulations mandating the entry of childhood immunizations into the registry.	<ol style="list-style-type: none"> During site visits provide newly enacted regulations on mandates on reporting the administration of immunizations to children through the age of 18. 	Ongoing
		Documentation
		Quarterly Report

D. Perinatal Hepatitis B Prevention

Based on the success of past endeavors of hepatitis B disease reduction among both children and adults, the CDC seeks to eliminate hepatitis B virus transmission in the United States. However this goal cannot be achieved without the assistance from the immunization grantees, especially the Perinatal hepatitis B prevention coordinators.

Goal: Identify and manage HBsAg-positive pregnant women and infants at risk of acquiring Perinatal hepatitis B infection		
Objective	Activities	Date due by
Conduct and coordinate case management of all Washoe County infants at high risk for perinatally acquired hepatitis B infection.	<ol style="list-style-type: none"> Provide case management for infants at high risk for Perinatal acquired hepatitis B infection to ensure the 3 dose hepatitis B series is complete by 6-8months of age, administration of HBIG, and post vaccination serologic testing by 9-15 months of age. Assure timely laboratory reporting of HBsAg- positive test results in pregnant women by collaborating with prenatal care providers, birthing hospitals, and laboratories. Identify household contacts and sexual partners of HBsAg positive women and ensure that they receive the hepatitis series if 	Ongoing
		Documentation
		Quarterly Report

	susceptible.		
	4. Annually analyze case data to monitor progress. Measure the percentage of identified infants born to HBsAg positive women who received their hepatitis B vaccine series and post vaccination serologic testing on time.	Ongoing	Quarterly Report

Goal: Conduct Perinatal Hepatitis B Hospital Policy and Practices Survey			
Objective	Activities	Date due by	Documentation
A minimum of 25% of Wahoe County Birthing Centers will have a site visit per year to collect Data for the Perinatal Hepatitis B Hospital Policy and Practices Survey.	<ol style="list-style-type: none"> 1. WCHD will make arrangements with designated hospitals to conduct the survey. Hospitals that have delivered infants of HBsAg-positive women or in areas of high HBsAg prevalence rates should be prioritized. 2. Conduct and report survey based on CDC requirements. 	Ongoing	Quarterly Report

Goal: Attendance to the National Immunization Conference in 2010			
Objective	Activities	Date due by	Documentation
At least one (1) VFC PHN or designee must attend the National Immunization Conference in 2010.	Register and send VFC PHN or designated staff member(s) that conduct VFC/AFIX site visit for the National Immunization Conference.	Yearly	Quarterly Report

METHOD OF ACCOUNTABILITY

Monthly Report due by the last day of each month.

Quarterly Report due within fifteen (15) days of the end of each quarter (April 15, 2010; July 15, 2010; October 15, 2010; January 15, 2010)

Vaccines for Children Program Management Survey due February 15, 2011

General Subgrant Requirements

- Identify the source of funding on all printed documents purchased or produced within the scope of this subgrant, using a statement similar to: “This publication (journal, article, etc.) was supported by the Nevada State Health Division through Grant Number 5H23IP922549-08 from the Centers for Disease Control & Prevention. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the Nevada State Health Division or the Centers for Disease Control & Prevention.”
- Any activities performed under this subgrant shall acknowledge the funding was provided through the State Health Division by Grant Number 5H23IP922549-08 from the Centers for Disease Control & Prevention.

(continued on next page)

Subgrantee agrees to adhere to the following budget:

	3568		
Personnel	87,857	Public Health Nurse II	14,458
		Public Health Nurse II	15,647
		Public Health Nurse II	14,514
		Epidemiologist	964
		Office Support Specialist	3,274
		Intermittent RNI	8,130
		Intermittent CHA	5,903
		Total Salaries	62,890
		Fringe @ 27%	16,980
		Total Personnel+Fringe	79,870
		Indirect @ 10%	7,987
		Total Personnel	87,857
Equipment	1,200	Non-capital equipment	1,200
Supplies	500	Office Supplies	500
Travel	1,814	Total Supplies	500
		Mileage - Travel in Washoe County	
		20 mi/week X 13 weeks X \$0.5/mi	130
		Total Mileage	130
		National Immunization Conference Apr 2010	
		5 days/4 nights	
		Airfare	600
		Lodging @ \$161/night x 4 nights	644
		Per Diem @ \$56/day x 5 days	280
		Transportation @ \$20/day x 5 days	100
		Parking @ \$12/day x 5 days	60
		Total NIC	1,684
		Total Travel	1,814

Other	3,158	MD Consultants: 3 mo X \$319/mo	957
		Other Professional Services @ \$169/mo x 3 mo	507
		Postage: \$45/mo X 3 mo	135
		Copier Charges: \$130/mo X 3 mo	390
		Printing: \$150/mo X 3 mo	450
		Telephone: \$65/mo X 3 mo	195
		Repairs & Maintenance @ \$83/mo x 3 mo	249
		NIC Registration	275
		Total Other	3,158
Total Budget	\$ 94,529		

- Subgrantee may make categorical funding adjustments up to ten percent (10%) of the total subgrant amount without a formal request or amending the agreement, so long as the adjustment is reasonable to support the activities described within the Scope of Work and the adjustment does not alter the Scope of Work.
 - Equipment purchased with these funds belongs to the federal program from which this funding was appropriated and shall be returned to the program upon termination of this agreement.
 - Travel expenses, per diem, and other related expenses must conform to the procedures and rates allowed for State officers and employees. It is the Policy of the Board of Examiners to restrict contractors/subgrantees to the same rates and procedures allowed State Employees. The State of Nevada reimburses at rates comparable to the rates established by the US General Services Administration, with some exceptions (State Administrative Manual 0200.0 and 0320.0).
- Subgrantee agrees to request reimbursement according to the schedule specified below for the actual expenses incurred related to the Scope of Work during the subgrant period.
- Reimbursement may be requested monthly for expenses incurred in the implementation of the Scope of Work.
 - The maximum available through this subgrant is \$94,529.
 - Requests for Reimbursement will be accompanied by the Monthly Report and supporting documentation, including a line item description of expenses incurred;
 - Additional expenditure detail will be provided upon request from the Division.
- Additionally, the subgrantee agrees to provide:
- A complete financial accounting of all expenditures to the Health Division within 45 days of the CLOSE OF THE SUBGRANT PERIOD. Any un-obligated funds shall be returned to the Health Division at that time, or if not already requested, shall be deducted from the final award.

The Nevada State Health Division agrees:

- Payment will be made at least quarterly.
- To provide technical assistance, upon request from the Subgrantee.
- The Health Division reserves the right to hold reimbursement under this subgrant until any delinquent forms, reports, and expenditure documentation are submitted to and accepted by the Health Division.

Both parties agree:

The Subgrantee will, in the performance of the Scope of Work specified in this subgrant, perform functions and/or activities that involve the use and/or disclosure of Protected Health Information (PHI); therefore, the Subgrantee is considered a Business Associate of the Health Division.

- Both parties acknowledge a Business Associate Agreement is currently on file with the Nevada State Health Division's Administration Office.

All reports of expenditures and requests for reimbursement processed by the Health Division are SUBJECT TO AUDIT.

This subgrant agreement may be TERMINATED by either party prior to the date set forth on the Notice of Subgrant Award, provided the termination shall be not be effective until 30 days after a party has served written notice upon the other party. This agreement may be terminated by mutual consent of both parties or unilaterally by either party without cause. The parties expressly agree that this Agreement shall be terminated immediately if for any reason the Health Division, state, and/or federal funding ability to satisfy this Agreement is withdrawn, limited, or impaired.

Nevada Department of Health and Human Services

Health Division # 10173
 Bureau Program # 3213
 GL # 8516
 Draw #: _____

HEALTH DIVISION

REQUEST FOR REIMBURSEMENT / ADVANCE

Program Name: Immunization Program Bureau of Child, Family & Community Wellness Nevada State Health Division	Subgrantee Name: Washoe County Health District (WCHD)
Address: 4150 Technology Way, Suite #101 Carson City, NV 89706	Address: PO Box 11130 Reno, NV 89520
Subgrant Period: January 1, 2010 through December 31, 2010	Subgrantee EIN#: 88-6000138 Subgrantee Vendor#: T40283400 Q

FINANCIAL REPORT AND REQUEST FOR FUNDS

(report in whole dollars; must be accompanied by expenditure report/back-up)

Month(s): December **Calendar Year:** 2010

Approved Budget Category	A Approved Budget	B Total Prior Requests	C Current Request	D Year To Date Total	E Budget Balance	F Percent Expended
1 Personnel	\$ 87,857.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 87,857.00	0%
2 Equipment	\$ 1,200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,200.00	0%
3 Supplies	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0%
4 Travel	\$ 1,814.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,814.00	0%
5 Other	\$ 3,158.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 3,158.00	0%
6	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0%
7	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0%
8 Total	\$ 94,529.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 94,529.00	0%

This report is true and correct to the best of my knowledge.

Authorized Signature _____ Title _____ Date _____

Reminder: Request for Reimbursement cannot be processed without an expenditure report/back-up. Reimbursement is only allowed for items contained within Subgrant Award documents. If applicable, travel claims must accompany report.

FOR HEALTH DIVISION USE ONLY

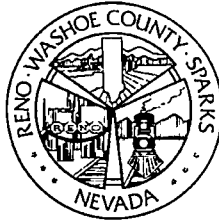
Program contact necessary? Yes No Contact Person: _____

Reason for contact: _____

Fiscal review/approval date: _____ Signed: _____

Scope of Work review/approval date: _____ Signed: _____

ASO or Bureau Chief (as required): _____ Date: _____



Washoe County Health District

STAFF REPORT

BOARD MEETING DATE: 6/24/10

DATE: June 16, 2010

TO: District Board of Health

FROM: Patsy Buxton, Fiscal Compliance Officer, Washoe County Health District *PB*
775-328-2418, pbuxton@washoecounty.us

THROUGH: Eileen Coulombe, Administrative Health Services Officer *E*
775-328-2417, ecoulombe@washoecounty.us

SUBJECT: Approval of Subgrant Amendment #1 from the Nevada State Health Division, Bureau of Child, Family, and Community Wellness for the Maternal Child Health (MCH) - Pregnancy Connection Grant program that extends the term of the grant period for three months, and authorizes federal expenditures through September 30, 2010; and if approved authorize the District Health Officer to execute.

SUMMARY

The Washoe County District Board of Health must approve and execute, or direct the Health Officer to execute, contracts in excess of \$50,000, Interlocal Agreements and amendments to the adopted budget.

The Washoe County Health District program staff submitted a request to the Nevada State Health Division to extend the term of the Subgrant through September 30, 2010. Deborah Aquino, Title V/Maternal & Child Health State Program Manager is currently preparing a 90 day, no cost extension for the MCH – Pregnancy Connection Grant. A copy of the Notice of Subgrant Award that was approved by the Board on January 28, 2010 is attached.

County Priority/Goal supported by this item: Approval of the Subgrant Amendment supports Washoe County's strategic priority to "Improve Public Safety, Security and Health" as well as the strategic priority to "Preserve and Enhance our Quality of Life". It also supports the Health District's Home Visiting Program's mission to promote public health by educating and empowering individuals and families to enhance their physical, emotional, mental, and social well being; and through the development of partnerships, promote a safe and healthy community.

AGENDA ITEM # 7.D.

1001 EAST NINTH STREET / P.O. BOX 11130, RENO, NEVADA 89520 (775) 328-2400 FAX (775) 328-2279

PREVIOUS ACTION

The District Board of Health directed staff to submit a grant application to the Nevada State Health Division, in the amount of \$58,000 for Maternal Child Health Federal Consolidated Programs at their December 17, 2009 board meeting. On January 28, 2010 the District Board of Health retroactively approved the District Health Officer's acceptance of the Notice of Subgrant Award in the amount of \$58,000 for the period January 1, 2010 to June 30, 2010.

BACKGROUND

Candy Hunter, Public Health Nursing Supervisor requested an extension of the Pregnancy Connection grant that will compensate for the late start and continue case finding to increase access to prenatal care in the first trimester. Below is her rationale that supports this request:

- “Grant approval and fund distribution for the grant were delayed due to personnel changes at the Nevada State Health Division resulting in an actual start date of February 1, 2010. The resulting short time frame (five months) allowed for case finding of a finite number of pregnant women in five months rather than the usual twelve months in a grant year. Additional pregnant women will be in need of services from July through September 2010 and could be well served by program staff and incentives.”
- “As a result of staffing challenges for a short term grant using highly trained personnel with unique skill sets, the full personnel and service/supply budget cannot be expended in the time frame allowable.”

FISCAL IMPACT

Should the Board approve the no-cost extension, the FY11 budget will be increased by the actual amount of unspent budget authority in internal order 10828 at June 30, 2010. The Washoe County Health District will identify the total amount of available budget authority to carry forward into FY11 in the memo that is submitted to the Comptrollers office at year-end.

RECOMMENDATION

Staff recommends that the Washoe County District Board of Health approve Subgrant Amendment #1 from the Nevada State Health Division, Bureau of Child, Family, and Community Wellness for the Maternal Child Health (MCH) - Pregnancy Connection Grant program that extends the term of the grant period for three months, and authorizes federal expenditures through September 30, 2010; and if approved authorize the District Health Officer to execute.

POSSIBLE MOTION

Move to approve Subgrant Amendment #1 from the Nevada State Health Division, Bureau of Child, Family, and Community Wellness for the Maternal Child Health (MCH) - Pregnancy Connection Grant program that extends the term of the grant period for three months, and authorizes federal expenditures through September 30, 2010; and if approved authorize the District Health Officer to execute.

HEALTH DIVISION

(hereinafter referred to as the DIVISION)

Budget Account #: 3222
 Category #: 15
 GL #: 3510 & 2501

NOTICE OF SUBGRANT AWARD

Program Name: Maternal & Child Health Program Bureau of Child, Family, and Community Wellness Nevada State Health Division		Subgrantee Name: Washoe County Health District <i>IO-10828 \$50,000 ; IO-10007 \$8,000</i>	
Address: 4150 Technology Way, Suite 101 Carson City, NV 89706-2009		Address: 1001 East Ninth Street Reno, NV 89512	
Subgrant Period: January 1, 2010 to June 30, 2010.		Subgrantee EIN#: 88-6000138 Subgrantee Vendor#: T-40283400	
Reason for Award: Improve access to prenatal care in the first trimester for target population of pregnant women			
County(ies) to be served: () Statewide () Specific county or counties: <u>Washoe County</u>			
Approved Budget Categories:			
1. Personnel	\$	48,532.00	
2. Travel	\$	4,400.00	
3. Operating	\$	0	
4. Supplies	\$	5,068.00	
5. Contractual/Consultant	\$	0	
6. Training	\$	0	
7. Other	\$	0	
Total Cost		\$	58,000.00
Disbursement of funds will be as follows: Payment will be made upon receipt and acceptance of an invoice and supporting documentation specifically requesting reimbursement for actual expenditures specific to this subgrant. Total reimbursement will not exceed \$58,000.00 during the subgrant period.			
Source of Funds:		% of Funds:	CFDA#:
1. MCH Block Grant - federal [50,000]		93%	93.994
2. State General Fund [8,000]		7%	n/a
			Federal Grant #: BO4MC11167 n/a
Terms and Conditions In accepting these grant funds, it is understood that: 1. Expenditures must comply with appropriate state and/or federal regulations. 2. This award is subject to the availability of appropriate funds. 3. Recipient of these funds agrees to stipulations listed in Sections A, B, and C of this subgrant award.			
Denis Humphreys, OD Washoe County District Board of Health	Signature <i>for Dr. Humphreys, M.H. Anderson, MD, MPH</i>		Date 30 Dec 09
Joanne Malay Program Manager	Signature <i>J Malay</i>		Date 12/18/09
Acting Bureau Chief	Signature <i>Mary E Wherry</i>		Date 1-28-10
Richard Whitley, MS Administrator, Health Division	Signature <i>Richard Whitley</i>		Date 01/29/10

HEALTH DIVISION
NOTICE OF SUBGRANT AWARD
SECTION A
Assurances

As a condition of receiving subgranted funds from the Nevada State Health Division, the Subgrantee agrees to the following conditions:

1. Subgrantee agrees grant funds may not be used for other than the awarded purpose. In the event Subgrantee expenditures do not comply with this condition, that portion not in compliance must be refunded to the Health Division.
2. Subgrantee agrees to submit reimbursement requests for only expenditures approved in the spending plan. Any additional expenditures beyond what is allowable based on approved categorical budget amounts, without prior written approval by the Health Division, may result in denial of reimbursement.
3. Approval of subgrant budget by the Health Division constitutes prior approval for the expenditure of funds for specified purposes included in this budget. Unless otherwise stated in the Scope of Work the transfer of funds between budgeted categories without written prior approval from the Health Division is not allowed under the terms of this subgrant. Requests to revise approved budgeted amounts must be made in writing and provide sufficient narrative detail to determine justification.
4. Recipients of subgrants are required to maintain subgrant accounting records, identifiable by subgrant number. Such records shall be maintained in accordance with the following:
 - a. Records may be destroyed not less than three years (unless otherwise stipulated) after the final report has been submitted if written approval has been requested and received from the Administrative Services Officer of the Health Division. Records may be destroyed by the Subgrantee five (5) calendar years after the final financial and narrative reports have been submitted to the Health Division.
 - b. In all cases an overriding requirement exists to retain records until resolution of any audit questions relating to individual subgrants.

Subgrant accounting records are considered to be all records relating to the expenditure and reimbursement of funds awarded under this Subgrant Award. Records required for retention include all accounting records and related original and supporting documents that substantiate costs charged to the subgrant activity.

5. Subgrantee agrees to disclose any existing or potential conflicts of interest relative to the performance of services resulting from this subgrant award. The Health Division reserves the right to disqualify any grantee on the grounds of actual or apparent conflict of interest. Any attempt to intentionally or unintentionally conceal or obfuscate a conflict of interest will automatically result in the disqualification of funding.
6. Subgrantee agrees to comply with the requirements of the Civil Rights Act of 1964, as amended, and the Rehabilitation Act of 1973, P.L. 93-112, as amended, and any relevant program-specific regulations, and shall not discriminate against any employee or offeror for employment because of race, national origin, creed, color, sex, religion, age, disability or handicap condition (including AIDS and AIDS-related conditions).
7. Subgrantee agrees to comply with the Americans with Disabilities Act of 1990 (P.L. 101-136), 42 U.S.C. 12101, as amended, and regulations adopted thereunder contained in 28 CFR 26.101-36.999 inclusive, and any relevant program-specific regulations.
8. Subgrantee agrees to comply with the requirements of the Health Insurance Portability and Accountability Act of 1996, 45 C.F.R. 160, 162 and 164, as amended. If the subgrant award includes functions or

activities that involve the use or disclosure of Protected Health Information, the Subgrantee agrees to enter into a Business Associate Agreement with the Health Division, as required by 45 C.F.R 164.504 (e).

9. Subgrantee certifies, by signing this subgrant, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency. This certification is made pursuant to regulations implementing Executive Order 12549, Debarment and Suspension, 28 C.F.R. pt. 67 § 67.510, as published as pt. VII of May 26, 1988, Federal Register (pp.19150-19211). This provision shall be required of every Subgrantee receiving any payment in whole or in part from federal funds.
10. Subgrantee agrees, whether expressly prohibited by federal, state, or local law, or otherwise, that no funding associated with this subgrant will be used for any purpose associated with or related to lobbying or influencing or attempting to lobby or influence for any purpose the following:
 - a. any federal, state, county or local agency, legislature, commission, council, or board;
 - b. any federal, state, county or local legislator, commission member, council member, board member, or other elected official; or
 - c. any officer or employee of any federal, state, county or local agency, legislature, commission, council, or board.
11. Health Division subgrants are subject to inspection and audit by representatives of the Health Division, Nevada Department of Health and Human Services, the State Department of Administration, the Audit Division of the Legislative Counsel Bureau or other appropriate state or federal agencies to
 - a. verify financial transactions and determine whether funds were used in accordance with applicable laws, regulations and procedures;
 - b. ascertain whether policies, plans and procedures are being followed;
 - c. provide management with objective and systematic appraisals of financial and administrative controls, including information as to whether operations are carried out effectively, efficiently and economically; and
 - d. determine reliability of financial aspects of the conduct of the project.

Any audit of Subgrantee's expenditures will be performed in accordance with Generally Accepted Government Auditing Standards to determine there is proper accounting for and use of subgrant funds. It is the policy of the Health Division (as well as a federal requirement as specified in the Office of Management and Budget (OMB) Circular A-133 [Revised June 27th, 2003]) that each grantee annually expending \$500,000 or more in federal funds have an annual audit prepared by an independent auditor in accordance with the terms and requirements of the appropriate circular. A COPY OF THE FINAL AUDIT REPORT MUST BE SENT TO THE NEVADA STATE HEALTH DIVISION, ATTN: ADMINISTRATIVE SERVICES OFFICER IV, 4150 TECHNOLOGY WAY, SUITE 300, CARSON CITY, NEVADA 89706-2009, within nine (9) months of the close of the Subgrantee's fiscal year.

**HEALTH DIVISION
NOTICE OF SUBGRANT AWARD
SECTION B**

Description of services, scope of work, deliverables and reimbursement

This subgrant supports improving outcomes for Maternal and Child Health National Performance Measures (NPM) and State Performance Measures (SPM). The priorities were established by the Washoe County Health District and are related to or match the Maternal and Child Health Advisory Board priorities for this funding cycle.

Washoe County Health District, hereinafter referred to as Subgrantee, agrees to provide the following services and reports from January 1, 2010 to June 30, 2010:

Program Goal: Improve perinatal health outcomes in Washoe County through outreach, case management and support of local and state maternal and child health policies.

Program objectives:

A. Conduct activities associated with NPM 1: Increase the percent of screen positive newborns who receive timely follow up to definitive diagnosis and clinical management for condition(s) mandated by State-sponsored newborn screening programs.

1. Provide follow-up referral services to Washoe County families with an infant that tests positive for metabolic disorders in the Newborn Screening program of the Nevada State Health Division (less than 2 per year expected).

B. Conduct activities associated with NPM 8: The rate of birth (per 1,000) for teenagers aged 15 through 17 years.

1. In partnership with Title X's Region IX Family Planning Programs and other public health programs, disseminate preconception health recommendations to targeted populations and health care providers.
2. Assist with preconception health training program for health care providers.

C. Conduct activities associated with NPM 11: The percent of mothers who breastfeed their infants at 6 months of age.

1. Distribute breastfeeding calendars to Health District clients and Northern Nevada MCH Coalition members.
2. Educate pregnant women about the importance of breastfeeding. Provide encouragement and support of breastfeeding during all interventions

D. Conduct activities associated with NPM 18: Percent of infants born to pregnant women receiving prenatal care beginning in the first trimester.

1. By June 30, 2010, establish Public Health Nursing (PHN) services with 100 pregnant women who plan to continue their pregnancy to term. Outreach conducted by PHN will be with agencies that provide pregnancy testing, nutritional supplementation (i.e. WIC) and child protection services.
2. Family-centered and culturally competent case management services will be provided to teens and other high risk populations during pregnancy to promote access to early and sustained prenatal care; provide health education; and link clients to Medicaid, dental care, and other essential services such as mental health treatment.

Case management services:

- a. Screen all clients for domestic violence; provide education and referrals as needed.
- b. Screen all clients on use of substances; provide education on avoidance of alcohol, tobacco and other drugs to all pregnant women who receive services; refer to cessation and treatment programs as needed.
- c. Screen all pregnant women and those women with children one year of age or less for post natal depression and refer those in need of services.
- d. Conduct activities that reduce low birth weight and very low birth weight. (NPM 17)
 - a) Identify women at risk for VLBW (women with chronic health problems including overweight or obesity, diabetes, cardiac disease, hypertension) during outreach activities.
 - b) Provide case management service including intensive education on risk reduction strategies and referrals to services that address risk such as: dental care, smoking cessation, nutritional support, stress management and social support.

E. Conduct agency self-assessment of family-centered care using Georgetown University's tool, prior to initiating grant supported service delivery to identify strengths and areas for improvement within program. Based on findings, implement strategies to improve cultural and linguistic competency in case management services and preconception health campaign.

F. Cooperatively work with WIC, Family Resource Centers, Family To Family, and parent support agencies to promote integrated service delivery to clients.

G. Provide input to the Nevada State Health Division Maternal Child Health Program and the Maternal Child Health Advisory Board on local MCH priorities.

H. Subgrantee will identify the source of funding on all printed documents purchased or produced within the scope of this contract, using a statement similar to: "This publication (journal, article, etc.) was supported by the Nevada State Health Division through Grant Number CFDA 93.110 from the Health Resources and Services Administration. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the Nevada State Health Division nor the Health Resources and Services Administration."

I. Any activities performed under this subgrant shall acknowledge the funding was provided through the State Health Division by Grant Number CFDA 93.110 from the Health Resources and Services Administration.

Reporting objectives:

A. Provide a brief report on program activities to date with all quarterly requests for reimbursement; include activities related to the MCHAB priorities: Prenatal care, Immunization, Dental Sealants, and Access to Mental Health Services.

B. Report quarterly in a digital format on outcome measures with county level and aggregate data from program clients served summarizing Subgrantee's activities for the Bureau of Child, Family, and Community Wellness Health Services, Maternal and Child Health (MCH):

1. County level data

- a. NPM 1: The number of families with an infant testing positive on newborn screening that receive follow-up services
- b. NPM 8: The rate of birth (per 1,000) for teenagers aged 15 through 17 years (for FY2011)

2. Program case management clients

- a. NPM 11: Percent of mothers who breastfeed their infants at 6 months of age:
 - i) Percent of pregnant women educated about the benefits of breastfeeding until 6 months of age
- b. NPM 15: Percentage of women who smoke in the last three months of pregnancy
 - i) Percent of pregnant women educated during pregnancy about tobacco use
 - ii) Percent of pregnant women screened for use of tobacco during pregnancy
 - iii) Percent of pregnant women referred for use of tobacco during pregnancy
- c. NPM 17: Percent of very low birth weight (VLBW) infants delivered at facilities for high-risk deliveries and neonates
- d. NPM 18: Percent of infants born to pregnant women receiving prenatal care beginning in the first trimester
- e. SPM 1: Increase the percent of women of child-bearing age who receive screening and assistance for domestic violence:
 - i) Percent of pregnant women educated about domestic violence
 - ii) Percent of pregnant women screened for domestic violence
 - iii) Percent of pregnant women referred for domestic violence services
- f. SPM 11: Reduce the prevalence of Fetal Alcohol Spectrum Disorders:
 - i) Percent of pregnant women educated during pregnancy about fetal alcohol spectrum disorders.
 - ii) Percent of pregnant women screened for use of alcohol during pregnancy
 - iii) Percent of pregnant women referred for use of alcohol during pregnancy

g. Number of pregnant women and mothers with children birth to one year of age screened for post natal depression (relates to perinatal health, NPM 15 and SPM 11 above).

C. Subgrantee will present program outcomes at least annually to the Maternal and Child Health (MCH) Advisory Board. Subgrantee will be available to answer questions during the quarterly MCH Advisory Board meetings.

Subgrantee agrees to adhere to the following budget:

1. Personnel	\$	\$48,532
2. Travel	\$	4,400
3. Operating	\$	-0-
4. Supplies	\$	5,068
5. Other	\$	-0-
Total Cost	\$	58,000

Item	Description	Quantity	Item cost	Total
Travel				
Mileage	HVs: 10 mile average RT x 4 visits x 200 clients: 8,000 x \$.055/mile	8000	\$0.55	\$4,400
			Total	\$4,400
Supplies				
Prenatal Vits	3 bottles for 100 clients	600	\$1.82	\$1,092
Bus Passes	2 two-ride passes per client	400	\$3.40	\$1,360
Gas Cards	1 per client	200	\$10.00	\$2,000
Printing	1000 Program flyers 2 sided 8.5x11 folded, Educational materials 10/client 2 sided	4,107	\$0.15	\$616
			Total	\$5,068

- Subgrantee may shift 10% of the funds from one category to another. If more than 10% per line item is necessary, please contact the contract monitor at the Nevada State Health Division.
- Travel expenses, per diem, and other related expenses must conform to the procedures and rates allowed for State officers and employees. It is the Policy of the Board of Examiners to restrict Subgrantees/sub grantees to the same rates and procedures allowed State Employees (State Administrative Manual 0320.0).

Subgrantee agrees to request reimbursement according to the schedule specified below for the actual expenses incurred related to the Scope of Work during the contract period.

- Quarterly requests for payments will be made within 45 days of the past quarter;
- Reimbursement requests will be accompanied by a brief outcome measure report/completion report;

- If the retroactive request is approved, the initial reimbursement request may be for over a quarter of the contract; and
- **The maximum available through the contract payable by end of SFY 2010 is \$58,000.**

Additionally, the Subgrantee agrees to provide:

- A complete financial accounting of all expenditures to the Health Division within 30 days of the CLOSE OF THE CONTRACT PERIOD. Any unobligated funds shall be returned to the Health Division at that time, or if not already requested, shall be deducted from the final award.

The Nevada State Health Division agrees:

- This contract is funded by the MCH Block Grant by HRSA. MCH Block Grant dollars must produce the deliverables and expectations to meet the annual MCH Block Grant's target performance indicators. NSHD will provide support to meet these guidelines in the following ways:
 - Offer assistance/information or referral to training resources during the funding period.
 - Process the reimbursement requests timely and share the data reported appropriately.
 - Provide technical assistance, upon request from the sub grantee;
 - Liaison with DHCFP on the behalf of Subgrantee when helpful
 - Provide technical assistance and support to provide culturally competent and family-centered services
 - Coordinate recommendations from the Maternal and Child Health Advisory Board on priority outcomes and Referral/outreach activities.
 - Conduct at least one scheduled site visit during the subgrant period.
- Annually, MCH staff will provide an extensive report to HRSA on the MCH Block Grant performance measures. The Subgrantee's data submitted for reimbursement or the MCHAB will be used in this report.
- The Health Division reserves the right to hold reimbursement under this contract until any delinquent forms and reports are submitted and accepted by the Health Division.

Both parties agree:

The Subgrantee will, if in the performance of the Scope of Work specified in this contract, perform functions and/or activities that involve the use and/or disclosure of Protected Health Information (PHI); therefore, the Subgrantee is considered a Business Associate of the Health Division.

- Both parties agree that no work related to this contract may begin until a Business Associate Agreement has been signed and placed on file with the Nevada State Health Division's Administration Office.
- Both parties acknowledge a Business Associate Agreement is currently on file with the Nevada State Health Division's Administration Office.
- This contract may be extended up to a total term of four years upon agreement of both parties and if funding is available.

All reports of expenditures and requests for reimbursement processed by the Health Division are SUBJECT TO AUDIT.

This subgrant agreement may be TERMINATED by either party prior to the date set forth on the Notice of Subgrant Award, provided the termination shall not be effective until 30 days after a party has served written notice upon the other party. This agreement may be terminated by mutual consent of both parties or unilaterally by either party without cause. The parties expressly agree that this Agreement shall be terminated immediately if for any reason the Health Division, state, and/or federal funding ability to satisfy this Agreement is withdrawn, limited, or impaired.

**HEALTH DIVISION
NOTICE OF SUBGRANT AWARD
SECTION C**
Financial Reporting Requirements

- ☞ A Request for Reimbursement is due on a **monthly or quarterly** basis, based on the terms of the subgrant agreement, no later than the 15th of the month.
- ☞ Reimbursement is based on **actual** expenditures incurred during the period being reported.
- ☞ Payment will not be processed without all reporting being current.
- ☞ Reimbursement may only be claimed for expenditures approved within the Notice of Subgrant Award.
- ☞ **PLEASE REPORT IN WHOLE DOLLARS**

Provide the following information on the top portion of the form: Subgrantee name and address where the check is to be sent, Health Division (subgrant) number, Bureau program number, draw number, employer I.D. number (EIN) and Vendor number.

An explanation of the form is provided below.

A. Approved Budget: List the approved budget amounts in this column by category.

B. Total Prior Requests: List the **total** expenditures for all previous reimbursement periods in this column, for each category, by entering the numbers found on Lines 1-8, Column D on the **previous** Request for Reimbursement/Advance Form. If this is the first request for the subgrant period, the amount in this column equals zero.

C. Current Request: List the **current** expenditures requested at this time for reimbursement in this column, for each category.

D. Year to Date Total: Add Column B and Column C for each category.

E. Budget Balance: Subtract Column D from Column A for each category.

F. Percent Expended: Divide Column D by Column A for each category and total. Monitor this column; it will help to determine if/when an amendment is necessary. Amendments **MUST** be completed (including all approving signatures) 30 days **prior** to the end of the subgrant period.

*** An Expenditure Report/Backup that summarizes, by expenditure GL, the amounts being claimed in column 'C' is required.**

Nevada Department of Health and Human Services

Health Division # 10054
 Bureau Program # 3222
 GL #
 Draw #: 1

HEALTH DIVISION

REQUEST FOR REIMBURSEMENT / ADVANCE

Program Name: Bureau of Family, Child, and Community Wellness	Subgrantee Name: Washoe County Health District
Address: 4150 Technology Way, #101 Carson City, NV 89706	Address: 1001 East Ninth Street Reno, NV 89512
Subgrant Period: November 2009 to June 30, 2010 (depend upon BOE approval date)	Subgrantee EIN#: 88-6000138 Subgrantee Vendor#: T-40283400

FINANCIAL REPORT AND REQUEST FOR FUNDS

(report in whole dollars; must be accompanied by expenditure report/back-up)

Month(s): Nov-10 **Calendar Year:** SFY 2010

Approved Budget Category	A Approved Budget	B Total Prior Requests	C Current Request	D Year To Date Total	E Budget Balance	F Percent Expended
1 Personnel	\$ 48,532	\$ 0	\$ 0	\$ 0	48,532	0%
2 Travel	\$ 4,400	\$ 0	\$ 0	\$ 0	4,400	0%
3 Operating	\$ 0	\$ 0	\$ 0	\$ 0	0	0%
4 Supplies	\$ 5,068	\$ 0	\$ 0	\$ 0	5,068	0%
5 Contract/Consultant	\$ 0	\$ 0	\$ 0	\$ 0	0	0%
6 Training	\$ 0	\$ 0	\$ 0	\$ 0	0	0%
7 Other	\$ 0	\$ 0	\$ 0	\$ 0	0	0%
8 Total	\$ 58,000	\$ 0	\$ 0	\$ 0	58,000	0%

This report is true and correct to the best of my knowledge.

Authorized Signature _____ Title _____ Date _____

Reminder: Request for Reimbursement cannot be processed without an expenditure report/back-up. Reimbursement is only allowed for items contained within Subgrant Award documents. If applicable, travel claims must accompany report.

FOR HEALTH DIVISION USE ONLY

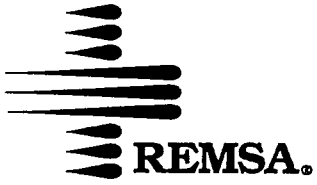
Program contact necessary? Yes No Contact Person: _____

Reason for contact: _____

Fiscal review/approval date: _____ Signed: _____

Scope of Work review/approval date: _____ Signed: _____

ASO or Bureau Chief (as required): _____ Date: _____



Regional Emergency Medical Services Authority

REMSA

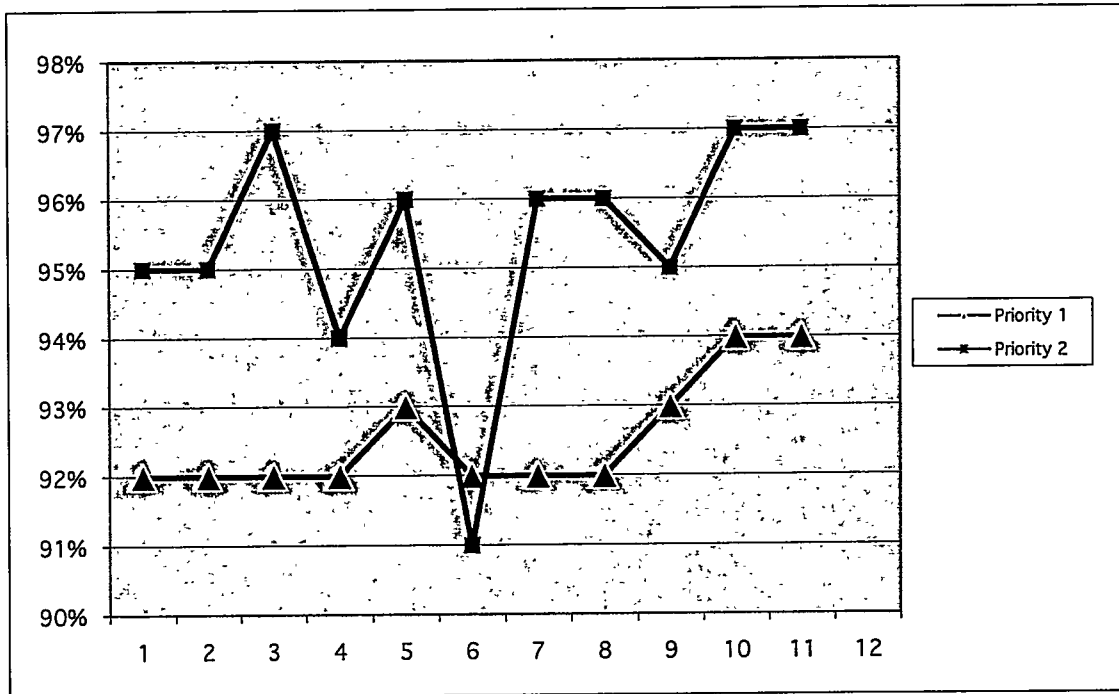
OPERATIONS REPORTS

FOR

MAY 2010

Fiscal 2010

Month	Avg. Response Time	Avg. Travel Time	Priority 1	Priority 2
Jul-09	5 mins. 56 secs.	4 mins. 46 secs.	92%	95%
Aug.	6 mins. 4 secs.	4 mins. 54 secs.	92%	95%
Sept.	6 mins. 17 secs.	5 mins. 8 secs.	92%	97%
Oct.	6 mins. 3 secs.	4 mins. 58 secs.	92%	94%
Nov.	6 mins. 3 secs.	4 mins. 58 secs.	93%	96%
Dec.	6 mins. 54 secs.	5 mins. 47 secs.	92%	91%
Jan. 10	5 mins. 55 secs.	4 mins. 54 secs.	92%	96%
Feb.	6 mins. 4 secs.	5 mins. 0 secs.	92%	96%
Mar.	5 mins. 52 secs.	4 mins. 49 secs.	93%	95%
Apr.	5 mins. 50 secs.	4 mins. 42 secs.	94%	97%
May	5 mins. 42 secs.	4 mins. 37 secs.	94%	97%
Jun-10				



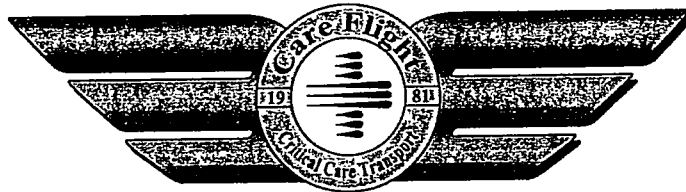
09-10 Sched of Fran Avg. Bill

Care Flight				
Month	#Patients	Gross Sales	Avg. Bill	YTD Avg.
Jul-09	11	\$91,553	\$8,323	\$8,323
Aug.	15	\$99,547	\$6,636	\$7,350
Sept.	12	\$83,041	\$6,920	\$7,214
Oct.	10	\$63,413	\$6,341	\$7,032
Nov.	7	\$46,830	\$6,690	\$6,989
Dec.	6	\$35,861	\$5,977	\$6,889
Jan. 2010	14	\$92,197	\$6,586	\$6,833
Feb.	10	\$64,645	\$6,465	\$6,789
Mar.	12	\$68,136	\$5,678	\$6,652
Apr.	20	\$116,717	\$5,836	\$6,512
May	10	\$54,932	\$5,493	\$6,432
June			\$0	\$6,432
Totals	127	\$816,872	\$6,432	\$6,432
			Adjusted Allowed Average Bill -	\$6,598.00
REMSA Ground				
Month	#Patients	Gross Sales	Avg. Bill	YTD Avg.
Jul-09	2877	\$2,716,180	\$944	\$944
Aug.	2876	\$2,714,870	\$944	\$944
Sept.	2850	\$2,690,188	\$944	\$944
Oct.	2958	\$2,798,087	\$946	\$944
Nov.	2616	\$2,471,204	\$945	\$945
Dec.	3136	\$2,960,454	\$944	\$944
Jan. 2010	2868	\$2,685,528	\$936	\$943
Feb.	2715	\$2,561,518	\$943	\$943
Mar.	3090	\$2,772,924	\$897	\$938
Apr.	2824	\$2,525,155	\$894	\$934
May	2963	\$2,635,661	\$890	\$929
June			\$0	\$929
Totals	31773	\$29,531,769	\$929	\$929
			Allowed ground avg bill -	\$922.00



Regional Emergency Medical Services Authority

**CARE FLIGHT
OPERATIONS REPORT
FOR
MAY 2010**



**CARE FLIGHT OPERATIONS REPORT
MAY 2010
WASHOE COUNTY**

❖ **In Town Transfer:**

- 1 ITT was completed

❖ **Outreach, Education, & Marketing:**

- 4 Community Education & Public Event

5/8/10	Galena drill	Flight Staff
5/14/10	Lenz Elementary School PR	Flight Staff
5/16/10	Hungry Valley VFD training	Flight Staff
5/19/10	REMSA/RASI Orientation	Flight Staff

❖ **Statistics**

Washoe County Flights

	# patients
Total Flights:	10
Total Patients	10
Expired on Scene	0
Refused Transport (AMA)	0
Scene Flights	7
Hospital Transports	3
Trauma	5
Medical	3
High Risk OB	0
Pediatrics	1
Newborn	0
Full Arrest	1
Total	10



Regional Emergency Medical Services Authority

REMSA
GROUND OPERATIONS REPORT
FOR
MAY 2010



GROUND AMBULANCE OPERATIONS REPORT

May 2010

1. OVERALL STATISTICS:

Total Number Of System Responses	4950
Total Number Of Responses In Which No Transport Resulted	1979
Total Number Of System Transports	2971

2. CALL CLASSIFICATION REPORT:

Cardiopulmonary Arrests	2%
Medical	47%
OB	0%
Psychiatric/Behavioral	5%
Transfers	16%
Trauma	25%
Trauma – MVA	6%
Trauma – Non MVA	19%
Unknown/Other	5%
Total Number of System Responses	100%

3. MEDICAL DIRECTOR'S REPORT:

The Clinical Director reviewed:

- 100% Full Arrest Ground Charts
- 100% Pediatric ALS and BLS Ground Charts
- 100% All Ground Intubations

Review of the following patient care records (PCR) for accurate and complete documentation and appropriate use of protocol:

- 100% of cardiopulmonary arrests
- 100% of pediatric patients both ALS and BLS transport and non-transport patients
- 100% of advanced airways (outside cardiac arrests)
 - ETCO2 use in cardiac arrests and advanced airway
- 100% of Phase 6 Paramedic and EMT PCRs
 - 0 Paramedic total
 - 0 EMT-I total
- 100% Pain/Sedation Management

All follow-up deemed necessary resulting from Communication CQI was completed by Marcy Kearns, Communications CQI Coordinator.

4. EDUCATION AND TRAINING REPORT:

A. Public Education

Advanced Cardiac Life Support

Date	Course Location	Students
4/19/10	Riggs Ambulance Service	5
5/12/10	REMSA Education	24
5/26/10	EMS CES 911	1
5/27/10	REMSA Education	8

Advanced Cardiac Life Support Recert

Date	Course Location	Students
5/1/10	EMS CES 911	1
5/3/10	EMS CES 911	1
5/6/10	REMSA Education	11
5/17/10	REMSA Education	17
5/20/10	Tahoe Pacific Hospital	6

Advanced Cardiac Life Support Skills

Date	Course Location	Students
5/5/10	REMSA Education	1

Advanced Cardiac Life Support Prep Course

Date	Course Location	Students
5/10/10	REMSA Education	4

Bloodborne Pathogen

Date	Course Location	Students
5/14/10	REMSA Education	20

Basic Life Support Instructor

Date	Course Location	Students
5/16/10	Elko County School District	3

Health Care Provider

Date	Course Location	Students
2/10/10	CPR Plus	2
3/22/10	CPR Plus	3
3/25/10	Nevada Department of Corrections	1
3/29/10	Nevada Department of Corrections	1
3/30/10	Nevada Department of Corrections	1
4/22/10	CPR Plus	7
4/27/10	Summit Air	5
4/30/10	CPR Plus	13
5/1/10	Riggs Ambulance Service	4
5/3/10	Nevada Army National Guard	4
5/3/10	EMS CES 911	2
5/3/10	Michael Sullivan	1
5/4/10	Nampa Fire Department	3
5/5/10	Willow Springs	5
5/5/10	REMSA Education	28
5/6/10	Jason Harris	1
5/6/10	REMSA Education	10

5/7/10	CPR Plus	7
5/7/10	Jennifer Kraushaar	1
5/8/10	Storey County Fire Department	14
5/8/10	Riggs Ambulance Service	2
5/11/10	REMSA Education	7
5/12/10	REMSA Education	4
5/12/10	Nye County EMS	4
5/15/10	Marci Hays	1
5/17/10	Rosie Garrett	1
5/17/10	Great Basin College	18
5/19/10	REMSA Education	18
5/20/10	Saint Mary's Security	2
5/21/10	Jennifer Kraushaar	5
5/25/10	REMSA Education	1
5/25/10	Kenny Cohen	3
5/27/10	REMSA Education	16
5/29/10	Gerald Purdum	3

Health Care Provider, Employee

Date	Course Location	Students
5/21/10	REMSA Education	2
5/26/10	REMSA Education	1
5/28/10	REMSA Education	1

Health Care Provider, Recert

Date	Course Location	Students
4/2/10	Humboldt General Hospital	21

4/5/10	Nevada Department of Corrections	1
4/6/10	Nevada Department of Corrections	7
4/25/10	Summit Air	2
5/1/10	Nevada Air National Guard	2
5/2/10	Summit Medical Education & Training	3
5/3/10	REMSA Education	10
5/4/10	REMSA Education	13
5/4/10	Lakes Crossing	13
5/6/10	Lakes Crossing	6
5/7/10	Josh Buchanan	2
5/7/10	Regent Care Center	8
5/8/10	REMSA Education	11
5/11/10	Nevada Department of Corrections	7
5/12/10	Rosewood Rehabilitation	6
5/12/10	REMSA Education	8
5/13/10	REMSA Education	7
5/18/10	REMSA Education	10
5/18/10	Nampa Fire Department	2
5/20/10	REMSA Education	9
5/20/10	West Hills Hospital	4
5/22/10	REMSA Education	10
5/24/10	REMSA Education	1
5/24/10	Reno Tahoe Airport Fire Department	1
5/25/10	REMSA Education	9
5/28/10	REMSA Education	10
5/28/10	Dialysis Clinic	1

Health Care Provider Skills

Date	Course Location	Students
5/7/10	REMSA Education	1
5/10/10	REMSA Education	1
5/12/10	Lander County School District	1
5/17/10	REMSA Education	1
5/18/10	REMSA Education	10
5/19/10	Tahoe Pacific Hospital	1
5/19/10	Tahoe Forest Hospital	1
5/28/10	REMSA Education	1

Heart Saver AED

Date	Course Location	Students
4/3/10	Washoe County School District	3
4/5/10	Washoe County School District	2
4/6/10	Washoe County School District	2
4/11/10	Ronald Oliver	4
4/20/10	Washoe County School District	4
4/21/10	Washoe County School District	2
4/22/10	Washoe County School District	2
4/25/10	Visual Insight	1
4/28/10	Nampa Fire Department	11
4/29/10	Washoe County School District	2
4/30/10	Atlantis Hotel & Casino	3
5/2/10	EMS CES 911	1
5/4/10	Riggs Ambulance Service	3

5/6/10	Eldorado Hotel Casino	6
5/6/10	Atlantis Hotel & Casino	2
5/10/10	REMSA Education	3
5/12/10	REMSA Education	6
5/12/10	UNR EH&S	4
5/13/10	Atlantis Hotel & Casino	2
5/19/10	Atlantis Hotel & Casino	3
5/20/10	REMSA Education	12
5/21/10	Carolyn Drayton	3
5/27/10	Erica Krysztof	3
5/28/10	Marci Hays	2

Heart Saver CPR

Date	Course Location	Students
5/3/10	REMSA Education	9
5/14/10	REMSA Education	11

Heart Saver First Aid

Date	Course Location	Students
4/5/10	Nevada Department of Corrections	26
4/10/10	Vici Marr	2
4/17/10	CPR Plus	10
4/20/10	Nevada Department of Corrections	26
4/25/10	Visual Insight	3
4/28/10	Nevada Department of Corrections	28
4/28/10	Work of Heart	6
4/30/10	Work of Heart	2

5/3/10	Nevada Department of Corrections	30
5/4/10	Nevada Department of Corrections	6
5/5/10	Willow Springs	5
5/5/10	Rob Browning	10
5/6/10	REMSA Education	21
5/7/10	Jayne Graney	10
5/7/10	Josh Buchanan	2
5/7/10	Work of Heart	4
5/8/10	Kraushaar/McNally	16
5/11/10	Nevada Department of Corrections	24
5/13/10	REMSA Education	2
5/13/10	Eagle Valley Childrens Home	4
5/14/10	REMSA Education	20
5/14/10	Applied Mechanical	4
5/14/10	Sierra Nevada Job Corps	10
5/15/10	REMSA Education	4
5/16/10	Visual Insight	6
5/18/10	Rob Browning	2
5/18/10	Kraushaar/McNally	12
5/18/10	Nampa Fire Department	7
5/20/10	REMSA Education	9
5/21/10	Sierra Nevada Job Corps	12
5/22/10	Kraushaar/McNally	1
5/24/10	Darlene Armstrong	8
5/24/10	Kraushaar/McNally	24
5/27/10	Darlene Armstrong	13

5/28/10	Applied Mechanical	6
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Heart Saver Pediatric First Aid

Date	Course Location	Students
4/25/10	Visual Insight	2
5/1/10	REMSA Education	2
5/1/10	Peggy Drussel	15
5/8/10	REMSA Education	9
5/18/10	Tahoe Forest Hospital	7
5/22/10	Jennifer Kraushaar	8

International Trauma Life Support

Date	Course Location	Students
4/16/10	REMSA Education	8
5/5/10	REMSA Education	23
5/19/10	REMSA Education	16

Pediatric Advanced Life Support

Date	Course Location	Students
5/3/10	REMSA Education	3
5/22/10	EMS CES 911	13

Pediatric Advanced Life Support, Recert

Date	Course Location	Students
2/26/10	Humboldt General Hospital	4
5/19/10	Summit Medical Education & Training	3
5/19/10	Trent Waechter	4
5/20/10	REMSA Education	19

Neonatal Resuscitation

Date	Course Location	Students
5/5/10	REMSA Education	5

Ongoing Courses

1/19/10	Paramedic Program - REMSA Education	16
7/7/09	Paramedic Program - REMSA Education	6
3/20/10	EMT Basic Program - REMSA Education	23
5/24/10	EMT Basic (Monday & Wednesday)	13
2/22/10	EMT Intermediate Program - REMSA Education	23
Total Students This Report		1207

5. COMMUNITY RELATIONS:

Community Outreach:

Point of Impact

5/1/10	Give Kids a Boost Sun Valley Health and Safety Fair; 60 booster seats distributed	1 staff, 4 volunteers
5/8/10	Child Safety Seat Checkpoint, United Blood Services, Reno. 30 cars and 40 seats inspected.	3 staff, 6 volunteers
5/26-5/28/10	Nationally Certified Child Passenger Safety Technician Course for Sparks Police Department Traffic Division; all students passed	3 students

Safe Kids Washoe County

5/1/10	Safe Kids Week/Give Kids a Boost Sun Valley Health and Safety Fair, Sun Valley Community Center. 35 vendors; 292 children fitted with free bike helmets; distributed 250 bike locks and water bottles; more than 200 children received free vaccinations; REMSA Point of Impact distributed 60 free booster	56 volunteers, 700 attendees
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	seats; Tune In To Kids gave away more than 350 books; NV Energy donated 1,500 energy efficient light bulbs; Kiwanis Bike Rodeo and Safe Routes to Schools educated more than 40 children through the Bike Rodeo Course; Washoe County Sheriff's Office provided ID packets for 105 northern Nevada children.	
5/5/10	Photojournalism Project with Esther Bennett sixth grade safety patrol; final presentation.	1 staff, 5 volunteers, 20 students
5/5/10	Safe Commuter Bicycling program at REI for Truckee Meadows Bicycle Alliance for Bike to Work and School Week.	1 volunteer
5/7 - 5/8/10	National League of American Bicyclists Traffic Skills 101 training class, Carson City.	4 staff
5/7 - 5/9/10	National League of American Bicyclists League Certified Instructor training class, Reno.	1 staff
5/11/10	Safe Kids Washoe County monthly coalition meeting, Sparks. Presentation by AlertID.	16 volunteers
5/12/10	Northern Nevada Immunization Coalition presentation on Safe Kids Washoe County programs.	1 staff, 12 volunteers
5/12/10	Truckee Meadows Bicycle Alliance Bike to School Week planning meeting, Reno	5 volunteers
5/13/10	Chronic Disease Coalition presentation on Safe Kids Washoe County programs.	1 staff, 9 volunteers
5/13/10	Nevada State CPS Task Force Quarterly meeting, Reno.	14 volunteers
5/15/10 - 5/21/2010	Bike to Work and School Week. Nine schools participated in this inaugural year.	
5/17/10	Bike to Work City Council Challenge; rode with Council people Julia Ratti, Dan Gustin and Dave Aiazzi from Sparks City Hall to Reno City Hall on behalf of Truckee Meadows Bicycle Alliance.	4 volunteers, 3 council people
5/17/10	Cub Scout Troop bicycle safety class, Sparks.	1 staff, 12 scouts and siblings, 8 parents
5/18/10	Safe Kids Board of Director's regular meeting.	1 staff, 5 volunteers
5/18/10	Bike to School Day--Jesse Hall Elementary School	1 staff, 10 volunteers, 40 bicyclists

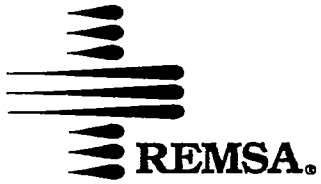
5/19/10	Safe Routes to Schools monthly partnership meeting, Washoe County Public Works.	6 volunteers
5/19/10	Esther Bennett Safety Committee monthly meeting, Sun Valley.	8 volunteers
5/20/10	Northern Nevada Maternal Child Health Coalition monthly meeting.	11 volunteers
5/21/10	Bike to School Day - Virginia Palmer Elementary School.	1 staff, 1 volunteer, 45 bicyclists
5/24/10 - 5/27/10	Annual national EMS for Children Grantee meeting, Bethesda, MD.	1 volunteer
5/25/10	Esther Bennett Safety Patrol year-end party.	2 volunteers, 20 students

Northern Nevada Fitting Station Project

5/5/10	St. Mary's Prenatal Class	24 parents
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Public Relations

5/3/10	REMSA's Medical Moment Interview on bicycle safety with KOH and KBUL.	1 staff
5/4/10	Interview with Univision Spanish News on drowning prevention.	2 staff



Regional Emergency Medical Services Authority

**GROUND AMBULANCE AND CARE FLIGHT
INQUIRIES
FOR
MAY 2010**

INQUIRIES

May 2010

There were no inquiries in the month of May.



Regional Emergency Medical Services Authority

**GROUND AMBULANCE
CUSTOMER SERVICE
FOR
MAY 2010**

GROUND AMBULANCE CUSTOMER COMMENTS MAY 2010

	What Did We Do Well?	What Can We Do To Serve You Better	Description / Comments
1			Renown south meadows said we had to use you/Remsaain said we didn't was it really necessary
2	Stayed helpful, gave information; dispatcher gave directions		
3	Everything	not one thing	very caring
4	My son was stabolized at this point, so they made sure that I was remaining calm and comfortable.		
5	Very professional.	Try no to give an IV when the vehicle is moving.	As and RN they were very good.
6	Quick to respond, kindness & gentle	keep up good work	
7	Same as always.		
8	Dispatcher very professional, kept me informed & appeared genuinely concerned.	Concentrate attention, conversation & activities on patient exclusively, not on each other.	REMSA does a good job esp. on timeliness & dispatcher is professional & helpful. EMT's I know are young & they are very sweet but they need to stay professional. Limit personal conversation & respond when patient ask questions. Being focused on patient can do a lot of positive things. Beginning with not having to ask patient questions more than once. I had to as=answer basic questions 2 & 3 times. I know that asking basic questions is essential in determining patients ability to focus & take mind off of some of the pain. But I was asked more than once because of lack of attention. The runs MUST be perceived by patient as a serious personal life event, not an apportunity for the kids to socialize.
9	You were very polite and professional	Keep up the food work	good job
10	I appriciated staff talking to me and the patient to calm us and so we understood everything that was going on.	I was happy w/ the serviced rendered and would say keep up the good work.	This was my first time using your services and I was very pleased.
11	Your staff got to our house in a timely manner.	When asked what hospital, you should have taken patient to the correct one. Patient requested Northern Nevada or St. Mary's. Instead he was taken to Renown. Renown is not a preferred provider on our insurance.	Patient passed away on March 21, 2010. Now I'll probably pay more for his hospital care since it is not on Renown's preferred provider list.
12	Got me to emergency care quickly & efficiently.	DO NOT have trainee (rider) be excited about putting an IV in me I refused IV.	
13	quick response time. Attention & professiona staff EMT's		
14	Everything - Professional & Caring		
15	They were very considered and kind.		
16	Very polite		
17	Excellent service		
18	You picked me up and took me to Renown and VA the crew was extremely nice. Both nights.	Nothing.	
19			We can't tell you how wonderful I was treated by the Remsa staff. They were helpful getting me into the ambulance fast. We appreciate everything they did. Can't say enough about your staff.
20	Went beyond the duties and made the transport and billing go smoothly.		
21	The responding EMT's were very nice and helpful.		

	What Did We Do Well?	What Can We Do To Serve You Better	Description / Comments
22	Everything		
23	very fast it getting to our home	you are the best	I sure hope the cut backs don't affect you!!!
	Dispatch was very reassuring that everything would be OK & kept me calm.	Nothing everything was great Thank you for your help.	
25	Arrived & transported my mother (80 yrs old) to St. Mary's hospital in a timely manner	Nothing	
26	Everything	nothing that I can think of.	
27	Courteous, fast, professional, and made my mom feel as comfortable & secure as possible.		
28	The dispatcher that I initially spoke with was great!		
29	Your response was immediate!	Truely I don't think your personnel could have served me better!!	All I can say is that your care and service couldn't have been any more efficient or caring
30	Communication with myself & my daughter as to where we were headed, etc		
31	Excellent		the technicians were extremely efficient & caring.
32	Everything		Very good service.Thank you.
33	polite - responsive	doing well already	
34	Response time & Patient with elderly.		
35	good		
36	Very professional and informative.		
37	Everything	Nothing	
	The care for the patient the whole time of the destination to the hospital	nothing much everything was good	
39	EMT's were great- knowledgeable and empathetic.	Nothing.	Very pleased with personnel.
40	Yes, everything was very good at calming my nerves down.	Nothing I can think of.	Very good care.
41	I had never been in an auto accident before and the young woman who helped me put me at ease & I knew I would be ok.	I thought your team was excellent.	I would just like to personally thank your team that helped me. From the time they showed up at my truck window throughout the whole experience, I knew I was in good hands.
42	I appreciate the high level of professionalism shown by your crews. They are the best. A+. Please note their personal files. Thank you. Explanation of procedures/protocol/medications. Very respectful, patient & polite.	Keep up the excellent service.	The crew on this call are top notch professionals that demonstrated care and concern (genuine) for me.
43	Arrive, drove safely.	Make them listen to IMPORTANT INFO.	The medic (not driver) made me walk a great distance to ambulance when I am NOT suppose to walk very far. I am in an elec. chair for a reason! I told him (the larger man) that I was in a great deal of pain, was not to be doing a lot of walking. That the walking was causing me a lot of pain. His response was that he wanted to see my gate. He paid NO ATTENTION to me or my husband when informed of my condition and problems and restrictions! I am not suppose to walk more than 10-15 ft. And he made me walk (w/assistance of him & my husband) more than 300+ feet. He only made the pain worse that I was already in and the reason for my calling 911. I found him (the medic) not the medic that drive, to be rude, uncaring, uncompassionate, bullheaded for the reason that he DID NOT pay attention to my current health care problems. We (my husband & I) told him repeatedly that I am not to be walking. And he force me to do something that is against Dr's orders. My entire back (low, mid & neck) is destroyed and I need surgeries (3 min) I only got on the gurney about 15 ft from vehicle.

	What Did We Do Well?	What Can We Do To Serve You Better	Description / Comments
44	very professional and made me feel at ease upon their arrival		Very Pleased!!
45	Arrived quickly; administered pain medication & made my mother comfortable.	nothing	The service was excellent
46	Made me comfortable and at ease!	Charge less!	Your staff attendant & driver were very professional and caring - thanks to both of them.
47	Everything.	Nothing.	On the evening of April 11th, I arrived at Emergency by ambulance. The Emergency room staff was professional, reassuring, confident, informative, attentive, and kind. Everyone who interacted with me (especially my nurse - forgot his name) were so helpful and reassuring. I especially liked the fact that everyone was dressed very professionally. Clean, neat and physically fit. Note: I mention this because I was recently in the emergency department of a nearby hospital with my husband in Washington, where the entire staff was significantly overweight, didn't seem to care about what they were doing (just going through the motions) and lacked bedside manner (with the exception of the doctor). I CAN HIGHLY RECOMMEND REMSA! Thanks for asking!
48			Service very good.
49	Very concerned with my pain.	Help with wheelchair/Help with Insurance.	No complaints. Your EMT was VERY helpful.
50	Got and IV started easily	Keep up the good work	did good for me
51	Efficient, polite, calming	Hopefully not come again!	Thank you for helping
52	Arrive in short time		
53	Everything was done professionally and with complete regard for my feelings.	I can't imagine how your services could have been better.	Your members who worked on my husband were professional, kind, considerate and respectful at all times.
54	Just took care of me		
55	Prompt and professional attitude.	You were great.	The CARE and service was beyond the call of duty
56	Every thing with my breathing and answer all my questions		
57	Came quickly, operated efficiently in getting me to Renown Medical Center.	Nothing	I fell on the sidewalk near Winco and someone called for the ambulance. I spent 6 days in the hospital.
58	Everything was very good.		
59	Absolutely everything	Nothing. Stay in business	I was 100% satisfied
60	Everything, very professional and knowledgeable crew		overall fantastic!
61	Everything		
62	they took very good care of me. First time in a car accident	Just keep doing what your doing	
63	Everything was great. The young men were most helpful and courteous. They were great. I wish I had their names, but you can probably check and give them an attaboy for me.		
64	respond to 911 call	nothing	I didn't talk with the dispatcher nor was I contacted by your billing staff so those questions really don't apply
65	very prompt response	insert and IV better	
66	Response was very swift after 911 call		
67	Everything		Thank you for helping save my life!

What Did We Do Well?		What Can We Do To Serve You Better	Description / Comments
68	communicate with patient	nothing	
69	You handled my mother with great care.		Pt has passed away. Therefore I am responding.
70	Excellent service		
71	Very kind to my daughter		Everyone was helpful, kind & courteous
72	They were there on time	You could take medicaid that would be fine	The service was great and professional.
73	Everything.	Nothen.	they were all professional and nice. Thank you all.
74	Everything	I can't thing of anything they could do better	Very good service
75	The EMT's were very helpful I was crying at first then we were joking with each other. It was the best pain med I have ever had.		
76	Great	Nothing	
77	Very well - thank you		
78	Saw someone (me) needed medical attention and made sure I got it,	I don't know.	
79	Very satisfied	Just keep up the good employees	Thank you for asking and caring It makes a difference
80	Everything	Outstanding job.	
81	Made me feel I was in good hands!		
82	you all have been out here several times for my mom & dad lost mom in Nov - Dad in hospital 2x's in april	you guys did it all complain about	not one thing Thank you for your help - am working on bill
83		Compassion with patient during transport to ER.	
84	Everything, can't complaine	nothing	very good
85	Showed up quickly- administered first aid, transported Ms Unthank to the hospital.		The REMSA employees are always competant and efficient. We appreciate all they do for our seniors.
86	your staff as a whole performed their jobs in a very professiona manner. This I can boast to my friends & relatives		Spended! No Comment! lease keep up the good work.
87	?		My care and service were excellent
88	Got there fast, and handled me with care.		
89		Continue the same friendly courteous service	You are a wonderful organization Thank you!
90	arrived quickly, explained everything allowed me to go to the hospital in the ambulance.	Keep me informed of my husband's condition.	
91	Everything was done in the best way possible, which put me to ease.	You're great as you are and I thank all personnel for being so pleasant and helpful.	I am sure if ever needed again I will not postpone my call. Thanks again.
92	Thorough evaluation of my condition.		
93	Everything OK. No complaint.		
94	Extremly well - everything		They were very polite and concerned for my well being. I am very impressed with your service as it turned out I had 3 strokes. Thank you
95	Promptness and kindness	Keep up the good work!	
96	Took care of me even after I wasn't very nice to staff. Taking care of my dog and clothing Thank you	Bring more juice and maybe peanut butter sandwich...	Please thank all the staff who's services were rendard
97	Everything.		

What Did We Do Well?		What Can We Do To Serve You Better	Description / Comments
98	Yes		
99	As far as I am concerned your crew performed to a very high standard of excellence.	I feel that everything that needed to be done was done very well.	I am very satisfied that I was well served.
100	Very good crew.		
101	Everything	thank you for all you've done. I'm thankful I have them available,	REMSA is wonderful- They're great!
102	While being transported the medic were very empathetic, caring, and kept me calm.	I don't think you could do a better job. You are very efficient.	
103	every-thing		
104	Remsa crew did very very well in getting to my needs that day. I am a member of Remsa, which they knew off		I had received good service
105	All	You did the best.	
106	Got me out of the car, into the ambulance & to the hospital as quickly as possible & allowed my wife to come along.		
107	showed a real concern for my condition	nothing	excellent
108	Ask questions. Everything.	Nothing.	Everything in general was great.
109		Could not have been better. THANK YOU.	
110	You had the soft touch to help	None	Thanks for your help!
111	Everything		
112	Everything was professionally		
113			The service is very excellent and really helpful & caring to the patient.
114	Fine	?	
115	Prompt.		
116	Everything.		
117	Just fine	nothing	I thought that everything went just fine.
118	very compassionate and courteous acted in a very professional manner.		
119	I had no contact with the billing staff.		
120	caring friendly service informative, and professional		everything was fine
121	The 2 paramedics were very kind & nice to me - while I was in terrible pain & anguish and should be let know how grateful I am for their help! Kindness! & caring!		Could their supervisor tell them for me Thank you!
122	Helped save my husband's life.	Hopefully we will not need your services as great as it is.	Excellent on all ends. Many thanks.
123	Take me to the hospital and treated me well.	Stay as you are.	All has been good.
124	You took my wife to Saint Mary's & the paramedics were very professional	Keep up the quick response.	
125	arrived quickly	satisfied	
126			Thank you. I am disabled however if I can volunteer in a small way, please call me.
127	Quick response!	Better needle insertion! I had bleeding under skin on one hand and severe pain in other hand from needle hitting a nerve.	In general the service was excellent.
128	Normal stuff.	Let people make payments instead of in full.	Can't afford full payment. Need to make payments.
129	Response time.	n/a	Why is the cost so high to ride in an ambulance?
130	Everything was great.		

What Did We Do Well?	What Can We Do To Serve You Better	Description / Comments
131 The crew who assisted me were GREAT, I was in a great deal of pain. The hospital was a different story.	Nothing, they were great.	If it were not for the REMSA crew, the hospital staff wanted me to wait in the waiting room. I told the two man crew there was no way I could do that. They stayed with me until I was given a bed, the room was one used for storage. I say this because people came in continually to get items. I was later moved to a room this about 3 hours after I arrived, shortly there after a doctor saw me. He ordered some tests. When the xray tech came in I asked to use the bathroom, he gave me a bottle. I pissed blood into it. After the xray the doctor came back and asked how I was. The shots he ordered had not been done as he said I had a Kidney stone. A nurse then came in, gave me my shots and took the urine bottle to the lab. This was at 1:30 am. The doctor came back at 3:00 am. I was still there, he said he signed my release at 1:30. I was let go after that as he had to go get the nurse. The REMSA staff were the only ones who showed concern for my well being, hospital staff (nurses) did not. They seemd not to follow doctors orders. Feel free to pass comments on to St Mary's.
132 Kept checking to see if I was OK.	Nothing really.	
133		Your staff were more than helpful.
134 Everything.	Nothing.	
135 Response was quick.		
136 Everything.		
137 everything was very professional and kind	you were all great	
138 Everything.	Nothing- you get an A+.	
139 very helpful, caring and make patient comfortable as can be		Good Job - Thanks a lot
140 Very very kind and patient & helpful. I just cant say enough. Raleys placed the call	nothing	you are very welcome.
141 Polite		Nothing.
142 Very nice & told us about was going on - thank you		
143 got me to the hospital when I was in to much pain to drive		
144 The guys were quick and calm		this was my first ride in an ambulance - all were delightful! Don't get me wrong I don't want to do it again but the staff was great.
145 Prompt response		
146 Communicate well to family member, re: status of patient.		
147 Treated my son with great care and concern.		I am the mother of Patient. I was not notified, nor with my son when incident occurred.
148 Prompt-carefull- Thorough evaluation of my wife's condition	Keep up good work, sone by the book! courteus personel, knolegeable	great!
149 Dispatch was excellent	Calm the patient	
150 Everything- The staff was exceptional. They assisted me right away.	Live in Berkeley, but I was glad I was in "good hands", from the fire department staff to hopital staff.	Thank you somuch for everything.
151 All excellent	nothing	
152 Gave me good first responder care.	Nothing, care was good.	When talking to crew they said "I would not be billed, so don't worry about being taken to hospital."
153 You did everything well, made me feel safe and comfortable.	I don't know.	I was very ill, but your people made me feel that all was going to be ok.
154 Very satisfied with all.	Nothing	

	What Did We Do Well?	What Can We Do To Serve You Better	Description / Comments
155	Everything	you were a god	
156	Very friendly and calming		
157	Your people were the very best, helpful polite informative, calming	not much!!	
158	Everything!	The care I received was wonderful.	The only thing I would really appreciate would be to let me make payments on this. I do not have the funds to pay in full. Thank you so much.
159	Responded quickly, very professional.	Only problem was they took my husband to the wrong hospital initially. We were a little perturbed by that.	
160	My first experience with REMSA. They went to my husband, took charge, made him comfortable as possible. I was greatly relieved.		My husband has since died and dedicated his body to the anatomy department of the Medical School at UNR.
161	Immediate response.		
162	This was a VA to renowned transport. Being my 1st time in an ambulance. Everything was fine.		
163	everything well done		we were in need & you served us well - thanks
164	Prompt & attentive to my needs, very kind & thoughtful & calming	excellent service	very comforting
165	Honored her club membership for transport.		
166	Although not an emergency, REMSA arrived in exceptionally fast time	no need to do anything different	
167		grade A+ excellent	Very good
168	Yes		
169	Very polite and professional	Your doing just fine	
170	Handled everything very well- were very kind and helpful.		Thank you very much for your help and service.

May 23, 2010

Terence

Reno Nevada

I want to recognize your entire staff for the outstanding services during our recent medical emergency. This is the first time we have ever experienced a need for emergency response. Our experience couldn't have been more positive. Your dispatcher was very calm and knowledgeable as he provided direction from the information I provided. He assured me that the response team was on their way and communicated updates on their arrival during the entire call. Sometimes it seems like forever for help to arrive but looking back it was probably much quicker in time than it seemed. It exceeded my expectations. Once the response team arrived the dispatcher closed the call with sensitivity by saying something like, "I hope Marcy is okay". The responders were very polite, professional, knowledgeable and sensitive to the situation. They did what they needed to do then transported Marcy to the hospital. Once there, they handled all the check in procedures while remaining very professional and caring all the way until they departed. I know that they do this for a living and undergo extensive training and certifications, however, I'm not sure what I expected as the media outlets sometimes paints a not so good picture when it comes to response time and care. This couldn't be further from the truth when it came to my turn at needing emergency assistance. I am totally impressed with the system and the folks that work on your team. Please commend each of them and send my personal thanks. I couldn't be more pleased and appreciative of what they do to help people.

p.s. Marcy went home a few hours later and is doing fine. We're still not sure what triggered the emergency medical condition.

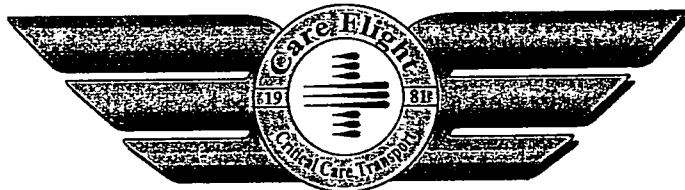
Thank You

Terence



Regional Emergency Medical Services Authority

**CARE FLIGHT
CUSTOMER SERVICE
FOR
MAY 2010**



CARE FLIGHT CUSTOMER COMMENTS MAY 2010

What Did We Do Well	What Can We Do To Serve You Better	Description / Comments
1 Fly the airplane		
2	If I don't use your service again too soon, nothing personal. It was great.	minor heart attack
3 Everyone was really fast and very good with my son. Thank you guys	Nothing, I think you guys have come so far over the years.	I am amazed with REMSA, everyone is so kind and professional.
4 Don't remember, was only semi-conscious.		
5 Excellent service		The crews of name, name and pilot name were most exceptional in the care of me. They made
6 Took care of my husband to the of their ability.		
7 concern for patient		
8 All went well	No improvement needed at this time as I can see it now.	Excellent service provided both to destination
9 Excellent		
10 for my first time helicopter ride the crew did everything perfect.		
11 Everything - they took very well care	Nothing	
12 Fast, professional, caring		Very good



Regional Emergency Medical Services Authority

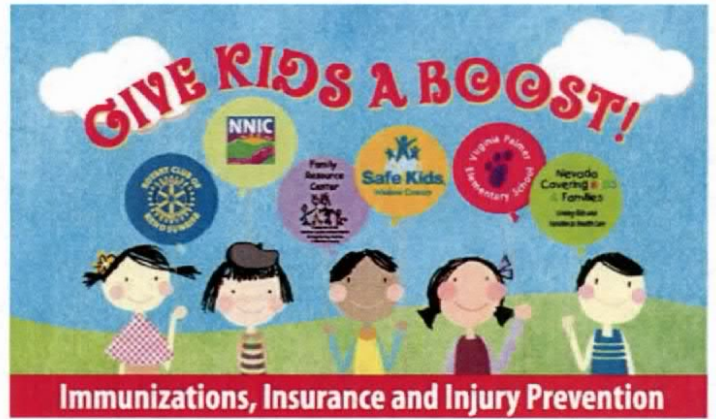
REMSA
PUBLIC RELATIONS REPORT
FOR
MAY 2010

PUBLIC RELATIONS

May 2010

ACTIVITY	RESULTS
Wrote and Distributed "Community Advisor" regarding bike safety, medication misuse, travel safety and window safety.	Multiple rural newspapers printed the Community Advisor verbatim with numerous references to REMSA, SEMSA and Care Flight.
Wrote press release regarding hyperthermia issues with children in heat.	Press release will go out when weather improves.
Wrote and distributed press release regarding CPR Day at the Reno Aces game in June. Also wrote a :30 PSA regarding the training.	The event was on various media's community calendars and the PSA started to run at the end of May on Americom's stations.
Continued writing scripts for Medical Moment radio program on KKOH and KBUL that runs on Tuesday and Thursdays to promote the medical experience REMSA/CF have.	Program runs on Tuesday and Thursdays every week on KBUL and KOH.

A special "Thank You" to our Sponsors, Partners and Volunteers for making the 2010 Sun Valley Health and Safety Fair a success!



Access to Healthcare Network
 Amerigroup Community Care
 Blue Moon Advertising and Promotional Products
 Boy Scouts
 Camelot Party Rentals
 Central Family Resource Center
 Esther Bennett Elementary School (staff)
 Grassroots Books
 Kids to Seniors Korner
 Kiwanis Bike Program
 La Gloria
 Merck
 Nevada Covering Kids & Families
 Nevada Emergency Nurses Association
 Nevada Highway Patrol
 Nevada Motor Transport Association
 Nevada State Immunization Program
 Nevada WebIZ
 Northern Nevada Allergy Clinic
 Northern Nevada DUI Task Force
 Northern Nevada Immunization Coalition
 NV Energy

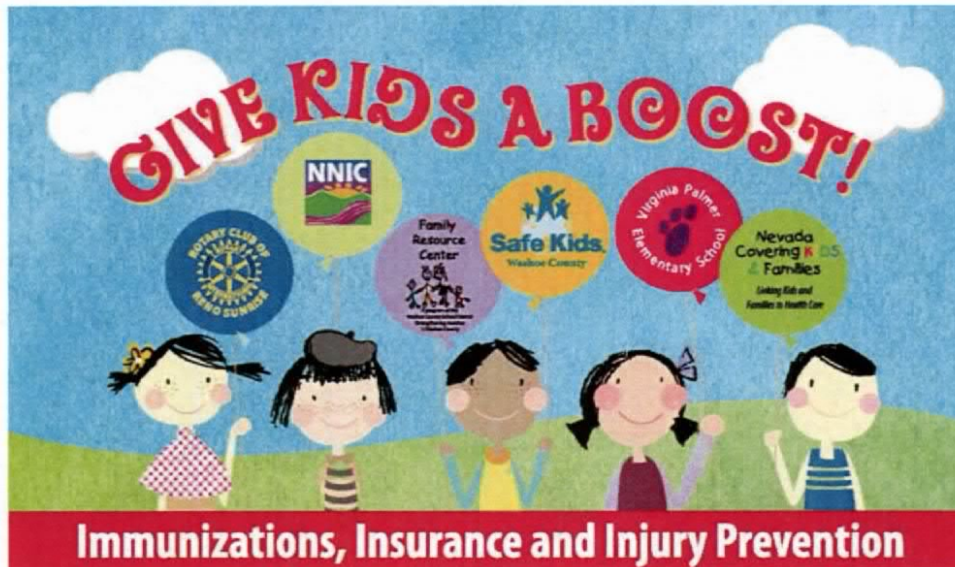
Operation Lifesaver
 RTC SMART TRIPS
 REMSA Community Education Department
 REMSA Point of Impact
 Reno Fire Department
 Rotary Club of Reno, Sunrise
 Safe Kids Washoe County
 Safe Routes to Schools
 Sun Valley Family Resource Center
 Sun Valley General Improvement District
 Truckee Meadows Bicycle Alliance
 Tune In To Kids
 University of Nevada, Reno School of Community Health Sciences
 Virginia Palmer Elementary School (staff)
 Washoe County Commission
 Washoe County Health District
 Washoe County School District Child & Family Services
 Washoe County School District Police
 Washoe County Sheriff's Office
 YMCA

Volunteer Nurses:

Saint Mary's Nell J. Redfield Health Center
 University of Nevada, Reno Orvis School of Nursing
 Washoe County Health District

Media:

Family Pulse
 KOLO-TV
 KRNV-TV
 KSRN -FM
 KTHX -FM
 KWYL-FM
 Washoe Parent



On behalf of the Sun Valley Health & Safety Fair planning committee, we want to thank you for supporting Give Kids a Boost 2010. We are proud to report that we reached more than **700 families**.

Highlights include:

- **Safe Kids Washoe County** fit 292 children with free bike helmets and distributed 250 bike locks and water bottles.
- More than 200 children received free vaccinations, beating the back-to-school rush for school and daycare immunization requirements.
- **REMSA Point of Impact** distributed 60 free booster seats.
- Tune In To Kids gave away more than 350 books.
- NV Energy donated 1,500 energy efficient light bulbs.
- Kiwanis Bike Rodeo and Safe Routes to Schools educated more than 40 children through the Bike Rodeo Course.
- The Washoe County Sheriff's Office provided ID packets for 105 northern Nevada children.

This annual event would not be possible without the amazing dedication of child health, safety and immunization champions like you, and the many organizations that participated in the fair. Once again, thank you for your continued commitment to keeping Nevada's families safe and healthy!

Sincerely,

Christine Caufield, Nevada Covering Kids and Families
Heidi Hurst and Katie Nannini, Northern Nevada Immunization Coalition
Greg Crawford and Jon Greene, Rotary Club of Reno, Sunrise
Melissa Krall, Safe Kids Washoe County
Brenda Hess, Sun Valley Family Resource Center
Jackie Ferek, Virginia Palmer Elementary School

Someone 2 Know: Ginger Oliveira

Kristen Remington
Channel 2 News



Her name is Charlette Jo Pritchard. She was born May 29th at 4:02 a.m. Seven pounds, seven ounces and 21 inches long. She has strawberry blonde hair, fair milky skin and she is happy and healthy.

It was a textbook delivery - except for one thing - *where* she came into this world! "We pulled over at the Mustang exit and it just happened so fast," recalls Kara Barney, who was driving from Fernley to St. Mary's Hospital, when she apprehensively pulled off Interstate 80 to deliver her baby.

Kara's husband, sister and mother were also in the car. Her sister, Michelle, called 911 as soon as Kara said she felt the baby coming. Michelle said a calm voice answered and she explained to them that she would guide them through the birth. It was Ginger Oliveira, an Emergency Medical Dispatcher with REMSA. Like all REMSA Dispatchers, she is medically trained, so she had no problem walking them through the delivery processes and explaining what to expect. Here is a bit of their recorded conversation.

Dispatch: "Okay, so she's in labor right now?"

Kara's Sister: "Yes."

Dispatch: "Okay, put your emergency hazard lights on on your vehicle. Don't try to prevent it, I'm going to walk you through everything to do, okay?"

Dispatch: "We need to do this, we need to see if we can see any part of the baby, it's really important, because if we have to deliver I'm going to tell you what to do."

Kara's Sister: "She is crowning."

Dispatch: "Okay, so do you see a head? What do you see?"

Kara's Sister: "I see like the top skull."

Dispatch: "Okay, so you see a head, okay. Listen very carefully, okay? With each contraction I want you to place the palm of your hand against her vagina and apply firm, but gentle pressure to keep the baby's head from delivery too fast."

Kara's Sister: "She's coming, she's coming!"

Dispatch: "Okay, keep, keep doing what I'm telling you to do... let me know."

Kara's Sister: "She's out! the baby's..."

Dispatch: "Is the baby all the way out?"

Kara's Sister: "She is all the way out."

Dispatch: "Okay, the baby is completely out?"

Kara's Sister: "Completely out."

Dispatch: "Good! Is the baby crying or breathing?"

Kara's Sister: "She's crying, yes."

Dispatch: "Good, good. Everyone needs to stay calm, okay?"

To the relief of the Barney family, five minutes later the ambulance arrived.

And just days After Charlette's birth, Kara and her family drove back from Fernley to meet and thank Ginger in person. "Hi, thank you so much," Kara and her family said over and over as Ginger walked into the room. They tearfully exchanged hugs. Kara then gave Ginger a stork-shaped pin to mark her first ever birth over the phone. "She was so calm and knew exactly what to do. And it felt like she was there. She told us exactly what to do step by step." Kara went on to say, "You really do think of all the things that could have gone wrong and without <Ginger> there, there's so many things <we> wouldn't have known to do."

LOCAL LIFE

Friday, April 30, 2010 • RGJ.com/Living

EMT rescues man from burning car before work

Reno woman says situation was a little disorienting

By Guy Clifton
gclifton@rgj.com

The thick, early morning fog on Monday already had created an eerie feeling when Jessica Bauer left her south Reno home a little after 4 a.m.

Her plan for the day was to go into work early and visit with a colleague before starting her 24-hour shift as an emergency medical technician for Regional Emergency Medical Services Authority.

Driving north on Longley Lane, she was just about to cross Mira Loma Drive when something caught her eye.

"It was really foggy, and I kind of saw a glow right there on the corner, and as I got closer I said, 'Oh, that's a car,' and then when I saw the car, I saw movement in the driver's seat," she said. "So, I called my dispatch



DAVID B. PARKER/RGJ

REMSA emergency medical technician Jessica Bauer saved a man from a burning car on Monday on her way to work.

and asked for an ambulance, and I turned my car around."

Bauer put on her fireproof Nomex jacket and rushed to the driver's window.

"I helped him get out of the car, and he was completely on fire when I got him out," she said. "I advised him to get on the ground and start rolling, as I patted him out with my Nomex jacket."

Then the car, which was fully engulfed in flames,

started making a popping sound.

"I tried to get him to get up," she said. "I'm like 5-foot-2, and this guy was much bigger than I was, but he wasn't responding to me. So, I dragged him across the grass."

At that time, the REMSA ambulance she had called for was arriving with EMTs Arielle Finch and Rachel Riely, and the Reno Fire

SEE EMT, 3E »

EMT/Victim still hospitalized

From 1E
Department arrived shortly thereafter.

"I met up with (the REMSA EMTs) and continued to give treatment until they took him over to the hospital," she said.

Bauer, a 2005 graduate of Portola High School, has been with REMSA since 2006. She said this situation was unlike any she had been through before.

"When you're on duty and you get dispatched to a call, you kind of know what you're getting into," she said. "When you just come across something like that, you don't know exactly what's

going on. It was definitely a completely different feeling. It was a little scarier."

Once the victim, whose name has not been released, was taken to the hospital, Bauer returned to her own car and made her way to the REMSA office on Edison Way.

"I remember looking at my watch and thinking that I still made it to work on time," she said with a laugh.

Bauer said, unlike in most cases that paramedics encounter, she has been able to keep tabs on the victim, who was transported to the burn unit at UC Davis Medical Center in California.

The victim's sister saw a media report of the incident and found Bauer on the Internet social media site Facebook. The sister has been sending her updates regularly, the most recent of which said the man is still hospitalized, but recovering.

"It's really nice to follow a patient all the way through," she said. "Usually what happens is we drop them off, and we might get to check on them later in the day and usually that's all we get. He's doing really well right now, so that's it's a good feeling that I was able to help him."

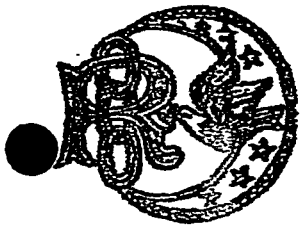
PEOPLE ON THE MOVE

» **Mike Williams**, vice president of operations for the Regional Emergency Medical Service Authority, has been named Nevada state training director and a member of the Nevada State Committee for the Employer Support of the Guard and Reserve. Williams has more than 39 years experience in emergency medical services (EMS), trauma and emergency management. Before joining REMSA in 2005, Williams was the vice president of EMS and Trauma at the Grady Health System in Georgia where he was responsible for all aspects of the advanced life support ambulance service provider of 911 emergency medical services for the city of Atlanta and trauma care at the state's largest level one trauma center.



Mike Williams

MEETING NIGHTS



2ND AND 4TH MONDAYS
OF EACH MONTH

HALL OF

Mizpah Rebekah Lodge No. 26

I. O. O. F.

Reno, Nevada,

Dear friends, neighbors, strangers, community services, members, brothers and sisters:

The entire membership of Mizpah Rebekah lodge # 26 of Reno, Nevada expresses this:

‘WE THANK OUR LUCKY STARS FOR HAVING YOU IN OUR LIVES’

Your thoughtful contributions to our Humanitarian Award Project, attending our fundraiser dinner, contributing food items, hard work and your friendship are greatly appreciated. This community will be aided just this much more because of you. Some where a mother and child will have been lifted up.

Many special thanks to R.E.M.S.A. and all the services they give us.

In Friendship, Love and Truth

Mizpah Rebekah Lodge No. 26

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Wednesday
May 12, 2010



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REMSA, Care Flight take daughters and sons to work

By Tribune Staff

Apr 20, 2010 | 91 views | 0 comments | 2 photos

RENO — As part of the national Take Our Daughters and Sons to Work Day on Thursday, Regional Emergency Medical Services Authority (REMSA) and Care Flight employees with children between the ages of 5 to 12 will bring them to REMSA to tour the facility and see an ambulance, a Care Flight helicopter and REMSA's dispatch center up close and personal while learning how the organization works and is run.

- your sparks
- region in brief
- crime beat
- gangs
- pets
- schools
- Sparks Tribune
- Centennial

The Take Our Daughters and Sons to Work Day Foundation is dedicated to developing innovative strategies and research-based activities in informal educational programs that empower girls and boys in all sectors of society to confront and overcome societal messages about youth so that they may reach their full potential and live fulfilling lives. Through its leadership, expertise, and collaborations, the Take Our Daughters And Sons To Work Foundation advocates for changes in social policy and public awareness on behalf of youth.

BUSINESS

CONTACT
LAUREN GUSTUS
775-788-6345
BUSINESS@RGJ.COM

TODAY'S BRIEFING

Your connection to Northern Nevada business

PEOPLE ON THE MOVE

WILLIAMS NAMED VICE CHAIRMAN

Mike Williams, vice president of operations for the Regional Emergency Medical Service Authority, has been named vice chairman of the National Disaster Life Support Foundation's Education Consortium Quality Assurance Committee.



The mission of the foundation is to extend educational and networking activities in disaster medicine and to provide specialized training for all healthcare providers while assisting communities, states and the federal government by providing educational experiences and materials.



Washoe County Health District

June 14, 2010

To: Members District Board of Health
 From: Eileen Coulombe
 Subject: Public Health Fund Revenue and Expenditure Report for May 2010

Recommendation

Staff recommends that the District Board of Health accept the attached report of revenues and expenditures for the Public Health Fund for May of fiscal year 10.

Background

The attached reports are for the accounting period 11/10 and the percentages should approximate 92% of the year. Our total revenues and expenditures for the current year (FY10) compared to last year (FY09) are as follows:

May 2010	FY10 – REV	FY09 – REV	FY10 – EXP	FY09 – EXP
Transfer	64%	77%		
AHS	75%	64%	77%	70%
AQM	101%	71%	78%	76%
CCHS	71%	75%	79%	87%
EHS	84%	80%	76%	79%
EPHP	47%	57%	46%	63%
TOTAL	70%	71%	71%	78%

The Environmental Oversight Account for May 2010 was \$163,084.07.

I will be happy to any questions of the Board during the meeting or you may contact me at 328-2417.


 Administrative Health Services Officer

Enclosure

Washoe County Health District
 REVENUE
 Pds 1 - 11, FY 2010

Accounts	2010 Plan	2010 Actuals	Balance	Act%	2009 Plan	2009 Actual	Balance	Act%
422503 Environmental Permits	69,000.00-	42,491.00-	26,509.00-	62	125,000.00-	102,353.39-	22,646.61-	82
422504 Pool Permits	33,000.00-	61,830.00-	28,830.00-	187	100,000.00-	117,559.00-	17,559.00-	118
422505 RV Permits	10,500.00-	9,406.00-	1,094.00-	90	15,000.00-	14,360.00-	640.00-	96
422506 xHotel Motel Permits						353.00-	353.00-	
422507 Food Service Permits	355,000.00-	321,752.00-	33,248.00-	91	410,000.00-	361,545.00-	48,455.00-	88
422508 Wat Well Const Perm	44,000.00-	25,654.00-	18,346.00-	58	40,000.00-	26,278.00-	13,722.00-	66
422509 Water Company Permits	12,000.00-	4,628.00-	7,372.00-	39	25,000.00-	8,226.00-	16,774.00-	33
422510 Air Pollution Permits	402,399.00-	339,016.50-	63,382.50-	84	420,550.00-	397,123.40-	23,426.60-	94
422511 ISDS Permits	90,000.00-	42,970.85-	47,029.15-	48	125,000.00-	77,429.00-	51,571.00-	59
422513 Special Event Permits	75,000.00-	67,731.20-	7,268.80-	90	80,000.00-	77,926.00-	2,074.00-	97
422514 Initial Applic Fee	38,000.00-	27,237.00-	10,763.00-	72	26,640.00-	26,640.00-	26,640.00-	90
* Licenses and Permits	1,128,899.00-	942,716.55-	186,182.45-	84	1,340,550.00-	1,205,792.79-	134,757.21-	90
431100 Federal Grants	8,045,346.66-	4,893,005.98-	3,152,340.68-	61	6,797,766.45-	3,873,700.44-	2,924,066.01-	57
431105 Federal Grants - Indirect	31,540.00-	47,049.22-	15,509.22-	149	11,320.41-	11,320.41-	11,320.41-	100
432100 State Grants	627,556.00-	403,801.31-	223,754.69-	64	809,529.80-	807,320.56-	2,209.24-	86
432310 Tire Fee NRS 444A.090	370,534.52-	395,702.34-	25,167.82-	107	415,000.00-	354,911.70-	60,088.30-	86
432311 Pol CtrI 455B.830	280,000.00-	307,550.00-	27,550.00-	110	280,000.00-	305,485.00-	25,485.00-	109
* Intergovernmental	9,354,977.18-	6,047,108.85-	3,307,868.33-	65	8,302,296.25-	5,352,738.11-	2,949,558.14-	64
460162 Services to Other Agencies	63,657.69-	23,909.21-	39,748.48-	38	195,859.10-	72,288.62-	123,570.48-	37
460500 Other Immunizations	110,000.00-	86,450.69-	23,549.31-	79	165,000.00-	103,900.98-	61,099.02-	63
460501 Medicaid Clinical Services	36,500.00-	27,987.86-	8,512.14-	77	30,750.00-	39,971.82-	9,221.82-	130
460503 Childhood Immunizations	190,000.00-	122,898.15-	67,101.85-	65	190,000.00-	191,024.03-	1,024.03-	101
460505 Non Title X Revenue		1,369.00-	1,369.00-			5,330.93-	5,330.93-	
460508 Tuberculosis	10,000.00-	7,081.11-	2,918.89-	71	8,000.00-	17,682.03-	9,682.03-	221
460509 Water Quality		119.00-	119.00-			280.00-	280.00-	
460510 IT Overlay	121,001.00-	102,091.00-	18,910.00-	84	150,000.00-	118,665.00-	31,335.00-	79
460511 Birth and Death Certificates	215,000.00-	205,234.00-	9,766.00-	95	230,000.00-	200,737.20-	29,262.80-	87
460512 Duplication Service Fees	200.00-	152.00-	48.00-	76	800.00-	253.50-	546.50-	32
460513 Other Health Service Charges	8,000.00-	4,495.00-	3,505.00-	56	23,800.00-	7,301.40-	16,498.60-	31
460514 Food Service Certification	8,000.00-	13,734.00-	5,734.00-	172	8,000.00-	7,648.00-	352.00-	96
460515 Medicare Reimbursement	500.00-	672.90-	172.90-	135	250.00-	892.07-	642.07-	357
460516 Pgm Inc-3rd Prty Rec	9,000.00-	6,159.54-	2,840.46-	68	3,000.00-	12,672.64-	9,672.64-	422
460517 Influenza Immunization	5,000.00-	26,186.06-	21,186.06-	524	10,000.00-	13,247.00-	3,247.00-	132
460518 STD Fees	30,000.00-	26,937.41-	3,062.59-	90	60,000.00-	36,759.26-	23,240.74-	61
460519 Outpatient Services	12,500.00-	26,937.41-	12,500.00-		11,500.00-	8,119.00-	3,381.00-	71
460520 Eng Serv Health	90,500.00-	51,872.00-	38,628.00-	57	120,000.00-	125,150.00-	5,150.00-	104
460521 Plan Review - Pools & Spas	5,000.00-	6,968.00-	1,968.00-	139	3,000.00-	4,474.00-	1,474.00-	149
460523 Plan Review - Food Services	30,000.00-	20,823.15-	9,176.85-	69	40,000.00-	27,444.72-	12,555.28-	69
460524 Family Planning	100,000.00-	63,640.27-	36,359.73-	64	100,000.00-	90,766.71-	9,213.29-	91
460525 Plan Review - Vector	64,000.00-	30,825.00-	36,060.00-	44	75,000.00-	52,058.00-	22,942.00-	69
460526 Plan Review-Air Quality	15,500.00-	77,762.00-	15,325.00-	199	14,837.00-	33,781.00-	18,944.00-	228
460527 NOE-AQM	32,900.00-	71,311.00-	44,862.00-	236	32,900.00-	52,554.05-	19,654.05-	160
460528 NESHAP-AQM	62,000.00-	28,013.00-	6,013.00-	127	167,900.00-	72,883.00-	95,017.00-	43
460529 Assessments-AQM	22,000.00-	3,735.00-	1,835.00-	197	36,630.00-	27,312.00-	9,318.00-	75
460530 Inspector Registr-AQ	1,900.00-	333,618.25-	155,285.25-	187	2,100.00-	111.00-	1,989.00-	5
460531 Dust Plan-Air Quality	178,333.00-	414.00-	414.00-		178,333.00-	232,916.00-	54,583.00-	131
460532 Plan Rvw Hotel/Motel		344.00-	344.00-					
460533 Quick Start								

Washoe County Health District
 REVENUE
 Pds 1 - 11, FY 2010

Accounts	2010 Plan	2010 Actuals	Balance	Act%	2009 Plan	2009 Actual	Balance	Act%
460534 Child Care Inspection	9,000.00-	7,051.00-	1,949.00-	78				
460535 Pub Accomod Inspectin	21,000.00-	14,319.00-	6,681.00-	68				
460570 Education Revenue		18,202.00-	18,202.00					
* Charges for Services	1,451,491.69-	1,412,314.60-	39,177.09-	97	1,857,659.10-	1,556,243.96-	301,415.14-	84
484000 Donations,Contributions		3,360.00-	3,360.00					
484050 Donations Federal Prgm Income		100.00-	100.00					
485100 Reimbursements		150.00-	150.00					
485300 Other Misc Govt Rev	450.00-	594.00-	144.00	132			584.91-	
* Miscellaneous	450.00-	4,204.00-	3,754.00	934			584.91-	
** Revenue	11,935,817.87-	8,406,344.00-	3,529,473.87-	70	11,500,505.35-	8,115,359.77-	3,385,145.58-	71

Accounts	2010 Plan	2010 Actuals	Balance	Act%	2009 Plan	2009 Actual	Balance	Act%
701110 Base Salaries	10,661,133.97	8,418,377.13	2,242,756.84	79	11,240,002.38	9,255,585.23	1,984,417.15	82
701120 Part Time	700,249.99	613,707.76	86,542.23	88	1,045,046.35	732,303.32	312,743.03	70
701130 Pooled Positions	325,364.33	230,430.09	94,934.24	71	197,135.86	104,292.44	92,843.42	53
701140 Holiday Work	1,500.00	1,691.46	191.46-	113	1,500.00	1,452.62	47.38	97
701150 Contractual Wages	255,500.00	104,449.46	151,050.54	41	96,339.87	27,474.65	68,865.22	29
701200 Incentive Longevity	167,094.00	76,877.73	90,216.27	46	169,100.50	79,479.17	89,621.33	47
701300 Overtime	301,520.21	154,279.10	147,241.11	51	69,385.91	34,098.69	35,287.22	49
701406 Standby Pay	30,000.00	31,134.65	1,134.65-	104	35,000.00	29,798.75	5,201.25	85
701408 Call Back	3,000.00	4,281.80	1,281.80	143	6,000.00	3,319.00	2,681.00	55
701412 Salary Adjustment	185,747.75		185,747.75		273,978.53-		273,978.53-	
701413 Vac Payoff/Sick Pay-Term		87,082.68	87,082.68-			210,705.30	210,705.30-	
701417 Comp Time		32,846.58	32,846.58-			31,926.47	31,926.47-	
701419 Comp Time - Transfer						5,898.46	5,898.46-	
701500 Merit Awards	329,645.39-		329,645.39-		254,000.00-		254,000.00-	
* Salaries and Wages	12,301,464.86	9,755,158.44	2,546,306.42	79	12,931,532.34	10,516,334.10	1,815,198.24	85
705110 Group Insurance	1,570,574.85	1,266,919.24	303,655.61	81	1,493,380.68	1,204,554.21	288,826.47	81
705210 Retirement	2,467,024.18	1,954,789.35	512,234.83	79	2,548,069.63	2,055,564.28	492,505.35	81
705215 Retirement Calculation	200,000.00		200,000.00		147,700.00		147,700.00	
705230 Medicare April 1986	151,277.42	127,423.77	23,853.65	84	161,008.60	135,687.67	25,320.93	84
705320 Workmens Comp	64,271.45	56,222.43	8,049.02	87	81,600.00	74,359.61	7,240.39	91
705330 Unempy Comp	12,350.00	12,330.00	20.00	100	13,260.00	13,268.32	8.32-	100
705360 Benefit Adjustment	9,504.31		9,504.31		19,155.00		19,155.00	
* Employee Benefits	4,475,002.21	3,417,684.79	1,057,317.42	76	4,464,173.91	3,483,434.09	980,739.82	78
710100 Professional Services	2,029,172.72	458,081.02	1,571,091.70	23	1,106,898.07	605,134.10	501,763.97	55
710105 Medical Services	13,600.00	15,383.50	1,783.50-	113	13,700.00	13,026.50	673.50	95
710108 MD Consultants	55,382.00	41,125.00	14,257.00	74	57,140.00	45,500.00	11,640.00	80
710115 Prof Eng Services						1,208.31	1,208.31-	
710119 Subrecipient Payments	147,602.00	105,519.57	42,082.43	71	304,994.00	252,548.50	52,445.50	83
710200 Service Contract	102,210.00	70,209.49	32,000.51	69	116,754.00	74,382.22	42,371.78	64
710205 Repairs and Maintenance	15,505.00	27,018.49	11,513.49-	174	17,335.63	3,565.67	13,769.96	21
710210 Software Maintenance	350.00	26,802.29	26,452.29-	7,658		9,350.00	9,350.00-	
710300 Operating Supplies	270,541.22	139,730.52	130,810.70	52	185,981.66	137,604.68	48,376.98	74
710302 Small Tools & Allow	1,385.00	750.33	634.67	54	2,950.00		2,950.00	
710308 Animal Supplies	2,000.00		2,000.00		2,000.00	899.24	1,100.76	45
710312 Special Dept Expense						200.00	200.00-	
710319 Chemical Supplies	560,707.00	360,810.19	199,896.81	64	621,588.00	361,579.46	260,008.54	58
710334 Copy Machine Expense	36,024.50	23,302.56	12,721.94	65	41,362.18	28,273.28	13,088.90	68
710350 Office Supplies	62,342.26	42,595.72	19,746.54	68	56,718.55	47,627.52	9,091.03	84
710355 Books and Subscriptions	7,587.00	6,990.61	596.39	92	9,988.50	7,378.17	2,610.33	74
710360 Postage	26,958.44	20,568.15	6,390.29	76	6,951.57	21,331.14	14,379.57-	307
710361 Express and Courier	1,135.00	385.05	749.95	34	18,150.00	507.89	17,642.11	3
710391 Fuel & Lube	100.00		100.00		100.00		100.00	
710500 Other Expense	93,350.30	21,592.28	71,758.02	23	52,568.75	42,368.21	23,600.54	124
710502 Printing	49,651.24	22,470.08	27,181.16	45	41,043.48	13,462.48	27,581.00	33
710503 Licenses & Permits	8,625.00	6,722.67	1,902.33	78	10,415.00	5,380.20	5,034.80	52
710504 Registration	900.00-		900.00-					
710505 Rental Equipment	2,800.00	2,669.00	131.00	95	10,169.00	1,800.00	8,369.00	18
710506 Dept Insurance Deductible	273.40	599.25	325.85-	219		263.74	263.74-	

Accounts	2010 Plan	2010 Actuals	Balance	Act%	2009 Plan	2009 Actual	Balance	Act%
710507 Network and Data Lines	4,705.00	5,015.13	310.13-	107	455.00	6,776.47	6,321.47-	1,489
710508 Telephone Land Lines	60,808.05	41,895.82	18,912.23	69	74,905.48	45,264.48	29,641.00	60
710509 Seminars and Meetings	29,770.00	21,777.06	7,992.94	73	66,296.00	39,742.00	26,554.00	60
710512 Auto Expense	20,954.14	11,993.51	8,960.63	57	26,645.18	13,802.68	12,842.50	52
710519 Cellular Phone	13,597.00	13,105.69	491.31	96	24,205.00	13,460.01	10,744.99	56
710529 Dues	4,476.00	8,204.00	3,728.00-	183	5,280.00	5,266.92	13.08	100
710535 Credit Card Fees	12,394.78	8,463.75	3,931.03	68	65,626.52	8,953.75	8,953.75-	54
710546 Advertising	37,047.00	31,262.93	5,784.07	84	3,500.00	35,213.80	30,412.72	54
710577 Uniforms & Special Clothing	3,150.00	1,094.08	2,055.92	35			3,500.00	
710585 Undesignated Budget	31,540.05	1,293.40	31,540.05					
710590 Bad Debt Expense	195,423.01	146,573.20	1,293.40-	75	256,446.13	194,042.53	62,403.60	76
710600 LT Lease-Office Space			48,849.81		5,940.00	2,971.00	2,969.00	50
710620 LT Lease-Equipment					287,009.61	194,778.87	92,230.74	68
710703 Biologicals	291,252.68	124,255.19	166,997.49	43	8,700.00	3,885.00	4,815.00	45
710714 Referral Services	11,300.00	2,404.24	8,895.76	21	149,305.88	100,710.38	48,595.50	67
710721 Outpatient	119,940.00	103,309.46	16,630.54	86	2,050.00	2,391.11	341.11-	117
710872 Food Purchases	2,095.00	1,072.10	1,022.90	51				
711010 Utilities		1,362.00	1,362.00-					
711113 Equip Srv Replace	101,823.48	100,577.67	1,245.81	99	104,964.00	120,398.56	15,434.56-	115
711114 Equip Srv O & M	71,986.43	44,307.40	27,679.03	62	160,958.54	86,541.65	74,416.89	54
711115 Equip Srv Motor Pool	12,070.00	7,015.00	5,055.00	58	19,195.00	5,165.00	14,030.00	27
711117 ESD Fuel Charge	54,173.64	37,382.86	16,790.78	69				
711119 Prop & Liab Billings	66,930.00	60,435.76	6,494.24	90	58,667.00	53,778.23	4,888.77	92
711210 Travel	186,091.02	47,228.92	138,862.10	25	188,045.22	50,207.90	137,837.32	27
711213 Travel-Non Cnty Pers		656.27	656.27-					
711504 Equipment nonCapital	76,536.11	199,054.30	122,518.19-	260	103,981.03	61,083.00	42,898.03	59
* Services and Supplies	4,894,465.47	2,413,065.51	2,481,399.96	49	4,288,983.98	2,717,948.25	1,571,035.73	63
781004 Equipment Capital	371,424.85	142,587.80	228,837.05	38	570,176.05	149,449.09	420,726.96	26
* Capital Outlay	371,424.85	142,587.80	228,837.05	38	570,176.05	149,449.09	420,726.96	26
** Expenses	22,042,357.39	15,728,496.54	6,313,860.85	71	21,654,866.28	16,867,165.53	4,787,700.75	78
485192 Surplus Equipment Sales		12.60-	12.60-				83.60-	
* Other Fin. Sources		12.60-	12.60-				83.60-	
621001 Transfer From General	8,795,500.00-	5,665,503.67-	3,129,996.33-	64	9,693,500.00-	7,460,204.02-	2,233,295.98-	77
* Transfers In	8,795,500.00-	5,665,503.67-	3,129,996.33-	64	9,693,500.00-	7,460,204.02-	2,233,295.98-	77
** Other Financing Src/Use	8,795,500.00-	5,665,516.27-	3,129,983.73-	64	9,693,500.00-	7,460,287.62-	2,233,212.38-	77
*** Total	1,311,039.52	1,656,636.27	345,596.75-	126	460,860.93	1,291,518.14	830,667.21-	280

Accounts	2010 Plan	2010 Actuals	Balance	Act%	2009 Plan	2009 Actual	Balance	Act%
431100 Federal Grants	1,205,291.00-	901,322.10-	303,968.90-	75	1,463,729.00-	941,482.83-	522,246.17-	64
* Intergovernmental	1,205,291.00-	901,322.10-	303,968.90-	75	1,463,729.00-	941,482.83-	522,246.17-	64
460512 Duplication Service Fees	200.00-	152.00-	48.00-	76	800.00-	253.50-	546.50-	32
* Charges for Services	200.00-	152.00-	48.00-	76	800.00-	253.50-	546.50-	32
485300 Other Misc Govt Rev	450.00-	205.00-	245.00-	46	800.00-	484.91-	484.91-	
* Miscellaneous	450.00-	205.00-	245.00-	46	800.00-	484.91-	484.91-	
** Revenue	1,205,941.00-	901,679.10-	304,261.90-	75	1,464,529.00-	942,221.24-	522,307.76-	64
701110 Base Salaries	1,748,051.93	1,495,235.24	252,816.69	86	2,046,648.55	1,521,095.43	525,553.12	74
701120 Part Time	24,553.03	19,937.21	4,615.82	81	24,461.26	19,649.40	4,811.86	80
701130 Pooled Positions	68,296.19		68,296.19		25,580.86		25,580.86	
701140 Holiday Work		844.97	844.97-					
701200 Incentive Longevity	31,000.00	13,003.10	17,996.90	42	29,850.00	11,251.92	18,598.08	38
701300 Overtime	6,000.00	9,810.80	3,810.80-	164	4,015.00	4,725.07	710.07-	118
701412 Salary Adjustment	7,104.00		7,104.00		94,369.00		94,369.00	
701413 Vac Payoff/Sick Pay-Term		7,335.40	7,335.40-			33,899.31	33,899.31-	
701417 Comp Time		26.23	26.23-			7,432.32	7,432.32-	
701419 Comp Time - Transfer						5,898.46	5,898.46-	
701500 Merit Awards								
* Salaries and Wages	1,885,005.15	1,546,192.95	338,812.20	82	91,459.00-	1,603,951.91	91,459.00-	75
705110 Group Insurance	268,699.06	235,230.11	33,468.95	88	2,133,465.67	2,025,812.27	529,513.76	82
705210 Retirement	381,561.51	323,541.75	58,019.76	85	425,683.31	312,834.15	43,403.91	73
705215 Retirement Calculation	200,000.00		200,000.00		147,700.00		112,849.16	
705230 Medicare April 1986	24,601.66	21,223.13	3,378.53	86	28,990.03	21,988.19	147,700.00	76
705320 Workmens Comp	11,458.00	10,503.13	954.87	92	14,800.00	13,566.63	7,021.84	92
705330 Unemply Comp	2,210.00	2,210.00		100	2,405.00	2,405.00	1,233.37	100
705360 Benefit Adjustment					19,155.00		19,155.00	
* Employee Benefits	888,530.23	592,708.12	295,822.11	67	884,718.52	553,355.24	331,363.28	63
710100 Professional Services	3,300.00	870.00	2,430.00	26	4,800.00	2,296.18	2,503.82	48
710105 Medical Services		74.50	74.50-					
710108 MD Consultants								
710200 Service Contract	750.00	801.78	51.78-	107	150.00	225.00	225.00-	366
710205 Repairs and Maintenance	800.00	152.57	647.43	19	800.00	549.65	399.65-	6
710300 Operating Supplies	52,049.29	19,599.55	32,449.74	38	35,300.00	19,628.63	751.67	56
710312 Special Dept Expense						25.00-	15,671.37	
710334 Copy Machine Expense	11,594.00	6,493.44	5,100.56	56	11,879.00	8,173.50	25.00-	69
710350 Office Supplies	16,185.00	12,904.09	3,280.91	80	16,185.00	8,012.84	3,705.50	50
710355 Books and Subscriptions	1,370.00	2,381.45	1,011.45-	174	1,370.00	1,108.81	8,172.16	81
710360 Postage	1,600.00	1,329.43	270.57	83		2,314.85	261.19	
710361 Express and Courier	100.00	31.77	68.23	32	1,700.00	30.60	1,669.40	2
710500 Other Expense	1,100.00	940.75	159.25	86	1,250.00	850.60	399.40	68
710502 Printing	9,550.00	2,604.89	6,945.11	27	9,570.00	985.27	8,584.73	10
710503 Licenses & Permits	2,400.00	400.00	2,000.00	17	2,500.00	216.00	2,284.00	9
710507 Network and Data Lines		283.59	283.59-			150.00-	150.00-	
710508 Telephone Land Lines	11,800.00	9,414.88	2,385.12	80	12,510.00	9,302.79	3,207.21	74
710509 Seminars and Meetings	5,100.00	2,491.00	2,609.00	49	5,100.00	3,571.50	1,528.50	70
710512 Auto Expense	4,350.00	1,505.29	2,844.71	35	4,550.00	1,614.94	2,935.06	35
710519 Cellular Phone	350.00	103.37	246.63	30	383.00	366.84	16.16	96
710529 Dues	955.00	3,861.00	2,906.00-	404	955.00	1,558.92	603.92-	163

Accounts	2010 Plan	2010 Actuals	Balance	Act%	2009 Plan	2009 Actual	Balance	Act%
710535 Credit Card Fees		0.17	0.17-					
710540 Advertising	150.00	126.39	23.61	84		156.77	156.77-	
710600 LT Lease-Office Space	80,296.00	81,437.28	1,141.28-	101	141,319.12	80,062.04	61,257.08	57
710872 Food Purchases	150.00		150.00		200.00	116.86	83.14	58
711010 Utilities		63.00	63.00-					
711113 Equip Srv Replace	2,122.20	2,455.35	333.15-	116		2,421.01	2,421.01-	
711114 Equip Srv O & M	1,043.60	918.60	125.00	88	1,623.64	1,074.87	548.77	66
711115 Equip Srv Motor Pool		537.50	537.50-			592.50	592.50-	
711117 ESD Fuel Charge	636.64	484.94	151.70	76				
711119 Prop & Liab Billings	11,798.00	10,814.87	983.13	92	10,693.00	9,801.99	891.01	92
711210 Travel	16,500.00	6,768.62	9,731.38	41	16,500.00	4,528.38	11,971.62	27
711504 Equipment nonCapital	1,700.00	4,847.32	3,147.32-	285	1,700.00	123.95	1,576.05	7
* Services and Supplies	237,749.73	174,697.39	63,052.34	73	281,037.76	159,908.62	121,129.14	57
** Expenses	3,011,285.11	2,313,598.46	697,686.65	77	3,299,221.95	2,317,215.77	982,006.18	70
*** Total	1,805,344.11	1,411,919.36	393,424.75	78	1,834,692.95	1,374,994.53	459,698.42	75

Washoe County Health District
 Air Quality Management
 Pds 1 - 11, FY 2010

Accounts	2010 Plan	2010 Actuals	Balance	Act%	2009 Plan	2009 Actual	Balance	Act%
422510 Air Pollution Permits	402,399.00-	339,016.50-	63,382.50-	84	420,550.00-	397,123.40-	23,426.60-	94
* Licenses and Permits	402,399.00-	339,016.50-	63,382.50-	84	420,550.00-	397,123.40-	23,426.60-	94
431100 Federal Grants	681,349.00-	480,737.68-	200,611.32-	71	759,349.00-	181,533.00-	577,816.00-	24
431105 Federal Grants - Indirect		20,423.32-	20,423.32-					
432100 State Grants								
432311 Pol CtrI 455B.830	280,000.00-	307,550.00-	27,550.00	110	170,000.00-	170,000.00-		100
* Intergovernmental	961,349.00-	808,711.00-	152,638.00-	84	1,209,349.00-	657,018.00-	552,331.00-	109
460513 Other Health Service Charges		992.00	992.00		9,800.00-	551.40-	9,248.60-	6
460526 Plan Review-Air Quality	15,500.00-	30,825.00-	15,325.00	199	14,837.00-	33,781.00-	18,944.00	228
460527 NOE-AQM	32,900.00-	77,762.00-	44,862.00	236	32,900.00-	52,554.05-	19,654.05	160
460528 NESHAP-AQM	62,000.00-	71,311.00-	9,311.00	115	167,900.00-	72,883.00-	95,017.00-	43
460529 Assessments-AQM	22,000.00-	28,013.00-	6,013.00	127	36,630.00-	27,312.00-	9,318.00-	75
460530 Inspector Registr-AQ	1,900.00-	3,735.00-	1,835.00	197	2,100.00-	111.00-	1,989.00-	5
460531 Dust Plan-Air Quality	178,333.00-	333,618.25-	155,285.25	187	178,333.00-	232,916.00-	54,583.00	131
* Charges for Services	312,633.00-	546,256.25-	233,623.25	175	442,500.00-	420,108.45-	22,391.55-	95
485300 Other Misc Govt Rev		90.00-	90.00					
* Miscellaneous		90.00-	90.00					
** Revenue	1,676,381.00-	1,694,073.75-	17,692.75	101	2,072,399.00-	1,474,249.85-	598,149.15-	71
701110 Base Salaries	1,311,733.43	1,139,113.85	172,619.58	87	1,388,862.47	1,158,181.59	230,680.88	83
701130 Pooled Positions	8,000.00	8,283.91	283.91-	104	8,000.00	3,436.43	4,563.57	43
701140 Holiday Work						166.02	166.02-	
701150 Contractual Wages	50,000.00	10,400.00	50,000.00		50,000.00		50,000.00	40
701200 Incentive Longevity	21,150.00	1,961.98	10,750.00	49	23,550.00	9,488.44	14,061.56	40
701300 Overtime	6,057.21	409.82	4,095.23	32	4,535.34	542.34	3,993.00	12
701408 Call Back			409.82		1,000.00		1,000.00	
701412 Salary Adjustment					8,608.78		8,608.78	
701413 Vac Payoff/Sick Pay-Term						47,591.12	47,591.12-	
701417 Comp Time							8,502.93-	
* Salaries and Wages	1,396,940.64	1,160,169.56	236,771.08	83	1,484,556.59	1,227,908.87	256,647.72	83
705110 Group Insurance	156,554.89	136,762.84	19,792.05	87	142,279.60	119,995.15	22,284.45	84
705210 Retirement	285,871.82	246,229.28	39,642.54	86	289,544.99	238,139.56	51,405.43	82
705230 Medicare April 1986	17,726.98	15,225.95	2,501.03	86	18,901.05	16,310.58	2,590.47	86
705320 Workmens Comp	6,740.00	6,178.37	561.63	92	8,000.00	7,333.37	666.63	92
705330 Unemply Comp	1,300.00	1,300.00		100	1,300.00	1,300.00		100
* Employee Benefits	468,193.69	405,696.44	62,497.25	87	460,025.64	383,078.66	76,946.98	83
710100 Professional Services	176,599.41	29,202.60	147,396.81	17	261,928.54	104,256.32	157,672.22	40
710200 Service Contract	350.00	363.00	13.00-	104	350.00	312.84	37.16	89
710205 Repairs and Maintenance	7,000.00	4,086.05	2,913.95	58	8,792.63	362.00	8,430.63	4
710300 Operating Supplies	4,100.00	10,979.27	6,879.27-	268	4,500.00	1,529.13	2,970.87	34
710312 Special Dept Expense						25.00-	25.00-	
710334 Copy Machine Expense	4,387.20	3,868.23	518.97	88	4,387.20	4,482.32	95.12-	102
710350 Office Supplies	3,500.00	3,855.61	355.61-	110	4,500.00	3,181.91	1,318.09	71
710355 Books and Subscriptions	224.00	250.86	26.86-	112	224.00	212.26	11.74	95
710360 Postage	2,200.00	3,569.68	1,369.68-	162	2,000.00	2,664.86	2,664.86-	
710361 Express and Courier	200.00	65.77	134.23	33	2,000.00	45.08	1,954.92	2
710500 Other Expense	200.00	567.77	367.77-	284	1,000.00	5,554.70	4,554.70-	555
710502 Printing	1,000.00	801.30	198.70	80	1,600.00	1,031.16	568.84	64
710503 Licenses & Permits	90.00	2,372.67	2,282.67-	2,636		90.00	90.00-	

Accounts	2010 Plan	2010 Actuals	Balance	Act%	2009 Plan	2009 Actual	Balance	Act%
710505 Rental Equipment	1,800.00	1,800.00		100	1,700.00	1,800.00	100.00	106
710506 Telephone Land Lines	9,000.00	5,949.11	3,050.89	66	12,600.00	6,971.69	5,628.31	55
710509 Seminars and Meetings	4,200.00	1,705.00	2,495.00	41	4,200.00	1,920.00	2,280.00	46
710512 Auto Expense	1,200.00	384.27	815.73	32	200.00	744.82	544.82	372
710519 Cellular Phone	3,800.00	3,360.62	439.38	88	4,145.00	3,232.98	912.02	78
710529 Dues	435.00	2,185.00	1,750.00	502	435.00	435.00		100
710535 Credit Card Fees	1,500.00	1,477.46	22.54	98		975.32	975.32	
710546 Advertising	5,700.00	731.63	4,968.37	13	5,700.00	1,047.01	4,652.99	18
710577 Uniforms & Special Clothing	1,100.00		1,100.00		1,100.00		1,100.00	
710600 LT Lease-Office Space	74,490.12	24,688.00	49,802.12	33	74,490.12	74,242.40	247.72	100
710721 Outpatient	1,316.00		1,316.00		1,316.00	991.38	324.62	75
711113 Equip Srv Replace	30,340.92	17,753.99	12,586.93	59	24,384.00	31,860.87	7,476.87	131
711114 Equip Srv O & M	13,520.37	9,624.00	3,896.37	71	33,132.40	21,055.40	12,077.00	64
711115 Equip Srv Motor Pool		262.50	262.50		275.00	250.00	25.00	91
711117 ESD Fuel Charge	12,187.68	10,228.19	1,959.49	84				
711119 Prop & Liab Billings	7,940.00	6,361.63	1,578.37	80	5,780.00	5,298.37	481.63	92
711210 Travel	40,227.52	9,038.18	31,189.34	22	38,964.00	8,567.09	30,396.91	22
711504 Equipment nonCapital	4,000.00	66,521.24	62,521.24	1,663	4,000.00	18,942.93	14,942.93	474
* Services and Supplies	412,608.22	222,053.63	190,554.59	54	501,703.89	302,082.84	199,621.05	60
781004 Equipment Capital	91,708.35	54,883.68	36,824.67	60	165,850.05	65,760.50	100,089.55	40
* Capital Outlay	91,708.35	54,883.68	36,824.67	60	165,850.05	65,760.50	100,089.55	40
** Expenses	2,369,450.90	1,842,803.31	526,647.59	78	2,612,136.17	1,978,830.87	633,305.30	76
485192 Surplus Equipment Sales		12.60	12.60					
** Other Financing Src/Use		12.60	12.60					
*** Total	693,069.90	148,716.96	544,352.94	21	539,737.17	504,581.02	35,156.15	93

Washoe County Health District
 Community and Clinical Health Services
 Pds 1 - 11, FY 2010

Accounts	2010 Plan	2010 Actuals	Balance	Act%	2009 Plan	2009 Actual	Balance	Act%
431100 Federal Grants	2,467,580.00	1,797,267.09	670,312.91	73	2,343,949.20	1,532,919.02	811,030.18	65
431105 Federal Grants - Indirect		7,735.55	7,735.55					
432100 State Grants	552,556.00	347,301.31	205,254.69	63	564,279.80	580,320.56	16,040.76	103
* Intergovernmental	3,020,136.00	2,152,303.95	867,832.05	71	2,908,229.00	2,113,239.58	794,989.42	73
460162 Services to Other Agencies	63,657.69	23,909.21	39,748.48	38	86,494.00	57,359.59	29,134.41	66
460500 Other Immunizations	110,000.00	86,450.69	23,549.31	79	165,000.00	103,900.98	61,099.02	63
460501 Medicaid Clinical Services	36,500.00	27,987.86	8,512.14	77	30,750.00	39,971.82	9,221.82	130
460503 Childhood Immunizations	190,000.00	122,898.15	67,101.85	65	190,000.00	191,024.03	1,024.03	101
460505 Non Title X Revenue		1,369.00	1,369.00			5,330.93	5,330.93	
460508 Tuberculosis	10,000.00	7,081.11	2,918.89	71	8,000.00	17,682.03	9,682.03	221
460515 Medicare Reimbursement	500.00	672.90	172.90	135	250.00	892.07	642.07	357
460516 Pgm Inc-3rd Pty Rec	9,000.00	6,159.54	2,840.46	68	3,000.00	12,672.64	9,672.64	422
460517 Influenza Immunization	5,000.00	26,186.06	21,186.06	524	10,000.00	13,247.00	3,247.00	132
460518 STD Fees	30,000.00	26,937.41	3,062.59	90	60,000.00	36,759.26	23,240.74	61
460519 Outpatient Services	12,500.00	63,640.27	36,359.73	64	11,500.00	8,119.00	3,381.00	71
460524 Family Planning	100,000.00	14,199.00	14,199.00		100,000.00	90,786.71	9,213.29	91
460570 Education Revenue	567,157.69	407,491.20	159,666.49	72	664,994.00	577,746.06	87,247.94	87
* Charges for Services		3,360.00	3,360.00					
484000 Donations,Contributions		100.00	100.00					
484050 Donations Federal Pgm Income		6.00	6.00					
485300 Other Misc Govt Rev		3,466.00	3,466.00					
* Miscellaneous		2,563,261.15	1,024,032.54	71	3,573,223.00	2,690,985.64	882,237.36	75
** Revenue	3,078,262.37	2,286,830.21	791,432.16	74	3,350,766.90	2,811,595.37	539,171.53	84
701110 Base Salaries	640,119.02	530,012.77	110,106.25	83	966,243.97	663,366.18	302,877.79	69
701120 Part Time	120,571.14	108,163.16	12,407.98	90	37,818.00	40,458.01	2,640.01	107
701130 Pooled Positions						110.68	110.68	
701140 Holiday Work								
701150 Contractual Wages	54,703.00	27,332.98	27,370.02	50	53,890.00	31,453.48	22,436.52	58
701200 Incentive Longevity	2,175.00	5,513.68	3,338.68	254	3,835.57	980.07	2,855.50	26
701300 Overtime	114,541.03	52,337.82	114,541.03		403,856.66	89,427.11	403,856.66	
701412 Salary Adjustment		7,925.32	7,925.32			10,384.80	89,427.11	
701413 Vac Payoff/Sick Pay- Term								
701417 Comp Time								
701500 Merit Awards	329,645.39	3,018,115.94	329,645.39	82	162,541.00	10,384.80	162,541.00	94
* Salaries and Wages	524,221.04	399,667.71	662,610.23	76	3,863,459.51	3,647,775.70	215,683.81	78
705110 Group Insurance	808,950.04	620,323.53	188,626.51	77	896,036.24	715,527.32	124,695.93	80
705210 Retirement	49,212.59	39,784.90	9,427.69	81	53,887.66	45,874.45	8,013.21	85
705230 Medicare April 1986	21,231.00	19,461.53	1,769.47	92	30,000.00	27,499.78	2,500.22	92
705320 Workmens Comp	4,095.00	4,085.00	10.00	100	4,875.00	4,875.00		100
705330 Unemply Comp	1,505.00		1,505.00					
705360 Benefit Adjustment	1,406,204.67	1,083,322.67	322,882.00	77	1,543,281.21	1,227,562.93	315,718.28	80
* Employee Benefits	302,893.00	293,923.72	8,969.28	97	299,863.70	263,220.89	36,642.81	88
710100 Professional Services	13,000.00	12,123.00	877.00	93	13,350.00	11,274.50	2,075.50	84
710105 Medical Services	43,382.00	31,125.00	12,257.00	72	45,140.00	37,275.00	7,865.00	83
710108 MD Consultants	147,602.00	105,519.57	42,082.43	71	304,994.00	252,548.50	52,445.50	83
710119 Subrecipient Payments	12,200.00	9,843.29	2,356.71	81	10,954.00	9,376.34	1,577.66	86
710200 Service Contract	6,105.00	20,301.31	14,196.31	333	5,410.00	2,012.37	3,397.63	37
710205 Repairs and Maintenance								

Accounts	2010 Plan	2010 Actuals	Balance	Act%	2009 Plan	2009 Actual	Balance	Act%
710210 Software Maintenance	350.00	83,775.95	350.00	86	86,391.00	350.00	350.00	87
710300 Operating Supplies	97,132.00	10,151.89	13,356.05	62	17,183.00	74,750.78	11,640.22	74
710312 Special Dept Expense	16,463.00	8,222.35	6,311.11	57	16,679.00	125.00	125.00	100
710334 Copy Machine Expense	14,405.00	1,424.57	6,182.65	82	4,595.00	16,660.98	4,432.54	32
710350 Office Supplies	1,730.00	4,884.95	305.43	101	4,350.00	1,488.14	18.02	164
710355 Books and Subscriptions	4,858.00	194.13	26.95	36	3,650.00	7,139.73	3,106.86	7
710361 Postage	535.00	20,008.28	340.87	34	43,298.75	251.23	2,789.73	51
710366 Express and Courier	59,424.30	4,557.11	39,416.02	40	16,784.00	22,132.77	21,165.98	28
710500 Other Expense	11,303.24	1,885.00	6,746.13	50	4,780.00	4,716.65	12,067.35	61
710502 Printing	3,800.00		1,915.00			2,894.20	1,885.80	
710503 Licenses & Permits	900.00		900.00		469.00		469.00	
710504 Registration								
710505 Rental Equipment								
710506 Dept Insurance Deductible	273.40	2,150.70	273.40	143	455.00	2,890.92	2,435.92	635
710507 Network and Data Lines	1,505.00	13,629.74	645.70	74	24,270.00	15,147.61	9,122.39	62
710508 Telephone Land Lines	18,459.00	4,492.00	4,829.26	56	34,897.00	26,900.50	7,996.50	77
710509 Seminars and Meetings	8,050.00	8,741.81	3,558.00	59	20,542.00	10,656.74	9,885.26	52
710512 Auto Expense	14,793.00	677.53	6,051.19	147	2,178.00	970.06	1,207.94	45
710519 Cellular Phone	462.00	819.00	215.53	53	2,050.00	1,349.00	701.00	66
710529 Dues	1,550.00	3,263.83	731.00	55	29,092.00	4,044.37	4,044.37	111
710535 Credit Card Fees	5,935.00	29,014.72	2,671.17	97	450.00	32,308.53	3,216.53	
710546 Advertising	29,997.00		982.28				450.00	
710577 Uniforms & Special Clothing	350.00	459.00	350.00				459.00	
710590 Bad Debt Expense			459.00					
710703 Biologicals	286,952.00	124,030.97	162,921.03	43	282,109.61	194,627.93	87,481.68	69
710714 Referral Services	11,300.00	2,404.24	8,895.76	21	8,700.00	3,885.00	4,815.00	45
710721 Outpatient	109,576.00	102,642.18	6,933.82	94	140,067.88	91,698.51	48,369.37	65
710872 Food Purchases	1,945.00	1,072.10	872.90	55	1,850.00	2,274.25	424.25	123
711010 Utilities		228.00	228.00					
711113 Equip Srv Replace	1,397.28	1,614.69	217.41	116	1,800.00	1,632.96	167.04	91
711114 Equip Srv O & M	904.60	252.16	652.44	28	3,129.54	1,244.70	1,884.84	40
711115 Equip Srv Motor Pool	4,870.00	852.50	4,017.50	18	320.00	980.00	660.00	306
711117 ESD Fuel Charge	538.69		538.69					
711119 Prop & Liab Billings	21,861.00	20,039.14	1,821.86	92	21,675.00	19,868.75	1,806.25	92
711210 Travel	39,432.50	11,485.53	27,946.97	29	54,991.00	16,527.34	38,463.66	30
711213 Travel-Non Cnty Pers		656.27	656.27					
711504 Equipment nonCapital	6,828.00	5,971.65	856.35	87	5,017.00	2,863.75	2,153.25	57
* Services and Supplies	1,301,262.01	942,437.88	358,824.13	72	1,511,485.48	1,148,838.46	362,647.02	76
** Expenses	6,388,192.85	5,043,876.49	1,344,316.36	79	6,918,226.20	6,024,177.09	894,049.11	87
485192 Surplus Equipment Sales							83.60	
* Other Fin. Sources							83.60	
** Other Financing Src/Use							83.60	
*** Total	2,800,899.16	2,480,615.34	320,283.82	89	3,345,003.20	3,333,107.85	11,895.35	100

Accounts	2010 Plan	2010 Actuals	Balance	Act%	2009 Plan	2009 Actual	Balance	Act%
422503 Environmental Permits	69,000.00-	42,491.00-	26,509.00-	62	125,000.00-	102,353.39-	22,646.61-	82
422504 Pool Permits	33,000.00-	61,830.00-	28,830.00-	187	100,000.00-	117,559.00-	17,559.00-	118
422505 RV Permits	10,500.00-	9,406.00-	1,094.00-	90	15,000.00-	14,360.00-	640.00-	96
422506 xHotel Motel Permits						353.00-	353.00-	
422507 Food Service Permits	355,000.00-	321,752.00-	33,248.00-	91	410,000.00-	361,545.00-	48,455.00-	88
422508 Wat Well Const Perm	44,000.00-	25,654.00-	18,346.00-	58	40,000.00-	26,278.00-	13,722.00-	66
422509 Water Company Permits	12,000.00-	4,628.00-	7,372.00-	39	25,000.00-	8,226.00-	16,774.00-	33
422511 ISDS Permits	90,000.00-	42,970.85-	47,029.15-	48	125,000.00-	73,429.00-	51,571.00-	59
422513 Special Event Permits	75,000.00-	67,731.20-	7,268.80-	90	80,000.00-	77,926.00-	2,074.00-	97
422514 Initial Applic Fee	38,000.00-	27,237.00-	10,763.00-	72		26,640.00-	26,640.00-	
* Licenses and Permits	726,500.00-	603,700.05-	122,799.95-	83	920,000.00-	808,669.39-	111,330.61-	88
431100 Federal Grants	277,000.00-	206,304.37-	70,695.63-	74	277,000.00-	190,829.07-	86,170.93-	69
432100 State Grants	75,000.00-	56,500.00-	18,500.00-	75	75,250.00-	57,000.00-	18,250.00-	76
432310 Tire Fee NRS 444A.090	370,534.52-	395,702.34-	25,167.82-	107	415,000.00-	354,911.70-	60,088.30-	86
* Intergovernmental	722,534.52-	658,506.71-	64,027.81-	91	767,250.00-	602,740.77-	164,509.23-	79
460162 Services to Other Agencies		119.00-	119.00-		109,365.10-	14,929.03-	94,436.07-	14
460509 Water Quality		102,091.00-	18,910.00-	84	150,000.00-	118,665.00-	31,335.00-	79
460510 IT Overlay	8,000.00-	3,503.00-	4,497.00-	44	14,000.00-	6,750.00-	7,250.00-	48
460513 Other Health Service Charges	8,000.00-	13,734.00-	5,734.00-	172	8,000.00-	7,648.00-	352.00-	96
460514 Food Service Certification	90,500.00-	51,872.00-	38,628.00-	57	120,000.00-	125,150.00-	5,150.00-	104
460520 Eng Serv Health	5,000.00-	6,968.00-	1,968.00-	139	3,000.00-	4,474.00-	1,474.00-	149
460521 Plan Review - Pools & Spas	30,000.00-	20,823.15-	9,176.85-	69	40,000.00-	27,444.72-	12,555.28-	69
460523 Plan Review - Food Services	64,000.00-	27,940.00-	36,060.00-	44	75,000.00-	52,058.00-	22,942.00-	69
460525 Plan Review - Vector		414.00-	414.00-			280.00-	280.00-	
460532 Plan Rvw Hotel/Motel		344.00-	344.00-					
460533 Quick Start		7,051.00-	1,949.00-	78				
460534 Child Care Inspection	9,000.00-	14,319.00-	6,681.00-	68				
460535 Pub Accomod Inspectn	21,000.00-	4,003.00-	4,003.00-					
460570 Education Revenue		253,181.15-	103,319.85-	71	519,365.10-	357,398.75-	161,966.35-	69
* Charges for Services	356,501.00-	150.00-	150.00-					
485100 Reimbursements		203.00-	203.00-					
485300 Other Misc Govt Rev		353.00-	353.00-					
* Miscellaneous		1,515,740.91-	289,794.61-	84	2,206,615.10-	1,768,908.91-	437,706.19-	80
** Revenue	1,805,535.52-	2,614,825.59	784,578.25	77	3,324,778.61	2,874,288.95	450,489.66	86
701110 Base Salaries	3,399,403.84	76,362.88	13,734.12	85	125,737.00	60,398.00	65,339.00	48
701130 Pooled Positions	90,097.00	846.49	653.51	56	1,500.00	1,175.92	324.08	78
701140 Holiday Work	1,500.00	6,746.24	2,753.76	71		8,215.07	8,215.07	
701150 Contractual Wages	9,500.00	23,246.17	28,853.83	45	53,900.00	24,389.24	29,510.76	45
701200 Incentive Longevity	52,100.00	25,230.34	9,057.66	74	55,000.00	21,575.30	33,424.70	39
701300 Overtime	34,288.00	31,134.65	1,134.65-	104	35,000.00	29,798.75	5,201.25	85
701406 Standby Pay	30,000.00	3,871.98	871.98-	129	5,000.00	3,319.00	1,681.00	66
701408 Call Back	3,000.00		304.20-					
701412 Salary Adjustment	304.20-							
701413 Vac Payoff/Sick Pay-Term		21,031.55	21,031.55-					
701417 Comp Time		10,046.59	10,046.59-					
* Salaries and Wages	3,619,584.64	2,813,342.48	806,242.16	78	3,600,915.61	3,068,125.48	532,790.13	85
705110 Group Insurance	480,654.08	374,188.04	106,466.04	78	411,165.33	351,368.81	59,796.52	85
705210 Retirement	740,272.62	572,962.39	167,310.23	77	692,578.60	598,915.20	93,663.40	86

Accounts	2010 Plan	2010 Actuals	Balance	Act%	2009 Plan	2009 Actual	Balance	Act%
705230 Medicare April 1986	43,911.91	35,625.77	8,286.14	81	42,676.59	38,689.02	3,987.57	91
705320 Workmens Comp	18,535.00	16,990.27	1,544.73	92	20,800.00	18,993.20	1,806.80	91
705330 Unemply Comp	3,575.00	3,575.00		100	3,380.00	3,453.32	73.32	102
* Employee Benefits	1,286,948.61	1,003,341.47	283,607.14	78	1,170,600.52	1,011,419.55	159,180.97	86
710100 Professional Services	179,930.29	76,587.00	103,343.29	43	131,160.62	62,935.08	68,225.54	48
710105 Medical Services	500.00	2,454.00	1,954.00	491	150.00	1,752.00	1,602.00	1,168
710115 Prof Eng Services								
710200 Service Contract	87,300.00	54,599.23	32,700.77	63	104,700.00	1,208.31	1,208.31	
710205 Repairs and Maintenance	1,000.00	1,258.11	258.11	126	1,100.00	63,291.61	41,408.39	60
710210 Software Maintenance		17,802.29	17,802.29			843.22	256.78	77
710300 Operating Supplies	23,593.05	7,046.18	16,546.87	30	14,392.81	10,583.49	3,809.32	74
710302 Small Tools & Allow	1,385.00	750.33	634.67	54	2,950.00		2,950.00	
710308 Animal Supplies	2,000.00		2,000.00		2,000.00	899.24	1,100.76	45
710312 Special Dept Expense						25.00	25.00	
710319 Chemical Supplies	560,707.00	360,810.19	199,896.81	64	621,588.00	361,579.46	260,008.54	58
710334 Copy Machine Expense	1,280.00	556.08	723.92	43	4,550.00	731.37	3,818.63	16
710350 Office Supplies	9,150.00	9,353.37	203.37	102	9,075.00	8,100.02	974.98	89
710355 Books and Subscriptions	1,600.00	1,233.24	366.76	77	2,000.00	3,019.43	1,019.43	151
710360 Postage	5,900.00	8,667.55	2,767.55	147	1,250.00	6,616.43	5,366.43	529
710361 Express and Courier	300.00	93.38	206.62	31	7,100.00	180.98	6,919.02	3
710391 Fuel & Lube	100.00		100.00		100.00	123.60	23.60	124
710500 Other Expense	800.00	75.48	724.52	9	3,400.00	10,038.54	6,638.54	295
710502 Printing	3,225.00	1,758.35	1,466.65	55	4,060.00	2,756.46	1,303.54	68
710503 Licenses & Permits	2,335.00	2,065.00	270.00	88	3,135.00	2,180.00	955.00	70
710505 Rental Equipment					8,000.00		8,000.00	
710506 Dept Insurance Deductible		599.25	599.25			263.74	263.74	
710507 Network and Data Lines	3,200.00	2,150.70	1,049.30	67		3,288.64	3,288.64	
710508 Telephone Land Lines	11,425.00	8,931.70	2,493.30	78	22,845.00	9,084.70	13,760.30	40
710509 Seminars and Meetings	11,200.00	9,581.00	1,619.00	86	15,850.00	4,640.00	11,210.00	29
710512 Auto Expense	375.00	60.78	314.22	16	350.00	55.56	294.44	16
710519 Cellular Phone	8,405.00	6,604.79	1,800.21	79	16,813.00	7,285.52	9,527.48	43
710529 Dues	896.00	1,289.00	393.00	144	1,800.00	1,334.00	466.00	74
710535 Credit Card Fees	4,959.78	2,902.49	2,057.29	59		3,934.06	3,934.06	
710546 Advertising	500.00	263.80	236.20	53	30,500.00	701.49	29,798.51	2
710577 Uniforms & Special Clothing	1,700.00	1,094.08	605.92	64	1,950.00		1,950.00	
710590 Bad Debt Expense		444.40	444.40					
710600 LT Lease-Office Space	40,636.89	40,447.92	188.97	100	40,636.89	39,738.09	898.80	98
710721 Outpatient	6,048.00		6,048.00		4,922.00	4,635.50	286.50	94
711113 Equip Srv Replace	67,963.08	78,753.64	10,790.56	116	78,780.00	84,483.72	5,703.72	107
711114 Equip Srv O & M	56,517.86	33,007.89	23,509.97	58	123,072.96	62,696.30	60,376.66	51
711115 Equip Srv Motor Pool	7,000.00	5,290.00	1,710.00	76	18,500.00	3,242.50	15,257.50	18
711117 ESD Fuel Charge	39,610.63	26,669.73	12,940.90	67				
711119 Prop & Liab Billings	19,085.00	17,494.62	1,590.38	92	15,028.00	13,775.63	1,252.37	92
711210 Travel	35,650.00	11,911.64	23,738.36	33	44,136.62	8,695.98	35,440.64	20
711504 Equipment nonCapital	2,643.97	1,477.65	1,166.32	56	36,202.42	2,545.47	33,656.95	7
* Services and Supplies	1,198,921.55	794,084.86	404,836.69	66	1,372,098.32	787,285.14	584,833.18	57
** Expenses	6,105,454.80	4,610,768.81	1,494,685.99	76	6,143,614.45	4,866,810.17	1,276,804.28	79
621001 Transfer From General	350,000.00	89,711.67	260,288.33	26	350,000.00	79,428.02	270,571.98	23

Washoe County Health District
 Environmental Health Services
 Pds 1 - 11, FY 2010

Accounts	2010 Plan	2010 Actuals	Balance	Act%	2009 Plan	2009 Actual	Balance	Act%
** Other Financing Src/Use	350,000.00-	89,711.67-	260,288.33-	26	350,000.00-	79,428.02-	270,571.98-	23
*** Total	3,949,919.28	3,005,316.23	944,603.05	76	3,586,999.35	3,018,473.24	568,526.11	84

Washoe County Health District
Epidemiology and Public Health Preparedness
Pds 1 - 11, FY 2010

Accounts	2010 Plan	2010 Actuals	Balance	Act%	2009 Plan	2009 Actual	Balance	Act%
431100 Federal Grants	3,414,126.66	1,507,374.74	1,906,751.92	44	1,953,739.25	1,026,936.52	926,802.73	53
431105 Federal Grants - Indirect	31,540.00	18,890.35	12,649.65	60		11,320.41	11,320.41	
* Intergovernmental	3,445,666.66	1,526,265.09	1,919,401.57	44	1,953,739.25	1,038,256.93	915,482.32	53
460511 Birth and Death Certificates	215,000.00	205,234.00	9,766.00	95	230,000.00	200,737.20	29,262.80	87
* Charges for Services	215,000.00	205,234.00	9,766.00	95	230,000.00	200,737.20	29,262.80	87
485300 Other Misc Govt Rev		90.00	90.00					
* Miscellaneous		90.00	90.00					
** Revenue								
701110 Base Salaries	3,660,666.66	1,731,589.09	1,929,077.57	47	2,183,739.25	1,238,994.13	944,745.12	57
701120 Part Time	1,123,682.40	882,372.24	241,310.16	79	1,128,945.85	890,423.89	238,521.96	79
701130 Pooled Positions	35,577.94	63,757.78	28,179.84	179	54,341.12	49,287.74	5,053.38	91
701150 Contractual Wages	38,400.00	37,620.14	779.86	98				
701200 Contractual Wages	196,000.00	97,703.22	98,296.78	50	29,037.14	19,259.58	9,777.56	66
701200 Incentive Longevity	8,141.00	2,895.48	5,245.52	36	7,910.50	2,896.09	5,014.41	37
701300 Overtime	253,000.00	111,762.30	141,237.70	44	2,000.00	6,275.91	4,275.91	314
701412 Salary Adjustment	64,406.92		64,406.92		26,900.35		26,900.35	
701413 Vac Payoff/Sick Pay-Term		6,377.91	6,377.91			428.93	428.93	
701417 Comp Time		14,848.44	14,848.44					
* Salaries and Wages	1,719,208.26	1,217,337.51	501,870.75	71	1,249,134.96	968,572.14	280,562.82	78
705110 Group Insurance	140,445.78	121,070.54	19,375.24	86	135,468.26	96,822.60	38,645.66	71
705210 Retirement	250,368.19	191,732.40	58,635.79	77	244,226.49	190,148.05	54,078.44	78
705230 Medicare April 1986	15,824.28	15,564.02	260.26	98	16,553.27	12,845.43	3,707.84	78
705320 Workmens Comp	6,307.45	3,089.13	3,218.32	49	8,000.00	6,966.63	1,033.37	87
705330 Unemply Comp	1,170.00	1,160.00	10.00	99	1,300.00	1,235.00	65.00	95
705360 Benefit Adjustment	11,009.31		11,009.31					
* Employee Benefits	425,125.01	332,616.09	92,508.92	78	405,548.02	308,017.71	97,530.31	76
710100 Professional Services	1,366,450.02	57,497.70	1,308,952.32	4	409,145.21	172,425.63	236,719.58	42
710105 Medical Services	100.00	732.00	632.00	732	200.00		200.00	
710108 MD Consultants	12,000.00	10,000.00	2,000.00	83	12,000.00	8,000.00	4,000.00	67
710200 Service Contract	1,610.00	4,602.19	2,992.19	286	600.00	851.78	251.78	142
710205 Repairs and Maintenance	600.00	1,220.45	620.45	203	1,233.00	299.75	933.25	24
710210 Software Maintenance		9,000.00	9,000.00			9,000.00	9,000.00	
710300 Operating Supplies	93,666.88	18,329.57	75,337.31	20	45,397.85	31,112.65	14,285.20	69
710334 Copy Machine Expense	2,300.30	2,232.92	67.38	97	3,362.98	2,135.63	1,227.35	64
710350 Office Supplies	19,102.26	8,260.30	10,841.96	43	10,279.55	11,671.77	1,392.22	114
710355 Books and Subscriptions	2,663.00	1,700.49	962.51	64	1,799.50	1,549.53	249.97	86
710360 Postage	12,400.44	2,116.54	10,283.90	17	1,351.57	2,595.27	1,243.70	192
710361 Express and Courier					3,700.00		3,700.00	
710500 Other Expense	31,826.00	12,748.43	31,826.00		3,620.00	3,791.60	171.60	105
710502 Printing	24,573.00	869.00	11,824.57	52	9,029.48	3,972.94	5,056.54	44
710505 Rental Equipment	1,000.00		131.00					
710507 Network and Data Lines		430.14	430.14					
710508 Telephone Land Lines	10,124.05	3,970.39	6,153.66	39	2,680.48	4,757.69	446.91	177
710509 Seminars and Meetings	1,220.00	3,508.06	2,288.06	288	6,249.00	2,710.00	3,539.00	43
710512 Auto Expense	236.14	1,301.36	1,065.22	551	1,003.18	730.62	272.56	73
710519 Cellular Phone	580.00	2,359.38	1,779.38	407	686.00	1,604.61	918.61	234
710529 Dues	640.00	50.00	590.00	8	40.00	590.00	550.00	1,475
710535 Credit Card Fees		819.80	819.80					
710546 Advertising	700.00	1,126.39	426.39	161	334.52	1,000.00	665.48	299

Washoe County Health District
 Epidemiology and Public Health Preparedness
 Pds 1 - 11, FY 2010

Accounts	2010 Plan	2010 Actuals	Balance	Act%	2009 Plan	2009 Actual	Balance	Act%
710585 Undesignated Budget	31,540.05	390.00	31,540.05					
710590 Bad Debt Expense			390.00-					
710620 LT Lease-Equipment	4,300.68	224.22	4,076.46	5	5,940.00	2,971.00	2,969.00	50
710703 Biologicals	3,000.00	667.28	2,332.72	22	4,900.00	150.94	4,749.06	3
710721 Outpatient		1,071.00	1,071.00-		3,000.00	3,384.99	384.99-	113
711010 Utilities		504.75	504.75-			470.38	470.38-	
711114 Equip Srv O & M	200.00	72.50	127.50	36	100.00	100.00		100
711115 Equip Srv Motor Pool	1,200.00		1,200.00					
711117 ESD Fuel Charge	6,246.00	5,725.50	520.50	92	5,491.00	5,033.49	457.51	92
711119 Prop & Liab Billings	54,281.00	8,024.95	46,256.05	15	33,453.60	11,889.11	21,564.49	36
711210 Travel	61,364.14	120,236.44	58,872.30-	196	57,061.61	36,606.90	20,454.71	64
711504 Equipment nonCapital	1,743,923.96	279,791.75	1,464,132.21	16	622,658.53	319,853.19	302,805.34	51
* Services and Supplies	279,716.50	87,704.12	192,012.38	31	404,326.00	83,688.59	320,637.41	21
781004 Equipment Capital	279,716.50	87,704.12	192,012.38	31	404,326.00	83,688.59	320,637.41	21
* Capital Outlay	4,167,973.73	1,917,449.47	2,250,524.26	46	2,681,667.51	1,680,131.63	1,001,535.88	63
** Expenses	507,307.07	185,860.38	321,446.69	37	497,928.26	441,137.50	56,790.76	89
*** Total								



Washoe County Health District

DATE: May 18, 2010

TO: Washoe County District Board of Health Members

FROM: Jeanne Rucker, REHS
Environmental Health Specialist Supervisor

SUBJECT: Public Hearing for Proposed Additions, Amendments and Deletions to the Washoe County District Board of Health Regulations Governing Solid Waste Management, Sections:

Section 010.065 – Commercial Solid Waste defined – amendment
Section 010.150 – Diversion defined - addition
Section 010.280 – Industrial Waste defined - amendment
Section 010.350 – Materials Recovery Facility defined - addition
Section 010.477 – Recyclable Material defined - addition
Section 010.482 – Recycling Facility defined - addition
Section 010.484 – Residential Waste defined - addition
Section 010.486 – Reuse defined - addition
Sections 062.110 – 062.200, inclusive - Materials Recovery Facilities and Recycling Facilities – addition

Recommendation:

Staff recommends that District Board of Health members approve the draft regulations as outlined.

Background:

In September 2009, a Materials Recovery Facility (MRF) Proposal was presented to the Reno City Council by a private investment group. Subsequent to that proposal, the City of Reno staff determined that a diversion mandate must be approved by the Washoe County District Board of Health; therefore, they took no action on the MRF proposal.

A working group, consisting of representatives from Reno, Sparks and Washoe County, was formed to discuss the potential benefits and costs associated with a MRF. The issue was further discussed during the Strategic Planning meeting of the District Board of

Health (DBoH) in October 2009. The staff of the Environmental Health Services Division was directed by the DBoH in November 2009 to proceed *expeditiously* with developing MRF regulations and a mandate to increase recycling and diversion of waste from landfilling.

In December 2009 a draft MRF regulation was developed and sent out to stakeholders for comment. This initial draft stated that if a MRF is permitted to operate within Washoe County, government entities within the Health District would be required to provide an ordinance to divert a minimum of 250 tons per day to the MRF. Based on advice from the Health District legal counsel, it was determined that we did not have the legal authority to require other municipalities to provide an ordinance as outlined in the draft regulations.

Based on comments from our legal counsel and substantive input from both Waste Management of Nevada and 433, LLC, the draft regulations were amended. The amended draft regulation was again sent out for comment from stakeholders. Additionally, two public workshops were held to take comment. The workshops were held on March 23 and 25, 2010. Sixteen (16) people attended the workshops; staff answered questions and took comment both written and verbal regarding the proposed regulations.

The only substantive changes to the proposed regulations were to delete the term "resource recovery facility" from the regulation. It was determined that the definition of this facility type did not substantially differ from a MRF, thus making it redundant. Likewise, the initial proposal to require diversion of 75% of the solid waste within five (5) years of the effective date of the regulations was reduced to 35%. The initial figure of 75% was based on a proposal by the Governor; no legislative bill was approved using this figure, and attendees at the workshops indicated that a 35% diversion rate is achievable.

A final draft of the proposed regulations was developed and distributed to interested parties on May 14, 2010. A notice of public hearing was placed in the Reno Gazette Journal and published on May 17, 19 and 22, 2010. (See attached notice.)

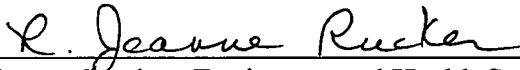
A business impact statement was prepared and is attached.

Fiscal Impact:

The only financial impact to the Health Fund will be the amount of staff time required to permit a new or modified Materials Recovery Facility or Recycling Facility.

Alternatives:

1. The District Board of Health could approve the proposed regulations with modifications.



R. Jeanne Rucker, Environmental Health Specialist Supervisor

Attachments: Business Impact Statement
Copies of Public Notice

**PROPOSED WASHOE COUNTY DISTRICT BOARD OF HEALTH
REGULATIONS GOVERNING SOLID WASTE MANAGEMENT
MATERIALS RECOVERY FACILITY
RECYCLING FACILITY
MANDATORY DIVERSION OF SOLID WASTE
Draft 3.2 (05/14/10)**

PURPOSE AND INTENT: The purpose of this section of the regulation is to promote recycling, waste reduction, resource recovery and diversion of recoverable solid waste from disposal in a landfill in order to better preserve the natural resources of this community and to minimize environmental degradation resulting from improper disposal of solid waste.

SECTION 010

DEFINITIONS:

010.065 COMMERCIAL SOLID WASTE means *solid waste generated as the result of commerce or trade; this includes but is not limited to solid waste produced at offices, retail or wholesale stores, warehouses, transient lodging facilities or public accommodation facilities. all types of solid waste generated by stores, offices, and other commercial sources excluding residences and industrial wastes.*

010.150 DIVERSION means *activities which reduce or eliminate the amount of solid waste from solid waste disposal.*

010.280 INDUSTRIAL WASTE means *any solid waste generated by manufacturing or industrial processes that is not a hazardous waste regulated under Subtitle C of RCRA. solid waste derived from industrial or manufacturing processes, including but not limited to, the solid waste generated by the:*

- a) *Generation of electric power;*
- b) *Manufacture of fertilizer and agricultural chemicals;*
- c) *Manufacture of food and its related products and by-products;*
- d) *Manufacture of inorganic chemicals;*
- e) *Manufacture of leather and products made from leather;*
- f) *Manufacture of nonferrous metals, including foundries which manufacture metals;*
- g) *Manufacture of organic chemicals;*
- h) *Manufacture of plastics, resins and other miscellaneous products made from plastic;*
- i) *Pulp and paper industry;*
- j) *Manufacture of rubber and other miscellaneous products made from rubber;*
- k) *Manufacture of products made from stone, glass, clay and concrete;*
- l) *Manufacture of textiles;*
- m) *Manufacture of transportation equipment;*

- n) Treatment of water;
- o) Manufacture of steel and iron;
- p) Construction, refurbishing or demolition of buildings or other structures.

The term does not include waste generated by the mining, oil or gas industries. (NAC 444.585)

010.350 MATERIALS RECOVERY FACILITY (MRF) means a solid waste management facility that provides for the extraction from solid waste of recyclable materials, materials suitable for use as a fuel or soil amendment, or any combination of those materials. The term does not include:

- A. A facility that receives only recyclable materials that have been separated at the source of waste generation if further processing of the materials generates less than 10% waste residue by weight on an annual average;
- B. A salvage yard for the recovery of motor vehicle parts;
- C. A facility that recovers less than 10% by weight of the recyclable material from the solid waste received on an annual average.

010.477 RECYCLABLE MATERIAL means solid waste that can be processed and returned to the economic mainstream in the form of raw materials or products including use as a feedstock in the generation of energy. "Recyclable material" includes, but is not limited to:

- A. Newspaper;
- B. Corrugated cardboard;
- C. Aluminum;
- D. Yard debris;
- E. Office paper;
- F. Glass;
- G. Tin and steel cans;
- H. Metal;
- I. Motor oil;
- J. Plastic;
- K. Antifreeze;
- L. Wood;
- M. Food Waste;
- N. Or other materials capable of being recycled because of new and current proven technologies in the area of recycling and solid waste management.

010.482 RECYCLING FACILITY means a facility designed and operated to receive, store, process or transfer recyclable material which has been separated at the source of generation from other solid waste.

010.484 RESIDENTIAL WASTE means solid waste generated from private residences to include, but not limited to, single family dwellings, multiple family dwellings, apartment complexes, condominiums, mobile home parks, or similar dwelling places.

010.486 REUSE means using an object or material again, either for its original purpose or for a similar purpose, without significantly altering the physical form of the object or material.

SECTION 062

MATERIALS RECOVERY FACILITIES and RECYCLING FACILITIES

062.100 PERMIT REQUIRED

- A.** No person shall operate a materials recovery facility or recycling facility within Washoe County without first obtaining a Permit to Operate from the Health Authority, in accordance with the provisions of this section of the regulations.
- B.** No person shall construct, modify or remodel an existing materials recovery facility, recycling facility or resource recovery facility without obtaining a Permit to Operate from the Health Authority, in accordance with the provisions of this section of these regulations.
- C.** Materials recovery facilities or recycling facilities that are operational prior to implementation of this regulation must obtain a Permit to Operate from the Health Authority within 180 days of the effective date of these regulations, but in no case later than January 1, 2011.
- D.** Permits issued in accordance with these regulations shall be valid for one year from the date of issuance and will be renewed annually provided the owner/operator demonstrates compliance with the conditions set forth in the permit.
- E.** Permits are not transferable.
- F.** A permit may be suspended or revoked for cause; such suspension or revocation may only occur after written notification of such action and all appeals hearings have been exhausted.

062.110 APPLICATION FOR PERMIT TO OPERATE; APPLICATION TO MODIFY

- A.** An application for a Permit to Operate must be submitted to the Health Authority for review and approval. The application must be submitted in writing and on forms provided by the Washoe County Health District prior to operating any materials recovery facility or recycling facility. The application must include the following:
 - 1. The name, physical address and telephone number of the facility.
 - 2. The names, addresses and other pertinent contact information for all owners of the proposed facility.
 - 3. The names, addresses and other pertinent contact information for any agents authorized to act on behalf of the owners.
 - 4. Copies of any business license, special use permit or similar registration documents required by other regulatory/ governmental agencies.

5. A copy of the lease, deed or certificate of ownership of the property on which the facility will be sited.
 6. An operational plan that meets the requirements set forth in Section 062.140 of these regulations.
 7. A design standard for the proposed facility that complies with Section 062.130 of these regulations.
 8. A plan for closure of the proposed facility that identifies the procedures required to close the facility and describes the manner in which the facility will comply with the provisions set forth in Section 062.170 of these regulations. The plan must include a detailed written estimate, in current dollars, of the cost to hire a person to close the facility in accordance with the plan.
 9. Proof of financial assurance that complies with Section 062.180 of these regulations.
 10. A list of the recyclable materials that are proposed and planned to be recovered or processed at the proposed facility.
 11. A description of the final use, or available markets, for the proposed and planned materials identified for recovery or processing.
 12. Any other information the Health Authority requires in order to evaluate the proposed operation of the facility.
- B.** A materials recovery facility or recycling facility that has been approved by the Health Authority may not modify any of the following elements of its approved operations plan or building design without obtaining prior approval from the Health Authority:
1. The storage or processing capacity of the facility; or
 2. The types of waste that a facility may accept; or
 3. The design or method of operation of the facility.
- C.** The application must be accompanied by a fee as authorized by the District Board of Health approved fee schedule.

062.120 CONSTRUCTION PLANS REQUIRED

- A.** No materials recovery facility or recycling facility may be constructed or modified unless plans for the design and construction have been submitted to the Health Authority for approval. Plans must:
1. Be prepared under the direction of, signed by and stamped by a professional engineer licensed in the State of Nevada; and
 2. Include a general location map that shows land use and zoning within a one mile radius of the proposed facility; and
 3. Include construction plans and specification for the proposed facility.
 4. If the facility is sited within an existing building; that building must be surveyed by a professional engineer licensed in the State of Nevada and

determined to both be a sound and suitable structure for the proposed operations.

- D. Plans must be drawn to scale of not more than 200 feet/ inch and must include contour intervals of not more than 5 feet.
- E. Plans must show access roads and traffic routing inside and around the proposed facility; this must include maximum expected traffic through put for an approved operational period.
- F. Plans must include provisions for control of surface water, run-on and run-off; any grading or engineering controls used to manage wastewater.
- G. Plans must include specifications for all structures to be used as part of the facility, to include, but not limited to, shelters, employee stations, waste handling areas, and any other appurtenances.
- H. Plans must include a list and specification for all equipment proposed for use at the site, such as loaders, scales, grinders, separators, etc.
- I. Plans must include provisions for controlling dust, odors, and noise.
- J. The plans must identify and quantify the type of waste material to be processed, sorted, transferred, handled or recovered at the proposed facility.
- K. The plans must include provisions to minimize the attraction of vectors and vermin to reduce the impact to public health and safety.
- L. The plans must define the population and jurisdictional or geographical areas that are proposed and planned to will be served by the proposed facility; and
- M. The plans must list the anticipated types, quantities and sources of solid waste that are proposed and planned to will be received by the proposed facility.

062.130 STANDARDS FOR DESIGN

A. A materials recovery facility or recycling facility must be constructed with:

1. Barriers and appurtenances necessary to control access to the facility;
2. A road that is constructed to provide access to the facility in all kinds of weather;
3. Appurtenances to control litter;
4. Provisions that screen the facility from the view of members of the general public; enclosure with a concrete or asphalt paved floor that contains drainage controls to control run-off and prevent run-on or the accumulation of standing water; and
5. In areas where solid wastes from the construction, refurbishment or demolition of buildings or other structures will be received, processed, or stored, a concrete or asphalt paved floor that contains drainage controls to control runoff and prevent runon or the accumulation of standing water.

B. A materials recovery facility or recycling facility that is open to the public must post signs that clearly indicate:

1. The owner and operator of the site;
2. The hours of operation;

3. The materials accepted and those that are excluded; and
4. Fees charged.

C. The design and location of the materials recovery facility or recycling facility must comply with all applicable local ordinances.

062.140 OPERATIONAL PLAN REQUIRED

A. The operational plan required by Section 062.110 A.6. must include the following information:

1. Provisions for traffic control, including ingress and egress, at the facility; and
2. The number of employees to be utilized at the site and their specific job descriptions; and
3. a list of the equipment and machinery that will be used at the facility; this includes fixed, as well as mobile equipment; and
4. the types and volumes of waste to be processed, sorted, recovered, handled, transferred at the site; and
5. procedures for detecting and excluding hazardous waste/ materials from material (waste) to be processed, sorted, recovered, handled, transferred at the site; and
6. procedures for quantifying the material that is to be processed, sorted, recovered, handled, transferred; this may include the use of scales or similar measuring devices; and
7. the maximum amount of time incoming material (waste) will be held prior to processing, sorting, recovery, handling or transferring; and
8. the operating hours/ days/ times; and
9. a contingency plan that describes actions to be taken during emergencies (natural or manmade) to manage the waste (material) and keep it from impacting environmental health and safety; and
10. provisions for dust and litter control; and
11. a detailed personnel training program; and
12. a complete inventory of the documentation to be maintained at this facility, including waste manifests, load checking logs, throughput data, etc.; and
13. any other information that is site specific and that may impact the operation of the facility; and
14. a description of the final use, or available markets, for the materials to be recovered, processed or recycled; and
15. for a materials recovery facility, provisions that permit such a facility to exclude certain materials as necessary for the operating requirements of any waste-to-energy facility that will receive materials from the materials recovery facility.

062.150 OPERATING STANDARDS

- A. Solid waste that is accepted by a materials recovery facility or recycling facility must be transferred to a site that has been issued a permit by a solid waste management authority or other local enforcement agency; or recovered for reuse or recycling or for use as a fuel or soil amendment.
- B. Unless the owner or operator is unable to do so because of an emergency, putrescible waste or solid waste that is mixed with putrescible waste must be removed from the materials recovery facility or recycling facility not more than 24 hours after acceptance at the facility, except where permitted with the approval of the Health Authority for a period not to exceed 72 hours after acceptance by the facility equipped with odor control technology.
- C. Non putrescible waste may not be stored at the facility for more than one (1) week. Not more than 3,000 cubic yards of solid waste may be stored at the facility at one time, unless otherwise approved by the solid waste management authority.
- D. Recovered materials may not be stored at the facility for more than one (1) year. At least 75 percent of the materials recovered at the facility must be sold and removed from the facility in a 12 month period. Any recovered materials stored for more than one (1) year must be considered waste and properly disposed at an approved solid waste disposal site.
- E. Solid waste or recovered materials may not be stored in piles which are more than 15 feet in height or have an area at the base which is more than 5,000 square feet. A distance of at least 12 feet must be maintained between adjacent piles of material or waste and at least 10 feet between any pile of material or waste and the boundary of the facility.
- F. The owner or operator of the materials recovery facility or recycling facility shall inspect the area around the facility daily and collect and properly dispose of all scattered paper and other lightweight debris.
- G. The facility must comply with other applicable sections of these regulations at they relate to storage, collection, transportation and disposal of solid waste.

062.160 OPERATING RECORDS

- A. The operator of the materials recovery facility or recycling facility shall maintain accurate operating records at the facility. The records must be furnished upon request to the solid waste management authority or made

available for inspection by the solid waste management authority during regular business hours of the facility. The records must include:

1. A daily record of the quantity of solid waste received, the quantity of solid waste transported to disposal sites and the name and location of each site. The quantity of recovered materials removed from the facility and the name and location of the facility that receives the recovered materials.
2. A daily record of all prohibited materials or wastes that have been rejected or excluded from the facility.
3. A daily record of all emergency or unusual events.
4. The owner or operator of a materials recovery facility or recycling facility must provide a written report to the solid waste management authority annually that includes the number of tons of material recycled for each type of recycled material for the preceding calendar year. The report must be submitted to the solid waste management authority no later than February 1 of each year.
5. The operator of the facility may request that certain information included in the records be classified as a trade secret. If the Health Authority determines that such information is a trade secret, it shall not disclose that information unless ordered to do so pursuant to a court order.

062.170 FINAL CLOSURE REQUIREMENTS

- A. A plan for final closure shall be required for all material recovery facilities or recycling facilities. The plan must include:
 1. A detailed written estimate, in current dollars, of the cost to hire a person to close the facility in accordance with the plan; and
 2. proof of financial assurance that complies with Section 062.180 of these regulations; and
 3. an outline of the procedures to be used to close the facility.
- B. The owner/ operator shall notify the Health Authority, in writing, at least 90 calendar days prior to the date the facility is expected to close. The facility may not accept any material (waste) after the expected closing date without first rescinding the notice to the Health Authority.
- C. The owner/ operator shall, within 30 calendar days of receiving the final shipment of material (waste), remove all remaining wastes, litter, recovered materials and inoperable equipment in accordance with the closure plan as set forth in Section 062.150 A. All putrescible material must be removed within 72 hours after receipt.

062.180 FINANCIAL ASSURANCE REQUIRED FOR CLOSURE

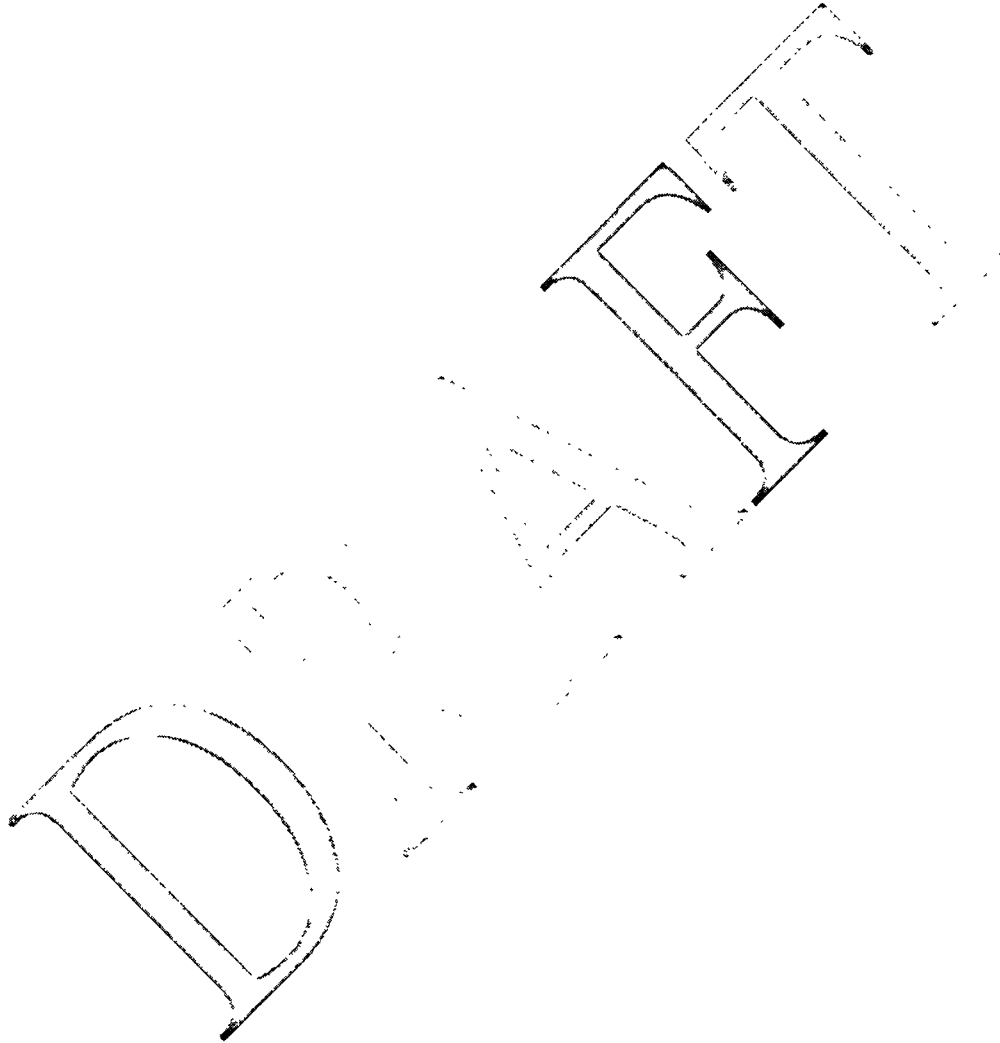
- A. The owner/operator of a material recovery facility or recycling facility shall obtain a surety bond, or any other mechanism of financial assurance approved by the Health Authority, to cover the cost to close the facility, including removal and proper disposal of the maximum inventory of waste, recovered materials or recyclable materials for which the facility is designed. The owner/operator shall provide financial assurance for the closure of the facility until the facility is closed and the Health Authority approves the closure.
- B. The surety bond must be issued by a corporation licensed to conduct business in this state and must include an indemnity agreement that guarantees payment to a trust fund or to the Health Authority.
- C. If payment is guaranteed to a trust fund, the trustee of the trust fund must be an entity which is authorized by the owner or operator of the facility to act as the trustee and whose trust operations are regulated and examined by a federal or state agency.
- D. The owner or operator or any other person who is authorized to conduct activities for the closure of the materials recovery facility or recycling facility may request reimbursement from the trustee for any cost incurred to close the referenced facility. The trustee may provide reimbursement for that cost only if there is sufficient money in the trust fund to pay the remaining costs to close the facility, and proof and justification of the cost is placed in the operating records of the materials recovery facility, resource recovery facility or recycling facility. The owner or operator shall notify the Health Authority that the proof and justification for the reimbursement of the cost was placed in the operating records of the facility and that he has received reimbursement.
- E. The owner or operator of the materials recovery facility, recycling facility or resource recovery facility shall annually review the estimate of the cost of closure upon which the bond or other mechanism of financial assurance is based and submit the estimate to the Health Authority for review and approval.

**062.190 COMPLIANCE WITH PLANS FOR DESIGN AND OPERATION;
SUSPENSION OR REVOCATION OF APPROVAL TO OPERATE**

- A. The materials recovery facility or recycling facility must comply with plans for design and operation of the facility approved by the Health Authority. A materials recovery facility or recycling facility must not:
 - 1. Contribute to the pollution of the air or waters of Washoe County;
 - 2. Cause an impairment of the environment;
 - 3. Cause a health or safety hazard to employees of the facility or the general public; or
 - 4. Cause a public nuisance.
- B. The Health Authority may suspend or revoke its approval to operate a materials recovery facility or recycling facility if the owner or operator of the facility fails to comply with the provisions of these regulations or other relevant state or federal solid waste management regulations.

062.200 DIVERSION OF SOLID WASTE TO A MATERIALS RECOVERY FACILITY

- A. Within five (5) years of the effective date of these regulations, at least 35% of the solid waste generated or disposed within Washoe County must be recycled or diverted from disposal at a municipal solid waste landfill unit. Solid waste that is recycled or diverted to meet the 35% mandate shall consist of commercial, residential and industrial solid wastes.



BUSINESS IMPACT STATEMENT

The following business impact statement was prepared pursuant to NRS 237.090 to address the proposed impact of additions, amendments and deletions to Sections 010 and 062 of the Regulations of the Washoe County District Board of Health Governing Solid Waste Management.

1. **The following constitutes a description of the manner in which comment was solicited from affected business, a summary of their response and an explanation of the manner in which other interested persons may obtain a copy of the summary. (List all trade association or owners and officers of businesses likely to be affected by the proposed rule that have been consulted.)**

Public workshops were held on March 23rd and 25th, 2010 to take comment on the proposed regulations. The workshops were held at varying times to accommodate the needs of those wishing to attend. Invitations were extended to solid waste industry representatives, both in writing and via telephone, to request feedback on the proposed regulatory language. Minutes were taken at these public workshops and the copies of the minutes can be made available upon request. In addition, the draft regulation was sent to all interested parties via email and comments were solicited in that manner. A list of those businesses and individuals provided with copies or notified of the regulation proposal is available upon request.

2. **The estimated economic effect of the proposed rule on the businesses which it is to regulate, including, without limitations, both adverse and beneficial effects, and both direct and indirect effects:**

Adverse effects: The only impact of the proposed regulations on existing businesses is the cost of upgrading existing facilities to meet the construction requirements for Materials Recovery Facilities. Existing facilities have been given until January 1, 2011 to comply. There are only two (2) facilities are currently permitted and neither will require extensive upgrades.

Beneficial effects: The proposed regulations establish standards for materials recovery facilities and recycling facilities. This ensures more environmental protections for new or existing facilities. Additionally, the proposed regulations mandate an increased recycling rate within the Health District. Increased recycling will extend the life of the regional landfill, as well as better utilize resources.

Direct effects: The direct effect of the proposed regulations is as outlined above.

Indirect effects: None.

- 3. The following constitutes a description of the methods that the Health District considered to reduce the impact of the proposed rule on businesses and a statement regarding whether any, and if so which, of these methods were used: (Include whether the following was considered: simplifying the proposed rule; establishing different standards of compliance for a business; and if applicable, modifying a fee or fine set forth in the rule so that a business could pay a lower fee or fine.)**

Staff from the Health District met with a number of business representatives regarding the proposed regulations. Whenever possible, their comments and concerns were considered in the regulatory draft. In one case, comments from an affected business suggested alternative language to require diversion of waste material to any Materials Recovery Facility that existed. Legal counsel for the Health District indicated that this was outside our authority and this language is not in the final draft. However, the input was considered.

- 4. Health District estimates that the annual cost to the District Health Department for enforcement of the proposed rule is:**

It is not possible to estimate the cost of enforcement of the proposed regulation. This is dependent on the number of new facilities that will be permitted under these regulations. In order to permit a new facility, staff must conduct a plan review, site evaluation, review operations plans, conduct routine inspections and review annual reports and analyses. At present, the number of permitted facilities is only two (2). Therefore, this will not result in a large additional cost to the Health Fund.

- 5. If applicable, provide the following: The proposed rule provides a new fee or increases an existing fee and the total annual amount the District Health Department expects to collect is:**

There is no new fee associated with these proposed regulations. The current permit fee for a recycling facility is \$88.00 and the plan review fee is \$268.00.

The money generated by the new fee or the increase in existing fees will be used by the District Health Department to:

Not applicable. There is no new fee associated with the proposed regulations.

- 6. If applicable, provide the following: The proposed rule includes provisions which duplicate or are more stringent than federal, state or local standards regulating the same activity. The following explains why such duplicative or more stringent provisions are necessary.**

The proposed regulations are very similar to regulations in the Nevada Administrative Code (NAC). Since the Health District is the Solid Waste Management Authority for Washoe County, it is incumbent upon the District Board of Health to adopt local solid waste regulations that are at least as stringent as the NAC. These regulations do not exceed the requirements outlined in NAC.

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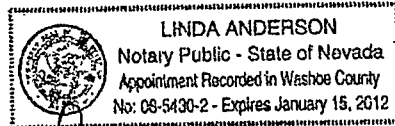
STATE OF NEVADA
COUNTY OF WASHOE

Being first duly sworn, deposes and says: That as the legal clerk of the Reno Gazette-Journal, a daily newspaper of general circulation published in Reno, Washoe County, State of Nevada, that the notice referenced below has published in each regular and entire issue of said newspaper between the dates: **05/17/2010 - 05/22/2010**, for exact publication dates please see last line of Proof of Publication below.

Signed: *Kaw H. Anderson*

MAY 24 2010

Subscribed and sworn to before me



Linda Anderson

Proof of Publication

NOTICE OF PUBLIC HEARING WASHOE COUNTY DISTRICT BOARD OF HEALTH
The Washoe County District Board of Health does hereby declare 1:00 p.m., June 24, 2010, at the Washoe County Health District, Conference Room B (1001 E. 9th Street, Reno, Nevada) as the time, date and place to consider Regulations of the Washoe County District Board of Health Governing Solid Waste Management. Interested persons who may be affected or wish to comment on any action being considered on the above date should appear at the public hearing to submit oral testimony or may address comments, data, views or arguments in written form to the Washoe County District Board of Health, P.O. Box 11130, Reno, Nevada 89520. Copies of the proposed regulations are available at the Washoe County Health District Office, Environmental Health Services Division, 1001 E. 9th Street, Reno, Nevada for inspection by any person. If you would like additional information, please contact Jeanne Rucker, 328-2423. Denis Humphreys, OD Chairman, Washoe County District Board of Health No. 699545 - May 17, 19, 22, 2010

SCANNED
MAY 27 2010



WASHOE COUNTY HEALTH DISTRICT

AIR QUALITY MANAGEMENT DIVISION



Public Health
Prevent. Promote. Protect.

DATE: June 24, 2010

TO: District Board of Health

FROM: Andrew Goodrich, Director, Air Quality Management Division

SUBJECT: Presentation: Air Quality Monitoring Update and presentation of the 1) Washoe County Air Quality Management Division 2009 Ambient Air Monitoring Network Plan, and 2) the Washoe County, Nevada Air Quality Trends 2000-2009 Report

Background

The U.S. Environmental Protection Agency (EPA) finalized amendments to the ambient air monitoring regulations on October 17, 2006. The amendments revised the technical requirements for ambient air monitoring sites and reduced certain monitoring requirements for criteria pollutants. It also required air quality management agencies to develop a monitoring network plan and submit it annually to EPA by July 1. This plan fulfills these requirements and summarizes the Air Quality Management Division's (AQMD) ambient air monitoring program activities completed in 2009 and proposed network modifications for 2010-2011. The plan has been available for public inspection at the AQMD website (www.washoecounty.us/health) since June 1, 2010. A hardcopy has also been available at the AQMD office. Public comments received through June 30, 2010 will be submitted along with this plan to EPA Region IX.

Every year the AQMD prepares a trends report of the previous year's ambient air quality monitoring data for record as submitted to the EPA's AQS database. This monitoring data reveals trends in ambient air pollution levels and the subsequent need for and/or success of AQMD implemented air quality control measures. The current document includes a summary of years 2000-2009 data. Information contained within this report is considered official and may be cited for use in documents by other agencies.

To reduce printing resources and expenses, the "Washoe County Air Quality Management Division 2009 Ambient Air Monitoring Network Plan" and the "Washoe County, Nevada Air Quality Trends 2000-2009 report" are not included in this staff report. The documents can be accessed from the "News & events" section of the AQMD website (www.washoecounty.us/health). Hard copies are available by contacting either Mr. Daniel Inouye (dinouye@washoecounty.us) or Lauri Mendoza (lmendoza@washoecounty.us).

DBOH AGENDA ITEM # 13. A. & B.

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Recommendation

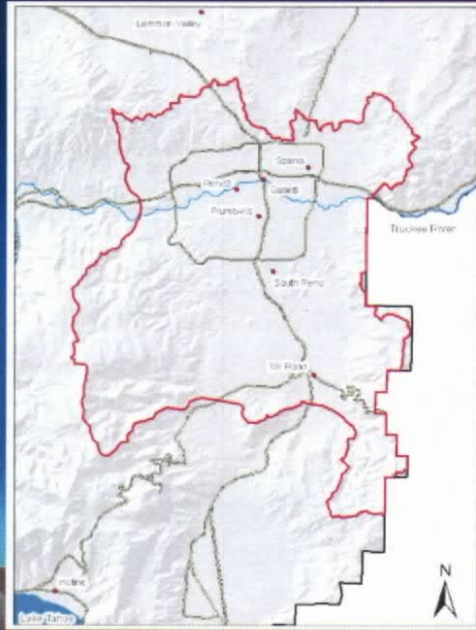
Air Quality Management Division Staff recommends that the District Board of Health accept and approve the "Washoe County Air Quality Management Division 2009 Ambient Air Monitoring Network Plan" and the Washoe County, Nevada Air Quality Trends 2000-2009 report".



Andrew Goodrich, REM
Director

AG/LM/DI

Washoe County AQMD Ambient Air Monitoring Sites



Reno3 Monitoring Station - Exterior



Parameters Measured

- Meteorology
 - WS, WD, Temp
- Particulate Matter
 - 2.5 Speciation and Carbon
 - 2.5, 10
 - Continuous and Manual

Quality Control

- Bi-weekly checks
- Monthly verifications
- Quarterly audits
- Maintenance

Reno3 Monitoring Station - Interior



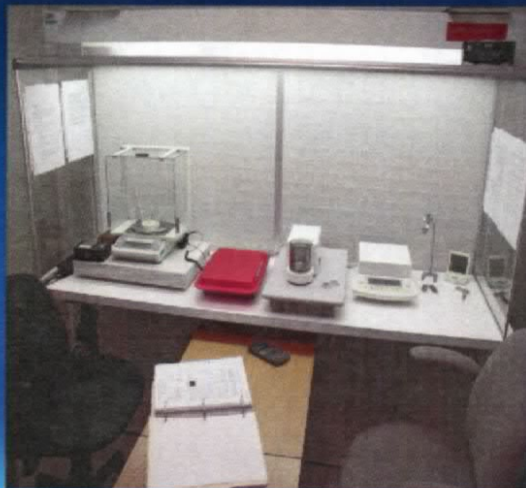
Parameters Measured

- Carbon Monoxide
- Ozone
- Nitrogen Dioxide
- Shelter Temperature

Quality Control

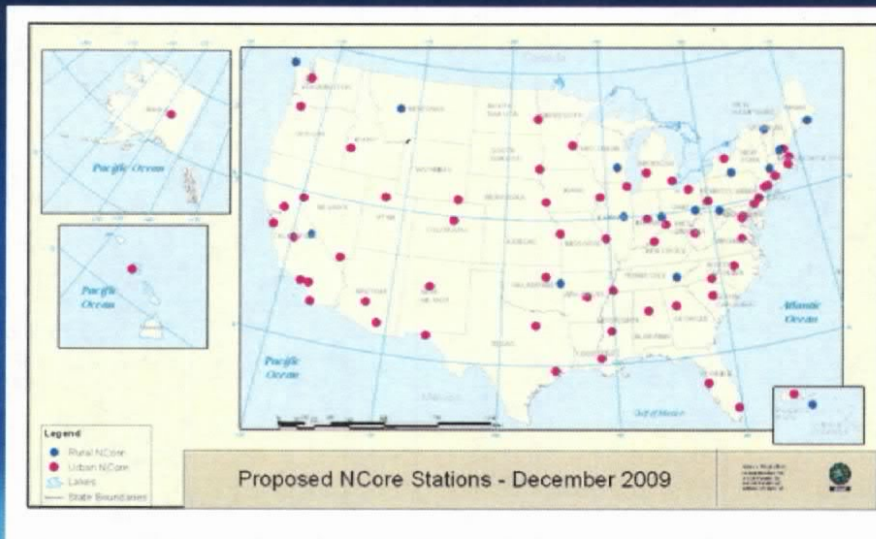
- Daily site visits
- Weekly instrument checks
- Bi-weekly calibration checks
- Quarterly audits

AQMD Laboratory



- Pre and post filter weighing
- Filter equilibration
- Filter preparation
- Filter QC checks
- Concentration calculations
- Maintenance

NCore - National Core multipollutant monitoring station



NCore Objectives

- Timely public reporting
- Emission strategy development
- Assessing effectiveness of emission reductions and trends
- Support science, health and ecosystem assessments
- Compliance with national standards

NCore – Parameters Measured



- Meteorology
 - WS, WD, Temp, RH, BP, Precip, SR
- Ozone
- Trace Carbon Monoxide
- Trace Nitrogen Oxides
 - NO_x, NO_y
- Trace Sulfur Dioxide
- Particulate Matter
 - 2.5 Speciation and Carbon
 - 2.5, 10, 10-2.5
 - Continuous and Manual

Questions?



Washoe County Air Quality Management 2009 Trends Report

Purpose

- The Trends Report Summarizes the data collected from the Air Quality monitoring sites in Washoe County.



Washoe County Air Quality Management 2009 Trends Report

Pollutants monitored

- Carbon Monoxide (CO)
- Ozone (O₃)
- Nitrogen Dioxide (NO₂)
- Particulate Matter (PM10 & PM2.5)



National Ambient Air Quality Standards

Pollutant	Averaging Time	Primary Standard	Secondary Standard
PM10	24-hour	150 $\mu\text{g}/\text{m}^3$	Same as primary
PM2.5	24-hour	35 $\mu\text{g}/\text{m}^3$	Same as primary
	Annual	15 $\mu\text{g}/\text{m}^3$	Same as primary
Ozone	8-hour	.075 ppm	Same as primary
CO	1-hour	35 ppm	None
	8-hour	9 ppm	None
Lead	Rolling 3-month average	0.15 $\mu\text{g}/\text{m}^3$	Same as primary
	Quarterly average	1.5 $\mu\text{g}/\text{m}^3$	Same as primary
Nitrogen Dioxide	Annual (Arithmetic Mean)	0.053 ppm	Same as primary
Sulfur Dioxide	24-hour	0.14 ppm	3-hour 0.5 ppm 3-hour 0.5 ppm
	Annual (Arithmetic Mean)	0.03 ppm	

Attainment Status

Pollutant	Geographic Area	Attainment Status
PM10 24-hour Avg	HA 87	Serious Non-Attainment
	Remainder of county	Attainment
PM2.5 24-hour Avg PM2.5 Annual Avg	HA 87	Attainment
	Remainder of county	Attainment
Ozone 8-hour Avg	Entire county	Attainment
CO 1-hour Avg CO 8-hour Avg		Moderate Non-Attainment
		Attainment
All other pollutants	All geographic areas	Attainment

2009 Annual AQI Report

Month	Good (0 - 50)	Moderate (51 - 100)	Unhealthy for sensitive groups (101 - 150)	Unhealthy (151 - 200)	Very Unhealthy (201 - 300)	Hazardous (301 & Above)
JAN	11	20	0	0	0	0
FEB	24	4	0	0	0	0
MAR	30	1	0	0	0	0
APR	23	7	0	0	0	0
MAY	25	6	0	0	0	0
JUN	22	8	0	0	0	0
JUL	23	8	0	0	0	0
AUG	18	13	0	0	0	0
SEP	27	3	0	0	0	0
OCT	31	0	0	0	0	0
NOV	20	10	0	0	0	0
DEC	9	12	8	2	0	0
Total	263	92	8	2	0	0

December 9, 2009



- "The coldest day of the year"
 - 19 degrees Fahrenheit was the recorded high
 - -6 degrees Fahrenheit was the recorded low
- Serious inversion episode begins
 - Air Quality Index reaches 100
 - Emergency Episode Plan Activated
- The highest PM2.5 concentrations for the year were recorded
 - Experienced 3 exceedances of the 24-hour PM2.5 NAAQS

Air Quality by Year & Classification

Year	Good (0 – 50)	Moderate (51 – 100)	Unhealthy for Sensitive Groups (101 – 150)	Unhealthy (151 – 200)	Very Unhealthy (201 – 300)
2000	238	128	0	0	0
2001	252	113	0	0	0
2002	238	127	0	0	0
2003	245	120	0	0	0
2004	244	122	0	0	0
2005	250	113	2	0	0
2006	307	58	0	0	0
2007	308	57	0	0	0
2008	237	108	11	9	1
2009	263	92	8	2	0



DBOH AGENDA ITEM NO. 15

Washoe County Health District

June 16, 2010

TO: District Board of Health Members

FROM: Mary A. Anderson, MD, MPH, FACPM,
District Health Officer

SUBJECT: Adjustment to Salary and Increase of Payment for Health Benefits

The members of the Board of County Commissioners have agreed to reduce their salaries and to contribute an additional amount to cover their health insurance premiums for FY11. The Commissioners requested that Washoe County Department Heads agree to a similar percentage of reduction in salary and the same increase in the contribution to the health insurance premium.

Per Section 4. Salary, Subsections B. and D. of my Employment Agreement, any adjustments made to my salary must be approved by the District Board of Health. In keeping with the spirit of cooperation for all to help in reducing the impact of the economic downturn, I request that the Board of Health approve an adjustment to both my salary and the amount of my insurance contribution that will be in accordance with the County's determination of the necessary adjustments for all County Department Heads.

Respectfully,

M. A. Anderson, MD, MPH, FACPM
District Health Officer

/jbs

DBOH AGENDA ITEM # 15.

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DISTRICT HEALTH DEPARTMENT

June 16, 2010

MEMORANDUM

To: Members, Washoe County District Board of Health

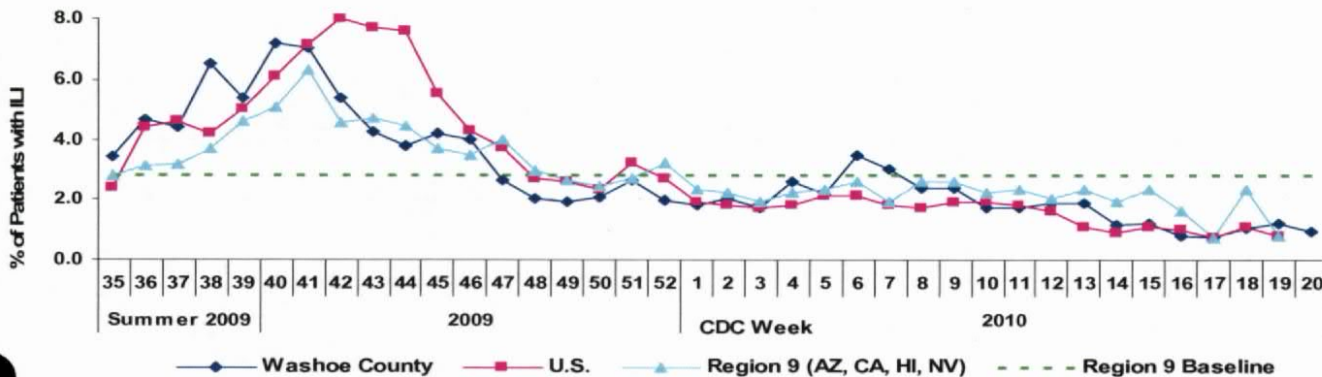
From: Randall L. Todd, DrPH
Epidemiology and Public Health Preparedness (EPHP) Director

Subject: Report to the District Board of Health, June 2010

Communicable Disease –

Influenza - For the week ending May 22 (week 20) seven of seven participating sentinel healthcare providers in Washoe County saw 38 patients presenting with influenza-like-illness (ILI) out of 4,126 total patients. This yields a total ILI percentage of 0.9%. This is below the regional baseline of 2.8%. By comparison the ILI percentage for U.S. sentinel providers during the previous week (19) was 0.8%. Regionally the ILI levels ranged from 0.3 to 1.5%. Laboratory surveillance continues to yield relatively few isolates that are positive for influenza.

Proportion of Patients Seen with ILI by Sentinel Physicians, Washoe County 2009-2010



Normally, influenza data is published weekly starting in the fall (week 40) and continuing through the spring (week 20). Last year the weekly reports continued throughout the summer due to the occurrence of a pandemic

strain (H1N1). The number of reported ILI cases was actually on the rise as we approached the “end” of the season last year. During this year’s traditional flu season we had the highest levels of ILI reported during the first two weeks. This was also highly unusual.

At this point a decision has been made to resume the normal practice of not publishing a weekly report through the summer. However, influenza surveillance will continue with the hospital-based providers submitting ILI reports. Overall, the H1N1 experience offered a number of valuable lessons with respect to pandemic preparedness. The H1N1 strain itself will be incorporated into next season’s influenza vaccine and we will have the opportunity to apply some of the lessons as we conduct a Point of Dispensing (POD) exercise using seasonal flu vaccine this fall.

Promotion – Melissa Peek was promoted from Public Health Investigator II to the position of Epidemiologist within the CD Program. Ms. Peek has been with the program for approximately five years. It is always a pleasure to see staff grow in their positions and acquire the skills necessary to merit promotion to higher levels of responsibility.

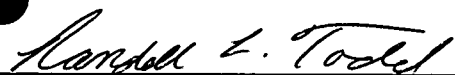
Conference – Dr. Lei Chen, Senior Epidemiologist attended the 2010 meeting of the Council of State and Territorial Epidemiologists in Portland, Oregon from June 6 – 10. During this conference Dr. Chen was able to gather relevant information on issues ranging from influenza surveillance to healthcare associated infections to foodborne illness outbreaks. All of these areas have direct applicability to issues faced locally in Washoe County.

Public Health Preparedness (PHP) Activities –

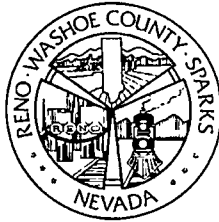
H1N1 - The PHP program has discontinued the organization of special H1N1 clinics. H1N1 vaccine is still available and is offered through the regular immunization clinic.

Debra Barone Appointment - The Nevada Commission on Homeland Security has approved additional funding in support of the Nevada Mass Fatality Management Initiative and has created the Nevada Mortuary Operations Response Team (NMORT). A member of the Washoe County PHP staff, Debra Barone, has been appointed by the Governor to serve on this team. In this capacity Ms. Barone will join other state, local, tribal, and non-governmental subject matter experts to help further develop and refine existing mass fatality management plans, develop statewide response teams, equip and deploy Disaster Portable Morgue Units, gather input from stakeholders, and develop Family Assistance Centers in compliance with state and national standards.

Conference – Dr. Randall Todd, EPHP Director, attended the 2010 WebEOC Users’ Conference in Augusta, Georgia from May 17-21. This provided an excellent opportunity to take advanced classes in the use of WebEOC and to learn from other jurisdictions about ways to enhance our use of the product. WebEOC is a web-based crisis information management system that enables staff to document responses and maintain situational awareness.



Randall L. Todd, DrPH, Epidemiology and Public Health Preparedness Director



Washoe County Health District

June 7th, 2010

TO: District Board of Health Members

FROM: Mary-Ann Brown, R.N., M.S.N. *MAB*
Division Director, Community and Clinical Health Services

SUBJECT: Report for December 2009 District Board of Health Meeting
1. Washoe County Teen Pregnancy Rate
2. Washoe County Apartment Tenants Smoking Study and Brochure

1. Washoe County Teen Pregnancy Rates

The following teen pregnancy data and rates were prepared at the request of Board of Health.

Nevada State Health Division Teen Pregnancy Rates for Nevada and Washoe County

Teen (15-19 yrs old) Pregnancy Rates by Place of Residence, Nevada Residents, 2006-Preliminary 2008*

*Rates for 2008 are not final and are subject to changes.

Place of Residence	2006	2007	2008*
Washoe County	60.6	58.1	58.0
Nevada Total	66.5	63.8	61.2

Note: Teen Pregnancy rates include birth, fetal death and abortion counts.

Note: Fetal deaths are 20+ weeks of estimated gestation.

Note: Does not include miscarriages or any fetal deaths which are 20 or less weeks gestation

Note: Abortion counts are based only on cases reported to the Nevada State Health Division.

DBOH AGENDA ITEM # 16.B.

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Note: Rates are per 1,000 age-specific female population.

Note: Rates were not adjusted for cases where age was listed as unknown.

Population data was provided by the Nevada State Demographer. Data for 2006-2008 are interim.

The grid below provides an overview of the adolescent female population, state pregnancy data and percentage of births per age range.

Prepared by biostatistician Sharon Clodfelter with the Epidemiology and Public Health Preparedness Division

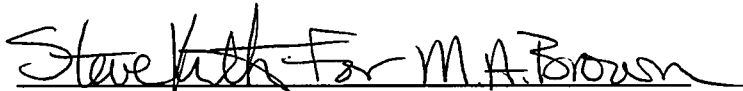
	2006	2007	2008	2009
# Washoe County teens female 15-19	14657	14978	15185	14927
State Health pregnancy/1,000	60.6	58.1	58	
# pregnancies using State Health Division Pregnancy rate/1,000	888.2142	870.2218	880.73	
# Births to Teens 14 and under	2	18	14	10
# Births to Teens 15-19	638	654	651	632
% of female teens 15-19 who gave birth	4.35%	4.37%	4.29%	4.23%
% females teens 19 and under who gave birth	4.37%	4.49%	4.38%	4.30%

The Guttmacher Institute's Report on Nevada's Teen Pregnancy Rate

The Guttmacher Institute reports Nevada's teen pregnancy rate as 90 per 1000 for girls 15-19 years of age. This information is available in the report entitled *U.S. Teenage Pregnancies, Births and Abortions: National and State Trends and Trends by Rate and Ethnicity*. The data was used by the National Campaign to Prevent Teen Pregnancy and Unplanned Pregnancy to rank the states against each other (Report Attached). This report ranks Nevada as second in the nation. The Guttmacher report cannot be directly compared with the teen pregnancy data provided by the Nevada State Health Division. Guttmacher calculations use established estimates for both miscarriages and abortions. While the state of Nevada uses actual abortion counts and no miscarriages. Guttmacher's estimates of abortions and miscarriages are used in an attempt to adjust for under-reporting of abortions and non-reporting of miscarriages. Therefore a direct comparison between the data sets is not possible.

2. Washoe County Apartment Tenants Smoking Study and Brochure

CCHS Chronic Disease Program staff recently conducted a survey of apartment tenants asking about their opinions on smoking. Most Washoe County apartment tenants say they prefer living in smoke-free buildings and support managers who adopt voluntary smoke-free policies for at least one building. A brochure was created that reports on the results of the survey and provides information and resources on how apartments can adopt a smoke-free policy. The survey results and report was released to the community in a press release on June 10, 2010. The brochure is attached.



Mary-Ann Brown, RN, MSN

Division Director

Community and Clinical Health Services



Teen Pregnancy Rates in the United States

JANUARY 2010

Teen Pregnancy Rates per 1,000 Girls Aged 15-19, 2005

<u>State</u>	<u>Rate</u>	<u>Rank</u>	<u>State</u>	<u>Rate</u>	<u>Rank</u>
New Mexico	93	1	Ohio	62	28
Nevada	90	2	West Virginia	62	29
Arizona	89	3	Virginia	61	30
Texas	88	4	Alaska	61	31
Mississippi	85	5	Michigan	60	32
Delaware	83	6	Kansas	60	33
Arkansas	80	7	Washington	59	34
Georgia	80	8	Oregon	57	35
Tennessee	79	9	Connecticut	57	36
South Carolina	79	10	Montana	56	37
New York	77	11	Idaho	55	38
Florida	77	12	Pennsylvania	53	39
Oklahoma	76	13	South Dakota	51	40
North Carolina	76	14	Iowa	51	41
California	75	15	Nebraska	50	42
Alabama	73	16	Massachusetts	49	43
Hawaii	71	17	Wisconsin	47	44
Louisiana	70	18	Utah	47	45
Colorado	69	19	North Dakota	45	46
New Jersey	68	20	Minnesota	43	47
Illinois	67	21	Maine	43	48
Kentucky	66	22	Vermont	40	49
Maryland	65	23	New Hampshire	33	50
Wyoming	65	24			
Missouri	63	25	District of Columbia	165	
Indiana	62	26			
Rhode Island	62	27	United States	70	



SMOKE-FREE IS PROFITABLE:
Washoe County Apartment Tenants
Prefer Smoke-Free Buildings



GetHealthyWashoe.com

Washoe County



Health District

CHRONIC DISEASE PREVENTION PROGRAM
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GetHealthyWashoe.com



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TIPS FOR ADOPTING A SMOKE-FREE POLICY

When adopting a smoke-free voluntary policy, consider the following:

- Determine the details of the smoke-free policy, including what consequences to enforce if a tenant breaks it.
- Consult with an attorney to clarify whether changes need to be made to the language within existing lease agreements.
- Educate both current and prospective tenants about the new policy to spread awareness and increase the likelihood it will be followed.
- Take advantage of the increasing demand for smoke-free apartments by advertising your smoke-free buildings through a variety of mediums, including GetHealthyWashoe.com, a website that lists these properties online free of charge.
- Contact the Washoe County Health District at 775-328-2442 to receive technical assistance.

For more information on adopting a smoke-free policy visit the following websites:

- <http://GetHealthyWashoe.com>: A local resource for apartment managers, landlords, and owners considering adopting a smoke-free apartment policy.
- <http://www.smokefreeapartments.org>: A national smoke-free apartment registry.
- <http://www.tcsg.org/sfelp/UnitsDec2007.pdf>: The December 2007 issue of the National Apartment Association's publication UNITS, which addresses trends toward smoke-free housing.

REFERENCES

1. American Cancer Society (2009). *Secondhand Smoke*. http://www.cancer.org/docroot/PED/content/PED_10_2X_Secondhand_Smoke_Clean_Indoor_Air.asp
2. U.S. Department of Health and Human Services (2006). *The Health Consequences of Involuntary Exposure to Tobacco Smoke: A Report of the Surgeon General*.
3. American Society of Heating, Refrigerating and Air-Conditioning Engineers (2008). *ASHRAEs Position Document on Environmental Tobacco Smoke*. http://www.ashrae.org/docLib/20090120_POS.ETS.pdf
4. Smoke Free Environments Law Project (2009). *Save Money, Save Your Building*. <http://www.mismokefreeapartment.org/110save.html>

Most Washoe County apartment tenants prefer to live in a smoke-free building according to a new county-wide survey.

DISCUSSION

Results from this survey illustrate the high demand for smoke-free apartment options in Washoe County. By adopting a smoke-free policy for just one building, an apartment property can improve its marketability, and increase tenant satisfaction and retention. Adopting a smoke-free policy for one or more buildings can also reduce maintenance costs. Landlords, managers and owners who have adopted such policies report reductions in cleaning and re-painting costs when tenants move out, improved resale value of the property and a decrease in insurance premiums.⁴ A smoke-free policy can also lower the chance of smoking-related fires, which could reduce costs associated with fires and fire fatalities.

This survey has two primary limitations: 1) The list from which the random sample was drawn was limited to registered voters in Washoe County. By excluding tenants not registered to vote in Washoe County, the results do not completely represent all local tenants. 2) The survey is also based on self-reported answers, in which case respondents may forget or alter answers to be seen in a socially desirable manner.

TABLE OF CONTENTS

Background	2
Demographics	3
Methods	4
Results	4 - 7
Discussion	8
Tips for Adopting a Smoke-Free Policy	9
References	9

SMOKE-FREE IS PROFITABLE:

WASHOE COUNTY APARTMENT TENANTS PREFER SMOKE-FREE BUILDINGS

In today's increasingly competitive housing market, apartment property managers, landlords, and owners need to bring more than just lower rent to the table. Adopting a smoke-free policy has the potential to give a property that competitive edge.

According to a recent county-wide survey, most Washoe County apartment tenants say they prefer living in smoke-free buildings, and support managers who adopt voluntary smoke-free policies for at least one building. As this report will demonstrate, the value of living in smoke-free environments is increasing.



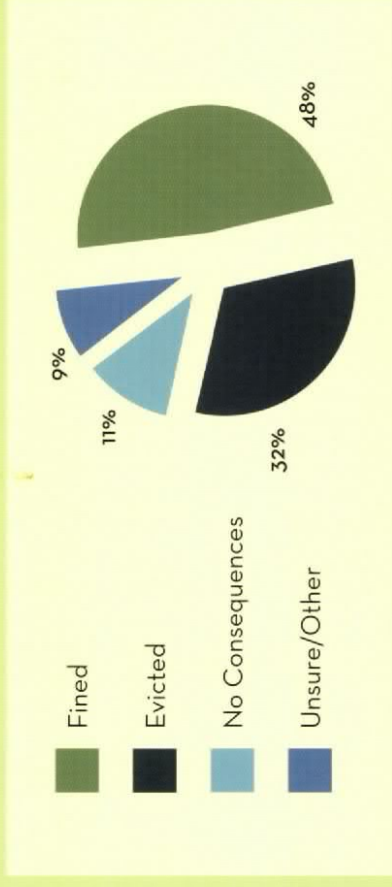
BACKGROUND

Secondhand smoke is a combination of smoke from a burning end of a cigarette and the smoke exhaled by a smoker.¹ It contains numerous harmful chemicals, and exposure to these chemicals is a serious health hazard. According to the Surgeon General (2006)² there is no risk-free level humans can safely be exposed to.

Further, secondhand smoke does not respect boundaries. It seeps through light fixtures, ceiling crawl spaces, and doorways into all areas of a building in which a person smokes. Secondhand smoke cannot be controlled by ventilation, air cleaning or the separation of smokers from non-smokers.³ The only solution is to make buildings smoke-free.

As awareness about this health hazard has grown, so has the demand for smoke-free environments in Washoe County, as demonstrated by voters passing the Nevada Clean Indoor Air Act in 2006. Since then, residents have indicated interest in other smoke-free environments not covered by the law, including apartment buildings. To determine the extent of this demand in Washoe County, the Washoe County Health District through a Centers for Disease Control and Prevention sub-grant from the State of Nevada, hired Goodwin Simon Strategic Research to survey apartment tenants.

Figure 5. Tenants' Recommendations for Consequences to a Tenant if there is Evidence of Smoking Inside a Smoke-Free Unit



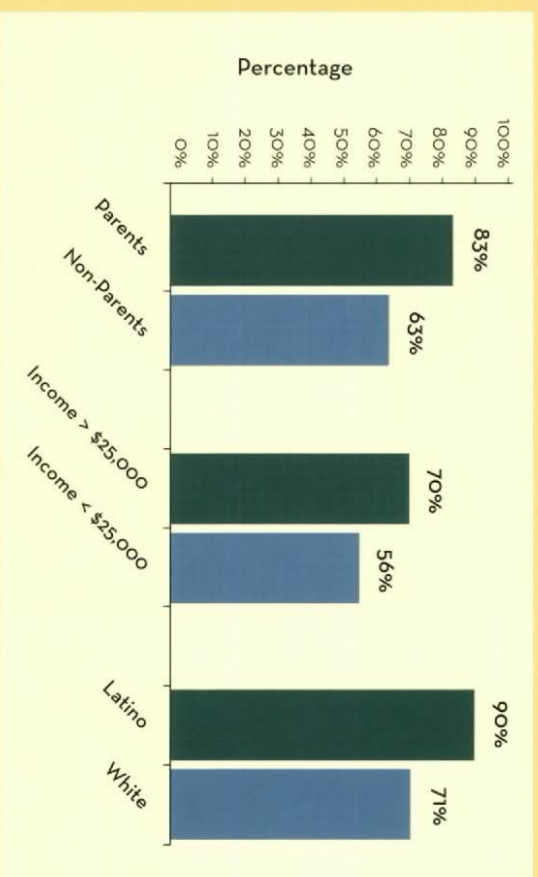
The majority of tenants, including some smokers, say they prefer living in smoke-free apartments.

Table 2: Tenants' Preference for Living in a Smoke-Free Building (n = 302)

	#	%
Favor having smoke-free buildings in their own apartment complex.	220	73
Prefer to live in a non-smoking building compared with a building in which smoking is allowed.	212	70
Would find the opportunity to live in a non-smoking building to be appealing if they were looking for a new apartment.	207	69
Currently do not allow smoking in their unit.	214	71
Tenants who are smokers that would prefer to live in a non-smoking building.	12	15

Noticeable differences arose between sub-populations of tenants in terms of favoring smoke-free policies in apartment buildings.

Figure 4. A Group Comparison of Tenants that Favor Smoke-Free Apartments

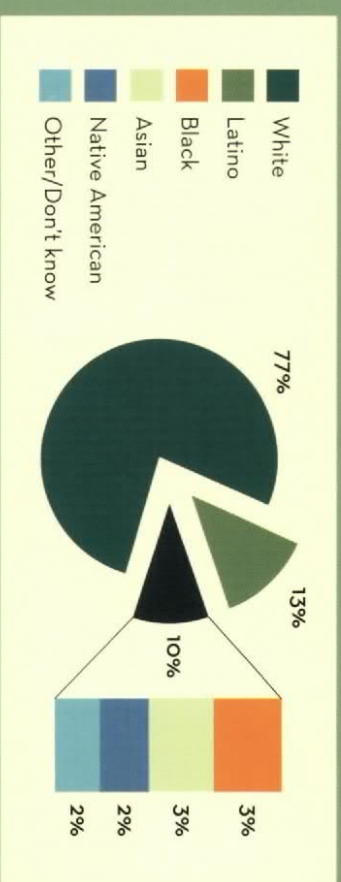


Respondents were also asked what the consequences should be for a tenant who has signed a lease specifying smoking is not permitted in his or her unit, yet there is evidence of smoking in that unit by a tenant or guest. Most tenants surveyed indicated a monetary fine was the appropriate punishment.

DEMOGRAPHICS

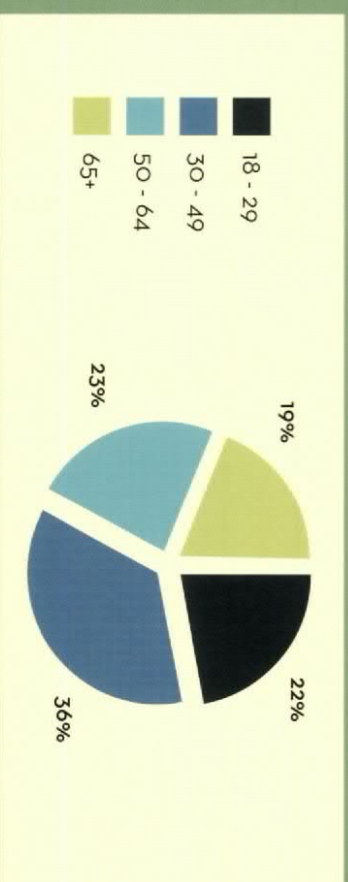
Participants categorized as White and Latino compose the majority of tenants surveyed in this study.

Figure 1. Washoe County Apartment Tenants: Respondents' Race by Percentage



The age of respondents is distributed fairly evenly.

Figure 2. Washoe County Apartment Tenants: Respondents' Years of Age by Percentage



The survey also found that:

- Twenty-five percent of respondents have at least one child aged 17 years or younger living in the household.
- The mean and median number of people living in the household is two.
- More than half the tenants report a household income below \$35,000.
- Respondents tend to live in large apartment complexes with a mean of 16 buildings and a median of 10.

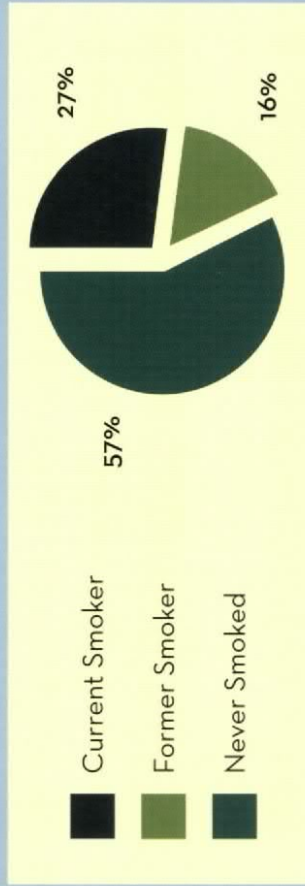
METHODS

This survey was conducted via telephone due to the method's cost-effectiveness. Respondents were randomly selected from a list of adult apartment tenants registered to vote who had a listed telephone number on the official county voter file. Both cell phones and land lines were included on this list. Interviews were conducted between March 25, 2009 and April 6, 2009, on weekday and weekend days and evenings. A total of 302 adult apartment residents were surveyed in English or Spanish. The margin of error for these results is plus or minus 5.6 percent at a 95 percent confidence level.

RESULTS

Nearly three quarters of apartment tenants indicated they do not smoke tobacco. Of the non-smoking respondents, 57 percent noted they have never smoked at all, while 16 percent reported they have quit.

Figure 3. Smoking Behaviors Among Tenants

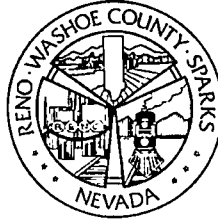


Over a third of surveyed tenants reported they have been personally bothered by secondhand smoke where they live.

Table 1: Tenants' Experiences with Secondhand Smoke in a Unit (n = 302)

	#	%
Have been bothered by secondhand smoke drifting into their unit.	109	36
Have had a conflict or argument with a neighbor about secondhand smoke drifting into their unit.	33	11
Have been concerned that second-hand smoke is "harmful to people exposed to it."	254	84





Washoe County Health District

ENVIRONMENTAL HEALTH SERVICES DIVISION

DATE: June 17, 2010
TO: District Board of Health Members
FROM: Robert O. Sack, Division Director of E.H.S.
SUBJECT: Division Director's Report – Environmental Health Services
AGENDA ITEM NO. 16.C.

VECTOR-BORNE DISEASES PREVENTION PROGRAM

We will be providing you a report updating the District Board of Health as to issues regarding funding and service levels of the program. You will receive this before the meeting occurs.

BUTCHER BOY UPDATE

On Monday, June 7, 2010, we received the first of several complaints regarding a freezer full of meat outside the now closed Butcher Boy store. The complaints said the power was off and the meat rotting. In the middle of the week we were able to verify there was a problem with something rotting inside the outside freezer unit. One of the complainants indicated that the power had been off for two weeks and that there were five boxes of game meat inside. The unit was locked and we were unable to verify what was inside.

The business is in bankruptcy. This has made determining who is responsible very difficult. After determining who all the involved parties are we issued several Notices of Violation to try to get someone to clean up whatever was rotting in the unit. All parties involved said they could not take care of the problem. On Friday, June 11, 2010, we determined that the key to the freezer unit was in possession of a bankruptcy trustee. He agreed to open the door to the unit. Friday afternoon we were able to access the unit and determine that there were ~50 boxes of rotting meat (domestic and game), deer heads, and hides in the unit. There were many maggots and flies inside, and a very strong odor. The trustee still indicated he could not do anything about it. We closed and locked the unit.

After several discussions with the District Attorney's office over the next few days we ultimately ended up making a decision in the interest of Public Health to remove the rotting meat and bill the responsible party for the cost. In addition we had staff from the Vector-Borne Diseases Prevention Program do fly control in the area.

We hired a contractor, H2O Environmental, to perform the cleanup work. The trustee provided us with the key and we had the work done beginning on Wednesday June 16. Department of Wildlife

Agenda Item No. 17.C.

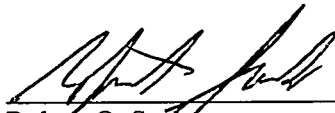
June 17, 2010

Page Two

Officials were present at the time of removal because of the presence of game animals. The meat was disposed of at the Lockwood Landfill.

Further research and investigation is being performed to determine who is legally responsible and whether or not any enforcement action is to be taken.

The response to this situation included multiple programs in the Division. The investigation was performed by staff of the Food Program with direct support from the Waste Management and Vector-Borne Diseases Prevention Programs. In addition, staff from Administrative Health Services Division and the Health Officer were directly involved.



Robert O. Sack

Division Director

Environmental Health Services Division

ROS:sn

Vector-Borne Diseases Prevention Program Funding and Service Levels

At the request of the District Board of Health, Staff has prepared the following report regarding the funding of the Vector-Borne Diseases Prevention Program. This report should provide clarity concerning budget reductions and corresponding service level reductions.

Historical Perspective

Prior to 2004, the Program was funded at a base level. During the fiscal year, additional funding would be requested and approved from the County through the augmentation process.

In 2003 with the appearance of West Nile Virus in Nevada and surrounding states, the Washoe County Commissioners decided to dedicate a portion of property taxes to help fund vector control activities. The Commissioners' action was supported by an advisory vote of the people in 2004. The fund became known as the Vector ½ Cent Property Tax Fund (Vector Tax). The Commissioners authorized the Health District to expend up to \$350,000 each year from this fund with the approval of the County Finance Manager.

Disease Control

Due to the impact of West Nile Virus coming to our area in 2004, the Health District changed the focus of our mosquito control program from nuisance abatement to disease prevention and control. Beginning in 2004, the Health District funded vector activities out of two (2) sources: Vector-Borne Disease (172100) and the Vector ½ Cent Property Tax (172101). Each year the Health District has utilized both funding sources to prevent and minimize disease outbreaks.

Among the activities funded are small construction projects that eliminate chronic sources of mosquitoes and general use of larvicide to minimize the numbers of mosquitoes. When the Health District has a confirmed presence of disease in mosquitoes or humans, we respond with targeted and aggressive actions to reduce mosquitoes.

The Health District has expended the base budget and varying portions of the ½ Cent Property Tax annually. Last year we did not detect any disease in Washoe County; however, we still utilized approximately \$108,000 of the Vector ½ Cent Property Tax money. Over the years the Health District has used an average of approximately \$105,000 annually in addition to the base budget. Since 2004, Washoe County has fully funded both portions of the Vector budget request. The additional money has allowed the Health District to be proactive in disease prevention through mosquito abatement.

The proposed budget for FY 11 included funding requests utilizing both funds. During the budget process the County Commissioners redirected the Vector ½ Cent Property Tax, with the understanding that should an emergency arise, which exhausted base funding, an augmentation would be favorably considered. Staff reiterated that if \$105,000 of the \$350,000 remained in the enhancement budget we could maintain services at FY 10 levels of prevention activities.

During the FY 11 Budget Presentation to both the District Board of Health and the Board of County Commissioners, the District Health Officer highlighted the uncertainty of receiving the Vector Control enhancement funds (172101).

FY11 Disease Control

For FY11 the Vector base budget was fully funded as requested. The enhancement budget (172101) was not funded. Effective July 1, 2010, Staff will no longer be performing projects to eliminate small chronic sources of mosquitoes and we will be reducing our aerial application flights from ten (10) to six (6). Our aerial flights are now going to be every two (2) weeks early in the season to limit the compounding effects of multiple generations of adult mosquitoes. In mid-summer, we will go to a schedule of one (1) aerial application per month. It is the consensus of Staff that this will be the best strategy for disease prevention with the available budget.

Staff will keep the District Board of Health and Board of County Commissioners apprised of emerging vector issues that may trigger the need to request a budget augmentation.

**Vector-Borne Diseases Program
"Vector Tax" Historical Timeline /Activities**

1999

- Background data collected including *Forecast of Population Growth and Base Budgets, Comparisons of Various Vector Control Agencies, Relative Accomplishments of 13 Basic Tasks in Vector Control, Nationwide Survey of Program Elements*
- Public Meetings / Presentations – concerned citizens, local businessmen, Professional Golfers Association, medical professionals, formed the Vector Task Force

2000

- Vector Task Force developed the *Resolution In Support Of A Stable Base Budget And Increase In Staffing For Vector Control In Washoe County*
- Presentation of the resolution before each Citizen Advisory Board (CAB)
- Each CAB adopted the resolution and provided letters of support to the Board of County Commissioners (BCC)
- District Board of Health adopted the resolution and asked for BCC consideration

2001

- Vector Task Force presented two workshops before the BCC – base budget for Vector-Borne Diseases Program increased
- BCC asked to consider the formation of a *General Improvement District* for mosquito abatement (NRS Chapter 318)

2002

- Under NRS Chapter 318 establishment of a General Improvement District requires unanimous vote by BCC
- "Straw Ballot" of BCC indicated no unanimous support

2003

- Public Hearing on final budget FY 2003/2004 – Commissioner Galloway moved that a property tax be levied for the purpose of vector control. BCC rules require a super majority or four affirmative votes for passage. Commissioner Galloway moved to suspend the BCC rules for tax levy. Measure passed.

2004

- One-half cent property tax reconsidered by BCC on a motion by Commissioner Humke
- Motion by Commissioner Galloway to place the property tax measure on the ballot at the general election. Motion passed 3 to 2 with Chairman Humke and Commissioner Weber voting "no". Property tax measure listed on the general election ballot as Washoe Advisory Ballot Question No. 1
- Washoe County Registrar of Voters Daniel Burk appointed Carl Cahill, Bob Sack, and Scott Monsen as the committee tasked to prepare the arguments for and rebuttal pertaining to the question as it appeared on the ballot
- Washoe Advisory Ballot Question No. 1 passed with 80,477 (55.17%) yes votes

- BCC charged the Director of the Finance Department with administration of the fund and approval up to \$350,000.
- Any amount greater than \$350,00 would require approval by the BCC.

Vector Control Expenditures
Actual FY 09 - FY 05
June 23, 2010

	Base	Enhancement		
FY 2010-ETC	172100	172101	Combined	# of Flights
Flights	\$ 60,000	\$ 16,025	\$ 76,025	
Chemical	\$ 360,951	\$ -	\$ 360,951	
Total	\$ 420,951	\$ 16,025	\$ 436,976	9
FY 2009	172100	172101	Combined	# of Flights
Flights	\$ 59,755	\$ 25,005	\$ 84,760	
Chemical	\$ 361,579	\$ -	\$ 361,579	
Total	\$ 421,334	\$ 25,005	\$ 446,339	10
FY 2008	172100	172101	Combined	# of Flights
Flights	\$ 60,245	\$ 6,000	\$ 66,245	
Chemical	\$ 294,635	\$ -	\$ 294,635	
Total	\$ 354,880	\$ 6,000	\$ 360,880	10
FY 2007	172100	172101	Combined	# of Flights
Flights	\$ 48,805	\$ -	\$ 48,805	
Chemical	\$ 364,065	\$ 71,990	\$ 436,055	
Total	\$ 412,870	\$ 71,990	\$ 484,860	9
FY 2006	172100	172101	Combined	# of Flights
Flights	\$ 59,250	\$ -	\$ 59,250	
Chemical	\$ 359,065	\$ 83,565	\$ 442,630	
Total	\$ 418,315	\$ 83,565	\$ 501,880	9
FY 2005	172100	172101	Combined	# of Flights
Flights	\$ 44,800	\$ 21,000	\$ 65,800	
Chemical	\$ 361,635	\$ 112,536	\$ 474,171	
Total	\$ 406,435	\$ 133,536	\$ 539,971	10

NOTE:

An unpaid helicopter invoice was recently paid, but not requested as part of the Finance memo. The expenditure (\$7,425) will be requested for the closeout request, thus the ETC for 172101 reflects the original \$8,600 plus \$7,425 for a total of \$16,025.




WASHOE COUNTY HEALTH DISTRICT

AIR QUALITY MANAGEMENT DIVISION



Public Health
Prevent. Promote. Protect.

Date: June 24, 2010
To: District Board of Health
From: Andrew Goodrich, Director, Air Quality Management 
Re: Monthly Report for Air Quality Management
Agenda Item: 16.D.

The enclosed Air Quality Management Division Report is for the month of May, 2010 and includes the following sections:

**Air Quality
Monitoring Activity
Planning Activity
Permitting Activity
Compliance/Inspection Activity
Enforcement Activity
Public Information
Air Quality Management Division Open House
2009 Ambient Air Monitoring Network Plan and
Nevada Air Quality Trends 2000-2009 Report**

DBOH AGENDA ITEM NO. 16.D.

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Director's Report

May 2010

June 2010

At this month's District Board of Health meeting staff will give a presentation on the Division's air monitoring activities, including the annual network review plan and an air quality trends report. Ambient monitoring is the foundation for everything we do in the Division. Like all good management processes the first step is measurement, next is the development of plans, then implement actions, and finally measure again to ensure progress towards the goals. Our monitoring program provides that critical measurement for which virtually all air quality related decisions are based.

In addition to the eight (8) monitoring stations fully equipped with sophisticated instrumentation to measure regulated pollutants, the Division also maintains and operates: special meteorological sites, a speciation trends site, an NCore site, a Rad-net site, and special purpose monitors.

An incredible amount of work is needed to keep this network operational and meeting all required standards. The Division, with minimal staff resources, does an outstanding job passing every quality assurance and control audit and review. I would place our monitoring program against any in the nation and I know the District's would come out on top. The Health District should be very proud of its ambient air quality monitoring program.

Andy Goodrich, Director

AIR QUALITY COMPARISON FOR MAY

Air Quality Index Range	# OF DAYS MAY 2010	# OF DAYS MAY 2009
GOOD 0 to 50	29	28
MODERATE 51 to 100	2	3
UNHEALTHY FOR SENSITIVE GROUPS 101 to 150	0	0
UNHEALTHY 151 to 200	0	0
VERY UNHEALTHY 201 to 300	0	0
TOTAL	31	31

Air Quality

HIGHEST AQI NUMBER BY POLLUTANT

POLLUTANT	MAY 2010	Highest for 2010	MAY 2009	Highest for 2009
CARBON MONOXIDE (CO)	9	29	8	37
OZONE 8 hour (O3)	58	58	61	93
PARTICULATES (PM _{2.5})	32	112	23	149
PARTICULATES (PM ₁₀)	48	83	31	94

For the month of May, there were no exceedances of Carbon Monoxide, Particulate Matter or Ozone standards at any of the monitoring stations. The highest Air Quality Index (AQI) value reported for the month of May was fifty-eight (58) for 8-hour Ozone. There were twenty-nine (29) days in the month of May where the Air Quality was in the good range and two (2) days the Air Quality fell into the moderate range.

Duane Sikorski, Air Quality Supervisor

Monitoring Activity

Daily monitoring operational, quality assurance and data submission activities continued throughout the month.

Work was completed on the Network Monitoring Plan, which is currently out for 30-day public review period, and has begun on the 5-year Network Assessment Plan which, at a minimum, determines if the network meets the monitoring objectives defined in 40 CFR 58.10 Appendix D, whether new sites are needed, whether existing sites are no longer needed and can be terminated, and where new technologies are appropriate for incorporation in the ambient air monitoring network. Both plans are due to EPA by mid-year.

A variety of AQI forecasting procedures are being researched in order to aid in providing more timely and accurate AQI reports to the general public beginning with the upcoming ozone/wildfire season and the Residential Wood Combustion program starting this fall. Additionally, a more real-time and interactive notification program is in the process of being developed utilizing scrolling text messages on the County's and Health District's website homepages. The intention is to achieve a more timely and accurate general public notification of air quality conditions.

Five candidates were interviewed for the vacant Air Quality Specialist I position which was subsequently offered to Mr. Allan Tobey. Mr. Tobey accepted the offer and will begin his employment with the Washoe County Health District on June 7th.

Duane Sikorski, Air Quality Supervisor

Planning Activity

Staff completed the 2008 triennial emissions inventory which was subsequently adopted by the Board at its May 27th meeting. The 2008 triennial emissions inventory will be submitted to EPA by June of 2010.

Work has begun on a revision to Regulation 050.001 Emergency Episode Plan (EEP) of the District Board of Health Regulations Governing Air Quality Management to address changes to the National Ambient Air Quality Standards and to reflect updated procedures being considered in the implementation of the EEP.

Duane Sikorski, Air Quality Supervisor

Permitting Activity

TYPE OF PERMIT	2010		2009	
	MAY	YTD	MAY	ANNUAL TOTAL
Renewal of Existing Air Permits	152	591	152	1320
New Authorities to Construct	10	18	4	80
Dust Control Permits	8 (1132 acres)	56 (1991 acres)	8 (74 acres)	128 (1550 acres)
Wood Stove Certificates	21	109	16	170
WS Dealers Affidavit of Sale	1 (0 replacements)	25 (15 replacements)	11 (9 replacements)	250 (145 replacements)
WS Notice of Exemptions	657 (4 stoves removed)	1580 (12 stoves removed)	287 (19 stoves removed)	5358 (145 stoves removed)
Asbestos Assessments and Asbestos Removal Notifications (NESHAP)	103	374	110	1003

Compliance &
Inspection Activity

Staff reviewed twenty-eight (28) sets of plans submitted to the Reno, Sparks or Washoe County Building Departments to assure the activities complied with Air Quality requirements.

Staff conducted seventy-two (72) stationary source renewal inspections and fifty-six (56) gas station inspections in May, 2010. Staff also conducted inspections on asbestos removal and construction/dust projects.

Permitting &
Enforcement Activity

The Ruby Pipeline Dust Permit was issued by staff on May 14, 2010. A total of 1075 acres will be disturbed due to pipeline placement across 53 miles of Northern Washoe County. Permit conditions include six water trucks for dust control, along with the availability of sufficient water rights from local wells. A dust suppressant (magnesium chloride) will also be used at selected locations. Staff will make numerous random inspections during the entire scope of the project to make certain that all dust control conditions are being met for compliance with Section 040.030 of the Air District regulations.

As usual, the Washoe County School District's asbestos abatement projects will be in full swing during summer break. Mr. John Nolan (asbestos coordinator) does an outstanding job working with AQMD staff to make certain that all asbestos projects are done in compliance with both the local asbestos regulation and all school district requirements.

Finally, staff continues to "track down" the new owners of foreclosed properties to make certain that dust permits are promptly renewed and controls are in place. In many cases, out of state banks are the current property owners and they are not familiar with the local dust control regulation. Staff has attempted to "educate" their representatives in a timely fashion to hopefully avoid any future enforcement action.

Noel Bonderson, Air Quality Supervisor

Enforcement Activity

COMPLAINTS	2010*		2009		
	MAY	YTD	MAY	YTD	Annual Total
Asbestos	3	7	2	8	21
Burning/Smoke	0	2	0	3	16
Dust	2	11	7	43	134
Gas Station/Oxy Fuel	0	0	0	0	0
Miscellaneous	0	1	0	4	7
Odor	1	2	4	11	30
Painting (spray painting)	2	4	0	0	6
Permit Violation	0	4	0	3	12
TOTAL	8	56	13	72	226
NOV'S	MAY	YTD	MAY	YTD	Annual Total
Warnings	0	4	0	4	13
Citations	0	5	1	5	10
TOTAL	0	9	1	9	23

* Discrepancies in totals between Monthly Reports can occur because of data entry delays.

Notices of Violation (NOVs):

There were no Notice of Violations (NOVs) issued in May 2010.



Washoe County Health District

June 14, 2010

TO: Members District Board of Health

FROM: Eileen Coulombe

SUBJECT: Emergency Medical Services (EMS) Program Update

Washoe County District Health Staff participated in the May 18 – 19, 2010 Community Wide Hospital Hazmat Evacuation Drill entitled "Operation Smooth Move." This was a Community-wide exercise that included participation from multiple counties in two neighboring states. There were 11 hospitals, REMSA and three fire departments involved.

Washoe County Health District Staff has been involved in the planning for this exercise since the beginning of October 2009, when a funding source was identified. This exercise has been a goal for IHCC for over two years but funding did not become available until late 2010.

Health District Staff attended seven Design Team Meetings between December 2009 and May 2010. Three staff members attend the April 9th Mutual Aid Evacuation Annex (MAEA) training and tabletop exercise held in the Health Districts conference rooms. Five Health District employees participate in the May 18th full scale Hospital Evacuation Hazmat Exercise in various positions. Two were Health District Liaisons in the Evacuating Hospitals Incident Command Center, one was an Evaluator at Renown South Meadows, one was an Evaluator at Renown Rehab Hospital and one was the Health District's Liaison at REMSA. All five staff members who participated in the Full Scale exercise attended the hot washes and debriefing.

The Washoe County Health District Staff organized and set up the meeting rooms for all of the design team meetings along with the MAEA Training/Tabletop and Community Wide Debriefing. Staff took and transcribed minutes/notes for each meeting to track progress and do outs, and did the same at the debriefing to document the accomplishments and areas for improvement.

During "Operation Smooth Move" the 800MHz radio system was tested utilizing the Health Districts' talk group WCHDSUP to communicate information concerning incoming patients to receiving hospitals. The Health District staff tests the 800MHz radio system monthly with REMSA and six hospitals in Washoe County, but this was the first time the hospitals actually utilized the radios as a redundant form of communication during an exercise.

The After Action Report has been attached. Opportunities for improvement were identified to the Washoe County Health District's Multi Casualty Incident Plan Mutual Aid Evacuation Annex will be address during the coming year by the Inter Hospital Coordinating Council working in conjunction with the new Emergency Medical Services (EMS) Coordinator.


 Administrative Health Services Officer

Attachment

DBOH AGENDA ITEM # 16.E.

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**AFTER ACTION REPORT
FOR
OPERATION "SMOOTH MOVE"
HOSPITAL EVAC
And
HAZ MAT EXERCISE**



**Full Scale Exercise
For Inter Hospital Coordinating Council of Reno**

May 18th and 19th, 2010

Produced By:

Emergency Management Professionals

CONTENTS

Contents	2
Executive Summary	3
Section 1: Exercise Overview	5
Exercise Details	5
Participating Organizations	5
Section 2: Exercise Design Summary	7
Exercise Purpose and Design	7
Scenario Summary	7
Section 3: Analysis of Objectives Exercised	8
Objective 1	8
Objective 2	9
Objective 3	9
Objective 4	10
Section 4: Conclusion	12
Appendix A: Improvement Plan	13

EXECUTIVE SUMMARY

Truckee Meadows Hospitals and their regional partners have seen the need for practicing a multi facility mass evacuation and hazardous materials/decontamination exercise. Each facility in the Truckee Meadows is in need of practicing their hazardous materials and decontamination procedures in a coordinated process. The medical community also needed to test the interoperative communications, evacuation procedures, and medical surge response of an evacuation event within the medical community. Since the writing of Washoe County District Board of Health's Multi Casualty Incident Plan Mutual Aid Evacuation Annex, there has only been one opportunity to practice the annex.

Based on the exercise planning team's deliberations, the following objectives were developed for Operation Smooth Move:

1. Target Capability - Interoperable Communications

Objectives: Practice interagency cooperative processes throughout the medical and first responder community, as well as mutual aid agreements that are in place between facilities. Specifically:

- Ability of agencies to communicate effectively with each other.
- Ability of facilities to communicate effectively internally.
- Knowledge and understanding of roles and responsibilities within their agency, and of other agencies they are interacting with.
- Ability to implement the Mutual Aid Evacuation Annex of the Washoe County District Board of Health's Multi-Casualty Incident Plan.

2. Target Capability: Hazardous Materials and Decontamination

Objectives: Practice Hazardous Materials and Decontamination procedures in a hospital setting, specifically:

- Ability of the agency to set up their decon equipment appropriately and correctly don and doff PPE gear.
- Appropriate access into Haz Mat zones.
- Appropriate containment of agent by demonstrating proper deconning procedures.

3. Target Capability: Medical Surge

Objectives: Practice ability to evacuate facilities and receive evacuated patients in accordance with the Mutual Aid Evacuation Annex. Specifically:

- Practice receiving processes for receiving hospitals of evacuated patients.
- Practice Patient flow and patient tracking of patients that are evacuated from one facility to another.
- Practice ability to track resources, move resources during an evacuation, and demobilize resources once exercise is complete.

4. Target Capability: On Site Incident Management

Objectives: Practice ability to set up and run each agency's Emergency Operations Centers, DOC, and Hospital Incident Command Center.

Major Strengths

The major strengths identified during this exercise are as follows:

- The cooperative spirit which all agencies demonstrated to develop and produce this exercise and their collective professional demeanor during the exercise when working with each other. The overall appreciation that everyone showed for the need to participate in the exercise was apparent.
- The resource sharing capacity between jurisdictions and agencies. Participating agencies collaborated to share and contribute resources to make the exercise a success, which translates to the multi-agency cooperative mindset that is essential in times of real life emergencies.
- Ability of exercise leadership to work within a unified command structure.
- The existence of a mutual aid plan for evacuation and the commitment that the hospitals have to work together to provide patient care in an emergency situation.

Primary Areas for Improvement

Throughout the exercise, several opportunities for improvement in the multiple facilities ability to respond to the incident were identified. The primary areas for improvement, including recommendations, are as follows:

- Coordination of communication. Establishing alternate avenues of communication. Every facility expressed concern over the communication process and the flow of information regarding patients being transported to their facility. There was a lack of coordinated communication with the EMS agency, i.e. staging areas and incoming patient information.
- Need for additional training and education for facilities involved in the mutual aid evacuation annex, to understand the plan and the roles and responsibilities of each facility in the plan. Many HCC assignees did not understand the plan.
- Confusion about the plan process for determining where patients were sent to and who made that determination.
- The amount of time needed to establish patient lists for transfer takes a great deal more time than anticipated and there needs to be a plan in place for staging areas or alternate care sites for patients until the patients are actually transferred
- Confusion about the receiving medical staff role for assuming patient care from patient of record. Process within the annex plan needs revision to reflect issues of patient transfer and physician care across state borders.
- Patient tracking; need to develop a better tracking system to help the evacuating and receiving facilities with rapid patient information.
- Need to include HAvBED in the revision of the annex.

Overall, the exercise was successful. Part of the success can be attributed to the planning process that so many facilities participated in and gave their support to. The exercise team was very important to the success of this multi faceted, complex exercise. Elements of the annex that still need to be tested, however, include resource management (moving supplies, staff, equipment) from evacuating hospital to receiving hospital, patient transport from facility to facility, and emergency credentialing of staff at receiving hospitals.

Exercise Details

Exercise Name

Operation Smooth Move

Type of Exercise

Full scale exercise

Exercise Start and End Date

The actual exercise took place on May 18th, and May 19th 2010.

Duration

The exercise was conducted from 0900 when staging was begun, and the exercise ended at 1115 on the 18th. Play began at 0800 on May 19th and ended at 2030 at Tahoe Forest Hospital.

Location

The exercises took place in Reno, Nevada; Carson Valley, Nevada; Gardnerville, Nevada and at Lake Tahoe, Nevada and California; and Truckee, California.

Grant Funding Recipient (HMEP – Hazardous Materials Emergency Preparedness Funding)

Inter Hospital Coordinating Council

Mission

To practice the response of all facility's ability to use the evacuation annex and demonstrate ability to practice hazardous materials decontamination.

Scenario Type

Hazardous Materials and Decontamination response

Multi Casualty Incident

Hospital evacuation

Participating Organizations

Renown Regional Medical Center

Renown South Meadows

Renown Rehab Hospital

St. Mary's Medical Center

Northern Nevada Medical Center

VA Medical Center

Nevada Hospital Association

Tahoe Forest Hospital

Barton Memorial Hospital

Carson Valley Medical Center

Carson Tahoe Regional Hospital

Incline Village Hospital

Tahoe Pacific Hospital

Washoe County Emergency Services

Emergency Management Professionals

Washoe County Health District

REMSA Ambulance

City of Reno Emergency Manager

Number of Participants

- **Players – 125+**
- **Controllers – 3**
- **Evaluators – 30**
- **Observers – 9**
- **Victim Role Players - 56**

SECTION 2: EXERCISE DESIGN SUMMARY

Exercise Purpose and Design

The purpose of the exercise was to practice hazardous materials decontamination procedures at the individual facilities and to test the applicability of the Mutual Aid Evacuation Annex of the Washoe County District Board of Health Multi-Casualty Incident Plan. The design team consisted of representatives from each hospital facility, Washoe County and Carson City Public Health, CERT, and REMSA. Planning for the exercise began in January with the retention of Emergency Management Professionals to assist with the development and implementation of the exercise. The exercise team met monthly. Exercise design and evaluation was based on HSEEP principles and practices.

Scenario Summary

It is a pleasant spring day at Renown Medical Center. On the 3rd floor. Station #36 of the Medical Center there is an award ceremony for one of the staff who has been awarded "Citizen Volunteer of the Year" by the city of Reno. A small crowd of staff, patients, and patient family members are gathered around to observe the award announcement. It is a busy day on the floor, with a full patient census.

An outside maintenance crew has been retained to work on one of the public restroom areas that have had some clogged plumbing. They have brought in several containers of chemicals to attempt to fix the problem and clean the public restroom.

In the middle of the award ceremony, a strong chemical odor is detected by several staff. They observe two of the maintenance workers stagger out of the restroom grasping their throats and coughing. As they run over to help the two men, their eyes sting and they have a burning in their throats. Now many of the people near the restroom are having difficulty breathing and their eyes are burning. A nursing supervisor takes charge and orders people to leave the floor. She calls Administration and tells them that there has been a chemical spill on the 3rd floor and they need to evacuate patients off the floor because the chemical odor is causing respiratory problems and burning eyes. She relays to the Administrator that one of the maintenance men said they had mixed a large amount of bleach and chlorine together and accidentally spilled it on the floor when the fumes hit them. The two maintenance men and three staff members who helped them have reported to the ED with complaints of burning skin and eyes, and respiratory distress.

SECTION 3: ANALYSIS OF OBJECTIVES EXERCISED

This section of the report reviews the performance of the exercise objective, activities, and tasks. In this section, observations are organized by objective and associated activities. The analysis of the exercise objectives of the exercise are listed below, followed by corresponding activities. Each activity is followed by related observations, which include references, analysis, and recommendations.

Objective #1 - Practice interagency cooperative processes throughout the medical and first responder community, as well as mutual aid agreements that are in place between facilities. Specifically:

- Ability of agencies to communicate effectively with each other
- Ability of facilities to communicate effectively internally
- Knowledge and understanding of roles and responsibilities within their agency, and of other agencies they are interacting with.

Ability to implement the Mutual Aid Evacuation Annex of the Washoe County District Board of Health's Multi-Casualty Incident Plan.

Evaluation Observations:

1. Communication process was not uniformly effective because the patient categorization process was confusing. Lack of clarification regarding patient staging at evacuating hospital and patient drop off at receiving hospitals. Ambiguity regarding the process of determining where patients went when evacuated.
2. Took a long time to get patient list established and begin process of transporting patients.
3. No emphasis on patient tracking forms and getting forms back to evacuating hospitals once patients were received.
4. Evacuating hospital did not understand patient transfer process being predetermined by annex plan, and spent time attempting to contact other hospitals to determine patient acceptance numbers (which have been pre determined within the annex plan).

Analysis: Lack of understanding of the components of the evacuation annex by all facilities resulted in duplication of effort, confusion by participants, and delay of patient transportation.

Recommendations:

1. Continue to practice unified command processes in future exercises to develop and maintain working relationships and joint cooperative efforts.
2. Revise annex plan to streamline decision making process for emergent transportation and patient disposition.
3. Additional training of hospital and transportation personnel to more efficiently use the annex.

4. Revise annex to truly incorporate existing processes for identifying bed capacity and ability of hospitals to accommodate patients (HA_vBED).

Objective #2 - Target Capability: Hazardous Materials and Decontamination

Objectives: Practice Hazardous Materials and Decontamination procedures in a hospital setting, specifically:

- Ability of the agency to set up their decon equipment appropriately and correctly don and doff PPE gear.
- Appropriate access into Haz Mat zones
- Appropriate containment of agent by demonstrating proper deconning procedures

Observations:

1. Overall, hospitals had some level of difficulty with the haz mat process, from decon zone set up to properly don and doff PPE's.
2. Several hospitals worked with their fire department partners to assist with the decon process. This seemed to be a good use of joint resources and talents.
3. Local haz mat teams did respond to one facility to potentially assist with the haz mat assessment and containment process due to facility not having sufficient training, personnel or equipment to support a haz mat event.

Analysis: Due to the rarity with which local hospitals deal with hazardous materials events, they did not appear to be well versed in the process of agent assessment and decontamination principles.

Recommendations:

1. Prioritize training of hospital personnel in Hazardous Materials and Decontamination principles (Hazwoper) and ensure attendance for all levels of staff potentially involved in an incident (medical staff, engineering, admitting clerks).
2. Prioritize full scale haz mat exercises at individual facilities to allow staff to become more familiar with the process of deconning patients.
3. Continue to work with local LEPC and IHCC efforts to obtain equipment and training for those facilities without resources to fund their needs.

Objective #3 – Target Capability: Medical Surge

Objectives: Practice ability to evacuate facilities and receive evacuated patients in accordance with the Mutual Aid Evacuation Annex. Specifically:

- Practice receiving processes for receiving hospitals of evacuated patients.
- Practice Patient flow and tracking of patients evacuated from one facility to another.
- Practice ability to track resources, move resources during an evacuation, and demobilize resources once exercise is complete.

Observations:

1. Large number of participants either did not understand the annex plan or did not utilize it.
2. Annex does not reflect the use of HA_vBED to assess bed capacity. The preassigned numbers in the Annex are not current and do not reflect the actual patient capacity at each facility.
3. Annex does not reflect issues of patient transfers across state lines, and emergency credentialing issues across state lines.
4. Issues regarding resource management were not fully addressed by this exercise. How nursing staff, medications, actual medical records, and supplies would be transferred with the evacuating patients was not addressed.
5. Patient tracking was not addressed to the extent it should have been. Annex plan for return of Patient Evacuation Tracking forms to evacuating hospital was not followed.
6. Length of time needed to arrange for patient transport created question of where patients should be moved to (Alternate Care Site or staging area) while awaiting evacuation transport.

Analysis: There is poor understanding of the annex process by most hospital staff. The annex is outdated and does not reflect current bed availability processes. The patient tracking system still needs to be assessed and exercised, as well as the issues of resource transfer and management.

Recommendations:

1. Revise Annex to include HA_vBED and to update patient evacuation and acceptance templates.
2. Revise plan to include issues of patient transfer and emergency credentialing across state lines.
3. Review and potentially revise Patient Tracking process and forms within the Annex to be useable and efficient.
4. Continue to include annex plan in exercises in community so staff can develop a familiarity and comfort level with the annex process.
5. Review individual hospital plans to ensure accommodation is made for a holding area for patients awaiting transport.

Objective #4 – Target Capability: On Site Incident Management

Objectives: Practice ability to set up and run each agency's Emergency Operations Center, DOC, and Hospital Incident Command Center.

Observations:

1. Evacuating facility had difficulty with the initial establishment of their Hospital Command Center. Once command was established, the roles and responsibilities were carried out well. Familiarity with the annex plan would have helped the event management process, however.
2. Some of the hospitals elected not to stand up their command centers. While this was not problematic for receiving patients and delivering patient care, it resulted in Administration level management not being notified of event or being updated as to event issues.
3. Communication issues were noted when trying to contact various command centers and command positions. Lines to command centers were often busy and occasionally went to voice mail.

Analysis: Overall, hospitals have not reached a level of comfort with the Hospital Incident Command System and would benefit from continued practice and review of the processes involved in command center setup and position responsibilities.

Recommendations:

1. Continued practice of ICS set up and roles within the command system at each exercise.
2. Review command centers for functionality; assess ability to mobilize command center and move it if necessary.
3. Provide redundant communication systems to ensure open lines of communication.
4. Emergency Operations Plans should be reviewed to ensure notification of appropriate levels of management if the command system is not utilized during an event.

SECTION 4: CONCLUSION

This is the first opportunity that this many medical facilities have had to participate in an exercise of this depth and breath. They are to be commended for the commitment they have collectively made to improve their multi agency collaborative efforts and partnering in disaster response.

Overall, the exercise's success was due to this collaborative effort. Involving multiple facilities in a mass evacuation process can be fraught with problems, yet these entities managed to work well and professionally together to achieve the objectives they set at the beginning of the exercise design.

The evaluation observations made were, for the most part, common to most exercises (role confusion, communications). The overall analysis gained from this exercise was the need to revisit and revise the mutual aid evacuation annex of the mci plan to incorporate new processes, update hospital information, and review applicability of certain clauses within the plan (emergency credentialing, forms, resource management processes).

Part of the success of the exercise was related to the pre-planning process that was done to ensure involvement by all agencies and to simplify potential problems that could have occurred in the exercise. The purpose of this mutual effort exercise, in addition to testing the objectives set forth, was to allow agencies an opportunity to practice these cooperative efforts. The exercise planning team did an admirable job of exercise design to allow the ability of agencies to practice these cooperative roles without setting so many complex injects that they could not succeed. This is one of the purposes of conducting exercises – so they are learning processes as well as testing processes.

That said, it would also behoove these facilities and agencies in future exercises to pre plan less and allow participants to make more complex decision making strategies to more effectively test procedures, resources and personnel.

It is also highly encouraged that the entities involved in the exercise continue the cooperative efforts they have begun with this drill.

APPENDIX A: IMPROVEMENT PLAN

This IP has been developed specifically for the IHCC to reflect recommendations sited in the AAR for Operation Smooth Move conducted on May 18th and 19th, 2010. These recommendations are based on the report from the exercise evaluators, the player's hotwash, the volunteer critiques and the exercise team debriefing session. Each individual facility will be responsible to developing their internal AAR and Improvement Plan.

Objective	Observation Title	Recommendation	Primary Responsible Agency	Agency POC	Start Date	Completion Date
1. Practice interagency cooperative processes throughout the medical and first responder community, as well as mutual aid agreements that are in place between facilities.	1. Communication process was not uniformly effective because the patient categorization process was confusing. Lack of clarification regarding patient staging at evacuating hospital and patient drop off at receiving hospitals. Ambiguity regarding the process of determining where patients went when evacuated.	<ol style="list-style-type: none"> Continue to practice unified command processes in future exercise to develop and maintain working relationships and joint cooperative efforts. Revise annex plan to streamline decision making process for emergent transportation and patient disposition. Additional training of hospital and transportation personnel to more efficiently use the annex. Revise annex to truly incorporate existing processes for identifying bed capacity and ability of 	<ol style="list-style-type: none"> All facilities and agencies Washoe County District Board of Health IHCC Washoe County District Board of Health 			
	2. Took a long time to get patient list established and begin process of					

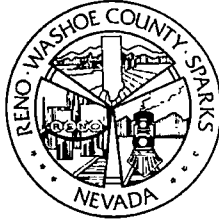
	<p>transporting patient</p> <p>3. No emphasis on patient tracking form and getting forms back to evacuating hospitals once patients received.</p> <p>4. Evacuating hospital did not understand patient transfer process being predetermined by annex plan, and spent time attempting to contact other hospitals to determine patient acceptance numbers (which have been pre determined within the Annex plan).</p>	<p>hospitals to accommodate patients (HAVBED).</p>			
<p>2. Practice Hazardous Materials and Decontamination procedures in a hospital setting.</p>	<p>1. Overall hospitals had some level of difficulty with the haz mat process, from decon zone set up to properly don and doff PPE's.</p>	<p>1. Prioritize training of hospital personnel in Hazardous materials and Decontamination principles (Hazwoper) and ensure attendance for all levels of staff potentially involved in</p>	<p>1. IHCC and individual facilities</p>		

	<p>2. Several hospital worked with their fire department partners to assist with the decon process. This seemed to be a good use of joint resources and talents.</p> <p>3. Local haz mat teams did respond to one facility to potentially assist with the haz mat assessment and containment process due to facility not having sufficient training, personnel or equipment to support a haz mat event.</p>	<p>an incident (medical staff, engineering, admitting clerks).</p> <p>2. Prioritize full scale haz mat exercise at individual facilities to get staff more familiar with the process of deconning patients.</p> <p>3. Continue to work with local LEPC and IHCC efforts to obtain equipment and training for those facilities without resources to fund their needs.</p>	<p>2. Individual facilities</p> <p>3. LEPC, IHCC, and all facilities</p>	
<p>3. Practice ability to evacuate facilities and receive evacuated patients in accordance with the Mutual Aid Evacuation</p>	<p>1. Large number of participants either did not understand the annex plan or did not utilize it.</p> <p>2. Annex does not reflect the use of HAVBED to assess bed capacity. The</p>	<p>1. Revise Annex to include HAVBED and to update patient evacuation and acceptance templates.</p> <p>2. Revise plan to include issues of patient transfer and emergency credentialing across state lines.</p>	<p>1. Washoe County District Board of Health</p> <p>2. Washoe County District Board of Health</p>	

Annex	<p>preassigned numbers in the Annex are not current and do not reflect the actual patient capacity at each facility.</p> <p>3. Annex does not reflect issues of patient transfers across state lines, and emergency credentialing issues across state lines.</p> <p>4. Issues regarding resource management were not fully addressed by this exercise. How nursing staff, medications, actual medical records, and supplies would be transferred with the evacuating patients was not addressed.</p> <p>5. Patient tracking was not addressed to the extent it should have been. Annex plan for return of</p>	<p>3. Review and potentially revise Patient Tracking process and forms within the Annex to be useable and efficient.</p> <p>4. Continue to include annex plan in exercises in community so staff can develop a familiarity and comfort level with the annex process.</p> <p>5. Review individual hospital plans to ensure accommodation is made for a holding area for patients awaiting transport.</p>	<p>3. Washoe County District Board of Health</p> <p>4. All agencies, IHCC, all facilities</p> <p>5. All facilities</p>			
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<p>4. Practice ability to set up and run each agency's Emergency Operations Centers, DOC, and Hospital Incident Command Center.</p>	<p>Patient Evacuation Tracking forms to evacuating hospital was not followed.</p>	<p>1. Evacuating facility had difficulty with the initial establishment of their Hospital Command Center. Once command was established, the roles and responsibilities were carried out well. Familiarity with the annex plan would have helped the event management process, however.</p> <p>2. Some of the hospitals elected not to stand up their command centers. While this was not problematic for receiving patients and delivering patient care, it resulted in</p>	<p>1. Continued practice of ICS set up and roles within the command system at each exercise.</p> <p>2. Review command centers for functionality, Assess ability to mobilize command center and move it if necessary.</p> <p>3. Provide redundant communication systems to ensure open lines of communication.</p> <p>4. Emergency Operations Plans should be reviewed to ensure notification of appropriate levels of management if the command system is not utilized during an event.</p>	<p>1. All facilities</p> <p>2. All facilities</p> <p>3. All facilities</p> <p>4. All facilities</p>		
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	<p>Administration level management not being notified of event or being updated as to event.</p> <p>3. Communication issues were noted when trying to contact various command centers and command positions. Lines to command centers were often busy and occasionally went to voice mail.</p>					
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DBOH AGENDA ITEM NO. 16.F

Washoe County Health District

June 17, 2010

TO: Members, District Board of Health
FROM: Mary A. Anderson, MD, MPH, FACPM
SUBJECT: District Health Officer's Report

State Board of Health Meeting

The June meeting of the State Board of Health (SBOH) will occur on June 18, 2010. I will provide a verbal report on items of potential interest to our board members.

Among the agenda items that will have a statewide impact is the proposed amendment to the regulations for Nevada Administrative Code (NAC) 439, the Nevada Clean Indoor Air Act. As stated in the SBOH agenda, "The proposed regulation amendments would provide guidance for establishments to comply with the Act and outline action to be taken by the health authority when violations of the Act are found."


In my report to the State Board of Health, I will highlight the work of our Chronic Disease Prevention Program which evaluated the preferences of apartment dwellers for smoke-free versus smoke-allowed apartments. They produced the brochure entitled "Smoke-free is Profitable: Washoe County Apartment Tenants Prefer Smoke-free Buildings", a copy of which was provided to you as an attachment to the Community and Clinical Health Services Division Director's report.

Joint Meeting of the Board of County Commissioners (BCC) and the District Board of Health (DBOH)

Please mark your calendars for the joint meeting requested by the BCC for July 13, 2010 at 9:00 am in the Caucus Room in Building A. The membership of each board will have to meet the quorum requirement to hold the meeting. The County Manager's office will prepare the agenda. You should receive your packet no later than Wednesday, July 7, 2010.

NACCHO Meeting

Immediately following the joint meeting of the Board of County Commissioners and the District Board of Health mentioned in the preceding paragraph, I will fly to Memphis, TN to attend the National Association of County and City Health Officials (NACCHO) annual meeting from July 14 – 16. The theme is "20/20 Public Health Vision: Prevention, Equity, Leadership." I expect that there will be a lot of discussion about the potential impacts of the funding in the Prevention and Public Health Fund which is part of the Affordable Care Act.



Mary A. Anderson, MD, MPH, FACPM
District Health Officer

DBOH AGENDA ITEM # 16.F.

1001 EAST NINTH STREET / P.O. BOX 11130, RENO, NEVADA 89520 (775) 328-2400 FAX (775) 328-2279

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DBOH Agenda
Item No. 13.B
2/24/10

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**WASHOE COUNTY, NEVADA
AIR QUALITY TRENDS
2000-2009**

AIR QUALITY MANAGEMENT DIVISION

P.O. BOX 11130

RENO, NEVADA 89520



Washoe County, Nevada Air Quality Trends 2000 - 2009

April 2010



Prepared by
Lauri Mendoza
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Air Quality Management Division
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Table of Contents

	Page
Introduction	1
Pollutants	2
National Ambient Air Quality Standards.....	6
Ambient Air Monitoring Network.....	7
Attainment Status.....	10
Air Quality Index.....	11
Air Quality Data 2000-2009.....	15
Air Monitoring Network Graphs	
Detailed Summary of Data for last 3 Years (2009, 2008, 2007).....	09-1
Tables	ii
Figures.....	ii

Tables

	Page
1. National Ambient Air Quality Standards.....	6
2. Attainment Status.....	10
3. 2009 Annual AQI Summary	11
4. Air Quality Index by Year and Classification	14
5. Carbon Monoxide (ppm) - 1 Hour Averages	26
6. Carbon Monoxide (ppm) - 8 Hour Averages	27
7. Ozone (ppm) - 8 Hour Averages	28
8. PM2.5 ($\mu\text{g}/\text{m}^3$).....	29
9. PM10 ($\mu\text{g}/\text{m}^3$) - 24 Hour Averages.....	30

Figures

1. Washoe County Ambient Air Monitoring Sites	7
2. 2009 AQI Frequency for Ozone	10
3. 2009 AQI Frequency for Carbon Monoxide	10
4. 2009 AQI Frequency for PM2.5	11
5. 2009 AQI Frequency for PM10	11
6. Air Quality Index Data 2000-2009	12

INTRODUCTION

The Washoe County Health District - Air Quality Management Division (AQMD) implements clean air solutions that protect the quality of life for the citizens of Washoe County through community partnerships along with programs and services such as Air Monitoring, Planning, Permitting, Enforcement, and Public Education.

The U.S. Environmental Protection Agency (EPA) has set ambient air quality standards for the following pollutants: particulate matter less than or equal to 10 microns (PM₁₀), particulate matter less than or equal to 2.5 microns (PM_{2.5}), ozone (O₃), carbon monoxide (CO), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), and lead (Pb). The mission of the AQMD Monitoring Program is "To monitor and assure the scientific accuracy of the ambient air quality data collected for the determination of compliance with the National Ambient Air Quality Standards (NAAQS) as defined by the EPA". The AQMD has established a monitoring network throughout the Health District to collect ambient air data. The network is periodically reviewed to ensure it reflects the actual air quality of the District and that it is measuring for the pollutants of highest concern.



This document summarizes the ambient air data collected between 2000 and 2009 from the AQMD's monitoring network. These data were submitted to the EPA's Air Quality System (AQS), and are available for public review on EPA's AIRDATA website. Long-term monitoring data can reveal trends in ambient air pollution and the subsequent need for control measures.

POLLUTANTS

The following describes the six criteria pollutants, their primary sources, and associated health effects.

Particulate Matter (PM10 and PM2.5)

Particulate matter, also known as particle pollution or PM, is a complex mixture of extremely small particles and liquid droplets. Particle pollution is made up of a number of components, including acids (such as nitrates and sulfates), organic chemicals, metals, and soil or dust particles.

The size of particles is directly linked to their potential for causing health problems. EPA is concerned about particles that are 10 micrometers in diameter or smaller because those are the particles that generally pass through the throat and nose and enter the lungs. Once inhaled, these particles can affect the heart and lungs and cause serious health effects. EPA groups particle pollution into two categories:

- “Inhalable coarse particles”, such as those found near roadways and dusty industries, are between 2.5 and 10 micrometers in diameter.
- “Fine particles”, such as those found in smoke and haze, are 2.5 micrometers in diameter and smaller. These particles can be directly emitted from sources such as forest fires, or they can form when gases emitted from power plants, industries, and automobiles react in the air.

Particle pollution, especially fine particles, contains microscopic solids or liquid droplets that are so small that they can get deep into the lungs and cause serious health problems. Numerous scientific studies have linked particle pollution exposure to a variety of problems, including: increased respiratory symptoms, such as irritation of the airways, coughing, or difficulty breathing, for example; decreased lung function; aggravated asthma; development of chronic bronchitis; irregular heartbeat; nonfatal heart attacks; and premature death in people with heart or lung disease.

People with heart or lung diseases, children and older adults are the most likely to be affected by particle pollution exposure. However, even healthy people may experience temporary symptoms from exposure to elevated levels of particle pollution.

Ozone (O₃)

Ozone is a gas composed of three oxygen atoms. It is not usually emitted directly into the air, but at ground-level is created by a chemical reaction between oxides of nitrogen (NO_x) and volatile organic compounds (VOC) in the presence of sunlight. Ozone has the same chemical structure whether it occurs miles above the earth or at ground-level and can be “good” or “bad”, depending on its location in the atmosphere. “Good” ozone occurs naturally in the stratosphere approximately 10 to 30 miles above the earth and forms a layer that protects life on earth from the sun’s harmful rays.

In the lower atmosphere, ground-level ozone is considered “bad”. Motor vehicle exhaust and industrial emissions, gasoline vapors, and chemical solvents as well as natural sources emit NO_x and VOC that help form ozone. Ground-level ozone is the primary constituent of smog. Sunlight and hot weather cause ground-level ozone to form in harmful concentrations. As a result, it is known as a summertime air pollutant. Many urban areas tend to have high levels of

“bad” ozone, but even rural areas are also subject to increased ozone levels because wind carries ozone and pollutants that form it hundreds of miles away from their original sources.

Breathing ozone can trigger a variety of health problems including chest pain, coughing, throat irritation, and congestion. It can worsen bronchitis, emphysema, and asthma. Ground-level ozone also can reduce lung function and inflame the linings of the lungs. Repeated exposure may permanently scar lung tissue. People with lung disease, children, older adults, and physically active people may be affected when ozone levels are unhealthy. Numerous scientific studies have linked ground-level ozone exposure to a variety of problems including: airway irritation, coughing, and pain when taking a deep breath; wheezing and breathing difficulties during exercise or outdoor activities; inflammation, which is much like a sunburn on the skin; aggravation of asthma and increased susceptibility to respiratory illnesses like pneumonia and bronchitis; and permanent lung damage with repeated exposures.

Carbon Monoxide (CO)

Carbon monoxide is a colorless, odorless gas that is formed when carbon in fuel is not burned completely. It is a component of motor vehicle exhaust, which contributes about 56 percent of all CO emissions nationwide. Other non-road engines and vehicles (such as construction equipment and boats) contribute about 22 percent of CO emissions nationwide. Higher concentrations generally occur in areas with heavy traffic congestion. In cities, 85 to 95 percent of CO emissions may come from motor vehicle exhaust. Other sources include industrial processes (i.e., metals processing and chemical manufacturing), residential wood burning, and natural sources such as forest fires. The highest ambient levels of CO typically occur during the colder months of the year when temperature inversions are more frequent. The air pollution becomes trapped near the ground beneath a layer of warm air.

Carbon monoxide can cause harmful health effects by reducing oxygen delivery to the body's organs (i.e., heart and brain) and tissues. The health threat from lower levels of CO is most serious for those who suffer from heart disease, like angina, clogged arteries, or congestive heart failure. For a person with heart disease, a single exposure to low levels of CO may cause chest pain and a reduced ability to exercise. Repeated exposures may contribute to other cardiovascular effects. Even healthy people can be affected by high levels of CO. Exposure to high levels can result in vision problems, reduced ability to work or learn, reduced manual dexterity, and difficulty performing complex tasks. At extremely high levels, CO is poisonous and can cause death.

Nitrogen Dioxide (NO₂)

Nitrogen dioxide is one of a group of highly reactive gasses known as “oxides of nitrogen”, or “nitrogen oxides (NO_x)”. Other nitrogen oxides include nitrous acid and nitric acid. While EPA's NAAQS covers this entire group of NO_x, NO₂ is the component of greatest interest and the indicator for the larger group of NO_x. NO₂ forms quickly from emissions from cars, trucks and buses, power plants, and off-road equipment. In addition to contributing to the formation of ground-level ozone and fine particle pollution, NO₂ is linked with a number of adverse effects on the respiratory system.

Current scientific evidence links short-term NO₂ exposures, ranging from 30 minutes to 24 hours, with adverse respiratory effects including airway inflammation in healthy people and increased respiratory symptoms in people with asthma. Also, studies show a connection between breathing elevated short-term NO₂ concentrations, and increased visits to emergency departments and hospital admissions for respiratory issues, especially asthma.

NO₂ concentrations in vehicles and near roadways are appreciably higher than those measured at monitors in the current network. In fact, in-vehicle concentrations can be 2 to 3 times higher than measured at nearby area-wide monitors. Near-roadway (within about 50 meters) concentrations of NO₂ have been measured to be approximately 30 to 100 percent higher than concentrations away from roadways.

Individuals who spend time on or near major roadways can experience short-term NO₂ exposures considerably higher than measured by the current network. Approximately 16 percent of US housing units (approximately 48 million people) are located within 300 feet of a major highway, railroad, or airport. This population likely includes a higher proportion of non-white and economically-disadvantaged people. NO₂ exposure concentrations near roadways are of particular concern for susceptible individuals, including people with asthma asthmatics, children, and the elderly.

NO_x react with ammonia, moisture, and other compounds to form small particles. These small particles penetrate deeply into sensitive parts of the lungs and can cause or worsen respiratory disease, such as emphysema and bronchitis, and can aggravate existing heart disease, leading to increased hospital admissions and premature death. Ozone is formed when NO_x and volatile organic compounds react in the presence of heat and sunlight. Children, the elderly, people with lung diseases such as asthma, and people who work or exercise outside are at risk for adverse effects from ozone. These include reduction in lung function and increased respiratory symptoms as well as respiratory-related emergency department visits, hospital admissions, and possibly premature deaths.

Emissions that lead to the formation of NO₂ generally also lead to the formation of other NO_x. Emissions control measures leading to reductions in NO₂ can generally be expected to reduce population exposures to all gaseous NO_x. This may have the important co-benefit of reducing the formation of ozone and fine particles both of which pose significant public health threats.

Sulfur Dioxide (SO₂)

Sulfur dioxide is one of a group of highly reactive gasses known as "oxides of sulfur". The largest sources of SO₂ emissions are from fossil fuel combustion at power plants (66 percent) and other industrial facilities (29 percent). Smaller sources of SO₂ emissions include industrial processes such as extracting metal from ore, and the burning of high sulfur containing fuels by locomotives, large ships, and non-road equipment. SO₂ is linked with a number of adverse effects on the respiratory system.

Current scientific evidence links short-term exposures to SO₂, ranging from 5 minutes to 24 hours, with an array of adverse respiratory effects including bronchoconstriction and increased asthma symptoms. These effects are particularly important for asthmatics at elevated ventilation rates (i.e., while exercising or playing.). Studies also show a connection between short-term exposure and increased visits to emergency departments and hospital admissions for respiratory illnesses, particularly in at-risk populations including children, the elderly, and asthmatics.

EPA's SO₂ NAAQS is designed to protect against exposure to the entire group of sulfur oxides (SO_x). SO₂ is the component of greatest concern and is used as the indicator for the larger group of SO_x. Other gaseous sulfur oxides (i.e., SO₃) are found in the atmosphere at concentrations much lower than SO₂.

Emissions leading to high concentrations of SO₂ generally also lead to the formation of other SOx. Control measures that reduce SO₂ can generally be expected to reduce people's exposures to all gaseous SOx. This may have the important co-benefit of reducing the formation of fine sulfate particles, which pose significant public health threats.

SOx can react with other compounds in the atmosphere to form small particles. These particles penetrate deeply into sensitive parts of the lungs and can cause or worsen respiratory disease, such as emphysema and bronchitis, and can aggravate existing heart disease, leading to increased hospital admissions and premature death. EPA's PM NAAQS are designed to provide protection against these health effects.

Lead (Pb)

Lead is a metal found naturally in the environment as well as in manufactured products. The major sources of lead emissions have historically been motor vehicles (such as cars and trucks) and industrial sources. As a result of EPA's efforts to remove lead from gasoline, ambient lead levels decreased 94 percent between 1980 and 1999. Today, the highest levels of Pb in air are usually found near lead smelters. Other stationary sources are waste incinerators, utilities, and lead -acid battery manufacturers.

In addition to exposure to lead in air, other major exposure pathways include ingestion of lead in drinking water and lead-contaminated food as well as incidental ingestion of lead-contaminated soil and dust. Lead-based paint remains a major exposure pathway in older homes.

Once taken into the body, lead distributes throughout the body in the blood and is accumulated in the bones. Depending on the level of exposure, lead can adversely affect the nervous system, kidney function, immune system, reproductive and developmental systems and the cardiovascular system. Lead exposure also affects the oxygen carrying capacity of the blood. The effects most commonly encountered in current populations are neurological effects in children and cardiovascular effects (i.e., high blood pressure and heart disease) in adults. Infants and young children are especially sensitive to even low levels of lead, which may contribute to behavioral problems, learning deficits, and lowered IQ.

NATIONAL AMBIENT AIR QUALITY STANDARDS

The Clean Air Act requires the EPA to establish NAAQS for pollutants considered harmful to public health and the environment. Two types of NAAQS have been established; primary and secondary standards. Primary standards set limits to protect public health, especially that of sensitive populations such as asthmatics, children, and seniors. Secondary standards set limits to protect public welfare, including protections against decreased visibility, damage to animals, crops, and building.

The EPA has set NAAQS for seven principal pollutants, which are called "criteria" pollutants. They are listed in 40 CFR 50 and summarized in Table 1 below. The units of measure for the standards are parts per million (ppm) by volume, milligrams per cubic meter of air (mg/m^3), or micrograms per cubic meter of air ($\mu\text{g}/\text{m}^3$).

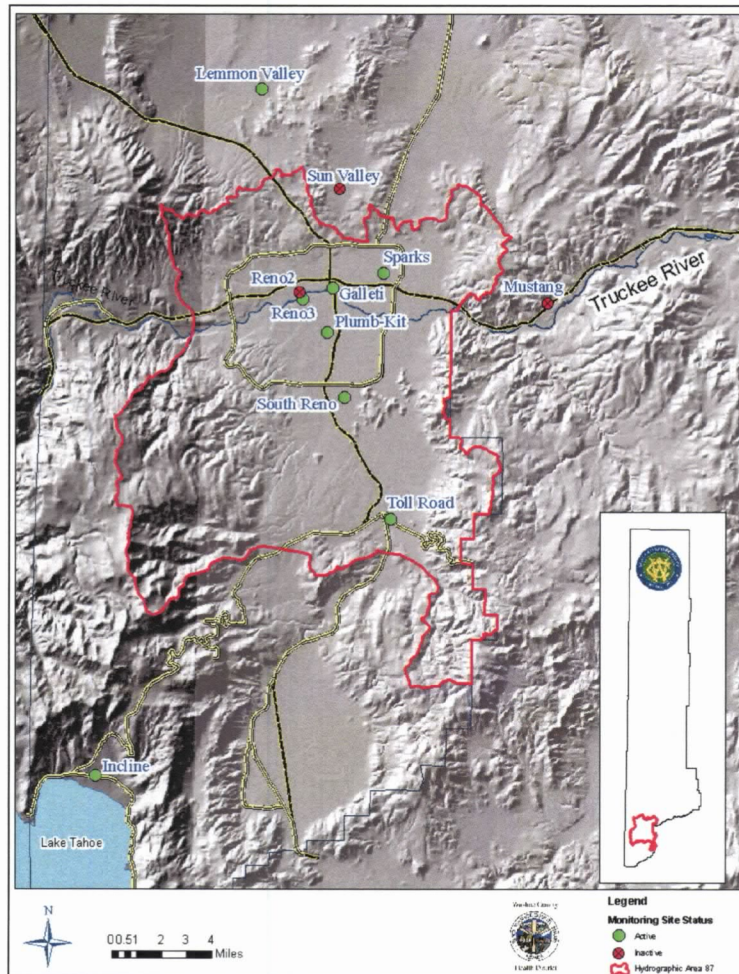
**Table 1
National Ambient Air Quality Standards**

Pollutant	Primary Standard		Secondary Standard	
	Averaging Time	Concentration	Averaging Time	Concentration
PM10	24-hour	150 $\mu\text{g}/\text{m}^3$	Same as primary	
PM2.5	24-hour	35 $\mu\text{g}/\text{m}^3$	Same as primary	
	Annual	15.0 $\mu\text{g}/\text{m}^3$	Same as primary	
Ozone	8-hour	0.075 ppm	Same as primary	
CO	1-hour	35 ppm	None	
	8-hour	9 ppm	None	
Lead	Rolling 3-month average	0.15 $\mu\text{g}/\text{m}^3$	Same as primary	
	Quarterly average	1.5 $\mu\text{g}/\text{m}^3$	Same as primary	
Nitrogen Dioxide	Annual (Arithmetic mean)	0.053 ppm	Same as primary	
Sulfur Dioxide	24-hour	0.14 ppm	3-hour	0.5 ppm
	Annual (Arithmetic Mean)	0.03 ppm		

AMBIENT AIR MONITORING NETWORK

Between 2000 and 2009, the AQMD operated and maintained ambient air monitoring sites in Washoe County measuring PM₁₀, PM_{2.5}, O₃, CO, and NO₂. These monitoring stations were sited in accordance with 40 CFR 58 and utilized monitoring equipment designated as reference or equivalent methods under 40 CFR 53. In addition, Washoe County's ambient air monitoring network was reviewed pursuant to 40 CFR 58.10 to ensure the network meets the monitoring objectives defined in 40 CFR 58, Appendix D. The ambient air data were collected and quality assured in accordance with 40 CFR 58 and recorded in the Air Quality System (AQS), formerly referred to as Aerometric Information Retrieval System (AIRS). Figure 1 displays the ambient air monitoring sites operated between 2000 and 2009.

Figure 1
Washoe County Ambient Air Monitoring Sites
2000-2009



Following is a description of these monitoring sites.

Reno (EPA ID #32-031-0016 SLAMS/SPMS)

This site was located in a downtown Reno commercial area at 250 North Lake Street. In April 1995, it was relocated approximately 300 feet north to the southwest corner of Plaza Street and Evans Avenue. The pollutants measured were PM₁₀, O₃, and CO (SLAMS). In addition, special purpose monitoring (SPMS) for NO₂ began in 1996 and was reclassified as (SLAMS) in 2005. PM_{2.5} monitoring (SLAMS) began in 1999. The Reno site was displaced and shut down in January 2003 because of the ReTRAC (Reno Transportation Rail Access) Project.

Reno3 (EPA ID #32-031-0016 SLAMS)

This downtown site began operation in January 2002 to replace the Reno site. Both a residential neighborhood and a commercial growth area surround this site. The pollutants measured are PM₁₀, PM_{2.5}, O₃, CO, and NO₂. The monitoring objectives are to determine typical concentrations for all pollutants monitored.



South Reno (EPA ID #32-031-0020 SLAMS)

Located on the NV Energy property at 4110 Delucchi Lane, this background site is in a transitional environment between open fields and office buildings. The site monitors for typical concentrations for PM₁₀ and CO. The site also monitors for highest concentrations of O₃, which forms downwind of the sources of the photochemical precursors.

Galletti (EPA ID #32-031-0022 SLAMS)

This site is in the State of Nevada Department of Motor Vehicles and Department of Transportation yards at 305 Galletti Way in Reno. It is located southeast of the Interstate 80 - US Highway 395 interchange in a commercial/industrial area. The Galletti site, which monitors PM₁₀ and CO, is heavily impacted by on-road vehicle emissions from interstate highways. The monitoring objective is to determine highest concentrations of the pollutants monitored.

Toll Road (EPA ID # 32-031-0025 SLAMS)

The Toll Road site is located at 684A State Route 341 (Geiger Grade), one-half mile east of US Highway 395. The site is near the edge of a residential neighborhood and adjacent to an area that may become commercially developed. It is a background site for PM₁₀ and CO. This site also monitors typical concentrations of O₃. A nearby school bus depot has not impacted the site.

Plumb-Kit (EPA ID # 32-031-0030 SLAMS)

The Plumb-Kit site is located on the northeast corner of Plumb Lane and Kietzke Avenue. The only pollutant measured at this site is PM₁₀ (SLAMS). The monitoring objective is to determine typical concentrations of PM₁₀.

Sparks (EPA ID #32-031-1005 SLAMS)

The Sparks site is located on US Postal Service property at 750 Fourth Street in a residential area and measures PM₁₀, O₃, and CO. Its monitoring objective is to determine typical concentrations for the pollutants monitored.

Incline Village (EPA ID #32-031-2002 SLAMS)

Located at the Washoe County public library at 855 Alder Drive, this site is outside the Truckee Meadows Hydrographic Area 87. It is located in a residential/commercial neighborhood, where the monitoring objective is to determine typical concentrations for the pollutants monitored. The AQMD had monitored PM10 (1993-2002), O₃ (1993-2005), and CO (1993-2002). This site was temporarily closed from December 2005 to May 2008 for remodeling. By multi-agency cooperative agreement, the California Air Resources Board (CARB) monitored PM2.5 (1999-2002) and NO₂ (1999-2002). Since May 2008 this site only monitors for O₃.

Sun Valley (EPA ID #32-031-2006 SLAMS)

This PM10 site at 5399 Sun Valley Drive is located in a residential area outside the Truckee Meadows Hydrographic Area 87. PM10 monitoring continued until the site was shut down in March 2005.

Lemmon Valley (EPA ID #32-031-2009 SLAMS)

Located at the Joe Mitchell Community Center at 325 Patrician Drive, this site is outside the Truckee Meadows Hydrographic Area 87. It is in a transitional area among residences, parks, and open fields. The pollutants monitored are O₃ and CO. The monitoring objective is to determine general background concentrations.

Mustang (SPMS)

This remote site was located north of Interstate 80 near the Mustang exit (Exit 23) in southeastern Washoe County. The Mustang site was operational from 1993 to 2002 and monitored PM10 (1993-1998), O₃ (1993-2002), and CO (1995-1998).

ATTAINMENT STATUS

The EPA determines attainment designations for each pollutant with a corresponding NAAQS. Designations are based on ambient air monitoring data for specific geographic areas. In Washoe County, these geographic areas are either Hydrographic Area 87 (as defined by the State of Nevada Division of Water Resources) or the entire county. Below is a summary of the current NAAQS designations which are also codified in 40 CFR 81.329.

**Table 2
Attainment Status**

Pollutant	Averaging Time	Concentration	Geographic Area	Attainment Status
PM10*	24-hour	150 µg/m ³	HA 87	"Serious" Non-Attainment
			Remainder of county	Unclassifiable/ Attainment
PM2.5	24-hour	35 µg/m ³	HA 87	Attainment
			Remainder of county	Unclassifiable/ Attainment
	Annual	15 µg/m ³	HA 87	Attainment
			Remainder of county	Unclassifiable/ Attainment
Ozone	8-hour	0.075 ppm	Entire county	Unclassifiable/ Attainment
CO	1-hour	35 ppm	HA 87	Unclassifiable/ Attainment
			Remainder of county	Unclassifiable/ Attainment
	8-hour	9 ppm	HA 87	Attainment/ Maintenance
			Remainder of county	Unclassifiable/ Attainment
All other pollutants	All averaging times	All concentrations	All geographic areas	Unclassifiable/ Attainment

* In July 2009, a revision to the PM10 State Implementation Plan (SIP) was submitted to EPA Region IX requesting redesignation of Hydrographic Area 87 to Attainment/Maintenance of the 24-hour NAAQS. As of March 2010, EPA had not taken final action on this SIP submittal.

AIR QUALITY INDEX

Title 40, Part 58.50 of the Code of Federal Register requires metropolitan statistical areas with a population of more than 350,000 to report the area's air quality to the general public on a daily basis. The AQMD fulfills this requirement by following guidance contained in EPA's "Guideline for Reporting of Daily Air Quality - Air Quality Index (AQI)".¹ Air Quality Index (AQI) values are calculated for PM10, PM2.5, O₃, and CO.

The AQI is reported to the public via the AQMD's air quality hotline. This hotline is updated daily, seven days per week, and more often during air pollution episodes. Table 3 summarizes Washoe County's air quality in 2009 by month and AQI categories.

**Table 3
2009 Annual AQI Summary**

Month	Good (0-50)	Moderate (51-100)	Unhealthy for Sensitive Groups (101-150)	Unhealthy (151-200)	Very Unhealthy (201-300)	Hazardous (Above 300)
Jan	11	20	0	0	0	0
Feb	24	4	0	0	0	0
Mar	30	1	0	0	0	0
Apr	23	7	0	0	0	0
May	25	6	0	0	0	0
Jun	22	8	0	0	0	0
Jul	23	8	0	0	0	0
Aug	18	13	0	0	0	0
Sep	27	3	0	0	0	0
Oct	31	0	0	0	0	0
Nov	20	10	0	0	0	0
Dec	9	12	8	2	0	0
Total	263	92	8	2	0	0

¹ "Guideline for Reporting Daily Air Quality - Air Quality Index (AQI)"; EPA - 454/B-06-001; United States Environmental Protection Agency, Office of Air Quality Planning and Standards; February 2006.

Figure 2
2009 AQI Frequency for Ozone

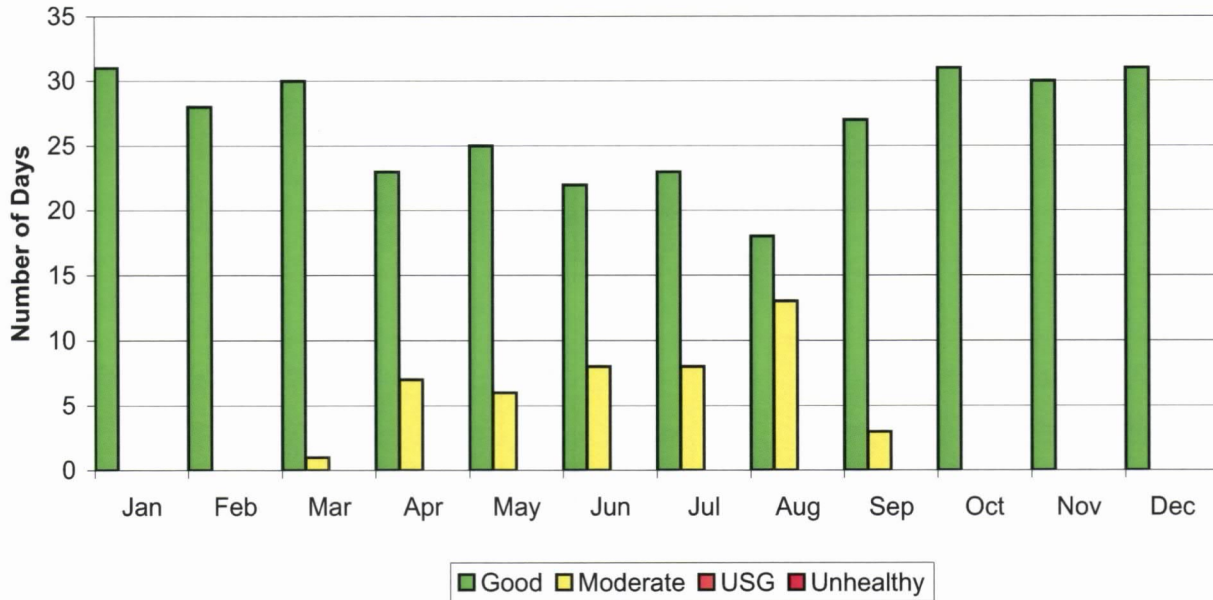


Figure 3
2009 AQI Frequency for Carbon Monoxide

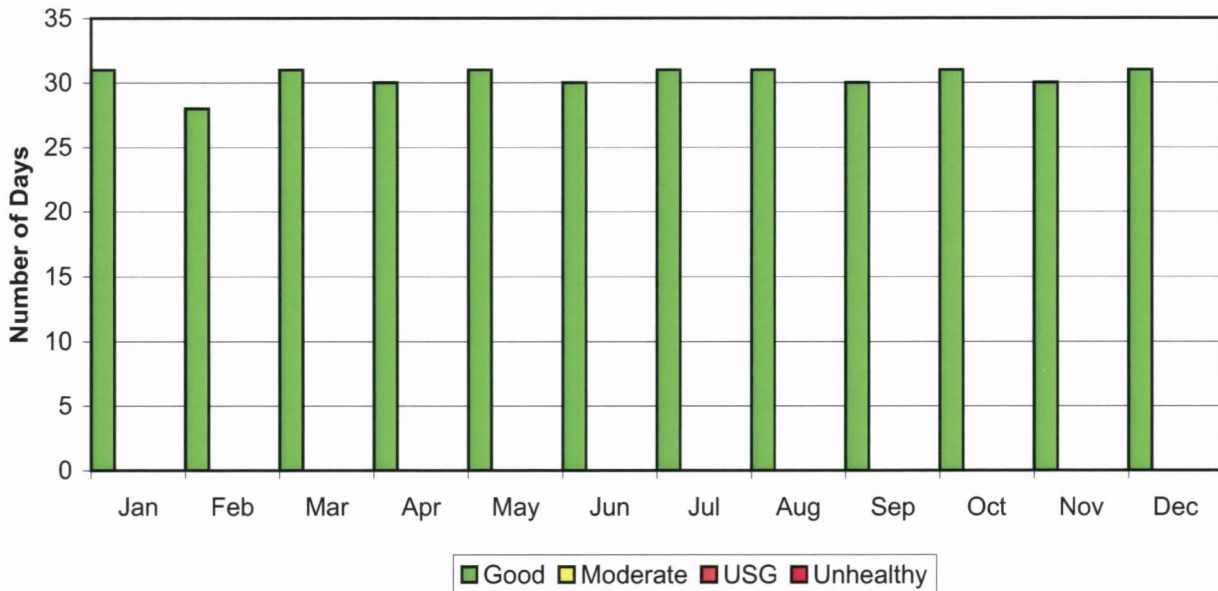


Figure 4
2009 AQI Frequency for PM2.5

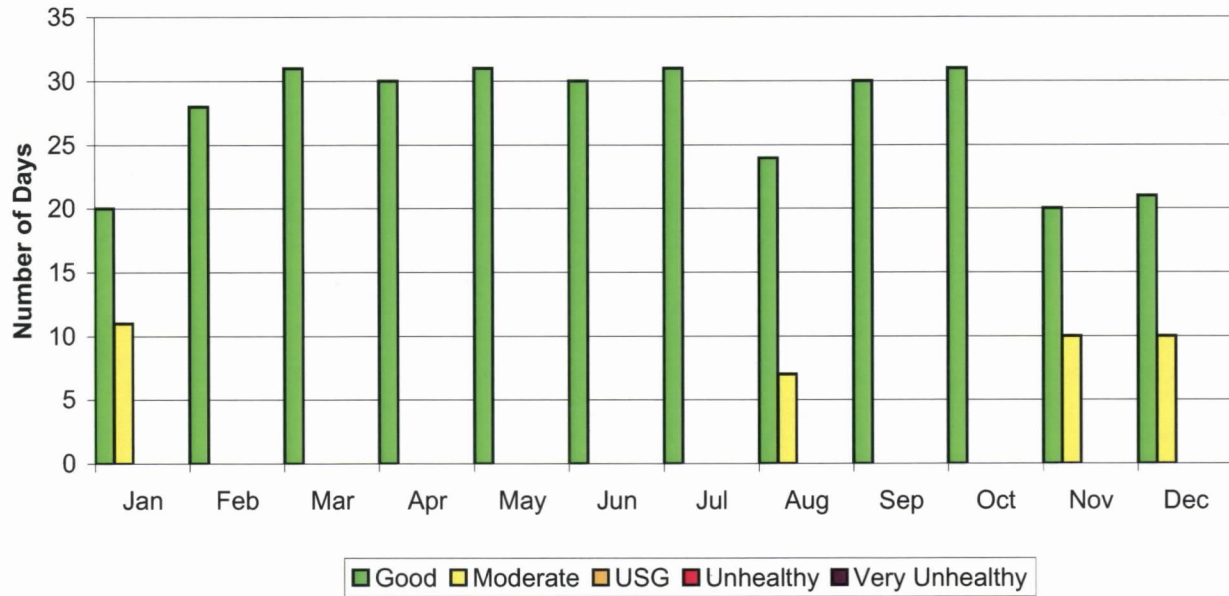


Figure 5
2009 AQI Frequency for PM10

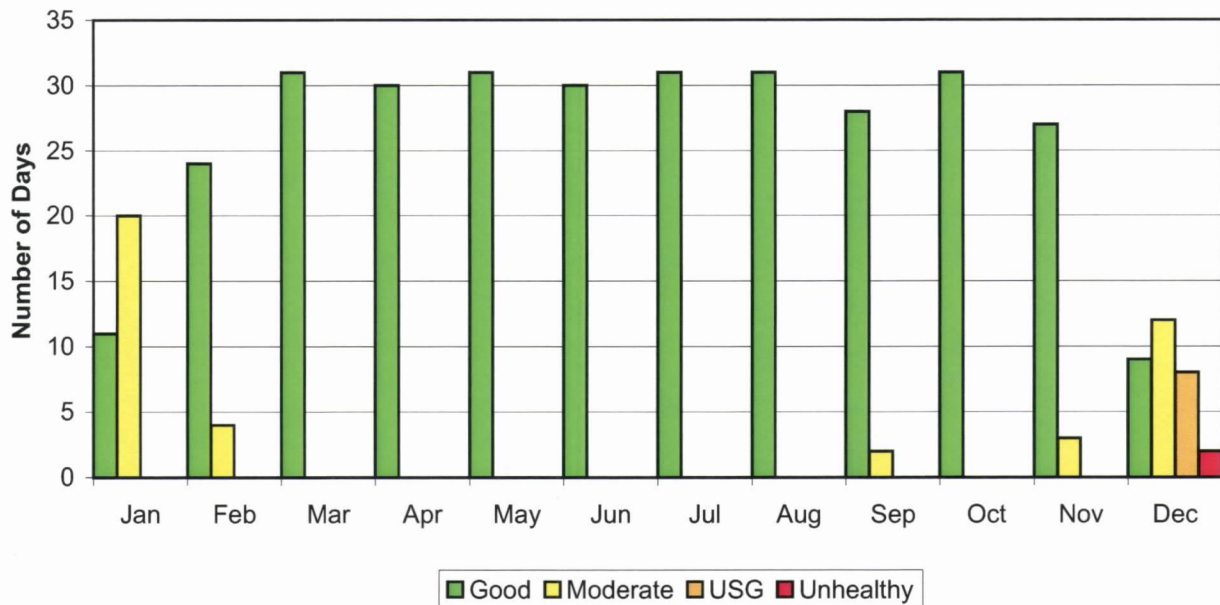
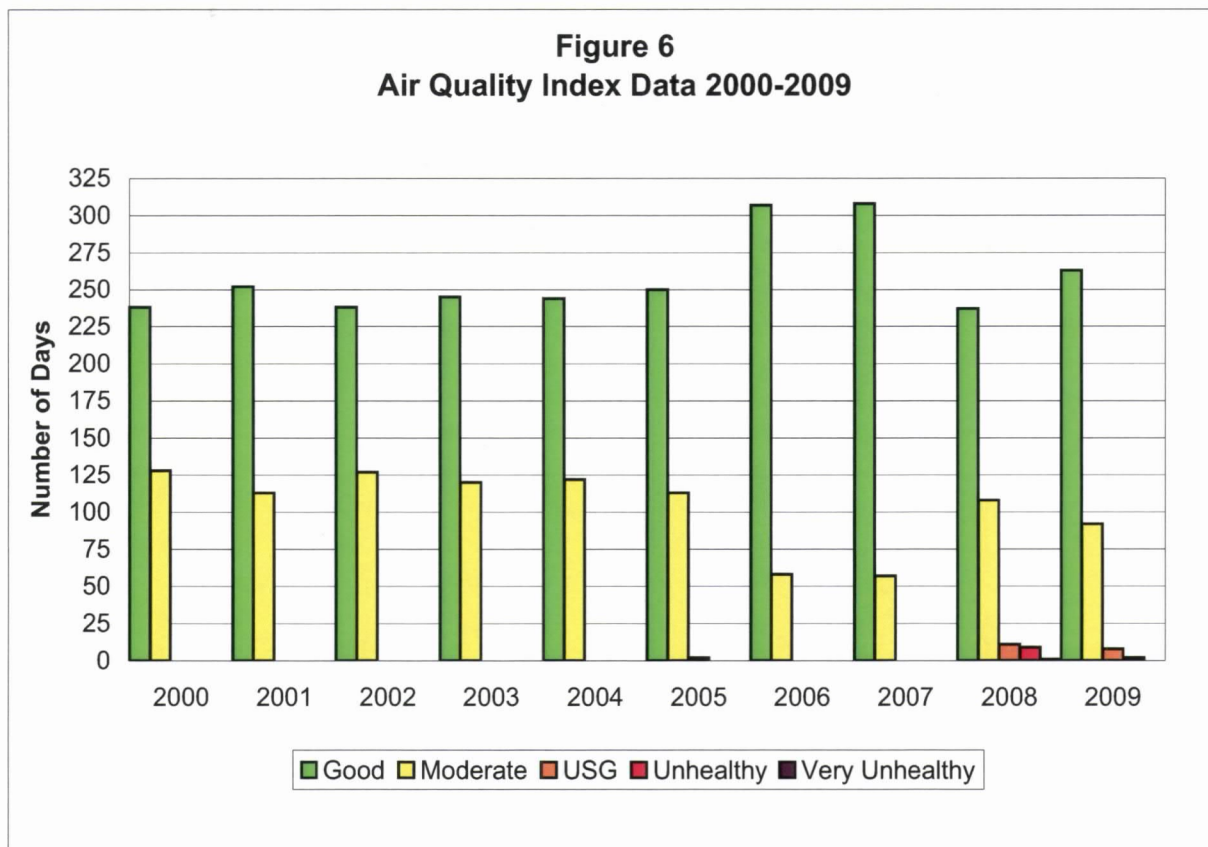


Table 4
Air Quality Index by Year and Classification

Year	Good (0 - 50)	Moderate (51 - 100)	Unhealthy for Sensitive Groups (101 - 150)	Unhealthy (151 - 200)	Very Unhealthy (201 - 300)
2000	238	128	0	0	0
2001	252	113	0	0	0
2002	238	127	0	0	0
2003	245	120	0	0	0
2004	244	122	0	0	0
2005	250	113	2	0	0
2006	307	58	0	0	0
2007	308	57	0	0	0
2008	237	108	11	9	1
2009	263	92	8	2	0

Figure 6
Air Quality Index Data 2000-2009

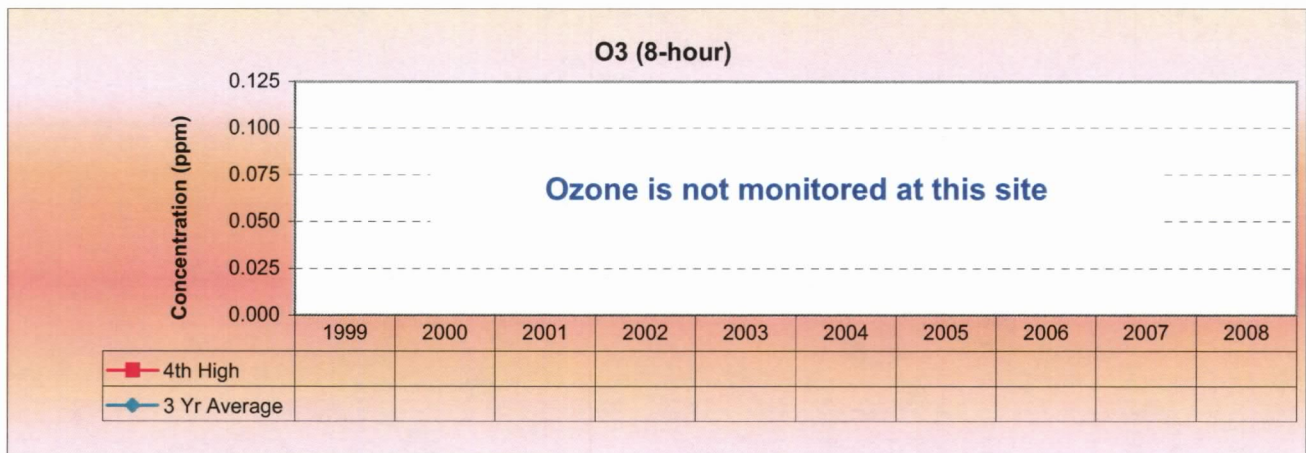
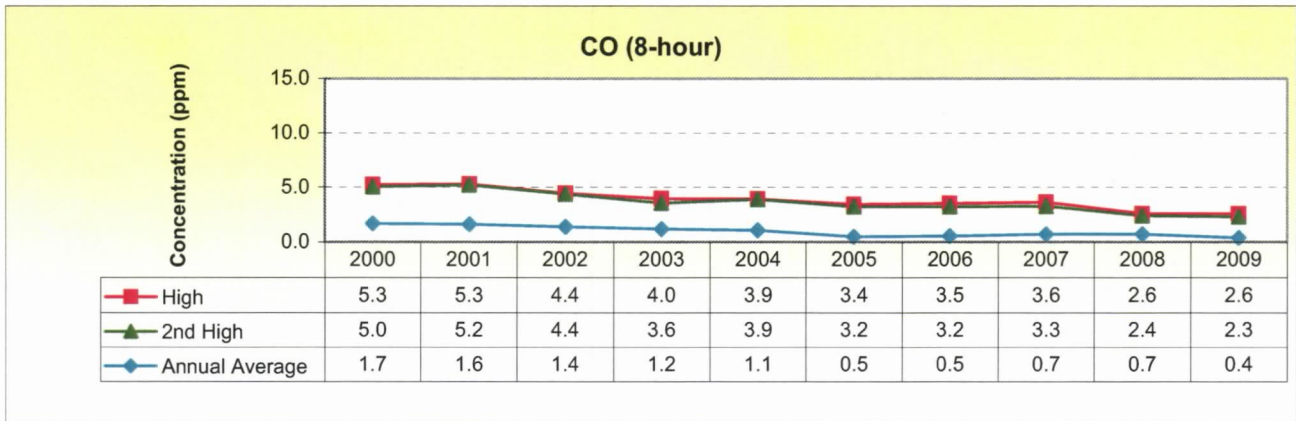
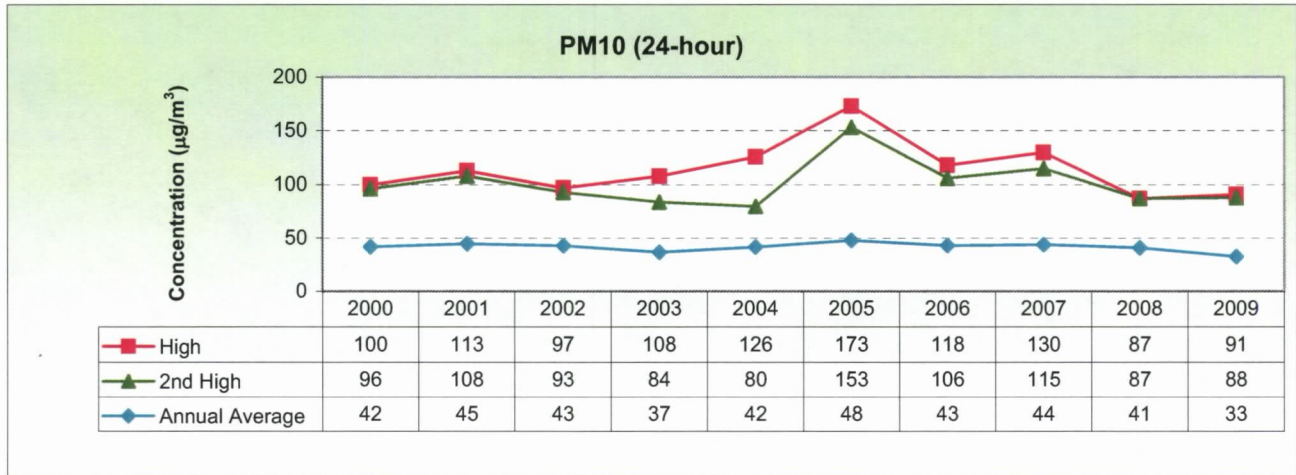


Washoe County, Nevada

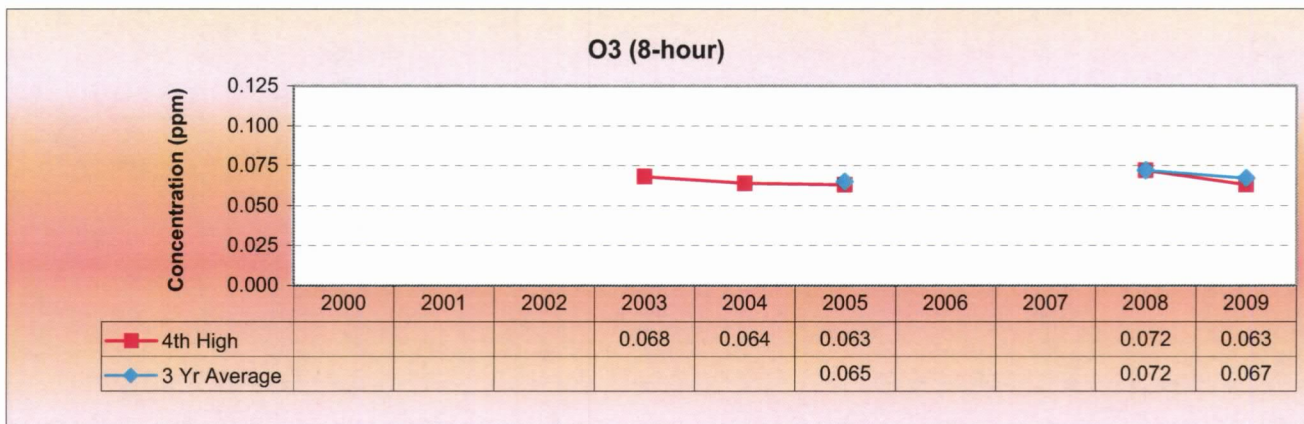
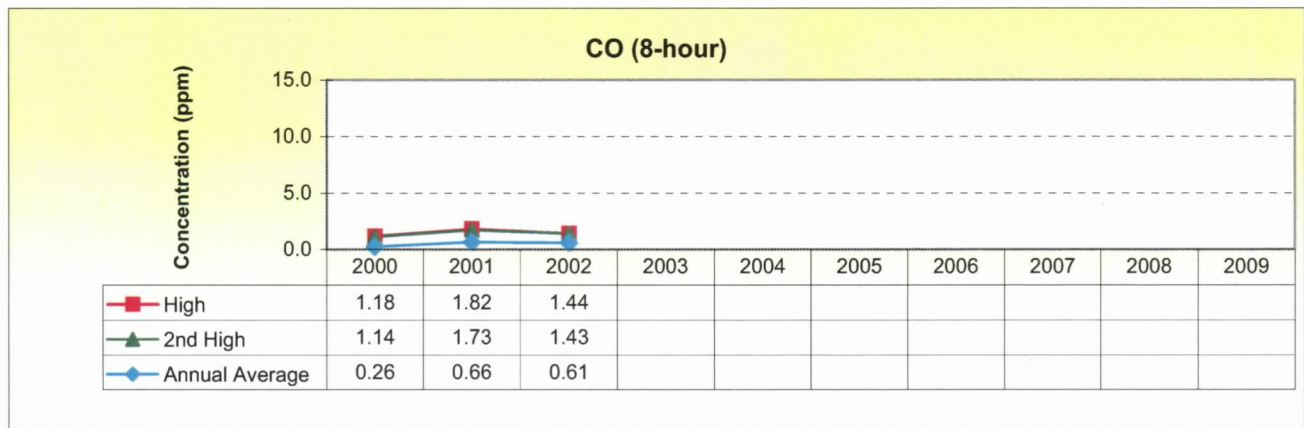
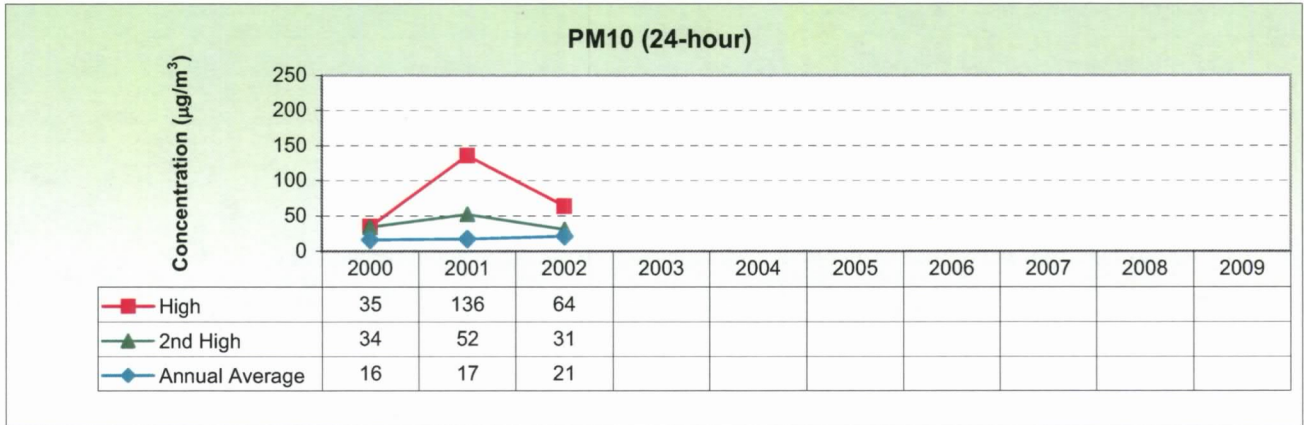
Air Quality Data

2000-2009

Station: Galletti

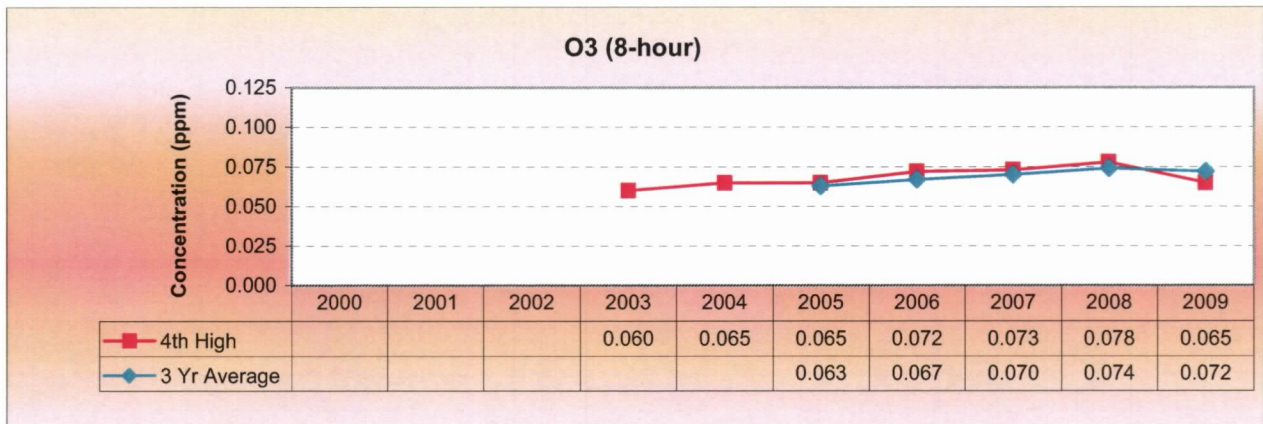
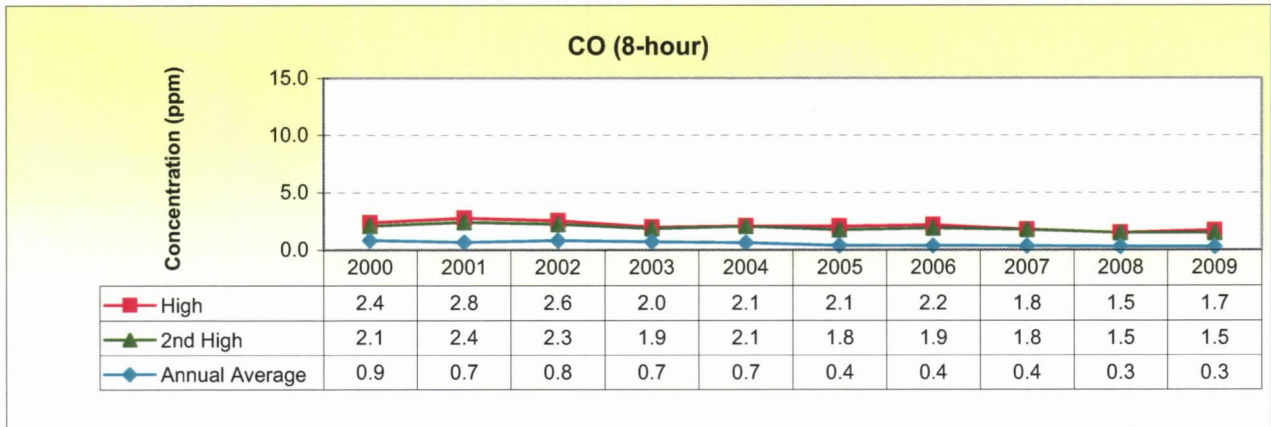
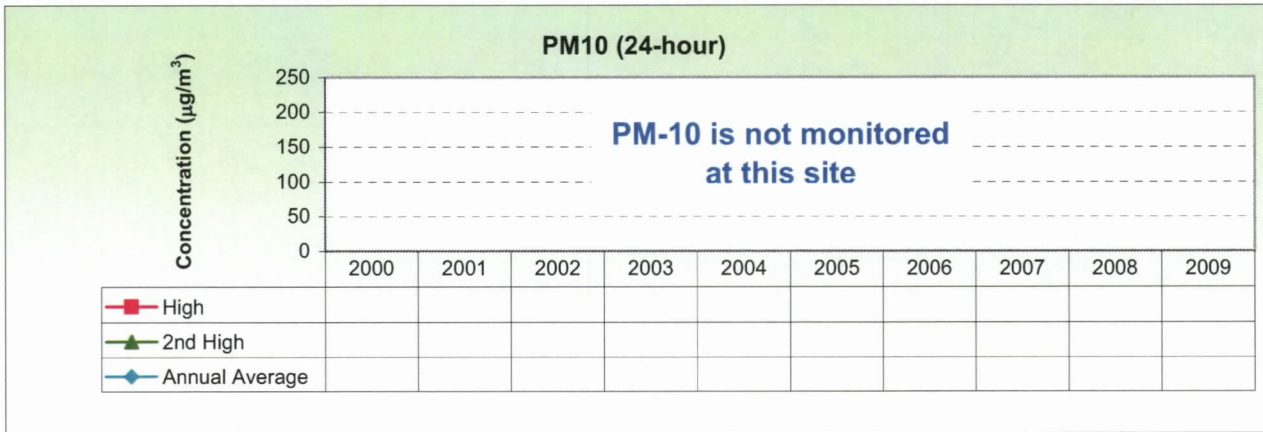


Station: Incline Village

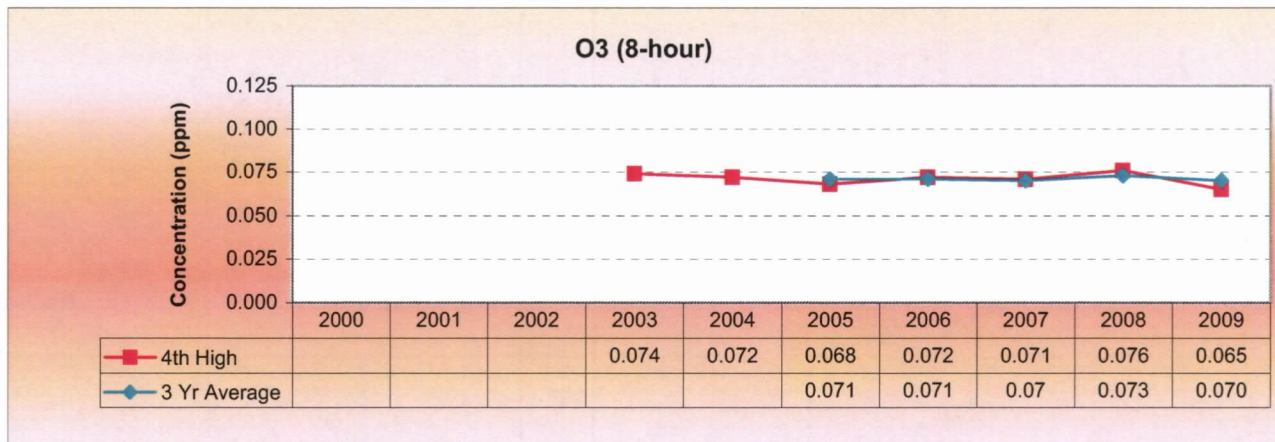
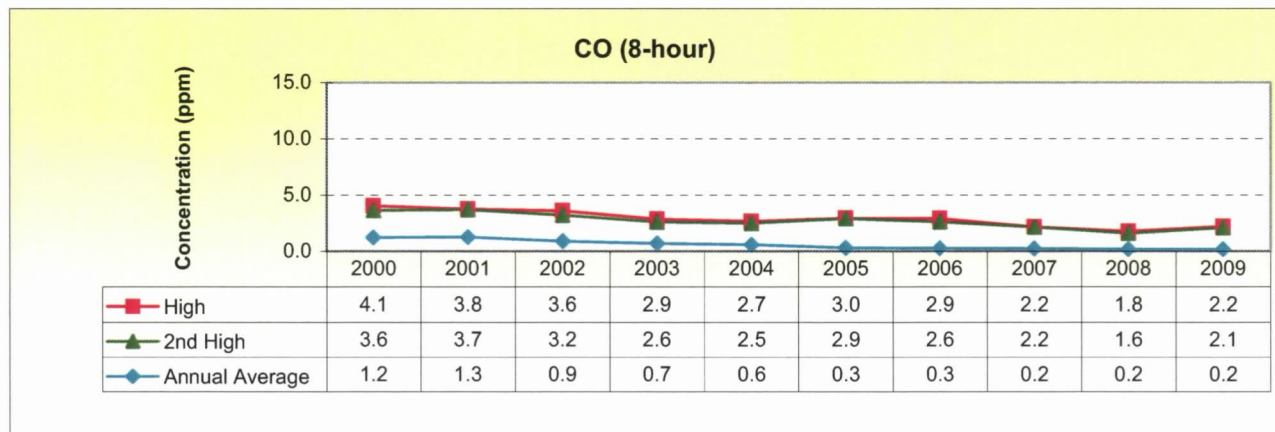
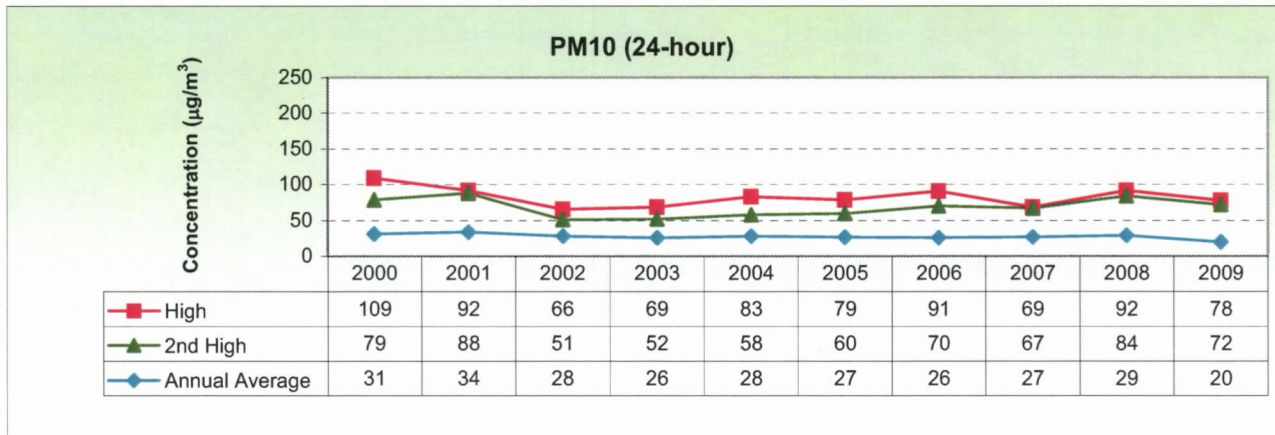


NOTE: PM10 and CO monitoring were discontinued 3/8/02
Monitoring at this site has been temporarily suspended until spring 2008

Station: Lemmon Valley

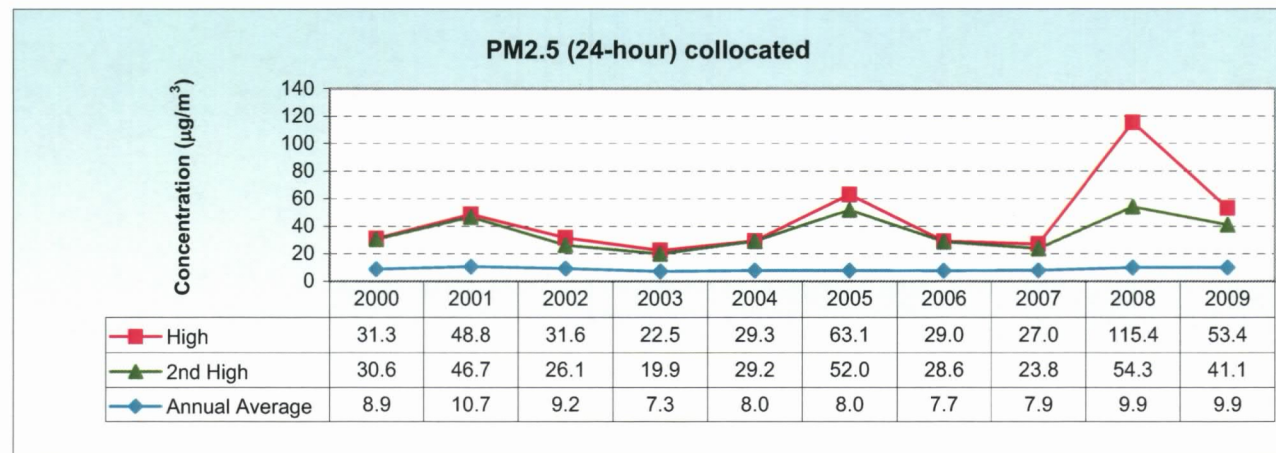
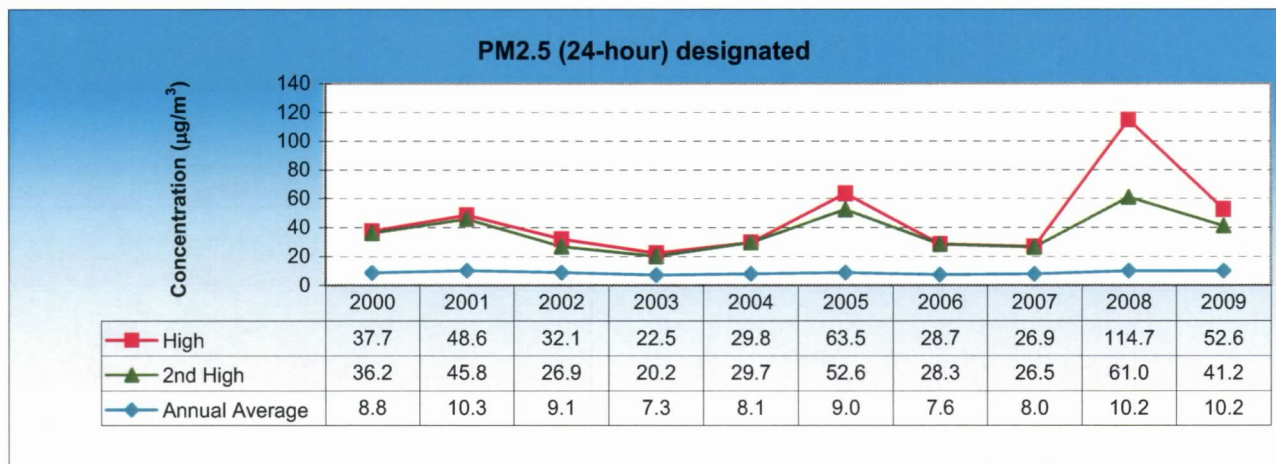
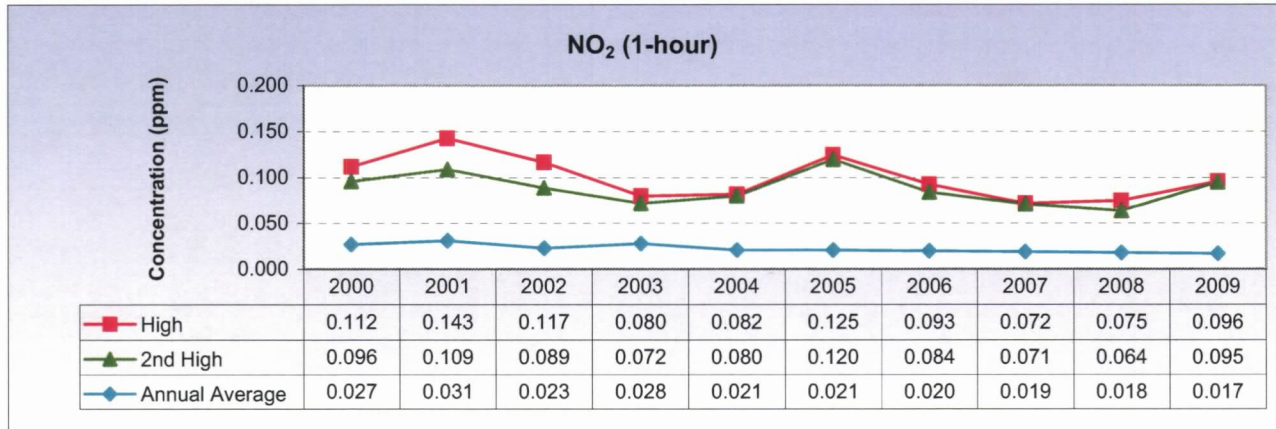


Station: Reno3



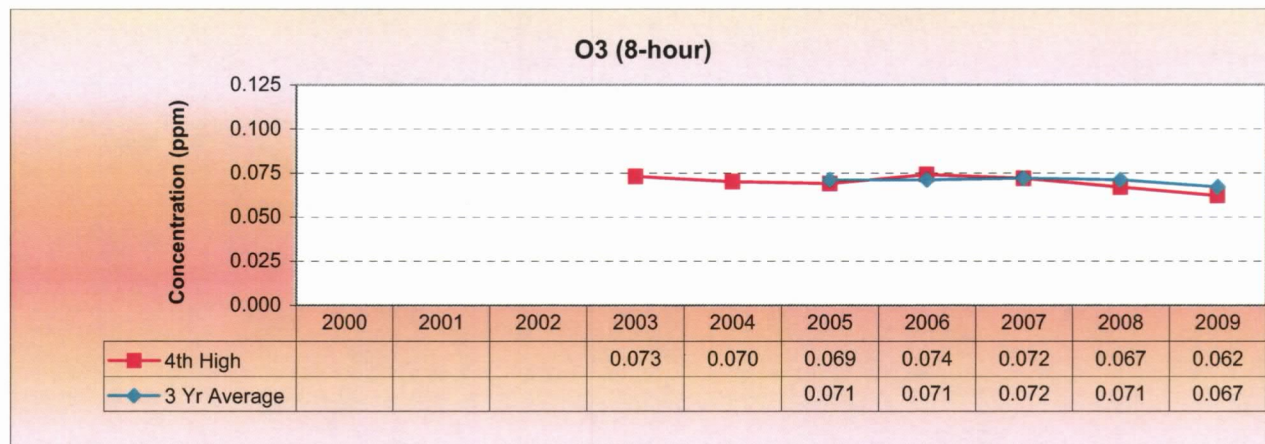
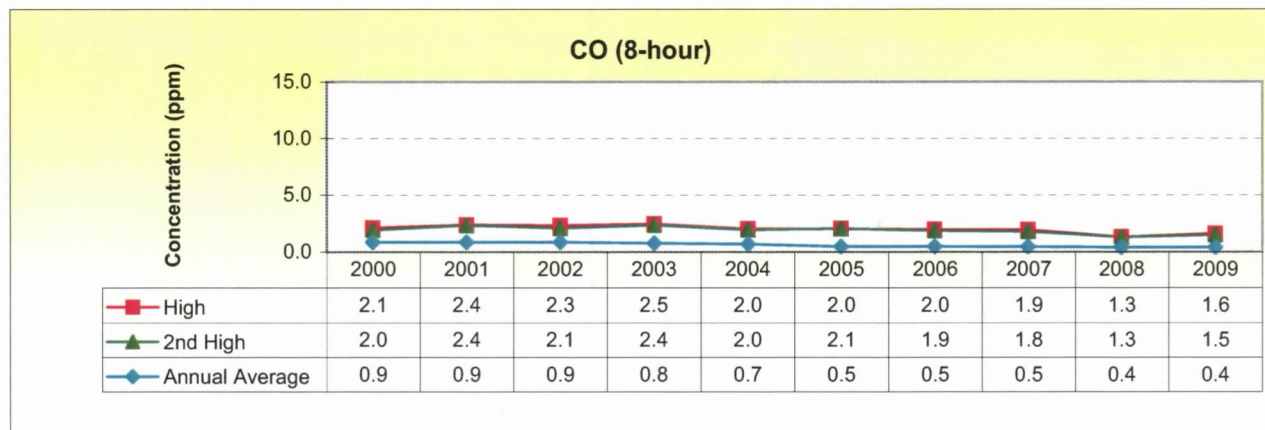
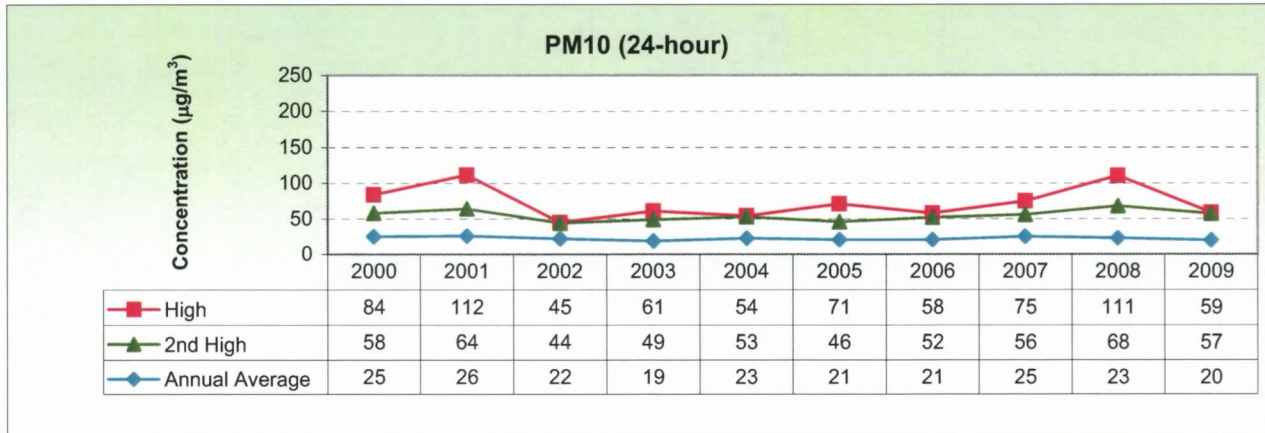
NOTE: Reno3 began operation in January 2002 to replace Reno2

Station: Reno2/Reno3

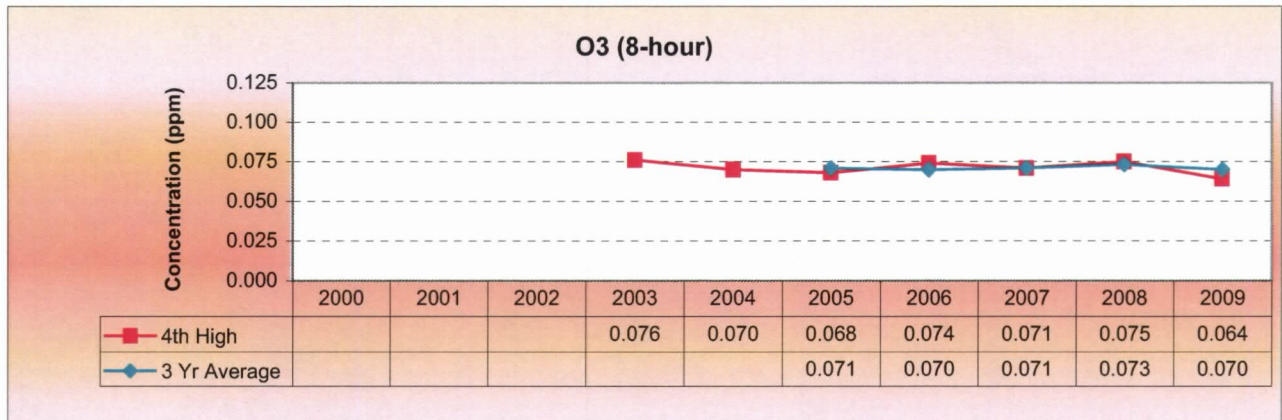
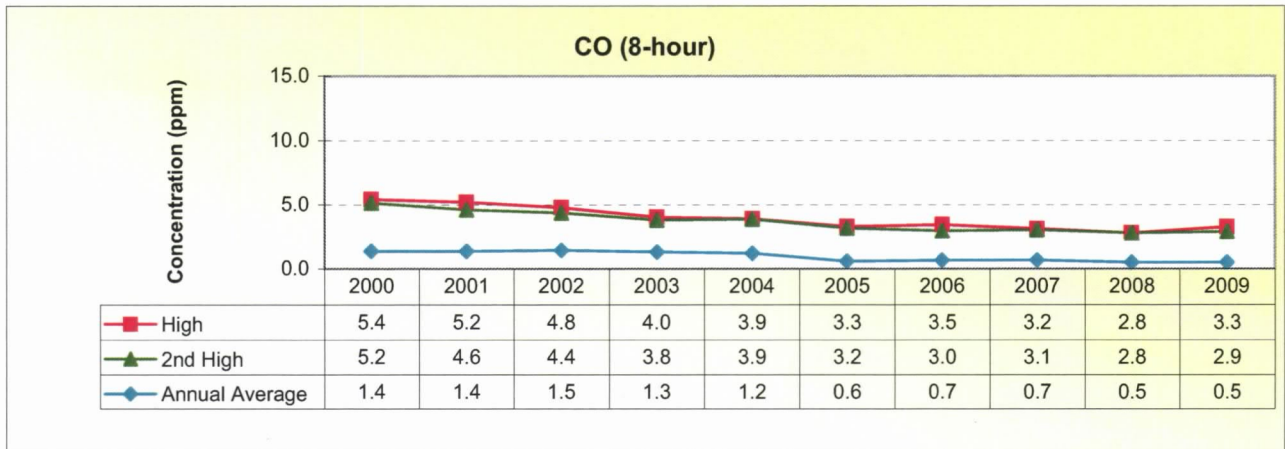
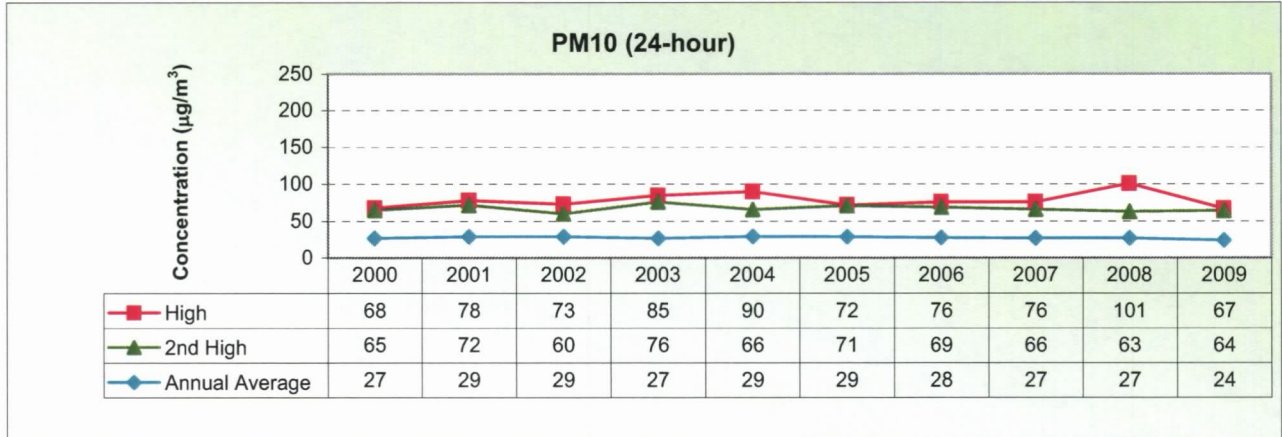


NOTE: Reno3 began operation in January 2002 to replace Reno2

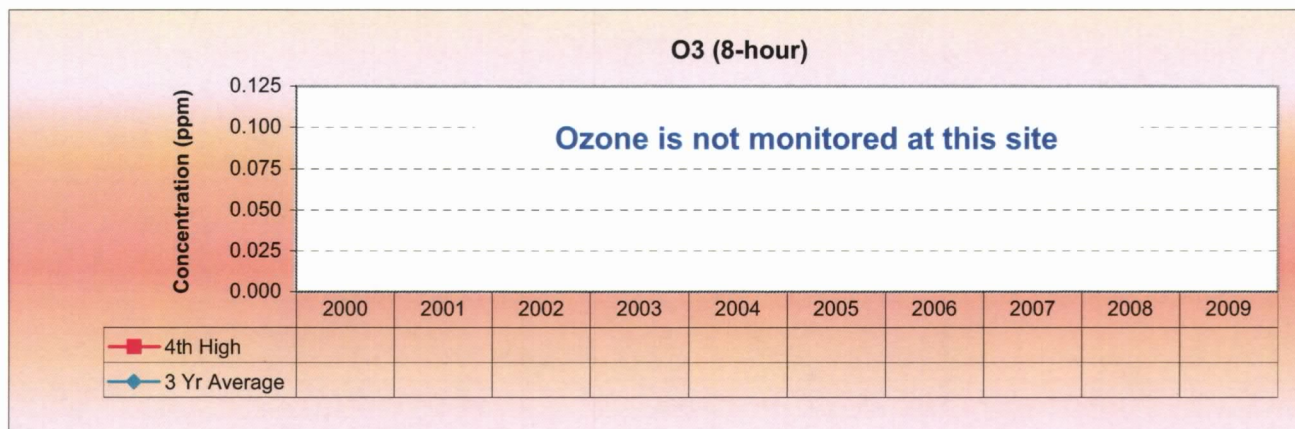
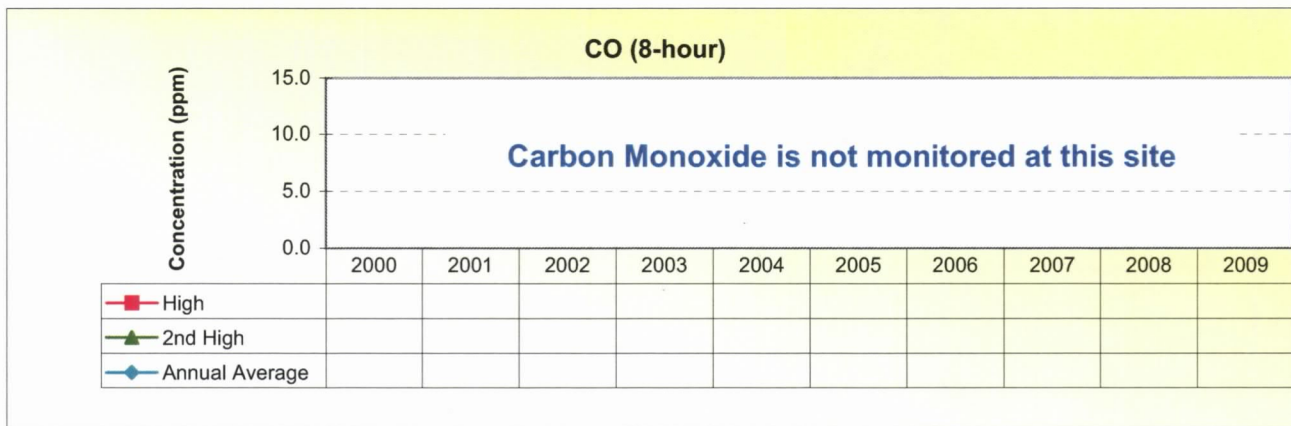
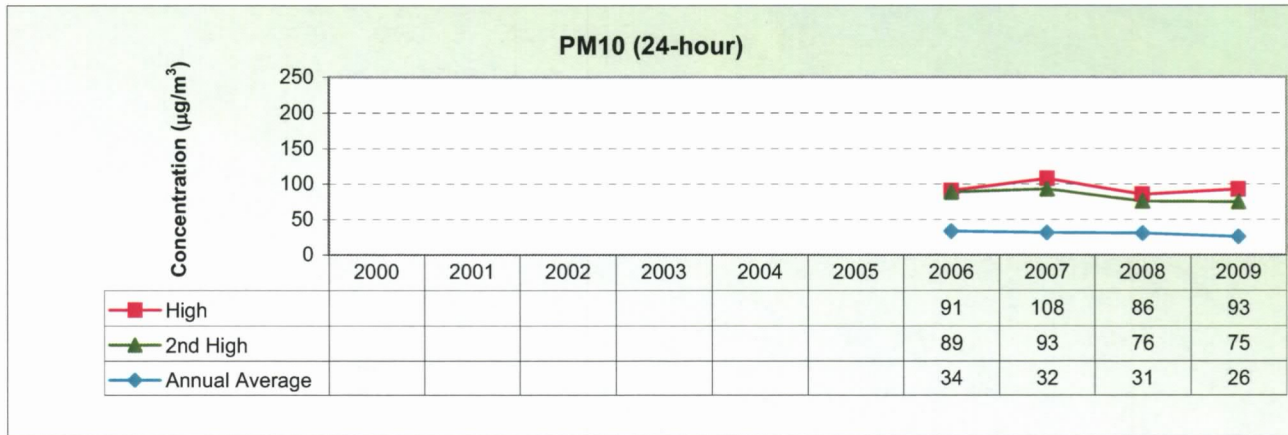
Station: South Reno



Station: Sparks

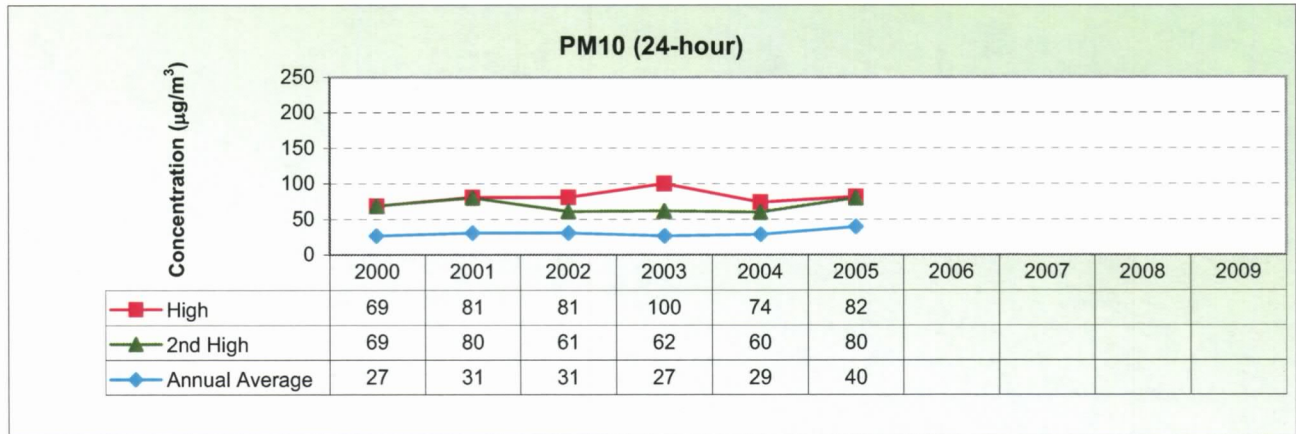


Station: Plumbkit



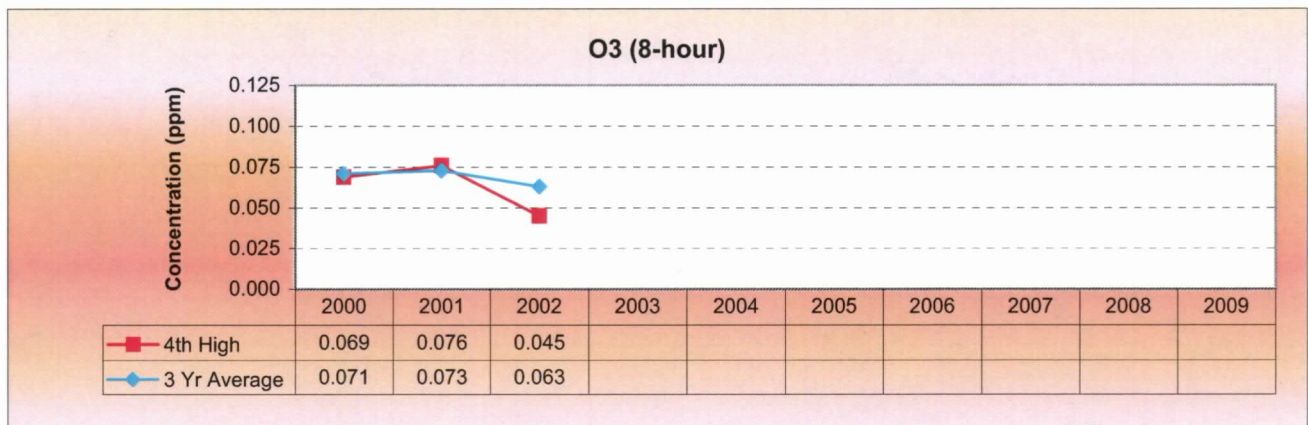
Note: PM10 monitoring for record began at this site in 2006

Station: Sun Valley



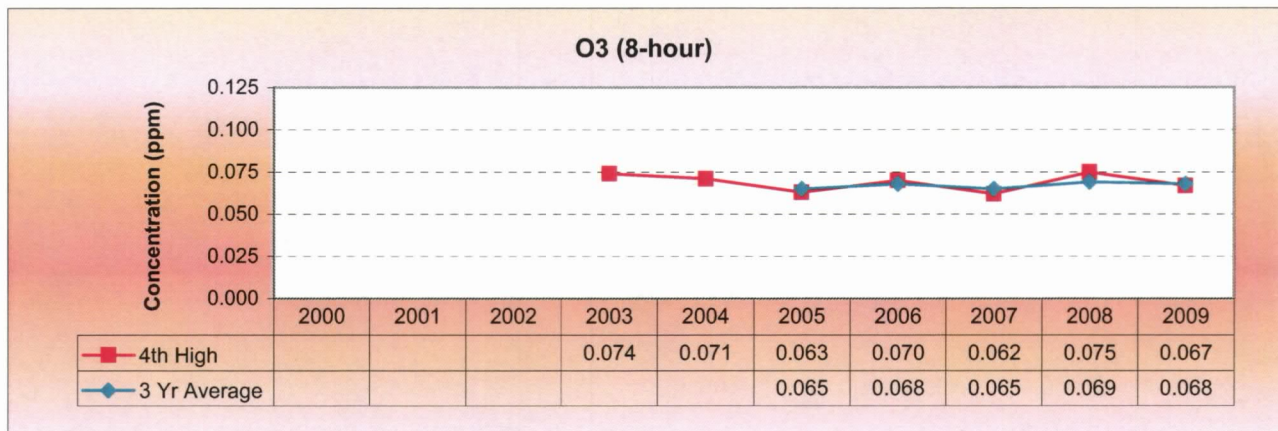
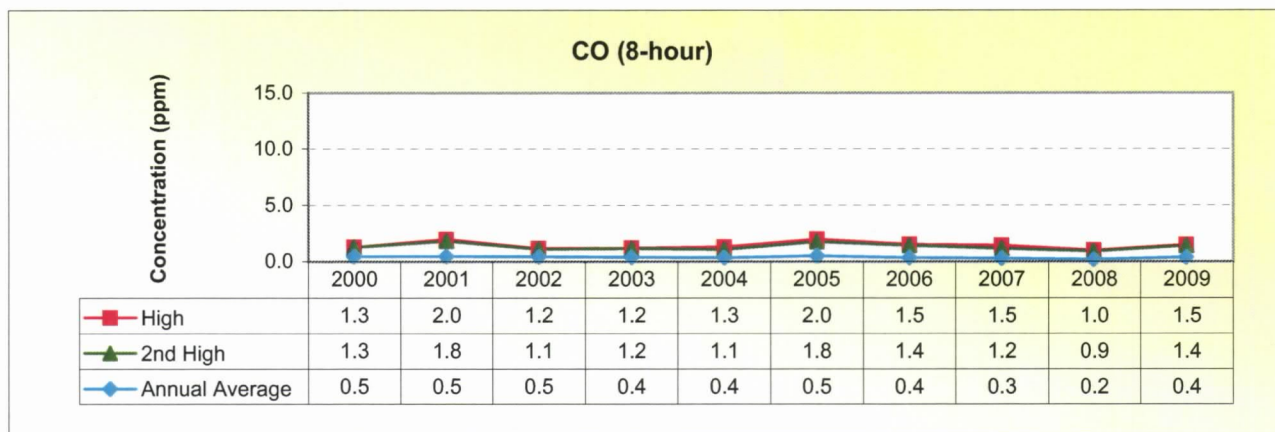
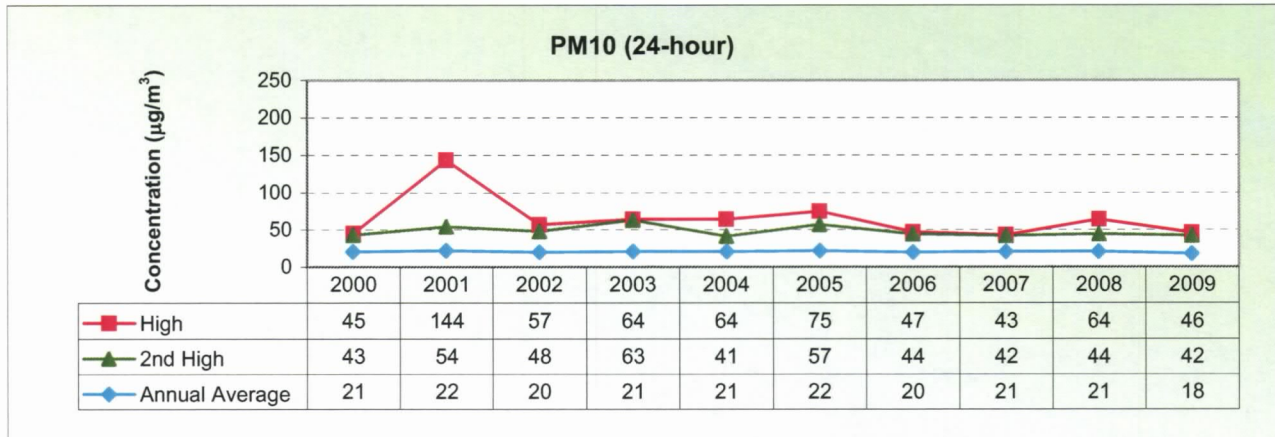
* Monitoring at Sun Valley was discontinued 3/24/05

Station: Mustang



Note: Monitoring at this site was discontinued 3/8/2002

Station: Toll



NOTE: Monitoring at this site started in 1996

Table 5
Carbon Monoxide (ppm) - 1 Hour Averages

Site	Statistics	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Galletti	High	6.8	7.9	7.3	6.4	5.6	4.7	5.2	4.2	3.6	3.1
	2nd High	6.8	7.1	6.9	6.1	5.3	4.0	4.8	4.1	3.4	3.0
Incline*	High	2.4	4.5	2.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2nd High	2.2	2.6	2.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Lemmon Valley	High	5.0	4.7	4.5	3.8	3.4	3.2	3.7	3.4	2.2	2.6
	2nd High	4.4	3.6	4.5	3.7	3.2	2.7	3.4	3.3	1.9	2.6
Reno	High	5.5	5.9	6.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2nd High	5.2	5.7	6.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Reno3*	High	n/a	n/a	6.14	5.2	4.5	4.3	3.6	3.7	2.5	3.2
	2nd High	n/a	n/a	5.94	4.8	3.7	4.0	3.5	3.5	2.5	2.9
South Reno	High	4.0	5.0	3.4	3.4	3.1	2.6	2.9	2.6	1.8	2.0
	2nd High	3.8	4.6	3.1	3.1	3.1	2.5	2.5	2.2	1.7	1.9
Sparks	High	7.6	8.2	7.2	6.2	5.9	4.5	4.9	4.7	4.2	4.5
	2nd High	7.2	7.0	6.7	6.1	5.8	4.4	4.5	4.7	3.8	4.2
Toll*	High	3.1	2.5	2.1	1.8	1.6	2.2	2.2	2.2	1.8	1.7
	2nd High	2.3	2.1	1.9	1.8	1.6	1.9	2.2	1.9	1.7	1.6

* Incline site discontinued CO monitoring in 2002 / Toll site opened 1996 / Reno3 site opened 2002
Washoe County did not exceed the one-hour NAAQS for CO during this period.

Table 6
Carbon Monoxide (ppm) - 8 Hour Averages

Site	Statistics	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Galletti	High	5.3	5.3	4.4	4.0	3.9	3.4	3.5	3.6	2.6	2.6
	2nd High	5.0	5.2	4.4	3.6	3.9	3.2	3.2	3.3	2.4	2.3
	8 Hour Exceedance	0	0	0	0	0	0	0	0	0	0
Incline*	High	1.2	2.0	1.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2nd High	1.1	2.0	1.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8 Hour Exceedance	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Lemmon Valley	High	2.4	2.8	2.6	2.0	2.1	2.1	2.2	1.8	1.5	1.7
	2nd High	2.1	2.4	2.3	1.9	2.1	1.8	1.9	1.8	1.5	1.5
	8 Hour Exceedance	0	0	0	0	0	0	0	0	0	0
Reno	High	4.1	3.8	5.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2nd High	3.6	3.7	4.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8 Hour Exceedance	0	0	0	0	0	0	0	0	0	0
Reno3*	High	n/a	n/a	3.61	2.9	2.7	3.0	2.9	2.2	1.8	2.2
	2nd High	n/a	n/a	3.23	2.6	2.5	2.9	2.6	2.2	1.6	2.1
	8 Hour Exceedance	n/a	n/a	0	0	0	0	0	0	0	0
South Reno	High	2.1	2.4	2.3	2.5	2.0	2.0	2.0	1.9	1.3	1.6
	2nd High	2.0	2.4	2.1	2.4	2.0	2.1	1.9	1.8	1.3	1.5
	8 Hour Exceedance	0	0	0	0	0	0	0	0	0	0
Sparks	High	5.4	5.2	4.8	4.0	3.9	3.3	3.5	3.2	2.8	3.3
	2nd High	5.2	4.6	4.4	3.8	3.9	3.2	3.0	3.1	2.8	2.9
	8 Hour Exceedance	0	0	0	0	0	0	0	0	0	0
Toll*	High	1.3	2.0	1.2	1.2	1.3	2.0	1.5	1.5	1.0	1.5
	2nd High	1.3	1.8	1.1	1.2	1.1	1.8	1.4	1.2	0.9	1.4
	8 Hour Exceedance	0	0	0	0	0	0	0	0	0	0

*Incline Site discontinued CO monitoring in 2002; Toll Site opened 1996; Reno3 Site opened 2002
Washoe County did not exceed the 8-hour NAAQS for CO during this period.

Table 7
Ozone (ppm) - 8 Hour Averages

Site	Year	1st High		2nd High		3rd High		4th High*		Month/ Day
		Month/ Day	Value	Month/ Day	Value	Month/ Day	Value	Month/ Day	Value	
Incline*	2007	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2008	6/24	0.075	7/26	0.074	6/14	0.073	6/14	0.072	6/13
	2009	8/11	0.068	8/12	0.064	9/19	0.064	9/19	0.063	6/24
	3 Yr Avg		0.071		0.069		0.068		0.067	
Lemmon Valley	2007	8/13	0.075	6/19	0.074	5/9	0.073	5/9	0.073	9/27
	2008	6/24	0.096	7/10	0.084	6/25	0.081	6/25	0.078	6/13
	2009	8/11	0.072	5/12	0.066	5/24	0.065	5/24	0.065	8/28
	3 Yr Avg		0.081		0.074		0.073		0.072	
Reno3*	2007	7/8	0.072	9/7	0.072	6/19	0.071	6/19	0.071	7/3
	2008	6/24	0.088	7/10	0.078	6/14	0.076	6/14	0.076	6/26
	2009	8/11	0.073	8/2	0.067	4/22	0.065	4/22	0.065	7/10
	3 Yr Avg		0.077		0.072		0.070		0.070	
South Reno	2007	7/3	0.074	5/27	0.072	7/8	0.072	7/8	0.072	7/9
	2008	7/10	0.079	6/24	0.072	7/26	0.071	7/26	0.067	6/26
	2009	8/11	0.066	5/12	0.065	8/2	0.063	8/2	0.062	7/24
	3 Yr Avg		0.073		0.069		0.068		0.067	
Sparks	2007	5/17	0.073	7/3	0.072	5/16	0.071	5/16	0.071	7/7
	2008	6/24	0.086	7/10	0.082	6/26	0.075	6/26	0.075	7/19
	2009	8/11	0.069	8/2	0.068	5/12	0.064	5/12	0.064	6/25
	3 Yr Avg		0.076		0.074		0.070		0.070	
Toll	2007	7/9	0.063	5/10	0.062	5/12	0.062	5/12	0.062	5/16
	2008	7/10	0.079	6/25	0.076	6/26	0.076	6/26	0.075	6/24
	2009	8/12	0.075	8/11	0.071	8/28	0.069	8/28	0.067	4/22
	3 Yr Avg		0.072		0.069		0.069		0.068	

*The primary & secondary ozone standards are met when the 3-year average of the annual fourth-highest daily maximum 8-hour average ozone concentration is less than or equal to 0.075 ppm. Washoe County did not violate the 8-hour NAAQS for Ozone during this period.

* Incline site temporarily closed from January 2006 until May 2008

Table 8
PM2.5 ($\mu\text{g}/\text{m}^3$)

Site	Statistics	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Reno	No. of Valid Samples	121	121	121							
	24 Hour 1st High	37.7	48.6	32.1							
	98th Percentile	31.3	41.8	25.8							
	Annual Average	8.8	10.3	9.1							
	Annual Standard Design Value		9.7	9.4							
Reno3*	No. of Valid Samples				121	115	121	121	119	123	122
	24 Hour 1st High				22.5	29.8	63.5	28.7	26.9	114.7	52.6
	98th Percentile				19.4	28.8	40.7	27	24	53.6	40.5
	Annual Average				7.3	8.1	9	7.6	8.6	10.1	7.9
	Annual Standard Design Value				8.9	8.2	8.1	8.2	8.2	8.6	8.7

* To attain the standard, the 3-year average of the weighted annual mean PM2.5 concentrations from single or multiple community-oriented monitors must not exceed 15.0 ug/m3

Table 9
PM10 ($\mu\text{g}/\text{m}^3$) - 24 Hour Averages

Site	Statistics	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Galletti	No. of Valid Samples	60	62	56	58	59	354	74	59	61	58
	24 Hour 1st High	100	113	97	108	126	173	118	130	87	91
	24 Hour 2nd High	96	108	93	84	80	153	106	115	87	88
Incline*	No. of Valid Samples	59	61	11	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	24 Hour 1st High	35	136	64	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	24 Hour 2nd High	34	52	31	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Reno	No. of Valid Samples	58	66	59	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	24 Hour 1st High	109	92	74	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	24 Hour 2nd High	79	88	60	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Reno3*	No. of Valid Samples	n/a	n/a	55	58	59	61	60	58	62	109
	24 Hour 1st High	n/a	n/a	66	69	83	79	97	69	92	78
	24 Hour 2nd High	n/a	n/a	51	52	58	60	70	67	84	72
Plumbkit	No. of Valid Samples	n/a	n/a	n/a	n/a	n/a	n/a	56	60	61	60
	24 Hour 1st High	n/a	n/a	n/a	n/a	n/a	n/a	91	108	86	93
	24 Hour 2nd High	n/a	n/a	n/a	n/a	n/a	n/a	89	93	76	75
So. Reno	No. of Valid Samples	58	61	59	58	59	61	58	57	61	57
	24 Hour 1st High	84	112	45	61	54	71	58	75	111	59
	24 Hour 2nd High	58	64	44	49	53	46	52	56	68	57
Sparks (Designated)	No. of Valid Samples	61	64	59	60	59	61	59	58	62	61
	24 Hour 1st High	68	78	60	85	90	72	76	76	101	67
	24 Hour 2nd High	65	72	59	76	66	71	69	66	63	64
Sun Valley*	No. of Valid Samples	61	61	60	61	59	15	n/a	n/a	n/a	n/a
	24 Hour 1st High	69	81	81	100	74	82	n/a	n/a	n/a	n/a
	24 Hour 2nd High	69	80	61	62	60	80	n/a	n/a	n/a	n/a
Toll Road	No. of Valid Samples	60	61	58	59	59	61	59	58	61	59
	24 Hour 1st High	45	144	57	37	64	75	47	43	64	46
	24 Hour 2nd High	43	54	48	36	41	57	44	42	44	42

* Incline Site opened 1993, PM monitor removed March 2002 / Reno3 Site opened 2002/ Plumbkit opened 2006/Sun Valley Site Closed March 2005

** Bold underlined numbers denote exceedances of the NAAQS (annual or 24 hr) for PM10. Because of the rounding procedures specified in 40 CFR 50, Appendix K, concentrations equal to, or less than, 154 are not considered exceedances. EPA revoked the annual PM10 standard effective December 2006.

Monitoring in Sun Valley was discontinued 3/24/05

2009

Washoe County

Air Quality Data

2009
Exceedance Days

Pollutant	Site	Date
Carbon Monoxide:	0 Exceedance Days	N/A
Ozone: 8 Hr.	0 Exceedance Days	N/A
Particulate Matter (PM10):	0 Exceedance Days	N/A
Particulate Matter (PM2.5):	3 Exceedance Days	December 9, 15, and 18

2009 ANNUAL SUMMARY
CARBON MONOXIDE (ppm) - EIGHT (8) HOUR AVERAGES

Location: Galletti

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.8	2.6	1/8	2.3	11/6	1.9	14/9	1.9	15/1
FEB	0.4	1.7	1/2	1.4	4/10	1.3	5/8	1.3	3/8
MAR	0.3	1.1	8/5	1.1	14/7	1.0	12/8	1.0	13/8
APR	0.2	0.6	7/8	0.6	19/3	0.6	17/6	0.6	22/7
MAY	0.1	0.5	18/8	0.3	16/4	0.3	4/7	0.3	9/4
JUN	0.2	0.5	23/7	0.4	24/9	0.4	28/3	0.4	30/8
JUL	0.2	0.5	1/7	0.5	7/7	0.4	2/9	0.4	14/8
AUG	0.2	0.7	26/9	0.7	20/9	0.7	31/8	0.6	9/3
SEP	0.4	1.2	27/2	1.1	26/2	1.1	28/9	1.0	25/2
OCT	0.4	1.3	8/8	1.1	11/7	1.1	22/6	1.0	9/3
NOV	0.5	1.8	17/8	1.3	1/7	1.3	27/1	1.3	20/1
DEC	0.7	1.9	19/3	1.8	18/3	1.7	1/8	1.6	14/2
ANNUAL STATISTICS	AVG. 0.4	HIGH 2.6	MONTH DATE/HOUR* Jan 1/8	2ND HIGH 2.3	MONTH DATE/HOUR* Jan 11/6	3RD HIGH 1.9	MONTH DATE/HOUR* Jan 14/9	4TH HIGH 1.9	MONTH DATE/HOUR* Jan 15/1

* Hour Beginning

2009 ANNUAL SUMMARY
CARBON MONOXIDE (ppm) - EIGHT (8) HOUR AVERAGES

Location: Lemmon Valley

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.6	1.5	11/2	1.4	14/1	1.4	15/1	1.3	1/1
FEB	0.4	1.2	5/1	1.1	4/8	1.0	21/3	1.0	2/8
MAR	0.3	0.9	12/7	0.8	11/7	0.8	8/6	0.8	13/6
APR	0.2	0.6	6/6	0.6	4/6	0.6	7/6	0.5	5/6
MAY	0.1	0.3	17/3	0.3	9/5	0.3	16/2	0.2	27/11
JUN	0.1	0.3	24/5	0.3	29/6	0.2	30/10	0.2	25/11
JUL	0.2	0.3	22/11	0.3	17/9	0.3	14/5	0.3	16/11
AUG	0.2	0.5	12/7	0.4	9/3	0.4	20/9	0.4	17/7
SEP	0.2	0.4	26/2	0.4	28/2	0.3	22/7	0.3	27/2
OCT	0.3	0.9	29/2	0.8	31/2	0.6	26/8	0.6	30/7
NOV	0.5	1.1	25/7	1.1	30/3	1.1	26/2	1.0	19/8
DEC	0.7	1.7	10/0	1.5	9/9	1.3	18/9	1.2	24/8

ANNUAL STATISTICS	AVG.	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.3	1.7	Dec 10/0	1.5	Jan 11/2	1.5	Dec 9/9	1.4	Jan 14/1

* Hour Beginning

2009 ANNUAL SUMMARY
CARBON MONOXIDE (ppm) - EIGHT (8) HOUR AVERAGES

Location: Reno3

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.4	2.2	1/7	1.6	28/1	1.5	11/8	1.4	14/13
FEB	0.2	0.6	5/11	0.6	4/12	0.5	1/1	0.5	20/11
MAR	0.1	0.7	14/9	0.6	8/5	0.4	25/11	0.4	31/10
APR	0.1	0.2	11/7	0.2	19/0	0.2	17/23	0.2	30/8
MAY	0.1	0.2	4/8	0.2	18/8	0.2	1/7	0.1	7/6
JUN	0.1	0.1	9/11	0.1	17/10	0.1	1/8	0.1	3/8
JUL	0.1	0.1	29/9	0.1	14/14	0.1	2/13	0.1	31/9
AUG	0.1	0.3	8/1	0.3	9/1	0.3	17/3	0.2	14/7
SEP	0.1	0.5	28/10	0.4	27/0	0.4	13/7	0.3	25/22
OCT	0.1	0.7	24/0	0.6	11/7	0.5	12/10	0.4	9/1
NOV	0.2	1.2	27/1	1.0	17/9	0.7	29/7	0.7	24/23
DEC	0.6	2.1	15/14	2.0	17/0	1.8	9/13	1.8	14/2

ANNUAL STATISTICS	AVG.	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.2	2.2	Jan 1/7	2.1	Dec 15/14	2.0	Dec 17/0	1.8	Dec 9/13

* Hour Beginning

2009 ANNUAL SUMMARY
CARBON MONOXIDE (ppm) - EIGHT (8) HOUR AVERAGES

Location: South Reno

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.7	1.5	21/22	1.5	23/0	1.4	22/10	1.3	12/11
FEB	0.4	0.9	5/10	0.9	8/7	0.8	6/4	0.8	4/10
MAR	0.2	0.5	31/10	0.5	24/8	0.5	27/8	0.4	25/10
APR	0.3	0.5	22/8	0.5	5/7	0.5	7/10	0.5	13/9
MAY	0.3	0.5	30/2	0.5	18/9	0.5	27/9	0.4	4/10
JUN	0.4	0.6	4/1	0.5	9/8	0.5	17/8	0.5	19/6
JUL	0.3	0.5	16/8	0.5	1/1	0.5	17/9	0.5	20/7
AUG	0.2	0.4	17/7	0.3	9/2	0.3	10/10	0.3	4/8
SEP	0.2	0.5	28/11	0.5	27/0	0.4	25/23	0.3	22/10
OCT	0.3	0.6	30/8	0.6	26/12	0.6	22/8	0.5	23/10
NOV	0.4	1.0	17/7	1.0	27/2	0.9	20/2	0.8	5/8
DEC	0.8	1.6	15/11	1.5	10/12	1.4	18/10	1.3	17/21

ANNUAL STATISTICS	AVG.	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.4	1.6	Dec 15/11	1.5	Jan 21/22	1.5	Jan 23/0	1.5	Dec 10/12

* Hour Beginning

2009 ANNUAL SUMMARY
CARBON MONOXIDE (ppm) - EIGHT (8) HOUR AVERAGES

Location: Sparks

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	1.0	3.3	1/1	2.9	11/3	2.5	15/0	2.4	14/0
FEB	0.6	2.2	1/4	2.1	5/1	1.8	3/9	1.7	2/6
MAR	0.4	1.6	13/10	1.4	11/9	1.4	12/8	1.3	8/4
APR	0.3	1.0	6/8	0.9	7/8	0.9	17/7	0.8	5/6
MAY	0.2	0.7	17/2	0.5	9/5	0.5	27/7	0.4	6/6
JUN	0.2	0.6	24/6	0.5	28/3	0.4	29/7	0.4	23/7
JUL	0.2	0.5	30/2	0.5	1/6	0.5	31/8	0.5	14/3
AUG	0.3	1.1	9/3	0.7	20/8	0.7	17/7	0.7	19/8
SEP	0.4	1.3	27/1	1.1	26/1	1.0	12/1	1.0	23/9
OCT	0.5	1.7	31/1	1.6	24/1	1.4	29/7	1.2	26/8
NOV	0.8	2.2	26/4	2.2	30/23	2.0	17/8	2.2	26/4
DEC	0.9	2.4	1/1	2.1	2/2	2.1	10/1	2.0	18/2
ANNUAL STATISTICS	AVG. 0.5	HIGH 3.3	MONTH DATE/HOUR* Jan 1/1	2ND HIGH 2.9	MONTH DATE/HOUR* Jan 11/3	3RD HIGH 2.5	MONTH DATE/HOUR* Jan 15/0	4TH HIGH 2.4	MONTH DATE/HOUR* Jan 14/0

* Hour Beginning

**2009 ANNUAL SUMMARY
CARBON MONOXIDE (ppm) - EIGHT (8) HOUR AVERAGES**

Location: Toll

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.6	1.2	22/23	1.0	28/11	1.0	16/13	1.0	21/13
FEB	0.6	1.5	3/7	1.4	4/7	1.3	6/7	1.2	12/6
MAR	0.2	0.5	1/3	0.4	31/11	0.4	11/11	0.4	12/10
APR	0.4	0.7	20/9	0.7	30/8	0.7	16/10	0.7	17/11
MAY	0.4	0.7	1/9	0.6	14/23	0.6	15/8	0.6	3/14
JUN	0.3	0.5	15/22	0.5	9/7	0.5	17/7	0.5	6/22
JUL	0.3	0.7	23/22	0.5	18/3	0.5	15/11	0.5	11/23
AUG	0.4	0.6	17/12	0.5	20/12	0.5	10/10	0.5	8/1
SEP	0.4	0.8	26/14	0.7	28/9	0.7	25/12	0.7	10/11
OCT	0.2	0.6	9/10	0.5	12/11	0.5	5/11	0.5	2/11
NOV	0.2	0.6	26/23	0.5	16/23	0.5	11/7	0.5	16/23
DEC	0.6	1.3	15/10	1.2	10/12	1.2	11/4	1.1	15/2

ANNUAL STATISTICS	AVG.	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.4	1.5	Feb 3/7	1.4	Feb 4/7	1.3	Feb 6/7	1.3	Dec 15/10

* Hour Beginning

2009 ANNUAL SUMMARY OZONE (ppm) - ONE (1) HOUR AVERAGES

Location: Incline

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.028	0.048	27/14	0.045	5/18	0.045	11/13	0.044	13/13
FEB	0.034	0.052	27/13	0.049	13/4	0.049	26/22	0.048	15/8
MAR	0.041	0.069	29/8	0.065	26/21	0.062	7/14	0.061	10/15
APR	0.045	0.071	22/21	0.066	3/14	0.066	16/15	0.063	17/14
MAY	0.040	0.067	12/17	0.062	23/17	0.062	24/9	0.060	10/13
JUN	0.038	0.070	24/17	0.068	26/9	0.063	28/14	0.063	29/12
JUL	0.042	0.066	11/12	0.061	10/10	0.060	2/18	0.059	17/11
AUG	0.042	0.073	12/13	0.072	11/15	0.068	23/2	0.066	28/13
SEP	0.040	0.067	19/18	0.063	29/1	0.062	13/10	0.061	20/0
OCT	0.032	0.058	12/9	0.054	3/17	0.052	2/17	0.061	8/13
NOV	0.035	0.053	20/3	0.053	21/14	0.052	9/23	0.052	11/10
DEC	0.033	0.050	24/22	0.050	25/13	0.048	6/20	0.047	9/12
ANNUAL STATISTICS	AVG. 0.025	HIGH 0.073	MONTH DATE/HOUR* Aug 12/13	2ND HIGH 0.072	MONTH DATE/HOUR* Aug 11/15	3RD HIGH 0.071	MONTH DATE/HOUR* Apr 22/21	4TH HIGH 0.070	MONTH DATE/HOUR* Jun 24/17

* Hour Beginning

**2009 ANNUAL SUMMARY
OZONE (ppm) - ONE (1) HOUR AVERAGES**

Location: Lemmon Valley

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.017	0.044	11/13	0.044	31/14	0.043	28/13	0.042	2/13
FEB	0.030	0.055	24/12	0.051	26/22	0.051	27/14	0.050	20/15
MAR	0.037	0.071	26/16	0.064	27/13	0.06	17/12	0.059	30/15
APR	0.039	0.071	22/21	0.062	6/13	0.062	28/11	0.062	30/11
MAY	0.041	0.074	24/8	0.069	12/11	0.065	23/22	0.064	16/16
JUN	0.038	0.068	25/10	0.068	30/11	0.066	27/14	0.066	29/9
JUL	0.042	0.069	10/11	0.069	24/11	0.067	16/10	0.066	17/9
AUG	0.039	0.076	11/20	0.072	28/15	0.068	10/13	0.068	27/13
SEP	0.031	0.066	17/13	0.064	19/8	0.062	16/14	0.059	9/14
OCT	0.024	0.052	12/11	0.051	3/11	0.049	2/15	0.048	7/15
NOV	0.023	0.052	11/13	0.050	20/9	0.048	9/14	0.048	17/20
DEC	0.020	0.051	8/14	0.045	15/13	0.044	31/23	0.043	22/9
ANNUAL STATISTICS	AVG. 0.032	HIGH 0.076	MONTH DATE/HOUR* Aug 11/20	2ND HIGH 0.074	MONTH DATE/HOUR* May 24/8	3RD HIGH 0.072	MONTH DATE/HOUR* Aug 28/15	4TH HIGH 0.071	MONTH DATE/HOUR* Mar 26/16

* Hour Beginning

2009 ANNUAL SUMMARY OZONE (ppm) - ONE (1) HOUR AVERAGES

Location: Reno3

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.010	0.039	28/14	0.038	25/3	0.037	2/13	0.037	12-Mar
FEB	0.023	0.048	27/13	0.047	22/2	0.047	24/12	0.046	15/11
MAR	0.032	0.066	26/17	0.054	17/12	0.053	7/12	0.053	22/8
APR	0.038	0.071	22/21	0.062	23/0	0.061	6/14	0.060	16/14
MAY	0.040	0.068	12/12	0.067	24/9	0.065	11/23	0.065	25/12
JUN	0.037	0.072	29/11	0.070	25/11	0.070	26/12	0.070	27/15
JUL	0.042	0.076	27/14	0.074	17/13	0.073	15/11	0.073	30/13
AUG	0.039	0.076	11/19	0.075	2/10	0.074	28/12	0.072	12/13
SEP	0.029	0.069	17/15	0.066	16/15	0.062	19/9	0.061	10/16
OCT	0.020	0.052	3/13	0.051	12/12	0.049	2/16	0.049	22/15
NOV	0.017	0.051	20/10	0.050	11/13	0.047	18/0	0.046	17/23
DEC	0.009	0.041	5/1	0.041	22/2	0.040	30/3	0.038	4/23
ANNUAL STATISTICS	AVG. 0.028	HIGH 0.076	MONTH DATE/HOUR* Jul 27/14	2ND HIGH 0.076	MONTH DATE/HOUR* Aug 11/19	3RD HIGH 0.075	MONTH DATE/HOUR* Aug 2/10	4TH HIGH 0.074	MONTH DATE/HOUR* Jul 17/13

* Hour Beginning

2009 ANNUAL SUMMARY
OZONE (ppm) - ONE (1) HOUR AVERAGES

Location: South Reno

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.010	0.038	2/13	0.037	3/13	0.037	28/13	0.037	31/15
FEB	0.023	0.051	27/13	0.049	26/13	0.048	24/8	0.047	25/12
MAR	0.031	0.068	26/17	0.058	27/13	0.057	7/13	0.056	17/13
APR	0.037	0.065	16/14	0.065	22/21	0.063	17/12	0.062	6/13
MAY	0.037	0.065	12/13	0.064	24/9	0.062	26/15	0.060	16/17
JUN	0.033	0.069	26/13	0.069	27/16	0.069	29/11	0.068	18/14
JUL	0.036	0.072	15/12	0.072	27/15	0.071	17/11	0.069	16/12
AUG	0.033	0.074	12/14	0.069	11/19	0.066	2/12	0.066	3/12
SEP	0.027	0.070	17/15	0.065	16/16	0.060	18/14	0.060	19/9
OCT	0.020	0.055	12/12	0.051	3/10	0.050	17/13	0.049	2/17
NOV	0.016	0.053	20/12	0.051	11/13	0.048	17/20	0.048	18/0
DEC	0.008	0.039	22/2	0.038	5/11	0.038	30/4	0.036	6/16
ANNUAL STATISTICS	AVG.	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.026	0.074	Aug 12/14	0.072	Jul 15/12	0.072	Jul 27/15	0.071	Jul 17/11

* Hour Beginning

2009 ANNUAL SUMMARY OZONE (ppm) - ONE (1) HOUR AVERAGES

Location: Sparks

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.010	0.039	25/3	0.039	28/15	0.038	31/15	0.037	3/14
FEB	0.021	0.049	24/12	0.048	26/21	0.048	27/14	0.047	22/13
MAR	0.030	0.069	26/16	0.057	28/13	0.057	30/16	0.055	13-Jul
APR	0.036	0.072	22/21	0.063	16/14	0.062	6/14	0.061	30/11
MAY	0.036	0.070	24/9	0.068	12/13	0.066	16/17	0.066	23/10
JUN	0.035	0.073	26/12	0.073	29/11	0.072	25/11	0.070	18/13
JUL	0.036	0.072	15/12	0.071	27/14	0.071	30/14	0.070	17/13
AUG	0.033	0.076	2/11	0.076	12/14	0.074	11/21	0.068	3/12
SEP	0.025	0.068	16/15	0.068	17/15	0.062	19/9	0.061	18/14
OCT	0.019	0.053	12/12	0.051	3/10	0.050	7/15	0.050	8/13
NOV	0.016	0.051	11/13	0.049	20/12	0.047	18/0	0.046	17/23
DEC	0.010	0.041	22/2	0.040	5/2	0.039	30/4	0.036	25/14
ANNUAL STATISTICS	AVG. 0.026	HIGH 0.076	MONTH DATE/HOUR* Aug 2/11	2ND HIGH 0.076	MONTH DATE/HOUR* Aug 12/14	3RD HIGH 0.074	MONTH DATE/HOUR* Aug 11/21	4TH HIGH 0.073	MONTH DATE/HOUR* Jun 26/12

* Hour Beginning

2009 ANNUAL SUMMARY OZONE (ppm) - ONE (1) HOUR AVERAGES

Location: Toll

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.016	0.039	2/13	0.039	24/21	0.038	25/2	0.038	31/14
FEB	0.029	0.050	26/23	0.049	22/1	0.049	24/11	0.048	21/15
MAR	0.035	0.070	26/17	0.062	29/5	0.060	27/13	0.060	28/12
APR	0.043	0.076	22/21	0.066	16/14	0.064	6/16	0.064	28/13
MAY	0.043	0.071	12/13	0.069	24/9	0.065	26/15	0.064	19/8
JUN	0.036	0.067	26/12	0.066	18/15	0.065	27/16	0.064	25/10
JUL	0.040	0.069	16/11	0.066	27/15	0.065	13/13	0.064	15/11
AUG	0.037	0.075	12/13	0.071	11/18	0.069	28/15	0.065	2/13
SEP	0.034	0.066	17/15	0.065	19/7	0.061	18/21	0.059	29/1
OCT	0.026	0.051	3/9	0.049	12/18	0.047	2/14	0.047	8/12
NOV	0.024	0.053	20/12	0.052	11/12	0.048	18/1	0.047	9/14
DEC	0.015	0.044	13/2	0.043	30/01	0.042	15/12	0.042	29/21
ANNUAL STATISTICS	AVG. 0.031	HIGH 0.076	MONTH DATE/HOUR* Apr 22/21	2ND HIGH 0.075	MONTH DATE/HOUR* Aug 12/13	3RD HIGH 0.071	MONTH DATE/HOUR* May 12/13	4TH HIGH 0.071	MONTH DATE/HOUR* Aug 11/18

* Hour Beginning

2009 ANNUAL SUMMARY
OZONE (ppm) - EIGHT (8) HOUR AVERAGES

Location: Incline

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.027	0.042	5/12	0.041	27/9	0.038	2/23	0.038	28/19
FEB	0.033	0.049	27/9	0.046	15/3	0.045	26/16	0.044	13/1
MAR	0.041	0.060	29/7	0.059	26/15	0.058	7/9	0.055	10/9
APR	0.044	0.061	22/15	0.060	16/10	0.060	17/10	0.059	3/8
MAY	0.040	0.062	12/11	0.058	23/10	0.058	24/8	0.057	19/7
JUN	0.038	0.063	24/12	0.062	26/8	0.060	29/9	0.059	28/10
JUL	0.041	0.059	10/8	0.059	11/8	0.055	7/20	0.055	9/9
AUG	0.041	0.068	11/11	0.064	12/7	0.060	22/23	0.060	28/10
SEP	0.040	0.064	19/16	0.060	19/5	0.056	20/8	0.055	13/8
OCT	0.032	0.052	3/10	0.051	12/8	0.049	12/16	0.048	2/23
NOV	0.034	0.051	11/9	0.049	9/19	0.049	20/2	0.048	10/13
DEC	0.033	0.048	25/8	0.046	24/18	0.045	15/20	0.044	22/16

ANNUAL STATISTICS	AVG.	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.037	0.068	Aug 11/11	0.064	Aug 12/7	0.064	Sep 19/16	0.063	Jun 24/12

* Hour Beginning

2009 ANNUAL SUMMARY
OZONE (ppm) - EIGHT (8) HOUR AVERAGES

Location: Lemmon Valley

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.016	0.039	28/10	0.038	2/7	0.037	3/10	0.037	5/9
FEB	0.029	0.051	24/6	0.048	26/9	0.048	27/10	0.046	20/11
MAR	0.036	0.063	26/11	0.057	27/9	0.056	17/9	0.054	7/10
APR	0.039	0.064	22/16	0.060	28/10	0.059	6/10	0.058	29/11
MAY	0.040	0.066	12/9	0.065	24/7	0.059	11/11	0.059	23/16
JUN	0.038	0.063	29/8	0.062	24/10	0.062	25/7	0.060	27/11
JUL	0.041	0.065	10/9	0.062	17/8	0.060	24/8	0.059	9/8
AUG	0.038	0.072	11/14	0.065	28/10	0.064	27/9	0.062	10/9
SEP	0.031	0.059	19/7	0.057	17/9	0.056	18/14	0.056	19/15
OCT	0.024	0.050	3/8	0.049	12/9	0.048	12/17	0.046	2/11
NOV	0.022	0.048	11/9	0.048	20/5	0.046	17/17	0.042	6/7
DEC	0.019	0.043	15/8	0.042	22/4	0.041	31/17	0.040	8/10

ANNUAL STATISTICS	AVG.	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.031	0.072	Aug 11/14	0.066	May 12/9	0.065	May 24/7	0.065	Aug 28/10

* Hour Beginning

2009 ANNUAL SUMMARY
OZONE (ppm) - EIGHT (8) HOUR AVERAGES

Location: Reno3

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.009	0.035	24/23	0.035	28/9	0.033	2/8	0.033	3/10
FEB	0.023	0.045	27/8	0.044	24/9	0.043	26/7	0.042	15/9
MAR	0.031	0.056	26/11	0.051	28/11	0.051	29/8	0.049	30/10
APR	0.037	0.065	22/18	0.058	28/9	0.057	6/10	0.056	16/10
MAY	0.040	0.064	12/10	0.061	24/8	0.060	16/11	0.060	26/8
JUN	0.037	0.062	24/10	0.062	25/8	0.062	29/9	0.061	27/9
JUL	0.042	0.065	10/10	0.064	17/9	0.062	27/8	0.061	9/9
AUG	0.038	0.073	11/15	0.067	2/9	0.064	28/10	0.062	10/10
SEP	0.029	0.058	17/10	0.058	19/9	0.056	16/12	0.055	18/13
OCT	0.020	0.049	3/9	0.047	12/11	0.044	11/10	0.042	2/12
NOV	0.017	0.048	20/7	0.043	17/19	0.042	11/12	0.039	22/6
DEC	0.008	0.039	4/23	0.038	22/0	0.035	22/8	0.034	5/8
ANNUAL STATISTICS	AVG. 0.028	HIGH 0.073	MONTH DATE/HOUR* Aug 11/15	2ND HIGH 0.067	MONTH DATE/HOUR* Aug 2/9	3RD HIGH 0.065	MONTH DATE/HOUR* Apr 22/18	4TH HIGH 0.065	MONTH DATE/HOUR* Jul 10/10

* Hour Beginning

2009 ANNUAL SUMMARY
OZONE (ppm) - EIGHT (8) HOUR AVERAGES

Location: South Reno

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.010	0.035	3/10	0.033	2/6	0.033	24/19	0.031	25/11
FEB	0.022	0.047	24/5	0.047	26/7	0.046	27/9	0.044	22/8
MAR	0.031	0.058	26/11	0.052	27/10	0.051	14/12	0.051	28/10
APR	0.037	0.060	16/11	0.059	6/10	0.058	22/15	0.056	13/9
MAY	0.037	0.065	12/13	0.064	24/9	0.062	26/15	0.060	16/17
JUN	0.033	0.061	26/10	0.060	29/9	0.059	18/10	0.059	25/9
JUL	0.036	0.062	27/10	0.061	17/9	0.059	9/9	0.059	15/9
AUG	0.033	0.066	11/14	0.063	2/9	0.061	12/8	0.060	28/10
SEP	0.026	0.061	17/9	0.058	19/9	0.056	16/11	0.054	18/11
OCT	0.020	0.049	3/9	0.047	12/11	0.045	2/12	0.044	11/10
NOV	0.015	0.048	20/5	0.045	17/18	0.041	11/12	0.040	22/8
DEC	0.008	0.039	22/2	0.038	5/11	0.038	30/4	0.036	6/16
ANNUAL STATISTICS	AVG. 0.026	HIGH 0.066	MONTH DATE/HOUR* Aug 11/14	2ND HIGH 0.065	MONTH DATE/HOUR* May 12/13	3RD HIGH 0.063	MONTH DATE/HOUR* Aug 2/9	4TH HIGH 0.062	MONTH DATE/HOUR* Jul 24/10

* Hour Beginning

2009 ANNUAL SUMMARY
OZONE (ppm) - EIGHT (8) HOUR AVERAGES

Location: Sparks

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.010	0.035	24/23	0.034	3/10	0.031	2/8	0.031	26/9
FEB	0.021	0.045	27/10	0.043	26/14	0.042	22/10	0.042	24/6
MAR	0.030	0.060	26/11	0.052	28/11	0.052	29/8	0.051	27/10
APR	0.036	0.060	16/11	0.060	22/15	0.059	6/10	0.058	28/11
MAY	0.035	0.064	12/9	0.063	24/8	0.060	16/11	0.059	23/9
JUN	0.034	0.064	25/8	0.063	24/10	0.063	29/9	0.062	26/10
JUL	0.035	0.063	17/9	0.061	9/8	0.060	10/8	0.060	15/9
AUG	0.033	0.069	11/15	0.068	2/8	0.062	27/10	0.061	12/9
SEP	0.024	0.058	17/10	0.058	19/9	0.055	16/10	0.055	18/13
OCT	0.018	0.048	3/9	0.045	12/11	0.043	11/11	0.040	2/11
NOV	0.015	0.045	20/5	0.038	17/20	0.038	22/9	0.037	7/8
DEC	0.009	0.039	22/0	0.037	5/1	0.037	22/8	0.035	5/9
ANNUAL STATISTICS	AVG. 0.025	HIGH 0.069	MONTH DATE/HOUR* Aug 11/15	2ND HIGH 0.068	MONTH DATE/HOUR* Aug 2/8	3RD HIGH 0.064	MONTH DATE/HOUR* May 12/9	4TH HIGH 0.064	MONTH DATE/HOUR* Jun 25/8

* Hour Beginning

**2009 ANNUAL SUMMARY
OZONE (ppm) - EIGHT (8) HOUR AVERAGES**

Location: Toll

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.016	0.037	24/20	0.035	2/7	0.034	3/9	0.033	8/8
FEB	0.029	0.045	21/22	0.044	22/9	0.044	24/4	0.044	26/7
MAR	0.035	0.061	26/11	0.054	27/10	0.054	28/10	0.054	29/0
APR	0.043	0.067	22/17	0.061	28/9	0.060	6/10	0.060	29/11
MAY	0.042	0.067	12/9	0.063	24/7	0.061	19/7	0.060	23/8
JUN	0.036	0.061	26/10	0.058	18/11	0.058	25/8	0.058	29/9
JUL	0.039	0.061	27/10	0.059	9/9	0.059	13/9	0.058	10/9
AUG	0.037	0.075	12/13	0.071	11/18	0.069	28/15	0.065	2/13
SEP	0.033	0.061	19/6	0.059	17/10	0.059	19/14	0.055	18/14
OCT	0.026	0.050	3/9	0.047	12/13	0.045	2/12	0.044	8/8
NOV	0.024	0.049	11/11	0.048	20/6	0.044	17/18	0.043	9/12
DEC	0.014	0.038	15/11	0.037	21/9	0.037	22/1	0.036	6/10
ANNUAL STATISTICS	AVG. 0.031	HIGH 0.075	MONTH DATE/HOUR* Aug 12/13	2ND HIGH 0.071	MONTH DATE/HOUR* Aug 11/18	3RD HIGH 0.069	MONTH DATE/HOUR* Aug 28/15	4TH HIGH 0.067	MONTH DATE/HOUR* Apr 22/17

* Hour Beginning

2009 ANNUAL SUMMARY
PM2.5 ($\mu\text{g}/\text{m}^3$) - 24 HOUR AVERAGES

Location: Reno3 (designated)

MONTH	AVG.	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	13.5	21.4	1st	19.9	22nd	17.3	28th	15.2	7th
FEB	5.1	11.0	3rd	7.7	21st	6.6	18th	4.2	6th
MAR	4.7	7.3	14th	6.8	17th	6.2	20th	6.1	11th
APR	4.8	6.1	4th	5.9	7th	5.9	13th	5.4	16th
MAY	5.4	7.9	16th	7.2	19th	6.2	22nd	6.2	31st
JUN	5.4	6.9	27th	6.6	12th	6.6	30th	6.2	24th
JUL	5.3	7.2	30th	6.5	18th	6.3	15th	6.1	9th
AUG	8.6	17.9	17th	12.6	8th	11.2	11th	9.2	20th
SEP	5.3	8.0	28th	5.9	19th	5.9	16th	5.8	25th
OCT	5.1	7.8	31st	7.4	10th	6.9	22nd	5.3	7th
NOV	8.0	13.3	30th	12.6	24th	11.7	9th	9.5	3rd
DEC	22.8	52.6	9th	41.2	18th	40.5	15th	24.3	24th
ANNUAL STATISTICS	AVG.	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
	10.20	52.6	Dec 9th	41.2	Dec 18th	40.5	Dec 15th	24.30	Dec 24th

* Hour Beginning

2009 ANNUAL SUMMARY
PM2.5 ($\mu\text{g}/\text{m}^3$) - 24 HOUR AVERAGES

Location: Reno3 (collocated)

MONTH	AVG.	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	13.1	21.1	1st	19.4	22nd	15.1	31st	14.8	16th
FEB	6.0	16.8	3rd	7.9	21st	6.5	18th	5.5	15th
MAR	4.7	7.3	14th	6.9	17th	6.2	20th	5.9	8th
APR	4.7	6.0	13th	5.9	4th	5.9	7th	5.5	16th
MAY	5.4	8.0	16th	7.0	19th	6.2	22nd	6.2	25th
JUN	5.3	7.0	27th	6.8	30th	6.4	12th	6.2	18th
JUL	5.2	6.9	30th	6.7	18th	6.3	15th	6.0	3rd
AUG	8.8	18.3	17th	13.2	8th	11.7	11th	9.3	20th
SEP	5.4	8.6	28th	6.0	10th	6.0	25th	5.9	19th
OCT	5.0	7.7	31st	6.8	22nd	6.7	10th	5.5	16th
NOV	7.5	13.3	30th	12.6	24th	9.4	3rd	8.8	15th
DEC	22.8	53.4	9th	41.1	18th	40.2	15th	24.3	24th
ANNUAL STATISTICS	AVG.	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
	9.90	53.40	Dec 9th	41.10	Dec 18th	40.20	Dec 15th	24.30	Dec 24th

* Hour Beginning

2009 ANNUAL SUMMARY
PM10 ($\mu\text{g}/\text{m}^3$) - 24 HOUR AVERAGES

Location: Galletti

MONTH	AVG.	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	62	91	7th	88	1st	67	13th	62	31st
FEB	30	38	12th	29	24th	23	6th	N/A	
MAR	32	50	14th	48	20th	30	8th	22	26th
APR	29	64	7th	30	13th	22	19th	18	1st
MAY	21	45	19th	18	13th	16	5th	16	25th
JUN	28	45	30th	32	24th	26	18th	8	6th
JUL	22	30	24th	27	30th	23	18th	19	6th
AUG	39	50	11th	41	17th	33	5th	31	29th
SEP	48	71	28th	50	22nd	42	16th	41	10th
OCT	23	32	10th	31	22nd	24	16th	19	28th
NOV	29	45	3rd	44	9th	21	15th	20	21st
DEC	49	77	15th	75	9th	42	3rd	29	27th

ANNUAL STATISTICS	AVG.	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
	33	91	Jan 7th	88	Jan 1st	77	Dec 15th	75	Dec 9th

* Hour Beginning

2009 ANNUAL SUMMARY
PM10 ($\mu\text{g}/\text{m}^3$) - 24 HOUR AVERAGES

Location: Plumbkit

MONTH	AVG.	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	57	93	1st	75	7th	61	13th	54	31st
FEB	21	28	18th	19	12th	19	24th	18	6th
MAR	22	34	14th	29	20th	24	8th	15	26th
APR	19	39	7th	19	13th	17	19th	13	1st
MAY	14	24	19th	16	31st	14	25th	11	7th
JUN	16	23	30th	18	24th	15	18th	15	12th
JUL	15	20	30th	18	24th	15	18th	10	12th
AUG	24	35	17th	27	11th	23	5th	17	29th
SEP	30	46	28th	27	10th	27	22nd	26	16th
OCT	19	24	22nd	23	10th	15	28th	13	4th
NOV	26	35	3rd	32	9th	28	15th	20	21st
DEC	48	73	9th	67	15th	38	27th	37	3rd
ANNUAL STATISTICS	AVG.	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
	26	93	Jan 1st	75	Jan 7th	73	Dec 9th	67	Dec 15th

* Hour Beginning

2009 ANNUAL SUMMARY
PM10 ($\mu\text{g}/\text{m}^3$) - 24 HOUR AVERAGES

Location: Reno3

MONTH	AVG.	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	47	72	1st	68	7th	47	31st	41	13th
FEB	17	22	18th	17	24th	14	6th	13	12th
MAR	18	31	14th	31	29th	23	20th	17	8th
APR	14	20	7th	19	22nd	16	4th	16	28th
MAY	15	24	19th	20	22nd	19	16th	16	28th
JUN	14	20	24th	18	27th	18	30th	16	18th
JUL	14	19	30th	17	9th	17	15th	17	18th
AUG	21	33	17th	26	20th	24	11th	22	8th
SEP	23	48	7th	33	28th	24	25th	22	10th
OCT	13	22	4th	20	1st	18	22nd	18	31st
NOV	18	29	24th	27	30th	24	3rd	22	9th
DEC	41	78	18th	72	9th	68	24th	66	15th
ANNUAL STATISTICS	AVG.	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
	20	78	Dec 18th	72	Jan 1st	72	Dec 9th	68	Jan 7th

* Hour Beginning

2009 ANNUAL SUMMARY
PM10 ($\mu\text{g}/\text{m}^3$) - 24 HOUR AVERAGES

Location: South Reno

MONTH	AVG.	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	38	59	7th	47	1st	45	13th	41	19th
FEB	14	19	6th	14	18th	11	12th	11	24th
MAR	13	22	20th	17	14th	11	8th	11	26th
APR	13	15	7th	15	13th	14	19th	11	1st
MAY	15	21	19th	15	25th	15	31st	13	13th
JUN	17	35	30th	17	24th	16	18th	13	12th
JUL	16	24	30th	18	25th	17	18th	11	6th
AUG	20	27	11th	27	17th	19	5th	17	23rd
SEP	23	28	28th	25	10th	23	22nd	22	16th
OCT	14	24	10th	12	16th	11	4th	9	28th
NOV	18	23	3rd	22	9th	15	15th	12	27th
DEC	36	57	31st	44	15th	24	3rd	18	21st
ANNUAL STATISTICS	AVG.	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
	20	59	Jan 7th	57	Dec 31st	47	Jan 1st	45	Jan 13th

* Hour Beginning

2009 ANNUAL SUMMARY
PM10 ($\mu\text{g}/\text{m}^3$) - 24 HOUR AVERAGES

Location: Sparks (designated)

MONTH	AVG.	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	52	64	1st	62	7th	60	13th	60	19th
FEB	17	18	6th	17	18th	16	24th	15	12th
MAR	17	50	14th	48	20th	30	8th	22	26th
APR	16	20	7th	19	22nd	16	4th	16	28th
MAY	14	26	19th	15	25th	14	13th	12	31st
JUN	16	30	24th	23	24th	14	18th	13	12th
JUL	17	23	30th	20	24th	18	18th	12	6th
AUG	21	30	11th	24	17th	20	5th	16	29th
SEP	28	35	28th	29	22nd	28	10th	27	16th
OCT	21	30	10th	23	16th	23	22nd	17	28th
NOV	27	40	3rd	38	9th	20	15th	18	21st
DEC	39	67	9th	47	15th	38	3rd	24	27th
ANNUAL STATISTICS	AVG.	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
	24	67	Dec 9th	64	Jan 1st	62	Jan 7th	60	Jan 13th

* Hour Beginning

2009 ANNUAL SUMMARY
PM10 ($\mu\text{g}/\text{m}^3$) - 24 HOUR AVERAGES

Location: Sparks (collocated)

MONTH	AVG.	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	52	64	7th	63	13th	62	1st	60	19th
FEB	18	19	6th	19	18th	17	24th	16	12th
MAR	17	25	14th	23	20th	20	8th	13	26th
APR	16	27	7th	18	19th	16	13th	9	1st
MAY	15	26	19th	16	25th	14	13th	12	31st
JUN	16	24	30th	22	24th	15	18th	13	12th
JUL	17	22	30th	20	24th	19	18th	13	6th
AUG	21	31	11th	24	17th	20	5th	15	29th
SEP	28	36	28th	29	22nd	28	10th	26	16th
OCT	20	31	10th	23	16th	22	22nd	17	28th
NOV	26	39	3rd	38	9th	20	15th	19	21st
DEC	38	66	9th	48	15th	39	3rd	23	27th

ANNUAL STATISTICS	AVG.	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
	24	66	Dec 9th	64	Jan 7th	63	Jan 13th	62	Jan 1st

* Hour Beginning

2009 ANNUAL SUMMARY
PM10 ($\mu\text{g}/\text{m}^3$) - 24 HOUR AVERAGES

Location: Toll

MONTH	AVG.	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	28	42	7th	39	1st	32	19th	28	13th
FEB	10	16	6th	9	12th	7	18th	6	24th
MAR	11	18	20th	13	14th	10	26th	9	8th
APR	11	13	7th	12	13th	11	19th	9	1st
MAY	16	34	19th	16	31st	14	25th	13	13th
JUN	13	19	24th	14	18th	12	12th	6	6th
JUL	15	18	18th	15	6th	15	24th	13	12th
AUG	24	35	11th	29	17th	22	5th	21	29th
SEP	29	39	28th	32	10th	29	16th	24	22nd
OCT	13	17	10th	15	22nd	13	16th	11	4th
NOV	15	25	9th	21	3rd	11	15th	10	21st
DEC	24	46	9th	27	27th	24	15th	18	3rd
ANNUAL STATISTICS	AVG.	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
	18	46	Dec 9th	42	Jan 7th	39	Jan 1st	39	Sep 28th

* Hour Beginning

2009 ANNUAL SUMMARY NO2 (ppm) - HOURLY AVERAGES

Location: Reno3

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.026	0.062	12/10	0.061	14/9	0.057	15/8	0.051	1/9
FEB	0.018	0.046	4/10	0.046	21/18	0.044	20/19	0.042	27/21
MAR	0.013	0.051	26/21	0.044	25/6	0.043	5/5	0.043	8/0
APR	0.011	0.047	30/5	0.045	4/23	0.043	5/0	0.043	16/21
MAY	0.009	0.045	6/4	0.038	4/5	0.037	8/22	0.037	18/6
JUN	0.010	0.036	26/23	0.033	23/1	0.029	30/22	0.028	20/22
JUL	0.010	0.038	28/8	0.035	29/8	0.035	14/7	0.032	7/3
AUG	0.011	0.040	14/7	0.040	20/9	0.038	21/7	0.035	13/2
SEP	0.017	0.048	19/0	0.047	21/19	0.043	10/9	0.043	22/18
OCT	0.019	0.049	12/8	0.046	23/19	0.045	8/21	0.044	9/0
NOV	0.024	0.054	5/9	0.053	17/8	0.052	19/9	0.049	30/9
DEC	0.041	0.096	10/10	0.095	9/11	0.083	18/10	0.073	15/10

ANNUAL STATISTICS	AVG.	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.017	0.096	Dec 10/10	0.095	Dec 9/11	0.083	Dec 18/10	0.073	Dec 15/10

* Hour Beginning

2009 ANNUAL SUMMARY NO (ppm) - HOURLY AVERAGES

Location: Reno3

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.045	0.298	15/8	0.272	14/8	0.262	7/8	0.230	1/6
FEB	0.014	0.163	5/7	0.144	2/8	0.137	3/7	0.137	20/8
MAR	0.008	0.123	14/6	0.107	18/7	0.098	25/6	0.083	12/8
APR	0.005	0.074	17/7	0.071	4/6	0.058	30/6	0.049	11/6
MAY	0.004	0.074	7/5	0.048	1/7	0.044	4/7	0.042	18/6
JUN	0.004	0.039	22/5	0.035	3/7	0.032	23/7	0.031	4/4
JUL	0.004	0.045	14/7	0.037	29/7	0.025	1/7	0.025	28/8
AUG	0.005	0.064	31/6	0.059	14/7	0.038	.038	0.029	18/9
SEP	0.008	0.098	1/6	0.084	28/5	0.065	21/6	0.062	12/7
OCT	0.013	0.153	12/8	0.139	29/8	0.115	17/7	0.113	26/7
NOV	0.021	0.182	5/9	0.169	30/9	0.147	19/9	0.134	17/8
DEC	0.062	0.313	9/7	0.313	18/8	0.278	16/20	0.267	1/8
ANNUAL STATISTICS	AVG. 0.016	HIGH 0.313	MONTH DATE/HOUR* Dec 9/7	2ND HIGH 0.313	MONTH DATE/HOUR* Dec 18/8	3RD HIGH 0.298	MONTH DATE/HOUR* Jan 15/8	4TH HIGH 0.278	MONTH DATE/HOUR* Dec 16/20

* Hour Beginning

2009 ANNUAL SUMMARY NOx (ppm) - HOURLY AVERAGES

Location: Reno3

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.072	0.355	15/8	0.328	14/8	0.305	7/8	0.253	28/8
FEB	0.031	0.200	5/7	0.182	2/8	0.180	20/8	0.171	3/7
MAR	0.022	0.163	14/6	0.147	18/7	0.141	25/6	0.121	12/8
APR	0.016	0.115	17/7	0.106	4/6	0.102	30/6	0.085	27/6
MAY	0.013	0.110	7/5	0.078	4/6	0.078	18/6	0.076	1/7
JUN	0.013	0.064	22/5	0.058	23/7	0.056	3/7	0.050	4/4
JUL	0.013	0.079	14/7	0.071	29/7	0.063	28/8	0.054	1/7
AUG	0.015	0.098	14/7	0.093	31/6	0.066	21/7	0.060	20/9
SEP	0.024	0.127	1/6	0.117	28/5	0.099	12/7	0.099	21/6
OCT	0.032	0.202	12/8	0.182	29/8	0.147	26/7	0.145	17/7
NOV	0.044	0.235	5/9	0.218	30/9	0.199	19/9	0.186	17/8
DEC	0.103	0.390	9/7	0.385	18/8	0.336	16/20	0.333	10/7

ANNUAL STATISTICS	AVG.	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.033	0.390	Dec 9/7	0.385	Dec 18/8	0.355	Jan 15/8	0.336	Dec 16/20

* Hour Beginning

2008

Washoe County

Air Quality Data

2008 Exceedance Days

Pollutant	Site	Date
Carbon Monoxide:	0 Exceedance Days	N/A
Ozone: 8 Hr.	6 Exceedance Days	June 13th, June 14th, June 24th, June 25th, June 26th, July 10th
Particulate Matter (PM-10):	0 Exceedance Days	N/A
Particulate Matter (PM-2.5):	4 Exceedance Days	June 25th, June 26th, July 2nd, July 11th

The monitored ozone exceedances on June 13th and June 14th were influenced by smoke from the Indians Fire in Monterey County, California.

The monitored ozone exceedances on June 24th, June 25th, June 26th and July 10th were influenced by smoke from numerous wild fires in Northern California.

The monitored PM 2.5 exceedances on July 2nd and July 11th were influenced by smoke from numerous wild fires in Northern California

2008 ANNUAL SUMMARY
CARBON MONOXIDE, ppm - EIGHT (8) HOUR AVERAGES

Location: Galletti

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.9	2.3	3/9	2.2	13/6	2.0	18/9	1.8	3/1
FEB	0.9	2.0	10/3	1.9	8/10	1.8	7/8	1.8	13/5
MAR	0.7	1.6	19/9	1.6	10/10	1.5	7/9	1.5	18/9
APR	0.5	1.3	2/9	1.3	3/9	1.3	4/8	1.2	13/4
MAY	0.4	1.0	5/10	1.0	16/8	0.9	20/7	0.8	6/10
JUN	0.4	1.5	25/9	1.2	24/23	0.9	14/7	0.9	21/6
JUL	0.5	2.0	10/10	1.4	21/8	1.4	4/19	1.3	14/9
AUG	0.5	1.2	16/7	1.2	30/7	1.1	15/8	1.1	14/9
SEP	0.7	1.9	25/10	1.6	26/9	1.3	9/8	1.2	18/10
OCT	0.8	2.4	24/7	2.0	28/10	1.8	15/9	1.8	23/23
NOV	0.9	2.3	13/1	2.0	19/0	2.0	19/10	1.8	18/7
DEC	0.8	2.6	7/5	1.9	1/9	1.9	11/11	1.8	31/23

ANNUAL STATISTICS	AVG	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.7	2.6	Dec 7/5	2.4	Oct 24/7	2.3	Jan 3/9	2.3	Nov 13/1

* Hour Beginning

2008 ANNUAL SUMMARY
CARBON MONOXIDE, ppm - EIGHT (8) HOUR AVERAGES

Location: Lemmon Valley

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.4	1.5	3/4	1.1	18/9	1.1	25/10	1.1	13/3
FEB	0.5	1.3	10/3	1.0	6/1	1.0	26/8	1.0	9/3
MAR	0.3	0.9	10/6	0.9	22/2	0.8	9/3	0.8	23/3
APR	0.2	0.5	2/7	0.5	3/11	0.5	11/7	0.4	13/3
MAY	0.3	0.5	5/6	0.5	19/9	0.4	8/7	0.4	2/6
JUN	0.3	1.5	25/9	1.4	25/1	1.2	26/7	0.8	24/8
JUL	0.4	1.3	10/6	1.2	11/0	0.9	13/7	0.8	9/22
AUG	0.3	0.4	15/9	0.4	12/10	0.4	29/7	0.4	13/9
SEP	0.2	0.4	14/4	0.4	10/7	0.4	11/2	0.4	6/3
OCT	0.3	0.8	25/2	0.7	23/7	0.7	27/9	0.6	24/7
NOV	0.4	1.1	22/2	1.1	16/1	1.1	18/0	1.1	25/1
DEC	0.5	1.2	6/2	1.2	31/7	1.1	7/1	1.1	29/2
ANNUAL STATISTICS	AVG. 0.3	HIGH 1.5	MONTH DATE/HOUR* Jan 3/4	2ND HIGH 1.5	MONTH DATE/HOUR* Jun 25/9	3RD HIGH 1.3	MONTH DATE/HOUR* Feb 10/3	4TH HIGH 1.3	MONTH DATE/HOUR* Jul 10/6

* Hour Beginning

2008 ANNUAL SUMMARY
CARBON MONOXIDE, ppm - EIGHT (8) HOUR AVERAGES

Location: Reno3

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.3	1.5	3/3	1.4	3/11	1.4	12/3	1.2	15/9
FEB	0.2	0.8	6/2	0.8	7/8	0.8	13/3	0.7	21/11
MAR	0.1	0.7	12/13	0.6	17/12	0.6	19/9	0.5	10/11
APR	0.1	0.5	12/1	0.4	27/1	0.2	18/9	0.2	2/13
MAY	0.1	0.3	16/6	0.3	20/9	0.2	5/10	0.2	9/13
JUN	0.2	1.3	25/1	1.3	25/10	0.7	28/4	0.5	26/9
JUL	0.2	1.1	11/3	1.0	10/10	0.8	10/2	0.5	10/19
AUG	0.1	0.3	25/8	0.3	30/8	0.2	6/23	0.2	6/8
SEP	0.1	0.8	25/12	0.3	27/0	0.3	27/22	0.2	9/9
OCT	0.2	0.9	28/13	0.8	15/11	0.6	24/12	0.5	13/8
NOV	0.3	1.3	19/13	1.2	13/0	1.0	15/1	0.9	11/10
DEC	0.4	1.8	31/23	1.6	28/4	1.6	31/12	1.2	1/14
ANNUAL STATISTICS	AVG. 0.2	HIGH 1.8	MONTH DATE/HOUR* Dec 31/23	2ND HIGH 1.6	MONTH DATE/HOUR* Dec 28/4	3RD HIGH 1.6	MONTH DATE/HOUR* Dec 31/12	4TH HIGH 1.5	MONTH DATE/HOUR* Jan 3/3

* Hour Beginning

2008 ANNUAL SUMMARY
CARBON MONOXIDE, ppm - EIGHT (8) HOUR AVERAGES

Location: South Reno

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.5	1.2	3/10	1.1	15/9	1.0	2/23	0.9	18/10
FEB	0.5	1.0	12/1	0.9	13/4	0.8	6/3	0.8	9/1
MAR	0.4	0.7	12/10	0.7	19/10	0.7	24/12	0.7	3/7
APR	0.4	0.7	11/8	0.6	18/8	0.6	17/8	0.6	2/8
MAY	0.3	0.5	5/12	0.5	16/8	0.5	20/6	0.5	9/9
JUN	0.4	1.3	25/1	1.2	25/10	1.0	26/9	0.9	24/11
JUL	0.5	1.3	10/10	1.3	11/6	1.1	10/22	0.9	10/1
AUG	0.3	0.7	25/8	0.7	29/9	0.7	27/9	0.7	22/9
SEP	0.3	0.7	4/9	0.7	25/10	0.7	2/10	0.7	3/10
OCT	0.3	0.6	13/9	0.6	24/10	0.6	28/11	0.6	30/11
NOV	0.4	1.3	25/1	1.0	24/13	0.9	22/13	0.8	29/7
DEC	0.6	1.3	31/11	1.2	21/6	1.1	18/13	1.1	29/9
ANNUAL STATISTICS	AVG.	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.4	1.3	Jun 25/1	1.3	Jul 10/10	1.3	Nov 25/1	1.3	Dec 31/11

* Hour Beginning

2008 ANNUAL SUMMARY
CARBON MONOXIDE, ppm - EIGHT (8) HOUR AVERAGES

Location: Sparks

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.7	2.1	3/2	2.0	13/4	1.9	18/8	1.7	19/23
FEB	0.7	1.9	9/4	1.8	10/4	1.8	8/10	1.7	17/4
MAR	0.4	1.3	18/8	1.3	17/9	1.2	7/7	1.2	21/8
APR	0.3	1.1	2/8	0.9	17/7	0.9	18/7	0.9	21/9
MAY	0.3	2.0	31/19	0.9	17/2	0.9	2/6	0.6	19/10
JUN	0.5	1.7	1/20	1.7	25/9	1.5	24/23	1.4	26/8
JUL	0.5	1.5	10/9	1.3	11/1	1.1	10/1	1.0	13/3
AUG	0.3	0.8	29/10	0.7	12/7	0.6	7/7	0.6	27/8
SEP	0.4	1.1	29/10	1.0	14/1	0.9	25/10	0.9	24/9
OCT	0.6	1.7	27/23	1.6	28/9	1.5	24/9	1.4	29/8
NOV	0.9	2.1	18/0	2.1	13/0	2.1	29/2	2.1	19/0
DEC	0.9	2.8	31/23	2.8	7/0	2.7	8/0	2.6	31/1
ANNUAL STATISTICS	AVG. 0.5	HIGH 2.8	MONTH DATE/HOUR* Dec 31/23	2ND HIGH 2.8	MONTH DATE/HOUR* Dec 7/0	3RD HIGH 2.7	MONTH DATE/HOUR* Dec 8/0	4TH HIGH 2.6	MONTH DATE/HOUR* Dec 31/1

* Hour Beginning

2008 ANNUAL SUMMARY
CARBON MONOXIDE, ppm - EIGHT (8) HOUR AVERAGES

Location: _____ Toll _____

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.2	0.8	3/9	0.8	15/9	0.6	10/13	0.5	14/23
FEB	0.2	0.5	27/12	0.4	28/10	0.3	5/11	0.3	6/2
MAR	0.2	0.4	6/12	0.4	12/11	0.4	7/12	0.4	21/8
APR	0.1	0.4	22/11	0.3	25/23	0.3	28/9	0.3	25/11
MAY	0.1	0.2	5/11	0.2	27/11	0.2	1/9	0.2	8/11
JUN	0.2	0.8	25/2	0.8	25/11	0.7	24/11	0.6	26/10
JUL	0.2	0.8	10/10	0.7	11/2	0.5	10/2	0.5	10/18
AUG	0.1	0.2	1/12	0.2	7/10	0.2	29/9	0.1	5/21
SEP	0.1	0.5	27/13	0.4	25/8	0.4	29/11	0.3	23/11
OCT	0.1	0.4	30/11	0.4	29/11	0.3	28/11	0.3	17/10
NOV	0.4	0.8	22/14	0.8	19/12	0.8	25/23	0.8	24/10
DEC	0.5	1.0	18/11	0.9	21/11	0.9	11/12	0.8	31/11
ANNUAL STATISTICS	AVG. 0.2	HIGH 1.0	MONTH DATE/HOUR* Dec 18/11	2ND HIGH 0.9	MONTH DATE/HOUR* Dec 21/11	3RD HIGH 0.9	MONTH DATE/HOUR* Dec 11/12	4TH HIGH 0.8	MONTH DATE/HOUR* Jan 3/9

* Hour Beginning

2008 ANNUAL SUMMARY OZONE, ppm - HOURLY AVERAGES

Location: _____ Incline _____

MONTH	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	NA		NA		NA		NA	
FEB	NA		NA		NA		NA	
MAR	NA		NA		NA		NA	
APR	NA		NA		NA		NA	
MAY	0.034	31/10	0.052	30/14	0.049	25/14	0.047	27/13
JUN	0.047	24/18	0.086	25/10	0.078	13/16	0.077	14/16
JUL	0.048	7/15	0.079	10/10	0.079	16/12	0.078	26/14
AUG	0.042	14/18	0.070	15/10	0.063	16/11	0.061	12/12
SEPT	0.042	4/10	0.062	17/13	0.062	24/11	0.059	23/14
OCT	0.032	1/10	0.054	25/14	0.053	24/13	0.051	18/12
NOV	0.026	14/20	0.043	20/5	0.043	23/13	0.042	3/11
DEC	0.026	2/12	0.044	8/5	0.044	9/10	0.043	13/6
ANNUAL STATISTICS	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.025	Jun 24/18	0.086	Jun 25/10	0.081	Jul 7/15	0.079	Jul 10/10

* Hour Beginning
Incline shelter down until May 14, 2008

2008 ANNUAL SUMMARY OZONE, ppm - ONE (1) HOUR AVERAGES

Location: Lemmon Valley

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.028	0.056	27/16	0.049	20/13	0.048	8/5	0.045	5/1
FEB	0.026	0.054	27/14	0.053	24/6	0.051	20/15	0.050	19/16
MAR	0.037	0.058	7/14	0.057	12/11	0.056	8/13	0.056	9/13
APR	0.045	0.076	29/13	0.070	18/12	0.068	19/3	0.068	21/11
MAY	0.041	0.071	3/12	0.070	20/20	0.068	10/14	0.067	5/14
JUN	0.048	0.102	24/18	0.099	25/9	0.085	14/10	0.085	23/17
JUL	0.050	0.094	10/11	0.080	9/15	0.080	26/10	0.078	19/12
AUG	0.041	0.072	12/15	0.071	11/16	0.071	16/10	0.070	22/16
SEP	0.035	0.069	17/13	0.069	23/16	0.067	24/13	0.066	3/15
OCT	0.025	0.068	1/13	0.053	18/12	0.053	25/14	0.052	6/15
NOV	0.017	0.046	3/14	0.042	2/21	0.042	19/14	0.041	5/15
DEC	0.022	0.048	2/10	0.044	21/22	0.044	25/12	0.043	7/14
ANNUAL STATISTICS	0.035	HIGH 0.102	MONTH DATE/HOUR* Jun 24/18	2ND HIGH 0.099	MONTH DATE/HOUR* Jun 25/9	3RD HIGH 0.094	MONTH DATE/HOUR* Jul 10/11	4TH HIGH 0.085	MONTH DATE/HOUR* Jun 14/10

* Hour Beginning

2008 ANNUAL SUMMARY
OZONE, ppm - ONE (1) HOUR AVERAGES

Location: Renos3

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.019	0.053	27/16	0.046	20/12	0.045	28/0	0.044	4/23
FEB	0.019	0.051	29/23	0.049	24/4	0.047	17/14	0.045	25/14
MAR	0.030	0.056	9/15	0.054	8/14	0.053	1/3	0.053	23/12
APR	0.039	0.072	29/11	0.068	18/20	0.067	19/4	0.064	14/19
MAY	0.036	0.071	3/13	0.064	5/16	0.064	11/18	0.063	10/13
JUN	0.044	0.110	25/11	0.096	24/18	0.084	26/15	0.081	14/23
JUL	0.045	0.094	10/11	0.088	19/12	0.086	27/11	0.081	26/11
AUG	0.036	0.073	6/13	0.073	7/12	0.069	12/14	0.069	16/9
SEP	0.032	0.066	4/13	0.064	3/16	0.064	6/15	0.063	13/12
OCT	0.020	0.058	1/12	0.049	15/15	0.047	9/2	0.045	15/15
NOV	0.011	0.040	3/14	0.038	2/4	0.038	4/0	0.036	5/15
DEC	0.013	0.044	2/11	0.043	21/22	0.041	19/3	0.040	25/12
ANNUAL STATISTICS	0.029	HIGH 0.110	MONTH DATE/HOUR* Jun 25/11	2ND HIGH 0.096	MONTH DATE/HOUR* Jun 24/18	3RD HIGH 0.094	MONTH DATE/HOUR* Jul 10/11	4TH HIGH 0.088	MONTH DATE/HOUR* Jul 19/12

* Hour Beginning

**2008 ANNUAL SUMMARY
OZONE, ppm - ONE (1) HOUR AVERAGES**

Location: **South Reno**

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.019	0.053	27/16	0.046	28/0	0.045	20/13	0.045	5/0
FEB	0.020	0.055	29/23	0.052	24/5	0.050	26/15	0.050	27/14
MAR	0.032	0.059	9/15	0.056	8/14	0.056	23/13	0.054	12/12
APR	0.033	0.069	29/13	0.062	19/19	0.058	14/19	0.056	30/1
MAY	0.028	0.054	3/12	0.052	11/20	0.052	12/14	0.052	31/11
JUN	0.034	0.086	25/10	0.080	24/18	0.072	26/12	0.067	13/17
JUL	0.038	0.092	10/11	0.087	19/12	0.078	26/11	0.076	14/12
AUG	0.030	0.062	6/12	0.059	12/14	0.059	16/9	0.062	6/12
SEP	0.028	0.070	4/14	0.069	3/17	0.062	13/11	0.061	6/15
OCT	0.018	0.057	1/12	0.047	28/13	0.045	17/14	0.044	7/15
NOV	0.010	0.040	3/12	0.038	4/2	0.036	20/13	0.035	15/13
DEC	0.013	0.044	2/12	0.042	21/21	0.040	19/3	0.039	18/22
ANNUAL STATISTICS	0.025	HIGH 0.092	MONTH DATE/HOUR* Jul 10/11	2ND HIGH 0.087	MONTH DATE/HOUR* Jul 19/12	3RD HIGH 0.086	MONTH DATE/HOUR* Jun 25/10	4TH HIGH 0.080	MONTH DATE/HOUR* Jun 24/18

* Hour Beginning

2008 ANNUAL SUMMARY
OZONE, ppm - ONE (1) HOUR AVERAGES

Location: Sparks

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.019	0.053	27/15	0.044	20/11	0.041	28/2	0.041	5/2
FEB	0.018	0.052	27/14	0.050	29/23	0.048	17/14	0.047	25/15
MAR	0.030	0.055	8/14	0.055	23/13	0.054	7/14	0.054	15-Sep
APR	0.039	0.073	29/13	0.065	18/9	0.065	19/14	0.065	30/0
MAY	0.035	0.074	3/12	0.066	5/15	0.066	31/11	0.065	20/20
JUN	0.040	0.112	25/10	0.101	24/12	0.086	26/11	0.083	14/22
JUL	0.040	0.106	10/11	0.092	19/12	0.084	14/12	0.082	26/11
AUG	0.031	0.073	6/13	0.071	10/13	0.070	12/13	0.068	7/12
SEP	0.025	0.070	24/12	0.066	3/16	.063	13/11	0.063	17/13
OCT	0.018	0.059	1/12	0.049	18/14	0.048	15/14	0.046	5/13
NOV	0.011	0.040	3/12	0.038	4/0	0.036	14/14	0.036	21/14
DEC	0.013	0.046	2/11	0.040	21/22	0.040	25/12	0.039	22/5
ANNUAL STATISTICS	0.027	HIGH 0.112	MONTH DATE/HOUR* Jun 25/10	2ND HIGH 0.106	MONTH DATE/HOUR* Jul 10/11	3RD HIGH 0.101	MONTH DATE/HOUR* Jun 24/12	4TH HIGH 0.092	MONTH DATE/HOUR* Jul 19/12

* Hour Beginning

2008 ANNUAL SUMMARY OZONE, ppm - ONE (1) HOUR AVERAGES

Location: Toll

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.022	0.045	27/15	0.042	20/13	0.039	5/0	0.039	4/23
FEB	0.024	0.043	29/23	0.042	27/14	0.041	24/2	0.041	25/14
MAR	0.029	0.046	1/3	0.046	12/12	0.045	9/15	0.045	20/9
APR	0.039	0.075	29/15	0.073	18/21	0.071	19/1	0.063	21/11
MAY	0.039	0.068	3/15	0.066	13/12	0.064	5/15	0.063	11/16
JUN	0.044	0.101	25/10	0.084	24/12	0.083	26/12	0.078	14/18
JUL	0.043	0.098	10/11	0.083	14/12	0.079	19/11	0.079	26/11
AUG	0.036	0.066	16/10	0.064	6/12	0.064	10/14	0.063	23/10
SEP	0.034	0.065	4/15	0.059	3/17	0.059	24/11	0.058	17/13
OCT	0.025	0.054	1/12	0.048	18/13	0.046	25/14	0.043	7/13
NOV	0.017	0.041	3/12	0.040	20/8	0.039	4/11	0.037	5/12
DEC	0.020	0.045	2/12	0.041	18/22	0.041	29/10	0.040	19/0
ANNUAL STATISTICS	0.031	HIGH 0.101	MONTH DATE/HOUR* Jun 25/10	2ND HIGH 0.098	MONTH DATE/HOUR* Jul 10/11	3RD HIGH 0.084	MONTH DATE/HOUR* Jun 24/12	4TH HIGH 0.083	MONTH DATE/HOUR* Jun 26/12

* Hour Beginning

2008 ANNUAL SUMMARY
OZONE, ppm - EIGHT (8) HOUR AVERAGES

Location: Incline

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN		NA		NA		NA		NA	
FEB		NA		NA		NA		NA	
MAR		NA		NA		NA		NA	
APR		NA		NA		NA		NA	
MAY	0.033	0.055	31/8	0.049	30/10	0.044	27/10	0.044	21/12
JUN	0.046	0.075	24/11	0.073	14/11	0.072	13/11	0.071	25/7
JUL	0.048	0.074	26/10	0.072	10/9	0.067	13/11	0.066	19/12
AUG	0.042	0.060	14/17	0.060	15/8	0.058	12/10	0.058	16/8
SEP	0.041	0.059	24/9	0.057	17/9	0.056	4/8	0.054	23/9
OCT	0.032	0.047	1/9	0.047	24/9	0.046	25/8	0.044	8/10
NOV	0.025	0.040	3/8	0.039	3/20	0.039	14/18	0.039	20/4
DEC	0.025	0.042	2/8	0.041	8/2	0.040	18/17	0.039	9/8
ANNUAL STATISTICS		HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
0.024		0.075	Jun 24/7	0.074	Jul 26/10	0.073	Jun 14/11	0.072	Jun 13/11

* Hour Beginning

2008 ANNUAL SUMMARY OZONE, ppm - EIGHT (8) HOUR AVERAGES

Location: Lemmon Valley

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.028	0.050	27/15	0.046	20/10	0.045	8/4	0.044	5/0
FEB	0.026	0.051	29/22	0.048	20/11	0.046	24/3	0.046	27/11
MAR	0.036	0.054	8/7	0.054	12/8	0.053	7/13	0.053	23/10
APR	0.045	0.073	29/8	0.070	29/16	0.069	18/9	0.067	18/17
MAY	0.041	0.068	3/10	0.063	5/11	0.063	13/8	0.061	10/11
JUN	0.048	0.096	24/12	0.081	25/8	0.078	13/13	0.077	14/9
JUL	0.049	0.084	10/9	0.072	9/11	0.071	19/8	0.071	26/8
AUG	0.041	0.064	12/10	0.059	6/8	0.059	11/11	0.059	23/8
SEP	0.034	0.062	24/9	0.061	17/10	0.060	23/10	0.059	3/10
OCT	0.025	0.056	1/9	0.045	18/11	0.045	24/10	0.045	25/10
NOV	0.017	0.041	3/10	0.040	2/14	0.039	3/18	0.039	20/6
DEC	0.021	0.044	2/8	0.041	18/12	0.041	18/20	0.041	19/4
ANNUAL STATISTICS	0.034	HIGH 0.096	MONTH DATE/HOUR* Jun 24/12	2ND HIGH 0.084	MONTH DATE/HOUR* Jul 10/9	3RD HIGH 0.081	MONTH DATE/HOUR* Jun 25/8	4TH HIGH 0.078	MONTH DATE/HOUR* Jun 13/13

* Hour Beginning

2008 ANNUAL SUMMARY OZONE, ppm - EIGHT (8) HOUR AVERAGES

Location: Reno3

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.018	0.048	27/15	0.043	20/8	0.041	4/22	0.039	31/22
FEB	0.019	0.050	29/22	0.044	24/3	0.040	3/2	0.038	17/10
MAR	0.030	0.052	8/8	0.050	9/10	0.049	23/11	0.049	30/8
APR	0.039	0.067	29/8	0.066	29/16	0.064	18/13	0.063	19/2
MAY	0.036	0.066	3/10	0.060	11/11	0.059	5/11	0.058	31/8
JUN	0.043	0.088	24/11	0.076	14/16	0.076	26/9	0.074	13/13
JUL	0.044	0.078	10/11	0.073	19/8	0.071	26/8	0.070	13/9
AUG	0.036	0.063	12/9	0.059	6/9	0.059	10/10	0.059	23/8
SEP	0.031	0.057	3/10	0.057	24/8	0.056	13/9	0.056	17/10
OCT	0.019	0.045	1/11	0.045	8/19	0.038	5/9	0.037	4/9
NOV	0.011	0.037	3/19	0.034	2/2	0.034	4/3	0.033	2/10
DEC	0.013	0.039	2/8	0.039	18/19	0.038	19/3	0.035	13/2
ANNUAL STATISTICS	0.028	HIGH 0.088	MONTH DATE/HOUR* Jun 24/11	2ND HIGH 0.078	MONTH DATE/HOUR* Jul 10/11	3RD HIGH 0.076	MONTH DATE/HOUR* Jun 14/16	4TH HIGH 0.076	MONTH DATE/HOUR* Jun 26/9

* Hour Beginning

2008 ANNUAL SUMMARY OZONE, ppm - EIGHT (8) HOUR AVERAGES

Location: South Reno

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.019	0.049	27/13	0.044	27/21	0.042	4/20	0.042	20/10
FEB	0.020	0.052	29/20	0.048	24/2	0.044	24/10	0.043	28/11
MAR	0.031	0.054	8/8	0.053	9/10	0.051	23/11	0.051	30/10
APR	0.032	0.063	29/8	0.058	19/13	0.057	29/16	0.053	19/3
MAY	0.028	0.053	3/11	0.049	11/13	0.048	10-Dec	0.047	31/9
JUN	0.034	0.072	24/12	0.067	26/9	0.065	25/9	0.063	14/13
JUL	0.038	0.079	10/10	0.071	26/9	0.067	19/9	0.067	27/10
AUG	0.029	0.055	12/11	0.054	6/9	0.051	10/10	0.050	23/9
SEP	0.027	0.057	4/9	0.056	3/10	0.055	6/11	0.054	24/11
OCT	0.018	0.046	1/9	0.038	5/9	0.037	7/10	0.037	8/13
NOV	0.010	0.037	3/11	0.034	4/8	0.031	2/8	0.031	20/10
DEC	0.012	0.038	18/19	0.038	19/3	0.037	2/8	0.036	21/19
ANNUAL STATISTICS	0.025	HIGH 0.079	MONTH DATE/HOUR* Jul 10/10	2ND HIGH 0.072	MONTH DATE/HOUR* Jun 24/12	3RD HIGH 0.071	MONTH DATE/HOUR* Jul 26/9	4TH HIGH 0.067	MONTH DATE/HOUR* Jun 26/9

* Hour Beginning

2008 ANNUAL SUMMARY OZONE, ppm - EIGHT (8) HOUR AVERAGES

Location: Sparks

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.019	0.048	27/12	0.042	27/20	0.041	20/7	0.039	31/22
FEB	0.018	0.048	29/22	0.043	24/3	0.042	6/9	0.040	27/11
MAR	0.029	0.052	8/8	0.049	9/11	0.049	21/9	0.049	23/10
APR	0.038	0.068	29/7	0.067	29/15	0.063	18/8	0.063	19/8
MAY	0.035	0.061	11/12	0.061	13/9	0.062	5/10	0.068	3/10
JUN	0.039	0.086	24/11	0.075	26/9	0.074	13/13	0.074	14/15
JUL	0.039	0.082	10/10	0.075	19/10	0.073	26/9	0.070	27/10
AUG	0.031	0.062	12/9	0.061	6/9	0.060	6/9	0.058	23/9
SEP	0.025	0.058	24/10	0.055	3/10	0.055	17/11	0.054	13/9
OCT	0.017	0.044	1/10	0.040	5/9	0.038	9/8	0.038	19/11
NOV	0.010	0.036	3/11	0.035	3/19	0.034	2/6	0.033	4/8
DEC	0.013	0.041	2/8	0.037	18/20	0.036	19/4	0.036	25/8
ANNUAL STATISTICS	0.026	HIGH 0.086	MONTH DATE/HOUR* Jun 24/11	2ND HIGH 0.082	MONTH DATE/HOUR* Jul 10/10	3RD HIGH 0.075	MONTH DATE/HOUR* Jun 26/9	4TH HIGH 0.075	MONTH DATE/HOUR* Jul 10/10

* Hour Beginning

2008 ANNUAL SUMMARY
OZONE, ppm - EIGHT (8) HOUR AVERAGES

Location: Toll

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.021	0.041	27/11	0.039	20/8	0.038	4/23	0.037	3/11
FEB	0.023	0.043	29/23	0.039	24/0	0.037	28/9	0.036	26/11
MAR	0.028	0.042	1/0	0.042	8/8	0.041	1/9	0.041	9/10
APR	0.038	0.071	29/10	0.070	18/18	0.066	29/18	0.065	19/3
MAY	0.038	0.065	3/10	0.062	13/7	0.060	5/10	0.059	9/11
JUN	0.044	0.076	25/8	0.076	26/10	0.075	24/10	0.074	14/10
JUL	0.043	0.079	10/9	0.070	26/9	0.068	27/10	0.067	14/8
AUG	0.036	0.065	12/8	0.064	11/11	0.062	28/10	0.061	2/9
SEP	0.033	0.057	4/8	0.055	24/10	0.052	17/10	0.051	3/10
OCT	0.025	0.046	1/10	0.038	18/12	0.037	5/9	0.037	7/10
NOV	0.016	0.038	3/10	0.037	20/5	0.035	2/10	0.035	3/18
DEC	0.020	0.039	2/9	0.039	18/13	0.039	29/8	0.037	19/0
ANNUAL STATISTICS	0.030	HIGH 0.079	MONTH DATE/HOUR* Jul 10/9	2ND HIGH 0.076	MONTH DATE/HOUR* Jun 25/8	3RD HIGH 0.076	MONTH DATE/HOUR* Jun 26/10	4TH HIGH 0.075	MONTH DATE/HOUR* Jun 24/10

* Hour Beginning

2008 ANNUAL SUMMARY
PM-2.5, $\mu\text{g}/\text{m}^3$ - 24 HOUR AVERAGES

Location: Reno3 (designated)

MONTH	AVG.	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	8.7	21.5	19th	12.0	13th	11.7	25th	11.2	7th
FEB	7.3	10.9	9th	10.3	21st	9.8	15th	9.1	12th
MAR	4.5	8.2	7th	6.8	22nd	6.2	10th	6.1	19th
APR	5.6	9.8	27th	8.9	18th	5.6	3rd	5.1	24th
MAY	6.2	11.8	9th	10.4	3rd	6.8	6th	5.9	30th
JUN	25.7	114.7	25th	61.1	26th	34.3	23rd	30.2	29th
JUL	24.8	53.6	2nd	47.0	11th	34.3	14th	23.9	5th
AUG	5.1	8.8	16th	8.3	13th	6.3	7th	5.5	28th
SEPT	6.5	8.6	24th	8.2	15th	7.7	9th	7.0	18th
OCT	7.2	10.4	18th	10.0	24th	8.1	15th	7.0	12th
NOV	9.8	16.0	23rd	12.9	11th	12.2	29th	12.0	17th
DEC	10.8	20.5	20th	20.4	17th	17.0	11th	11.7	29th
ANNUAL STATISTICS	10.20	114.70	MONTH/ DAY Jun 25th	2ND HIGH 61.10	MONTH/ DAY Jun 26th	3RD HIGH 53.60	MONTH/ DAY Jul 2nd	4TH HIGH 47.00	MONTH/ DAY Jul 11th

* Hour Beginning

2008 ANNUAL SUMMARY
PM-2.5, $\mu\text{g}/\text{m}^3$ - 24 HOUR AVERAGES

Location: Ren03 (colocated)

MONTH	AVG.	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	8.8	22.0	19th	11.7	25th	11.0	7th	10.5	10th
FEB	7.7	11.5	9th	11.0	21st	10.3	15th	9.5	12th
MAR	4.6	8.8	7th	6.9	22nd	6.6	10th	6.5	19th
APR	5.5	9.3	27th	8.5	18th	6.6	21st	5.6	3rd
MAY	6.2	11.9	9th	10.5	3rd	7.3	6th	6.0	30th
JUN	22.5	115.4	25th	34.7	23rd	30.8	29th	16.1	14th
JUL	25.1	54.3	2nd	47.2	11th	34.5	14th	24.2	5th
AUG	5.2	8.9	16th	8.4	13th	6.7	7th	5.6	25th
SEPT	6.5	8.8	24th	8.3	15th	7.4	9th	6.9	18th
OCT	7.3	10.3	18th	10.1	24th	10.1	27th	8.3	15th
NOV	9.8	15.6	23rd	13.0	11th	12.1	26th	11.8	17th
DEC	10.4	20.3	17th	16.5	11th	11.4	29th	11.1	5th
ANNUAL STATISTICS	9.90	HIGH 115.40	MONTH/ DAY Jun 25th	2ND HIGH 54.30	MONTH/ DAY Jul 2nd	3RD HIGH 47.20	MONTH/ DAY Jul 11th	4TH HIGH 34.70	MONTH/ DAY Jun 23rd

* Hour Beginning

08-22

2008 ANNUAL SUMMARY
PM-10, $\mu\text{g}/\text{m}^3$ - 24 HOUR AVERAGES

Location: Galletti

MONTH	AVG.	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	45	87	31st	65	19th	32	13th	32	25th
FEB	46	87	12th	50	6th	42	18th	8	24th
MAR	57	86	25th	85	7th	66	19th	54	1st
APR	37	78	18th	30	30th	29	12th	23	6th
MAY	27	40	6th	37	12th	25	18th	23	30th
JUN	38	61	23rd	55	29th	31	17th	25	5th
JUL	50	78	11th	55	17th	48	23rd	35	5th
AUG	34	49	16th	39	4th	32	28th	31	22nd
SEPT	39	54	9th	48	15th	41	3rd	32	27th
OCT	47	73	27th	50	15th	48	3rd	34	21st
NOV	35	66	20th	39	26th	32	8th	28	14th
DEC	37	62	8th	62	20th	24	2nd	20	26th
ANNUAL STATISTICS	41	HIGH 87	MONTH/ DAY Jan 31st	2ND HIGH 87	MONTH/ DAY Feb 12th	3RD HIGH 86	MONTH/ DAY Mar 25th	4TH HIGH 85	MONTH/ DAY Mar 7th

* Hour Beginning

2008 ANNUAL SUMMARY
PM-10, $\mu\text{g}/\text{m}^3$ - 24 HOUR AVERAGES

Location: Plumbkit

MONTH	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	43	19th	49	31st	36	1st	34	7th
FEB	43	12th	53	6th	43	18th	7	24th
MAR	22	7th	30	19th	29	25th	17	1st
APR	24	18th	26	12th	22	24th	18	6th
MAY	18	6th	23	12th	21	18th	14	30th
JUN	32	29th	52	23rd	24	17th	16	5th
JUL	46	11th	45	5th	38	23rd	36	17th
AUG	21	16th	24	28th	20	22nd	17	4th
SEPT	27	15th	35	9th	28	3rd	23	27th
OCT	31	27th	38	15th	24	21st	21	3rd
NOV	27	26th	35	20th	27	8th	30	14th
DEC	38	20th	50	8th	26	26th	20	14th
ANNUAL STATISTICS	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
	31	Jul 11th	76	Jan 19th	76	Dec 20th	71	Feb 12th

* Hour Beginning

08-24

2008 ANNUAL SUMMARY
PM-10, $\mu\text{g}/\text{m}^3$ - 24 HOUR AVERAGES

Location: Renos3

MONTH	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	33	19th	36	31st	30	1st	26	13th
FEB	33	6th	46	12th	31	18th	7	24th
MAR	23	7th	34	19th	31	25th	19	1st
APR	18	18th	21	30th	17	12th	16	24th
MAY	21	12th	25	18th	22	6th	20	30th
JUN	43	26th	52	29th	20	17th	18	5th
JUL	43	11th	39	5th	34	23rd	34	17th
AUG	21	28th	27	16th	21	22nd	14	4th
SEPT	23	9th	25	3rd	24	27th	13	21st
OCT	29	27th	35	9th	32	15th	21	21st
NOV	26	20th	36	26th	30	14th	21	8th
DEC	32	20th	57	8th	19	2nd	13	26th
ANNUAL STATISTICS	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
	29	92 Jun 26th	84	Jul 11th	61	Jan 19th	60	Dec 20th

* Hour Beginning

08-25

2008 ANNUAL SUMMARY
PM-10, $\mu\text{g}/\text{m}^3$ - 24 HOUR AVERAGES

Location: South Reno

MONTH	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE	
JAN	26	44	19th	24	1st	24	7th	24	13th
FEB	43	111	12th	32	18th	27	6th	4	24th
MAR	15	25	7th	21	25th	17	19th	12	1st
APR	18	28	18th	25	12th	16	24th	11	30th
MAY	17	23	12th	23	18th	21	6th	13	30th
JUN	26	45	29th	44	23rd	17	17th	12	5th
JUL	39	68	11th	49	5th	34	23rd	25	17th
AUG	19	28	16th	20	28th	19	22nd	16	4th
SEPT	22	29	15th	26	3rd	22	9th	20	27th
OCT	21	35	27th	21	15th	20	21st	17	3rd
NOV	18	28	20th	25	26th	17	8th	16	14th
DEC	22	36	20th	32	8th	17	26th	15	2nd
ANNUAL STATISTICS	23	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
	111	Feb 12th	68	Jul 11th	49	Jul 5th	45	Jun 29th	

* Hour Beginning

2008 ANNUAL SUMMARY
PM-10, $\mu\text{g}/\text{m}^3$ - 24 HOUR AVERAGES

Location: Sparks (Designated)

MONTH	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE	
JAN	31	63	19th	32	31st	27	13th	26	25th
FEB	33	60	12th	37	18th	29	6th	6	24th
MAR	19	31	7th	23	25th	20	19th	17	1st
APR	17	27	18th	23	12th	12	30th	11	24th
MAY	18	25	6th	22	12th	22	18th	15	30th
JUN	42	101	26th	58	23rd	48	29th	22	17th
JUL	40	57	11th	51	23rd	35	17th	32	5th
AUG	19	29	16th	19	22nd	18	28th	15	4th
SEPT	26	33	9th	29	15th	28	3rd	26	27th
OCT	27	59	27th	28	15th	22	21st	15	9th
NOV	24	30	20th	29	8th	29	26th	23	14th
DEC	34	56	8th	51	20th	29	2nd	21	26th
ANNUAL STATISTICS	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY	
	27	101	Jun 26th	63	Jan 19th	60	Feb 12th	59	Oct 27th

* Hour Beginning

08-27

2008 ANNUAL SUMMARY
PM-10, $\mu\text{g}/\text{m}^3$ - 24 HOUR AVERAGES

Location: Sparks (Collocated)

MONTH	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE	
JAN	32	63	19th	35	31st	27	25th	26	13th
FEB	33	61	12th	37	18th	29	6th	7	24th
MAR	15	32	7th	21	19th	16	1st	11	13th
APR	17	27	18th	25	12th	13	30th	11	6th
MAY	16	22	6th	19	12th	19	18th	13	30th
JUN	31	59	23rd	49	29th	22	17th	14	5th
JUL	40	57	11th	52	23rd	34	17th	33	5th
AUG	20	29	16th	20	22nd	19	28th	13	10th
SEPT	26	34	9th	29	15th	28	3rd	26	27th
OCT	28	60	27th	28	15th	22	21st	15	3rd
NOV	24	30	20th	28	26th	28	8th	23	14th
DEC	35	59	8th	50	20th	29	2nd	22	26th
ANNUAL STATISTICS	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY	
	26	63	Jan 19th	61	Feb 12th	60	Oct 27th	59	Jun 23rd

* Hour Beginning

08-28

2008 ANNUAL SUMMARY
PM-10, $\mu\text{g}/\text{m}^3$ - 24 HOUR AVERAGES

Location: Toll

MONTH	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE	
JAN	23	40	19th	24	7th	24	13th	18	1st
FEB	20	32	6th	25	12th	23	18th	2	24th
MAR	20	36	7th	28	1st	24	25th	12	19th
APR	14	21	18th	14	24th	13	30th	12	12th
MAY	16	22	12th	21	18th	17	6th	14	30th
JUN	25	44	29th	42	23rd	18	17th	12	5th
JUL	36	64	11th	38	5th	34	23rd	24	17th
AUG	19	25	16th	23	28th	19	22nd	15	4th
SEPT	24	35	9th	26	15th	25	3rd	22	27th
OCT	21	36	27th	19	15th	17	21st	13	9th
NOV	14	23	26th	20	20th	9	8th	5	2nd
DEC	18	38	20th	26	8th	12	2nd	9	14th

ANNUAL STATISTICS	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
21	64	Jul 11th	44	Jun 29th	42	Jun 23rd	40	Jan 19th

* Hour Beginning

2008 ANNUAL SUMMARY NO2, ppm - HOURLY AVERAGES

Location: Renos3

MONTH	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.024	10/12	0.056	7/9	0.053	3/10	0.051	8/7
FEB	0.025	21/10	0.050	5/23	0.050	6/0	0.049	11/9
MAR	0.017	12/8	0.052	10/7	0.051	7/7	0.051	20/6
APR	0.014	22/6	0.051	18/4	0.046	21/7	0.044	10/22
MAY	0.012	13/6	0.042	20/4	0.041	2/6	0.039	1/5
JUN	0.012	16/1	0.043	3/6	0.043	25/7	0.043	27/7
JUL	0.014	10/9	0.047	16/6	0.044	15/6	0.044	29/6
AUG	0.012	30/1	0.042	25/8	0.039	7/9	0.038	29/8
SEPT	0.016	25/9	0.055	9/8	0.053	24/22	0.047	16/8
OCT	0.019	24/10	0.048	23/17	0.048	28/11	0.045	15/10
NOV	0.023	19/11	0.060	20/8	0.052	18/11	0.050	17/11
DEC	0.026	31/11	0.059	1/10	0.055	7/9	0.050	16/7
ANNUAL STATISTICS	0.018	HIGH MONTH DATE/HOUR*	0.075	0.064	0.063	0.060	0.060	0.060
		Jul 10/9		Sept 25/9		Nov 19/11		Dec 31/11

* Hour Beginning

2008 ANNUAL SUMMARY
NO, ppm - HOURLY AVERAGES

Location: Reno3

MONTH	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.025	0.221 3/7	0.176	2/23	0.145	15/8	0.132	18/10
FEB	0.019	0.154 7/8	0.137	21/7	0.123	15/7	0.117	6/0
MAR	0.013	0.188 12/7	0.174	10/7	0.148	7/7	0.132	17/8
APR	0.008	0.105 11/22	0.081	2/6	0.072	21/7	0.070	22/7
MAY	0.006	0.077 16/6	0.067	20/5	0.064	5/7	0.050	2/6
JUN	0.004	0.079 27/7	0.058	9/6	0.051	13/7	0.041	18/5
JUL	0.004	0.062 29/6	0.057	15/6	0.051	16/6	0.042	9/7
AUG	0.005	0.083 29/8	0.063	28/7	0.057	21/6	0.055	25/6
SEPT	0.007	0.137 25/9	0.116	19/6	0.084	16/8	0.083	9/8
OCT	0.016	0.240 28/6	0.226	15/6	0.218	13/6	0.135	27/7
NOV	0.034	0.277 20/8	0.221	19/9	0.238	11/8	0.185	18/19
DEC	0.037	0.252 31/7	0.209	1/10	0.201	10/8	0.177	11/8
ANNUAL STATISTICS	0.015	HIGH MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
		0.277 Nov 20/8	0.252	Dec 31/7	0.240	Oct 28/6	0.226	Oct 15/6

* Hour Beginning

2008 ANNUAL SUMMARY
NOx, ppm - HOURLY AVERAGES

Location: Renos3

MONTH	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.050	0.265 3/7	0.216	2/23	0.192	7/9	0.188	15/8
FEB	0.045	0.196 7/8	0.185	21/10	0.168	6/0	0.165	15/7
MAR	0.030	0.239 12/7	0.226	10/7	0.199	7/7	0.180	17/8
APR	0.022	0.145 11/22	0.123	22/7	0.120	2/6	0.118	21/7
MAY	0.019	0.108 16/6	0.107	20/5	0.098	5/7	0.091	2/6
JUN	0.017	0.122 27/7	0.091	9/6	0.089	13/7	0.082	3/6
JUL	0.019	0.106 29/6	0.102	15/6	0.099	10/9	0.098	16/6
AUG	0.019	0.121 29/8	0.095	25/7	0.086	28/7	0.084	21/6
SEPT	0.023	0.202 25/9	0.162	19/7	0.138	9/8	0.132	16/8
OCT	0.036	0.283 28/6	0.261	15/6	0.254	13/6	0.176	24/6
NOV	0.057	0.337 20/8	0.280	11/8	0.276	19/9	0.227	18/19
DEC	0.064	0.298 31/7	0.268	1/10	0.243	10/8	0.229	7/9
ANNUAL STATISTICS	0.033	HIGH MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.337	Nov 20/8	0.298	Dec 31/7	0.283	Oct 28/6	0.280	Nov 11/8

* Hour Beginning

2007

Washoe County

Air Quality Data

2007

Exceedence Days

Pollutant	Site	Date
Carbon Monoxide:	0 Exceedance Days	N/A
Ozone: 8 Hr.	0 Exceedance Day	N/A
Particulate Matter (PM-10):	0 Exceedance Day	N/A

**2007 ANNUAL SUMMARY
CARBON MONOXIDE, ppm - EIGHT (8) HOUR AVERAGES**

Location: Galletti

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	1.31	3.64	10/4	3.28	8/4	3.07	26/9	2.83	25/10
FEB	0.94	2.93	3/4	2.69	6/10	2.63	1/9	2.48	2/4
MAR	0.70	1.77	12/11	1.63	3/8	1.60	13/9	1.59	30/10
APR	0.51	1.34	6/10	1.21	28/7	1.14	5/11	1.12	27/9
MAY	0.53	1.30	24/9	1.24	10/8	1.17	6/7	1.05	7/7
JUN	0.41	0.96	19/9	0.96	20/9	0.88	26/9	0.84	16/8
JUL	0.36	1.20	9/10	1.06	11/10	0.93	6/11	0.84	17/10
AUG	0.55	1.58	13/11	1.33	16/9	1.32	21/11	1.13	14/9
SEP	0.63	1.63	27/10	1.59	28/10	1.40	21/8	1.39	12/9
OCT	0.80	2.13	24/10	2.11	9/10	2.02	25/11	1.76	15/10
NOV	1.04	2.69	26/4	2.38	8/12	2.11	9/9	2.08	18/6
DEC	0.82	2.29	24/5	1.98	23/3	1.94	14/1	1.93	13/4

ANNUAL STATISTICS	AVG	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.72	3.64	JAN 10/4	3.28	JAN 8/4	3.07	JAN 26/9	2.93	FEB 3/4

* Hour Beginning

2007 ANNUAL SUMMARY
CARBON MONOXIDE, ppm - EIGHT (8) HOUR AVERAGES

Location: Lemmon Valley

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.76	1.78	16/9	1.75	8/1	1.66	10/2	1.59	17/10
FEB	0.64	1.49	6/2	1.42	3/3	1.38	2/10	1.32	4/4
MAR	0.43	1.23	3/5	1.04	6/9	0.98	4/6	0.93	30/8
APR	0.31	0.88	3/8	0.77	13/7	0.71	24/7	0.68	6/8
MAY	0.24	0.65	30/6	0.59	6/4	0.47	1/15	0.45	7/6
JUN	0.17	0.47	14/6	0.36	26/7	0.34	18/5	0.34	19/10
JUL	0.18	1.06	7/8	0.79	11/10	0.50	10/23	0.49	9/3
AUG	0.14	1.40	30/3	0.36	13/12	0.33	14/9	0.33	20/12
SEP	0.21	0.53	27/8	0.49	7/8	0.49	26/8	0.46	24/10
OCT	0.30	0.78	23/9	0.74	24/10	0.69	14/3	0.67	30/10
NOV	0.51	1.47	26/1	1.28	25/3	1.20	24/2	1.05	8/2
DEC	0.40	1.63	13/2	1.43	13/10	1.39	14/1	1.34	15/2
ANNUAL STATISTICS	AVG. 0.36	HIGH 1.78	MONTH DATE/HOUR* JAN 16/9	2ND HIGH 1.75	MONTH DATE/HOUR* JAN 8/1	3RD HIGH 1.66	MONTH DATE/HOUR* JAN 10/2	4TH HIGH 1.63	MONTH DATE/HOUR* DEC 13/2

* Hour Beginning

2007 ANNUAL SUMMARY
CARBON MONOXIDE, ppm - EIGHT (8) HOUR AVERAGES

Location: Reno3

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.60	2.17	27/11	2.16	10/8	2.01	26/14	1.91	3/6
FEB	0.37	2.15	1/11	1.42	5/14	1.23	3/11	1.09	6/12
MAR	0.23	1.18	14/10	1.17	7/15	1.08	19/14	0.83	13/12
APR	0.13	0.34	4/13	0.31	16/9	0.31	30/9	0.30	13/9
MAY	0.13	0.51	24/10	0.44	7/7	0.38	6/3	0.28	14/9
JUN	0.10	0.30	28/8	0.26	4/14	0.25	16/9	0.20	20/10
JUL	0.11	0.40	11/10	0.40	17/9	0.34	9/2	0.31	20/9
AUG	0.13	0.58	12/8	0.48	13/13	0.40	30/14	0.35	31/23
SEP	0.14	0.88	28/10	0.74	21/9	0.47	27/12	0.44	13/13
OCT	0.20	1.27	15/14	1.20	24/12	0.77	25/12	0.74	30/11
NOV	0.39	1.50	27/0	1.49	13/3	1.45	18/10	1.41	26/0
DEC	0.32	1.97	23/2	1.65	23/10	1.21	3/10	1.08	16/4
ANNUAL STATISTICS	AVG.	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.24	2.17	JAN 27/11	2.16	JAN 10/8	2.15	FEB 1/11	2.01	JAN 26/14

* Hour Beginning

2007 ANNUAL SUMMARY
CARBON MONOXIDE, ppm - EIGHT (8) HOUR AVERAGES

Location: South Reno

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.76	1.93	10/9	1.80	3/6	1.57	8/12	1.46	10/1
FEB	0.58	1.21	6/12	1.04	1/10	1.00	20/11	0.96	2/11
MAR	0.48	1.09	13/12	1.08	7/12	0.90	12/11	0.09	19/12
APR	0.36	0.67	4/12	0.67	30/11	0.62	5/11	0.60	26/11
MAY	0.36	0.72	24/13	0.60	4/10	0.59	25/10	0.54	29/11
JUN	0.36	0.59	19/11	0.57	4/12	0.55	1/9	0.54	28/10
JUL	0.37	0.81	9/7	0.78	11/10	0.60	17/9	0.59	8/23
AUG	0.37	0.71	30/11	0.60	27/11	0.57	13/12	0.56	24/10
SEP	0.38	0.72	10/12	0.67	21/9	0.66	26/11	0.66	27/13
OCT	0.42	0.92	15/11	0.84	9/10	0.81	23/12	0.78	24/10
NOV	0.60	1.25	26/23	1.17	16/15	1.07	13/1	1.06	15/15
DEC	0.62	1.35	23/10	1.24	23/2	1.22	24/7	1.18	13/13

ANNUAL STATISTICS	AVG.	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.47	1.93	JAN 10/9	1.80	JAN 3/6	1.57	JAN 8/12	1.46	JAN 10/1

* Hour Beginning

2007 ANNUAL SUMMARY
CARBON MONOXIDE, ppm - EIGHT (8) HOUR AVERAGES

Location: _____ Sparks

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	1.24	3.15	8/2	3.05	10/2	2.90	7/4	2.68	26/9
FEB	0.84	2.79	3/2	2.74	4/4	2.54	6/2	2.47	2/8
MAR	0.50	1.60	12/10	1.47	3/7	1.47	4/6	1.46	6/8
APR	0.46	1.26	13/8	1.21	24/7	1.11	25/9	1.04	19/10
MAY	0.52	1.37	6/5	1.15	30/10	1.05	15/9	1.05	24/9
JUN	0.49	0.92	1/9	0.91	18/8	0.89	26/11	0.84	8/7
JUL	0.44	1.31	5/4	0.96	9/11	0.94	11/11	0.76	10/11
AUG	0.46	1.00	31/23	0.97	10/10	0.97	30/10	0.95	24/6
SEP	0.52	1.29	26/8	1.25	24/7	1.23	25/9	1.23	27/8
OCT	0.71	1.79	25/10	1.75	23/8	1.75	23/8	1.58	30/9
NOV	1.13	2.62	26/3	2.31	24/1	2.13	9/1	2.20	28/7
DEC	0.92	2.81	24/2	2.45	13/7	2.39	14/8	1.95	16/7
ANNUAL STATISTICS	AVG.	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.68	3.15	JAN 8/2	3.05	JAN 10/2	2.90	JAN 7/4	2.81	DEC 24/2

* Hour Beginning

2007 ANNUAL SUMMARY
CARBON MONOXIDE, ppm - EIGHT (8) HOUR AVERAGES

Location: _____ Toll _____

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.45	1.14	30/13	1.10	23/11	1.10	31/12	1.07	29/16
FEB	0.52	1.05	12/11	0.96	10/0	0.94	6/13	0.94	9/14
MAR	0.53	1.01	28/13	0.99	19/11	0.98	26/9	0.97	27/20
APR	0.56	1.17	5/12	1.09	6/9	1.04	4/13	1.01	3/12
MAY	0.22	0.62	4/9	0.62	7/12	0.59	3/8	0.57	6/9
JUN	0.15	0.35	19/11	0.35	28/8	0.34	26/17	0.32	20/8
JUL	0.18	0.59	9/4	0.45	11/10	0.30	2/11	0.30	24/11
AUG	0.14	0.35	24/10	0.33	27/13	0.32	23/8	0.30	25/0
SEP	0.18	1.45	24/6	0.85	11/6	0.80	7/6	0.78	25/6
OCT	0.20	0.54	11/12	0.47	23/13	0.46	25/12	0.44	24/12
NOV	0.24	0.57	9/12	0.55	26/14	0.54	16/14	0.54	25/21
DEC	0.20	0.59	13/14	0.54	6/14	0.54	23/3	0.52	15/13

ANNUAL STATISTICS	AVG.	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.30	1.45	SEPT 24/6	1.17	APR 5/12	1.14	JAN 30/13	1.10	JAN 23/11

* Hour Beginning

2007 ANNUAL SUMMARY
OZONE, ppm - ONE (1) HOUR AVERAGES

Location: Lemmon Valley

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.015	0.046	10/19	0.044	30/15	0.042	11/1	0.041	28/15
FEB	0.025	0.052	21/15	0.048	18/14	0.048	22/6	0.046	20/17
MAR	0.030	0.061	17/17	0.054	10/15	0.054	11/16	0.053	16/15
APR	0.039	0.066	29/23	0.064	30/0	0.062	16/18	0.061	3/15
MAY	0.047	0.078	10/0	0.075	9/22	0.075	16/13	0.074	11/13
JUN	0.046	0.085	19/11	0.081	20/3	0.075	18/15	0.075	21/19
JUL	0.045	0.078	7/11	0.076	3/15	0.076	12/14	0.075	10/12
AUG	0.045	0.085	13/13	0.076	24/17	0.074	1/13	0.073	11/12
SEP	0.037	0.078	7/14	0.075	27/19	0.074	8/14	0.074	28/0
OCT	0.028	0.062	1/00	0.059	9/16	0.058	10/01	0.056	2/15
NOV	0.019	0.047	3/15	0.047	9/13	0.046	4/15	0.046	8/14
DEC	0.025	0.048	17/1	0.047	2/15	0.046	15/15	0.046	16/23

ANNUAL STATISTICS	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
0.033	0.085	JUN 19/11	0.085	AUG 13/13	0.081	JUN 20/3	0.078	MAY 10/0

* Hour Beginning

2007 ANNUAL SUMMARY
OZONE, ppm - ONE (1) HOUR AVERAGES

Location: Renos3

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.009	0.042	10/13	0.041	28/15	0.038	11/1	0.037	30/15
FEB	0.018	0.050	21/13	0.048	18/14	0.047	22/6	0.044	25/15
MAR	0.025	0.063	17/13	0.056	24/15	0.054	11/16	0.053	10/16
APR	0.035	0.066	29/11	0.065	28/12	0.061	17/12	0.060	3/14
MAY	0.043	0.076	16/12	0.076	17/12	0.075	10/11	0.074	11/13
JUN	0.041	0.085	19/12	0.079	20/11	0.079	22/13	0.074	18/15
JUL	0.041	0.084	7/11	0.080	3/16	0.078	9/14	0.075	12/14
AUG	0.038	0.088	13/14	0.080	1/14	0.075	23/15	0.073	11/11
SEP	0.031	0.078	7/15	0.075	8/14	0.073	28/0	0.073	27/21
OCT	0.021	0.062	1/1	0.058	10/2	0.055	9/13	0.050	2/21
NOV	0.011	0.041	3/15	0.040	4/15	0.040	27/6	0.039	2/14
DEC	0.015	0.044	17/1	0.043	2/15	0.042	16/23	0.041	1/14
ANNUAL STATISTICS	0.027	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
		0.088	AUG 13/14	0.085	JUN 19/12	0.084	JUL 7/11	0.080	JUL 3/16

* Hour Beginning

2007 ANNUAL SUMMARY
OZONE, ppm - ONE (1) HOUR AVERAGES

Location: South Reno

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.011	0.046	10/14	0.044	28/16	0.041	11/1	0.039	3/11
FEB	0.020	0.052	21/11	0.050	18/15	0.047	22/0	0.047	25/15
MAR	0.026	0.067	17/14	0.061	24/16	0.059	18/13	0.056	11/15
APR	0.035	0.069	30/13	0.067	29/11	0.064	28/16	0.063	3/14
MAY	0.042	0.076	24/14	0.075	27/12	0.074	31/12	0.072	17/14
JUN	0.039	0.090	19/12	0.082	20/11	0.080	22/12	0.076	21/14
JUL	0.039	0.085	7/12	0.084	3/18	0.083	9/15	0.080	10/14
AUG	0.037	0.084	13/14	0.083	1/14	0.078	23/17	0.074	25/11
SEP	0.031	0.075	7/14	0.073	8/13	0.072	27/21	0.065	2/14
OCT	0.021	0.063	1/0	0.058	9/20	0.057	10/2	0.052	4/12
NOV	0.011	0.044	4/15	0.043	3/15	0.043	5/14	0.043	8/15
DEC	0.015	0.047	2/20	0.047	17/0	0.046	16/22	0.044	3/12

ANNUAL STATISTICS	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.027	JUN 19/12	0.085	JUL 7/12	0.084	JUL 3/18	0.084	AUG 13/14

* Hour Beginning

**2007 ANNUAL SUMMARY
OZONE, ppm - ONE (1) HOUR AVERAGES**

Location: Sparks

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.012	0.042	10/13	0.042	28/15	0.040	11/2	0.040	20/14
FEB	0.019	0.049	21/14	0.046	18/14	0.045	25/15	0.044	16/14
MAR	0.024	0.067	17/13	0.060	24/15	0.057	10/16	0.057	16/15
APR	0.034	0.068	28/13	0.067	29/11	0.067	30/13	0.064	3/15
MAY	0.041	0.083	17/12	0.077	10/12	0.077	16/11	0.075	11/14
JUN	0.037	0.086	19/12	0.082	20/11	0.078	18/16	0.077	22/12
JUL	0.037	0.084	7/12	0.082	3/17	0.078	9/13	0.077	31/16
AUG	0.034	0.088	13/13	0.079	25/10	0.077	9/6	0.075	1/14
SEP	0.028	0.077	7/13	0.072	8/13	.069	27/19	0.067	2/12
OCT	0.020	0.059	1/2	0.055	9/12	0.055	10/1	0.050	4/9
NOV	0.011	0.044	8/14	0.042	3/13	0.041	2/13	0.040	11/6
DEC	0.015	0.045	16/21	0.045	17/0	0.041	2/14	0.040	10/20
ANNUAL STATISTICS	0.026	HIGH 0.088	MONTH DATE/HOUR* AUG 13/13	2ND HIGH 0.086	MONTH DATE/HOUR* JUN 19/12	3RD HIGH 0.084	MONTH DATE/HOUR* JUL 7/12	4TH HIGH 0.083	MONTH DATE/HOUR* MAY 17/12

* Hour Beginning

2007 ANNUAL SUMMARY
OZONE, ppm - ONE (1) HOUR AVERAGES

Location: _____ Toll _____

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.016	0.043	10/13	0.040	3/10	0.040	28/15	0.038	11/1
FEB	0.024	0.042	19/17	0.042	20/16	0.044	18/15	0.047	21/15
MAR	0.027	0.055	17/13	0.049	11/15	0.049	18/13	0.048	9/13
APR	0.034	0.057	29/11	0.056	30/01	0.055	28/11	0.054	24/16
MAY	0.041	0.071	10/10	0.068	16/11	0.066	9/23	0.066	12/11
JUN	0.038	0.071	19/11	0.070	20/11	0.068	22/11	0.064	21/15
JUL	0.038	0.075	9/15	0.068	3/18	0.068	8/14	0.068	10/13
AUG	0.037	0.069	13/13	0.069	25/11	0.066	23/17	0.063	1/14
SEP	0.034	0.067	8/14	0.065	7/14	0.064	27/21	0.062	5/16
OCT	0.026	0.057	1/0	0.054	9/14	0.053	2/20	0.053	10/1
NOV	0.017	0.044	3/15	0.043	27/4	0.042	4/14	0.042	29/20
DEC	0.020	0.042	2/20	0.042	16/21	0.042	17/0	0.041	3/22

ANNUAL STATISTICS	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
0.029	0.075	JUL 9/15	0.071	MAY 10/10	0.071	JUN 19/11	0.070	JUN 20/11

* Hour Beginning

2007 ANNUAL SUMMARY
OZONE, ppm - EIGHT (8) HOUR AVERAGES

Location: Lemmon Valley

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.015	0.043	10/13	0.039	10/21	0.038	3/7	0.038	30/11
FEB	0.025	0.049	21/9	0.045	20/20	0.045	22/0	0.043	11/12
MAR	0.029	0.059	17/12	0.051	9/16	0.051	10/8	0.050	24/13
APR	0.038	0.063	29/11	0.063	29/19	0.059	28/14	0.058	17/10
MAY	0.047	0.073	9/19	0.072	16/11	0.070	17/8	0.069	27/11
JUN	0.045	0.074	19/21	0.068	20/8	0.066	21/13	0.065	18/13
JUL	0.044	0.069	7/10	0.068	3/10	0.067	9/10	0.067	10/9
AUG	0.044	0.075	13/10	0.068	24/14	0.067	11/9	0.063	12/9
SEP	0.037	0.073	27/18	0.070	7/12	0.065	8/11	0.063	11/11
OCT	0.027	0.058	1/0	0.057	9/11	0.052	2/20	0.051	4/9
NOV	0.019	0.043	27/0	0.041	3/11	0.041	4/10	0.039	2/11
DEC	0.025	0.045	2/12	0.044	16/18	0.044	17/16	0.043	3/11

ANNUAL STATISTICS	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
0.033	0.075	AUG 13/10	0.074	JUN 19/21	0.073	MAY 9/19	0.073	SEPT 27/18

* Hour Beginning

2007 ANNUAL SUMMARY
OZONE, ppm - EIGHT (8) HOUR AVERAGES

Location: Reno3

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.008	0.038	10/11	0.037	10/19	0.030	11/10	0.030	21/11
FEB	0.018	0.047	21/9	0.042	18/10	0.042	22/00	0.041	25/22
MAR	0.025	0.057	17/12	0.050	31/12	0.049	24/12	0.048	18/10
APR	0.035	0.063	29/10	0.063	28/11	0.059	17/9	0.055	30/10
MAY	0.043	0.070	16/12	0.069	27/10	0.068	12/9	0.068	17/11
JUN	0.041	0.071	19/9	0.067	18/14	0.067	22/9	0.066	20/9
JUL	0.040	0.072	8/10	0.071	3/12	0.069	7/9	0.068	9/10
AUG	0.037	0.068	1/10	0.067	13/11	0.067	24/15	0.063	11/10
SEP	0.031	0.072	7/9	0.069	27/19	0.064	8/11	0.058	12/11
OCT	0.021	0.055	1/0	0.053	9/13	0.046	4/9	0.046	10/0
NOV	0.011	0.036	11/6	0.033	27/6	0.030	3/10	0.030	22/12
DEC	0.015	0.040	16/22	0.038	1/12	0.038	3/12	0.037	19/21
ANNUAL STATISTICS	0.027	HIGH 0.072	MONTH DATE/HOUR* JUL 8/10	2ND HIGH 0.072	MONTH DATE/HOUR* SEPT 7/9	3RD HIGH 0.071	MONTH DATE/HOUR* JUN 19/9	4TH HIGH 0.071	MONTH DATE/HOUR* JUL 3/12

* Hour Beginning

2007 ANNUAL SUMMARY
OZONE, ppm - EIGHT (8) HOUR AVERAGES

Location: South Reno

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.011	0.043	10/11	0.039	10/19	0.037	3/8	0.035	4/20
FEB	0.020	0.050	21/9	0.047	21/18	0.045	18/10	0.043	20/12
MAR	0.025	0.061	17/12	0.053	24/12	0.053	31/12	0.052	18/10
APR	0.035	0.065	29/10	0.062	28/11	0.060	30/10	0.058	17/9
MAY	0.041	0.072	27/10	0.065	17/9	0.065	24/11	0.065	25/9
JUN	0.038	0.069	21/12	0.068	20/9	0.065	22/9	0.064	18/13
JUL	0.038	0.074	3/11	0.072	8/11	0.072	9/11	0.071	7/9
AUG	0.036	0.068	1/10	0.068	13/10	0.065	23/11	0.064	24/13
SEP	0.031	0.066	7/12	0.062	27/14	0.061	8/10	0.060	30/17
OCT	0.020	0.056	1/0	0.055	9/12	0.050	4/9	0.047	10/0
NOV	0.011	0.036	11/7	0.035	4/10	0.034	27/7	0.033	3/10
DEC	0.015	0.045	16/19	0.044	2/14	0.043	3/12	0.040	1/13
ANNUAL STATISTICS	0.027	HIGH 0.074	MONTH DATE/HOUR* JUL 3/11	2ND HIGH 0.072	MONTH DATE/HOUR* MAY 27/10	3RD HIGH 0.072	MONTH DATE/HOUR* JUL 8/11	4TH HIGH 0.072	MONTH DATE/HOUR* JUL 9/11

* Hour Beginning

2007 ANNUAL SUMMARY
OZONE, ppm - EIGHT (8) HOUR AVERAGES

Location: Sparks

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.011	0.037	10/23	0.035	4/19	0.035	10/12	0.035	11/9
FEB	0.018	0.045	21/10	0.042	18/10	0.041	11/12	0.041	25/11
MAR	0.023	0.060	17/12	0.053	24/12	0.051	31/12	0.049	16/12
APR	0.034	0.063	28/11	0.063	29/10	0.061	30/9	0.057	24/12
MAY	0.041	0.073	17/10	0.071	16/11	0.070	12/9	0.069	10/10
JUN	0.037	0.069	20/9	0.067	18/11	0.067	19/10	0.067	21/13
JUL	0.036	0.072	3/11	0.071	7/10	0.068	8/10	0.066	9/10
AUG	0.033	0.069	13/10	0.067	1/9	0.064	24/12	0.064	25/9
SEP	0.028	0.064	7/11	0.062	27/16	0.061	8/9	0.058	12/10
OCT	0.019	0.051	1/0	0.050	9/11	0.045	4/9	0.044	10/0
NOV	0.011	0.036	11/8	0.035	3/10	0.034	27/8	0.033	20/09
DEC	0.014	0.043	16/18	0.037	26/9	0.037	30/4	0.035	20/8

ANNUAL STATISTICS	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.025	MAY 17/10	0.072	JUL 3/11	0.071	MAY 16/11	0.071	JUL 7/10

* Hour Beginning

2007 ANNUAL SUMMARY OZONE, ppm - EIGHT (8) HOUR AVERAGES

Location: Toll

MONTH	AVG.	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.015	0.041	10/9	0.038	3/6	0.037	10/17	0.035	3/14
FEB	0.024	0.044	21/8	0.041	20/15	0.040	18/10	0.039	11/10
MAR	0.027	0.049	17/12	0.044	18/9	0.044	24/12	0.043	26/10
APR	0.033	0.056	29/9	0.054	28/11	0.053	29/17	0.050	30/10
MAY	0.040	0.062	10/10	0.062	12/9	0.062	16/10	0.061	9/10
JUN	0.037	0.061	20/9	0.060	21/12	0.059	19/9	0.057	22/10
JUL	0.037	0.063	9/10	0.061	3/11	0.061	8/11	0.059	7/9
AUG	0.037	0.060	13/10	0.057	1/10	0.057	12/10	0.057	23/11
SEP	0.034	0.060	7/11	0.059	27/14	0.058	8/10	0.055	30/16
OCT	0.026	0.053	1/0	0.053	9/12	0.047	4/8	0.046	2/15
NOV	0.016	0.035	3/11	0.035	11/7	0.033	4/10	0.033	27/9
DEC	0.019	0.041	16/19	0.039	2/14	0.038	3/10	0.037	17/13

ANNUAL STATISTICS	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
0.029	0.063	JUL 9/10	0.062	MAY 10/10	0.062	MAY 12/9	0.062	MAY 16/10

* Hour Beginning

2007ANNUAL SUMMARY
 PM-2.5, µg/m³ - 24 HOUR AVERAGES

Location: Ren03 (designated)

MONTH	AVG.	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	14.49	21.67	9th	19.63	24th	17.21	6th	14.92	15th
FEB	6.74	14.71	5th	13.50	2nd	8.04	20th	7.29	14th
MAR	5.52	8.34	7th	6.29	16th	6.21	13th	6.00	22nd
APR	4.72	8.63	30th	6.71	6th	6.38	3rd	5.88	27th
MAY	8.11	23.76	24th	9.09	18th	8.25	15th	7.50	9th
JUN	5.21	8.67	26th	7.71	20th	7.29	2nd	5.04	23rd
JUL	11.32	26.97	8th	22.67	11th	20.01	17th	8.63	20th
AUG	6.57	14.13	13th	10.54	25th	7.29	31st	6.84	22nd
SEPT	7.70	14.17	6th	12.76	9th	8.92	12th	7.84	18th
OCT	7.36	11.34	15th	10.17	30th	9.13	27th	8.13	24th
NOV	10.08	22.95	26th	14.00	8th	13.76	5th	12.54	23rd
DEC	9.48	26.54	23rd	24.09	14th	10.05	5th	7.46	11th
ANNUAL STATISTICS	8.02	26.97	JUL 8TH	26.54	DEC 23RD	23.76	MAY 24TH	22.95	NOV 26TH

* Hour Beginning

2007 ANNUAL SUMMARY
PM-2.5, $\mu\text{g}/\text{m}^3$ - 24 HOUR AVERAGES

Location: Reno3 (colocated)

MONTH	AVG.	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	15.12	22.46	9th	20.01	24th	17.83	6th	17.54	27th
FEB	6.83	14.63	5th	13.46	2nd	8.33	20th	7.46	14th
MAR	5.44	6.70	15th	6.67	12th	4.46	27th	4.00	9th
APR	4.15	6.79	6th	6.17	3rd	6.08	27th	4.17	21st
MAY	8.09	23.63	24th	8.88	18th	8.38	15th	7.63	9th
JUN	5.10	8.55	26th	7.46	20th	7.38	2nd	4.96	23rd
JUL	11.54	27.02	8th	22.68	11th	20.27	17th	9.00	20th
AUG	6.96	14.26	13th	10.78	25th	7.54	31st	7.05	1st
SEPT	8.52	14.64	6th	13.18	9th	9.02	12th	7.04	27th
OCT	7.37	11.38	15th	10.21	30th	9.25	27th	8.29	24th
NOV	8.26	14.04	8th	13.30	5th	8.96	2nd	7.34	17th
DEC	7.46	23.76	14th	9.84	5th	7.54	11th	6.92	17th
ANNUAL STATISTICS	7.87	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
		27.02	JUL 8TH	23.76	DEC 14TH	23.63	MAY 24TH	22.46	JAN 9TH

* Hour Beginning

2007 ANNUAL SUMMARY
PM-10, $\mu\text{g}/\text{m}^3$ - 24 HOUR AVERAGES

Location: Galletti

MONTH	AVG.	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	80	130	24th	88	18th	82	6th	70	30th
FEB	54	115	5th	30	17th	18	23rd	N/A	
MAR	47	68	7th	64	13th	52	19th	35	1st
APR	36	59	6th	53	30th	34	24th	21	12th
MAY	46	67	24th	64	18th	49	30th	30	12th
JUN	30	38	5th	35	23rd	32	29th	25	11th
JUL	48	59	17th	58	11th	20	5th	43	23rd
AUG	41	50	16th	41	10th	40	28th	39	22nd
SEPT	38	47	21st	46	27th	40	9th	28	15th
OCT	37	50	9th	48	3rd	40	15th	34	27th
NOV	47	83	26th	76	8th	42	2nd	21	14th
DEC	26	66	14th	22	26th	15	8th	14	2nd
ANNUAL STATISTICS	44	HIGH 130	MONTH/ DAY JAN 24TH	2ND HIGH 115	MONTH/ DAY FEB 5TH	3RD HIGH 88	MONTH/ DAY JAN 18TH	4TH HIGH 82	MONTH/ DAY JAN 6TH

* Hour Beginning

2007 ANNUAL SUMMARY
PM-10, $\mu\text{g}/\text{m}^3$ - 24 HOUR AVERAGES

Location: Plumbkit

MONTH	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	78	108 24th	93	6th	78	18th	72	30th
FEB	40	90 5th	38	17th	19	23rd	13	11th
MAR	35	48 7th	47	13th	38	1st	32	19th
APR	18	31 6th	29	30th	17	24th	8	12th
MAY	24	44 24th	27	18th	25	30th	22	12th
JUN	16	20 23rd	19	5th	15	17th	14	11th
JUL	31	46 17th	46	11th	25	5th	20	23rd
AUG	22	26 22nd	25	16th	25	28th	18	4th
SEPT	24	33 9th	30	21st	23	27th	18	3rd
OCT	27	34 15th	29	27th	27	3rd	27	9th
NOV	38	74 26th	54	8th	30	2nd	22	14th
DEC	23	64 14th	16	2nd	13	26th	10	8th
ANNUAL STATISTICS	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
	32	108 JAN 24TH	93	JAN 6TH	90	FEB 5TH	78	JAN 18TH

* Hour Beginning

2007 ANNUAL SUMMARY
PM-10, $\mu\text{g}/\text{m}^3$ - 24 HOUR AVERAGES

Location: Reno3

MONTH	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	52	24th	57	18th	56	6th	24	12th
FEB	28	5th	26	17th	12	23rd	8	11th
MAR	29	7th	36	13th	34	19th	25	1st
APR	18	30th	25	6th	16	24th	11	18th
MAY	29	24th	28	30th	20	12th	17	6th
JUN	17	5th	18	23rd	15	17th	14	11th
JUL	35	17th	44	11th	23	5th	21	23rd
AUG	23	16th	25	28th	24	22nd	18	4th
SEPT	23	21st	27	9th	26	27th	16	15th
OCT	24	15th	29	27th	27	9th	19	3rd
NOV	31	26th	44	8th	24	2nd	18	14th
DEC	20	14th	16	26th	11	2nd	11	8th
ANNUAL STATISTICS	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
	27	69 JUL 17TH	67	JAN 24TH	66	FEB 5TH	57	JAN 18TH

* Hour Beginning

2007 ANNUAL SUMMARY
PM-10, $\mu\text{g}/\text{m}^3$ - 24 HOUR AVERAGES

Location: South Reno

MONTH	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	45	24th	49	18th	47	30th	33	6th
FEB	22	5th	15	17th	11	23rd	8	11th
MAR	22	7th	30	13th	25	19th	16	1st
APR	18	30th	27	6th	17	24th	10	12th
MAY	25	24th	25	18th	24	30th	18	12th
JUN	18	23rd	19	5th	18	17th	18	29th
JUL	30	11th	42	17th	26	5th	23	23rd
AUG	26	22nd	29	28th	27	16th	21	10th
SEPT	21	9th	25	21st	19	27th	18	15th
OCT	23	15th	27	27th	20	9th	19	3rd
NOV	27	26th	32	8th	21	2nd	14	14th
DEC	18	14th	11	26th	8	2nd	8	2nd
ANNUAL STATISTICS	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
	25	JAN 24TH	56	NOV 26TH	54	FEB 5TH	49	JAN 18TH

* Hour Beginning

2007 ANNUAL SUMMARY
 PM-10, $\mu\text{g}/\text{m}^3$ - 24 HOUR AVERAGES

Location: Sparks (Designated)

MONTH	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	45	24th	49	6th	46	30th	45	18th
FEB	29	5th	20	17th	11	23rd	10	11th
MAR	22	7th	26	13th	24	19th	19	31st
APR	17	6th	22	30th	17	24th	7	12th
MAY	25	24th	32	30th	26	18th	18	12th
JUN	20	5th	22	29th	15	17th	13	11th
JUL	35	11th	36	5th	36	17th	36	23rd
AUG	25	28th	29	10th	24	16th	24	22nd
SEPT	26	9th	31	21st	26	27th	20	3rd
OCT	26	27th	30	15th	25	3rd	25	9th
NOV	36	26th	55	8th	36	2nd	20	14th
DEC	24	14th	17	2nd	10	20th	10	26th
ANNUAL STATISTICS	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
	27	FEB 5TH	66	JAN 24TH	62	NOV 26TH	58	DEC 14TH

* Hour Beginning

2007 ANNUAL SUMMARY
PM-10, $\mu\text{g}/\text{m}^3$ - 24 HOUR AVERAGES

Location: Sparks (Collocated)

MONTH	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE	
JAN	46	67	24th	48	6th	46	30th	45	18th
FEB	29	76	5th	20	17th	12	23rd	9	11th
MAR	21	30	7th	26	13th	23	19th	17	25th
APR	19	32	6th	22	30th	18	24th	5	18th
MAY	24	32	24th	31	30th	27	18th	18	12th
JUN	20	25	5th	20	29th	13	17th	11	11th
JUL	34	48	11th	36	5th	34	23rd	33	17th
AUG	27	33	10th	30	28th	26	16th	25	22nd
SEPT	26	34	9th	31	21st	24	27th	20	15th
OCT	26	33	27th	31	15th	27	3rd	25	9th
NOV	36	61	26th	55	8th	35	2nd	19	14th
DEC	22	58	14th	17	2nd	15	8th	11	26th

ANNUAL STATISTICS	HIGH	MONTH/ DAY	2ND HIGH	MONTH/ DAY	3RD HIGH	MONTH/ DAY	4TH HIGH	MONTH/ DAY
27	76	FEB 5TH	67	JAN 24TH	61	NOV 26TH	58	DEC 14TH

* Hour Beginning

2007 ANNUAL SUMMARY
PM-10, $\mu\text{g}/\text{m}^3$ - 24 HOUR AVERAGES

Location: Toll

MONTH	HIGH	DATE	2ND HIGH	DATE	3RD HIGH	DATE	4TH HIGH	DATE
JAN	35	42 30th	41	24th	36	6th	33	18th
FEB	16	43 5th	9	23rd	6	17th	5	11th
MAR	17	22 13th	19	19th	18	7th	16	25th
APR	15	26 30th	24	6th	12	24th	8	18th
MAY	24	29 30th	26	24th	23	18th	17	12th
JUN	15	18 23rd	15	17th	14	11th	13	29th
JUL	26	37 11th	32	17th	26	5th	19	23rd
AUG	25	31 28th	27	16th	26	22nd	25	10th
SEPT	21	30 9th	24	21st	21	27th	17	15th
OCT	19	27 15th	26	27th	20	9th	17	3rd
NOV	23	41 26th	31	8th	18	2nd	12	14th
DEC	14	33 14th	12	2nd	12	26th	8	20th
ANNUAL STATISTICS	21	HIGH 43 MONTH/ DAY FEB 5TH	2ND HIGH 42 MONTH/ DAY JAN 30TH	3RD HIGH 41 MONTH/ DAY JAN 24TH	4TH HIGH 41 MONTH/ DAY NOV 26TH			

* Hour Beginning

**2007 ANNUAL SUMMARY
NO2, ppm - HOURLY AVERAGES**

Location: Renos3

MONTH	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.031	0.064 26/11	0.063	29/10	0.060	25/12	0.057	27/9
FEB	0.023	0.071 6/12	0.068	1/9	0.062	5/11	0.054	3/9
MAR	0.021	0.065 14/9	0.062	19/9	0.056	7/10	0.052	9/10
APR	0.013	0.051 30/7	0.047	4/7	0.045	29/2	0.041	5/21
MAY	0.013	0.062 24/9	0.050	14/8	0.046	10/2	0.043	29/8
JUN	0.011	0.047 26/9	0.044	4/9	0.044	16/8	0.043	20/6
JUL	0.012	0.046 6/8	0.044	2/4	0.038	3/8	0.037	11/7
AUG	0.015	0.055 17/8	0.049	13/8	0.048	30/10	0.047	26/2
SEPT	0.016	0.068 28/9	0.063	27/10	0.053	19/7	0.052	21/8
OCT	0.019	0.055 24/11	0.053	15/10	0.052	25/11	0.048	4/7
NOV	0.028	0.067 26/10	0.062	15/13	0.058	16/13	0.056	6/11
DEC	0.026	0.072 3/10	0.053	17/9	0.051	12/14	0.050	23/10

ANNUAL STATISTICS	HIGH	MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
0.019	0.072	DEC 3/10	0.071	FEB 6/12	0.068	FEB 1/9	0.067	NOV 26/10

* Hour Beginning

2007 ANNUAL SUMMARY
NO, ppm - HOURLY AVERAGES

Location: Reno3

MONTH	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.054	18/9	0.259	27/9	0.257	29/10	0.248	23/9
FEB	0.027	1/9	0.213	3/8	0.208	16/9	0.173	5/10
MAR	0.016	19/9	0.215	7/10	0.195	13/8	0.183	14/8
APR	0.005	13/8	0.073	16/7	0.064	4/7	0.062	30/7
MAY	0.004	14/8	0.076	23/6	0.073	7/7	0.062	24/9
JUN	0.003	28/7	0.061	26/9	0.042	11/7	0.041	4/8
JUL	0.004	30/7	0.041	3/8	0.038	20/7	0.035	26/6
AUG	0.005	17/8	0.069	24/8	0.060	13/7	0.059	6/7
SEPT	0.009	21/8	0.149	27/9	0.130	13/7	0.126	28/8
OCT	0.017	24/8	0.304	25/8	0.193	15/7	0.176	30/8
NOV	0.039	26/10	0.214	16/11	0.208	18/8	0.188	15/9
DEC	0.028	3/10	0.185	6/10	0.166	17/9	0.156	23/8
ANNUAL STATISTICS	0.018	HIGH MONTH DATE/HOUR*	0.342	HIGH MONTH DATE/HOUR*	0.304	HIGH MONTH DATE/HOUR*	0.300	HIGH MONTH DATE/HOUR*
		OCT 24/8		FEB 1/9		OCT 25/8		DEC 3/10

* Hour Beginning

**2007 ANNUAL SUMMARY
NOx, ppm - HOURLY AVERAGES**

Location: Reno3

MONTH	HIGH	DATE/ HOUR*	2ND HIGH	DATE/ HOUR*	3RD HIGH	DATE/ HOUR*	4TH HIGH	DATE/ HOUR*
JAN	0.085	0.322 18/9	0.320	29/10	0.316	27/9	0.297	23/9
FEB	0.051	0.410 1/9	0.263	3/9	0.258	16/9	0.227	5/11
MAR	0.037	0.284 19/9	0.271	7/10	0.247	13/8	0.241	14/9
APR	0.019	0.140 13/8	0.114	30/7	0.113	16/7	0.112	4/7
MAY	0.018	0.142 14/8	0.125	24/9	0.114	23/6	0.107	7/7
JUN	0.015	0.109 26/9	0.106	28/7	0.084	4/8	0.068	11/7
JUL	0.015	0.083 30/7	0.079	3/8	0.075	20/7	0.073	6/8
AUG	0.021	0.180 17/8	0.110	24/8	0.106	13/7	0.094	6/7
SEPT	0.026	0.228 21/8	0.206	27/9	0.190	28/8	0.178	13/7
OCT	0.036	0.403 24/8	0.347	25/8	0.231	15/7	0.210	30/8
NOV	0.067	0.320 26/10	0.266	16/11	0.243	18/8	0.218	15/9
DEC	0.055	0.372 3/10	0.228	6/10	0.220	17/9	0.197	22/22
ANNUAL STATISTICS	0.037	HIGH MONTH DATE/HOUR*	2ND HIGH	MONTH DATE/HOUR*	3RD HIGH	MONTH DATE/HOUR*	4TH HIGH	MONTH DATE/HOUR*
	0.410	FEB 1/9	0.403	OCT 24/8	0.372	DEC 3/10	0.347	OCT 25/8

* Hour Beginning