



Director's Report

SEPTEMBER 2013

On September 16th, Air Quality Management staff attended an event hosted by the Eastern Sierra Chapter of the Air & Waste Management Association. The event featured a presentation from Dr. Jason Geddes, City of Reno Environmental Services Administrator and Chair, Nevada System of Higher Education Board of Regents. Dr. Geddes presentation was titled "Greetings to our Community: Energy Efficiency, Renewable Energy and Single Stream Recycling". In addition to information on the benefits of energy efficiency the City of Reno has experienced, he provided details regarding the new single stream recycling program that will begin in February 2014.

The National Association of Clean Air Agencies (NACAA) held its Fall Membership Meeting in Baltimore, Maryland on September 23rd through 25th which was attended by air directors from around the Country. I attended the meeting as the Washoe County Air Quality Management representative but actually ended up being the only representative from Nevada. Debbie Jordan, Air Director for EPA Region IX, was very appreciative of our attendance at the meeting and our continued participation with the NACAA Permitting, Enforcement, Toxics, and Emissions & Modeling Committees.

The Planning & Monitoring Staff has been evaluating the lessons learned as a result of the significant air quality impacts from the American and Rim Fires. With these lessons in mind, staff has already begun preparations for the upcoming Keep It Clean – Know the Code Season which officially begins on November 1st. Several of the methods used to provide the public with current air quality information will be modified to improve the quality and delivery of the data.

AIR QUALITY COMPARISON FOR SEPTEMBER

Air Quality Index Range		# OF DAYS SEPTEMBER 2013	# OF DAYS SEPTEMBER 2012
GOOD	0 to 50	15	24
MODERATE	51 to 100	13	6
UNHEALTHY FOR SENSITIVE GROUPS	101 to 150	2	0
UNHEALTHY	151 to 200	0	0
VERY UNHEALTHY	201 to 300	0	0
TOTAL		30	30

On Sunday, September 29th, AQMD staff participated in the National Plug In Day celebration held at Idlewild Park. Organizations from all over the Truckee Meadows gathered to celebrate the benefits of electric vehicles and promote alternative transportation. Several different types of electric vehicles were on display including the AQMD Nissan Leaf, 2012 Fisker Karma, and several Tesla vehicles.

Charlene Albee, acting Division Director



HIGHEST AQI NUMBER BY POLLUTANT

Air Quality

POLLUTANT	SEPT 2013	YTD for 2013	SEPT 2012	Highest for 2012
CARBON MONOXIDE (CO)	9	24	12	29
OZONE 8 hour (O3)	64	93	67	104
PARTICULATES (PM _{2.5})	121	174	28	105
PARTICULATES (PM ₁₀)	85	97	44	74

For the month of September 2013, the highest Air Quality Index (AQI) values reported was one hundred twenty-one (121) for PM_{2.5}. There were no exceedances of Carbon Monoxide, Ozone or PM₁₀. There were fifteen (15) days the air quality was in the good range, thirteen (13) days in the moderate range, two (2) days in the Unhealthy for Sensitive Groups range.

Planning & Monitoring Activity

Monitoring:

The Galletti monitoring site has been in operation since 1988. This station is in the process of relocating approximately 250 feet north. Trees near the current location have grown and negatively impact the sampling path for particulate matter and carbon monoxide. Relocation is anticipated to be complete by the end of CY 2013.

Planning:

The Washoe County District Board of Health will be considering suspending the Oxygenated Fuels Program at the October DBOH meeting. Oxy-Fuels, along with the Woodstove and Smog Check programs, were three effective control strategies that reduced carbon monoxide emissions and helped the Truckee Meadows attain the carbon monoxide National Ambient Air Quality Standard.

*Dan Inouye, Branch Chief
Planning and Monitoring*

Permitting Activity

TYPE OF PERMIT	2013		2012	
	SEPT	YTD	SEPT	ANNUAL TOTAL
Renewal of Existing Air Permits	119	1086	105	1339
New Authorities to Construct	6	60	4	88
Dust Control Permits	7 (112 acres)	92 (796 acres)	9 (75 acres)	105 (1420 acres)

Wood Stove Certificates	39	269	33	329
WS Dealers Affidavit of Sale	6 (4 replacements)	64 (40 replacements)	8 (4 replacements)	134 (83 replacements)
WS Notice of Exemptions	939 (11 stoves removed)	6226 (63 stoves removed)	458 (3 stoves removed)	7346 (83 stoves removed)

<i>Combined Total for both: Asbestos Assessments and Asbestos Demo and Removal (NESHAP)</i>	81	825	67	1148
Asbestos Assessments	65	657	-	-
Asbestos Demo and Removal (NESHAP)	16	168	-	-

Compliance &
Inspection Activity

Staff reviewed thirteen (13) sets of plans submitted to the Reno, Sparks or Washoe County Building Departments to assure the activities complied with Air Quality requirements.

Staff conducted fifty-seven (57) stationary source renewal inspections in September 2013. Staff also conducted inspections on asbestos removal and construction/dust projects.

Permitting & Enforcement Activity

The Permitting Section is proud to announce that on September 9, 2013 the Prevention of Significant Deterioration (PSD)/Title V Permit was issued to Unique Infrastructure Group for the 360 MW natural gas fired power plant to be located at the Sparks Energy Park. The issuance of this permit represents the culmination of two years of permit processing which included a public hearing and two separate public notices. The Permitting Section worked closely with EPA Region IX to ensure the conditions of the permit met all Federal, State, and Local regulatory requirements. The supporting impact analysis document was also submitted to EPA Headquarters in Washington, D.C. for review of the Green House Gas (GHG) Best Available Control Technology evaluation. The Sparks Energy Park will be a dedicated power producer for the technology park and data center which is currently under construction north of Interstate 80 at the Patrick Exit.

The Enforcement Branch continues to work on numerous asbestos related projects in the area. With the approach of the October deadline for breaking ground on projects in Incline Village, staff inspected the demolition of 11 residential structures in the month of September. Additionally, a major asbestos abatement project kicked off at the Getchell Library on the campus of the University of Nevada, Reno. The complete abatement of the old library is expected to take at least two months with several phases scheduled to include all four floors of the building. Upon completion of the asbestos abatement, the building will be demolished to make way for the new William Pennington Student Achievement Center.

*Charlene Albee, Branch Chief
Permitting & Enforcement*

Enforcement Activity

COMPLAINTS	2013*		2012		
	SEPT	YTD	SEPT	YTD	Annual Total
Asbestos	0	19	2	15	18
Burning	1	4	0	5	8
Construction Dust	4	25	4	28	30
Dust Control Permit	2	11	2	6	7
General Dust	0	36	2	36	46
Diesel Idling	0	1	3	7	8
Odor	0	12	0	7	16
Spray Painting	2	8	1	3	5
Permit to Operate	2	15	1	39	55
Woodstove	1	10	0	14	16
TOTAL	12	141	15	160	209
NOV'S	SEPT	YTD	SEPT	YTD	Annual Total
Warnings	1	20	4	38	46
Citations	1	23	1	25	40
TOTAL	2	43	5	63	86

* Discrepancies in totals between monthly reports can occur because of data entry delays.

Notices of Violation (NOVs):

There were two (2) Notice of Violations (NOV's) issued in the month of September 2013. There was one (1) NOV Warning and one (1) NOV Citation.