



EMERGENCY MANAGEMENT

Purchase of new vehicles initiates vehicle transfers throughout the county

The purchase of three new staff vehicles through recent EPWG grants has enabled Emergency Management to upgrade and relocate fire response vehicles throughout Nye County. Vehicles and equipment in communities in the outlying areas such as Gabbs, Manhattan, and Belmont have had gas engine vehicles replaced with diesel engine vehicles, and propane conversions thus reducing maintenance and repair issues. We have some more conversions planned and anticipate completing them this year. The Nevada Division of Forestry has been very helpful in up-fitting the vehicles which has been a great cost saving to the county. As the new vehicles were completed we were able to transfer vehicles as follows:

2006 Dodge command vehicle to Beatty Fire Chief Mike Harmon. This vehicle now is capable of fire attack.

2006 Dodge 4X4 diesel rescue to Gabbs Fire Dept. Replaced a 1994 rescue vehicle with a gas engine, added four wheel drive capability, and propane generator.

2008 Dodge Durango to Vance Payne, Director of Emergency Management, providing for a slight upgrade of his previous vehicle.

2002 Dodge 4X4 rescue to Manhattan Fire Dept. This vehicle replaced a 1989 rescue vehicle with a gas engine, added four wheel drive capability and a propane generator.

Modified 500 gallon fire trailer to Belmont, providing for new propane conversion on the pump engine.

2005 type I Pierce Engine to Currant Creek. This vehicle will aid in reducing response time while enhancing capabilities for the Railroad Valley area.

1994 Rescue from Gabbs to Station 51. This vehicle was modified to a technical response utility vehicle.

1989 Rescue from Manhattan to Currant Creek. This vehicle will add more capability and response to Railroad Valley.

Two of the new vehicles are assigned as response vehicles to the Fire and EMS Training Officers, and the third larger vehicle, with more towing and hauling capability, to the Logistics Officer.

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Additional pictures!!



MANHATTAN Volunteer FD, Station 61 having a training/refresher on their mini-pumper, March 12, 2015.



DID YOU KNOW.....

History of Oil in Railroad Valley

Railroad Valley is situated 15 miles East of Hot Creek Valley, Nye County and is the predominate area of oil and gas production in Nevada. The basin is approximately 80 miles long and up to 20 miles wide. Most of Nevada's oil production (approximately 553,000 barrels during 2002) came from several small oil fields in Railroad Valley including Eagle Springs, Trap Springs, and Grant Canyon oil fields. Oil & Gas operators that are currently or have in the past worked in Railroad Valley include Shell Oil, Gulf Oil, Texaco (Chevron), Marathon Oil, Husky Oil, Amoco, and Phillips Petroleum.

The most prolific oil field in Nevada was discovered in 1983, when Northwest Exploration Grant Canyon No 1 was drilled and completed. The Grant Canyon Field is in Railroad Valley, less than a mile east of the Bacon Flat Field. By the end of 1986 the two remaining field wells were producing on average 2,200 and 4,100 barrels of oil per day. For a time, Grant Canyon No 3 was the most prolific onshore oil well in the continental United States, flowing up to 4,300 barrels of oil per day. Recoverable reserve estimates are 13 million barrels of oil; 5.3 million barrels had been produced by the end of 1986 alone.

The most recent oil discovery in Nevada was drilled in 1986: the Marathon Oil Co. Kate Spring No 1, in Railroad Valley less than a mile south of the Eagle Springs Field. This discovery well had an initial flowing potential of 345 barrels of oil and 1,371 barrels of water per day. Production has fallen of since the early 1990's and has flattened out. There is clearly much potential for further oil and gas production within Central Nevada that has yet to be discovered. New technologies in exploration and with the price of oil increasing, another large discovery in Nevada will quickly reverse the current trend.



Grants within Emergency Management

Nye County Emergency Management oversees grants related to the Local Emergency Planning Committee (LEPC), Emergency Management, Volunteer Fire Departments and Volunteer Ambulance Departments. Typically in any given fiscal year, we oversee and participate in about 6-8 grants opportunities. A few of our current grants are explained below.

The LEPC recently applied to the NV State Emergency Response Commission (SERC) for the fiscal year 2016 SERC Planning, Training, Equipment and Operations grant in the amount of \$28,970. Items under this grant must be related to the prevention of, mitigation of and response to hazardous materials incidents. At the February 4, 2015, LEPC meeting the committee voted to apply for Level B & C suits which help protect responders from a wide variety of chemicals and biological agents. These suits will be added to our current cache within the county that is available for the Hazmat teams in the North and South, and also to PVFRS. In addition to the suits, the LEPC will receive \$4,000 for operational expenses since it is administratively compliant with the SERC. These operational funds will go towards costs associated with LEPC – salary for the LEPC Secretary, office supplies, etc.

In December 2013, Emergency Management, with the assistance of BEC Environmental, Inc., applied for the fiscal year 2013 Assistance to Fire Fighters Grant (AFG) through FEMA. In September of 2014 a grant award was received in the amount of \$634,750. This grant will supply the volunteer fire fighters with 108 Self Contained Breathing Apparatus units, 8 RIT (Rapid Intervention Team) packs, and 2 Compressor Fill Stations. These much needed SCBA's will be distributed throughout the Volunteer Fire Departments within Nye County. The Compressor Fill Stations will be housed at the Amargosa Valley and Beatty Volunteer Fire Stations. This is an extremely difficult grant to be awarded, and the equipment is greatly needed and appreciated.

Any information or suggestions regarding grant opportunities can be e-mailed to Missy Molt at mmolt@co.nye.nv.us



Unknown Firefighters using SCBA's

Self Contained Breathing Apparatus (SCBA)



Looking for a leader?

4 Keys to Finding Hidden Leaders in Your Organization

Jim Kouzes writes in the foreword of *The Hidden Leader* that “Our images of who’s a leader and who’s not are all mixed up in our preconceived notions about what leadership is and isn’t.” Well put. That is the issue.

He goes on to say that “**hidden leaders are those people in your organization who share the belief that what they do matters.**” And they are all around us.

The authors Scott Edinger and Laurie Sain have developed some key indicators for finding the hidden leaders in your organization or team. These people can be “defined, identified, nurtured, and encouraged to help an organization develop a competitive edge.” Some will accept a position and others will prefer to stay off the organizational chart, but all can drive excellence throughout the organization.

Hidden leaders display **four key identifiers**: they demonstrate integrity, lead through relationships, focus on results, and remain customer-focused no matter what role they have in the organization. Let’s look at them one by one:

Demonstrate Integrity. Edinger and Sain believe that this is the “absolute bottom-line requirement of hidden leadership.” It means a consistent display in thoughts and actions of a strong ethical code of conduct that is “focused on the welfare of everyone.” Their consistent adherence to their beliefs makes them predictable and therefore dependable. They have the courage to do the right thing even when it is difficult.

Lead Through Relationships. Leading through relationships is the basis of leadership. They get along with others and value others. They “lead and inspire because of who they are and how they interact with others.” They don’t depend on their position or lack of it to influence the actions of others.

Focus on Results. The hidden leader “maintains a wide perspective and acts with independent initiative.” They use the end to define the means, which can mean working outside of strict processes to achieve the end result. “They aim for the end they are supposed to produce” so “they feel responsible and accountable, not just for the demands of their jobs but also for successful outcomes for stakeholders involved.”

Remains Customer Purposed. This is different than customer service; it is an “awareness of how an action in a specific job affects the customer.” It is a big-picture focus and having a deep understanding of the value promise of an organization.

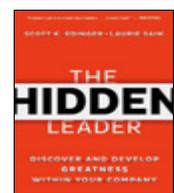
For some hidden leaders one characteristic may dominate and others may need to be fully developed, but a hidden leader who lacks integrity, isn’t a hidden leader. Any leader needs support from other leaders in the organization and a good leader will make a priority out of developing others.

Hidden leaders are easier to spot in flatter organizations and those that provide a greater number of areas to contribute. Listening to people at all levels is a big part of that.

By recognizing hidden leaders we help to create a culture that develops more leaders. The hidden leaders are there. It is a leader’s responsibility to discover and develop them.



“It’s not easy taking my problems on at the time when they refuse to get in line”
Ashleigh Brilliant



Nye County EMS Division making progress in the desert.

Nationally EMS has been making a considerable transformation. The National Registry of Emergency Medical Technicians has set forth a deadline to transition all existing EMT Basic providers and EMT Intermediate providers into a more progressive scope of practice that will now be referred to as an EMT and Advanced EMT respectively. This transition comes with a wider knowledge base of anatomy & physiology as well as a considerable expansion of skills. This deadline is set for March 31st 2016. As a result of tireless commitment and dedication nearly all of the Nye County EMS providers have met that deadline at this early date.

So from here on out there will no longer be any EMT Basic courses or EMT-Intermediate courses offered in Nye County or anywhere else for that matter. The EMS courses offered will be of a more progressive nature and will be referred to as EMT & AEMT courses. These courses require more classroom hours, more skills training and more field clinical time than courses traditionally have been in the past. Ultimately this is a development to offer a broader level of care to our communities in their greatest times of need. Nye County is a prime example of rural life with such a geographically dynamic setting. The challenges appreciated by ambulance services with transport times to the nearest hospital approaching an hour, some locations more than an hour. With the constant progression of science and technology comes the constant progression of medicine. Nye County EMS recognizes the importance of continued progression to remain current with the latest and greatest advances in emergency medicine.



Christine Mikiels, Michael Klein, Alex Mills, Crystal Mills, Derek Bayer and Bridal Perez



Paul Chaffee, Alex Mills, Rod Fernandes, Amy Mills

On August 22nd 2014 Nye County EMS initiated a new EMT course at Station 41 Amargosa Valley Ambulance Service. This course concluded on December 12th 2014. The class started with the total of 10 students, and concluded with the total of 9 students. Among the 9 students who successfully completed the course 6 of them are now National Registry Emergency Medical Technicians. This EMT course was coordinated and lead instructed by the current Nye County EMS Training Officer Michael Klein/AEMT. The assisting instructors were as follows: Roddy Fernandes Pahrump Valley Fire & Rescue/AEMT, Michael Wehmeyer

Beatty Ambulance Service/AEMT and Allison Henderson Beatty Ambulance Service/AEMT.



Dejeon Romero, Dolores Perez, Melody Rivera, Derek Bayer, Dolores's son as the patient.



John Burton, Anthony Chase, Sawn Gudmunson , Mike Harmon and Reagan Musselman



Dawn Gudmunson & John Burton

On February 27th 2015 Nye County EMS initiated a new AEMT course at Station 21 Smoky Valley Ambulance Service. This course is tentatively scheduled to conclude on May 2nd 2015. The class started with the total of (15) students and is currently in progress with (12) students remaining. The AEMT course coordinator and lead instructor is the current Smoky Valley Ambulance Service Training Officer: Jessica Musselman /AEMT. The assisting instructors are as follows; Jody Millard Smoky Valley Ambulance Service/AEMT, Allison Henderson Beatty Ambulance Service/AEMT, Joy Millard Smoky Valley Ambulance Service/AEMT and Michael Klein Nye County EMS/AEMT.

The Nye County Department of Emergency Management would like to take this opportunity to express the utmost level of respect and admiration for all of the volunteers who make this ongoing growth possible. It is important for us all to appreciate how much time and sacrifice our county EMS providers and Firefighters give to the community to keep Nye County safe.

Respectfully
Michael L Klein/NV-AEMT



Mike Harmon, Tim Gamble, John Burton, Anthony Chase and Nichole Cooley

<http://emergency.cdc.gov>

There are many learning opportunities to take advantage of online. On this website from Centers for Disease Control and Prevention, they touch base on Different Natural Disasters and Severe Weather . Looking at some highlights:

IT'S HOT OUTSIDE! STAY COOL. STAY HYDRATED. STAY INFORMED.

Drink plenty of water and **don't wait** until you're thirsty to drink.

Drink from two to four cups of water every hour when you exercise or work outdoors.

Avoid alcohol or liquids containing large amounts of sugar.

www.cdc.gov/nceh/extremeheat

Centers for Disease Control and Prevention
National Center for Environmental Health

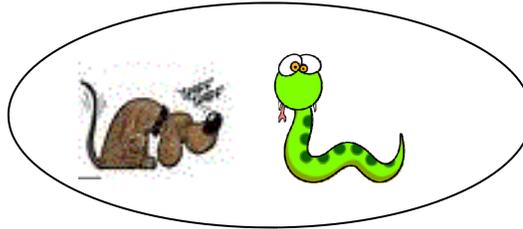


Indoor Lightning Safety tips:

- **Avoid water** : Do NOT bathe, shower, wash dishes, or have any other contact with water during a thunderstorm because lightning can travel through a building's plumbing.
- **Avoid electronic equipment**: Do NOT use your computers, laptops, game systems, washers, dryers, stoves, or anything connected to an electrical outlet. Lightning can travel through electrical systems, radio and television reception systems, and any metal wires or bars in concrete walls or flooring. Equip homes with whole-house surge protectors to protect appliances.
- **Avoid corded phones**: Corded phones are NOT safe to use during a thunderstorm. Do NOT use them. However, it is safe to use cordless or cellular phones during a storm.
- **Avoid windows, doors, porches, and concrete**: Do NOT lie on concrete floors during a thunderstorm. Also, avoid leaning on concrete walls. Lightning can travel through any metal wires or bars in concrete walls or flooring.



Animal control (775-751-6315)



Safeguarding Your Pets

With the onset of Spring & Summer dog owners need to be aware of one of your pets possible enemies the Rattlesnake. Rattlesnakes are very common in the parks and on the trails that many dog-lovers use for hikes and walks with their dogs. More and more homes are being built in areas that were previously rural, making encounters with wildlife even more common. There are a few preventive steps, you can take to reduce the chances your dog will get bitten. Rattlesnakes can be a life-threatening danger to dogs of all sizes. Unlike humans who know the distinctive sound of a rattler means danger, dogs are naturally curious. The first thing dogs do is put their nose down to investigate. That is why most of the snake bites to dogs happen in the face or front legs.

- **Walk your dog on 6-foot leash.** The vast majority of rattlesnake bites occur when a dog is off-leash. If you hear a rattle or see a snake on the ground ahead of you, you can usually avoid it if your dog is on a 6-foot leash.
- **Avoid rocky or dense brush** on your walks with your dog, stay on the trail, and choose wide trails or roads over narrow brush-bordered trails if possible. That way you are more likely to see a snake sunning itself across your path, and be able to stop and avoid it in time. Also, keep your yard grass cut short and eliminate brush, piles of rocks where snakes like to sun themselves as well as hide.
- **If your dog is bitten by a rattlesnake** If you can, carry your dog to your car. If you can't carry your dog without them (or you!) struggling, walk them to your car. Limiting the dog's activity will limit the venom moving around in their body, which is better. **THEN GET THEM TO A VETERINARIAN IMMEDIATELY!** The faster your dog can get the support of emergency treatment, the greater their chance of a quick recovery and, in some cases, survival.

For more information on Rattlesnake Avoidance training, contact the Nevada Wildlife Federation (<http://nvwf.org/php/snake-avoidance.php>) for the upcoming class schedule.

Tim McCarty Animal Control

On the road in our Beautiful County!

Here are some views you can see while travelling between Tonopah and Belmont



Pictures from 2014-2015 ELFF/FFI class



Bottom row left to right: Rich Flanagan, Jimmy Rosen, James Rice, Diane McGinnis, Carl Dennett, Dylan Landsberry
Back row left to right: Daniel McBrohm, Jeremy Goff, Earl Bass, Ryan Thomas, Darrin Tuck, Ryan D’Ambrosio, Steve Witherell, Brian Artino, Kurt Overall, Darrick Stokes, Ed Booss.

Dylan Landsberry & Kurt Overall training with the “Master stream device” off of Engine 51 at the Firefighter I training in the beginning of February 2015





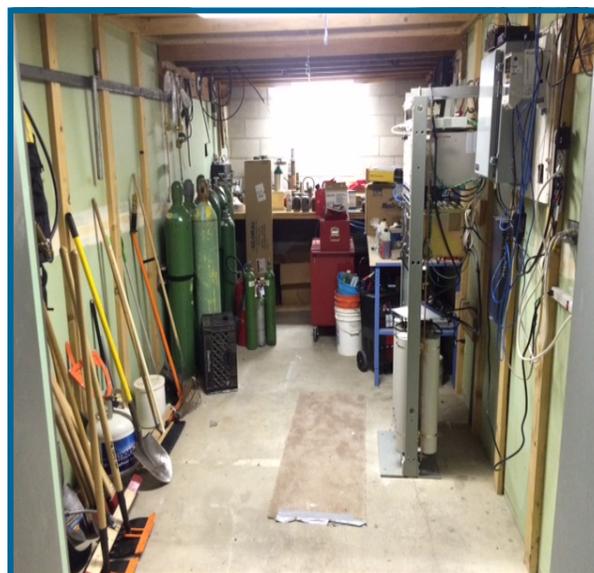
Students are learning necessary skills at the Fire Fighter & Entry Level Fire Fighter class



Communication Tower in Gabbs

This is the end of a yearlong preparation to improve radio communications in Gabbs. The tower was provided by Emergency Management and the labor was a joint effort by I.T., Public Works, Premier Mining, and Emergency Management. There is one gigantic block of concrete and steel holding that thing up! Brad Adams and crew did a fabulous installation and assisted in removing an unused fire department high pressure compressor that we will place in protected storage. There is an old broken power generator in an outside attached shed that will be removed. In the future, we will find a generator to replace it. I hope to make the fire/ambulance building the only place in town with back-up power in case of emergencies. Huge thanks to all the people that have helped! I love these joint efforts!!

Thank you,
Vance Payne
Director



Smoke in the Desert.....



Amargosa Valley, Pahrump VFRS, San Bernardino and Station 51 personnel are requested for Mutual Aid to Southern Inyo County Fire Protection District. October 14, 2014

AND talking about smoke:.....

ESF 13 – Public Safety and Security:

Turn and Test for Daylight Saving Time

(If you didn't take care of this during daylight savings, you can always start TODAY)



When Daylight Saving Time kicks in the American Red Cross has a reminder for households across the country: TURN your clocks ahead one hour, and TEST your smoke detectors.

CHECK YOUR SMOKE ALARM BATTERIES :

When you turn the clocks ahead, take a few minutes to replace the batteries in your smoke alarms and push the test button to make sure the alarms are working. It's also a great time to check your carbon monoxide detectors.

HOW CAN I MAINTAIN SMOKE ALARMS? Smoke alarms save lives. You should:

- Install smoke alarms on every level of your home, inside bedrooms and outside sleeping areas.
- Check monthly that smoke alarms are working properly by pushing the test button
- Replace batteries in smoke alarms at least once a year.
- Replace some alarms every ten years.

AM I READY IF A FIRE OCCURS? In addition to checking and replacing smoke alarm batteries, households should take a second important step in fire safety. Planning for fire emergencies is important, so all families should practice fire drills at home.

Make sure all household members know two ways to escape from every room of your home, and set up a meeting place outside in case of a fire. Practice escaping from your home at least twice a year and at different times of the day. Once you've done all that, you can turn your focus to giving what fire takes. People across the country safely escape home fires thanks to working smoke detectors, but often lose everything they own. Help #GiveWhatFireTakes as part of a new social media campaign to support home fire survivors across the country. In conjunction with the Home Fire Preparedness Campaign, you can set goals and fundraise with Crowdrise or choose your own amount.

Source: <http://www.redcross.org/news/article/Spring-Forward-and-Make-Sure-Youre-Prepared>

Video shoot in Pahrump for Department Of Energy trainings for responders country wide.



Over the last year or so, we received training from a Department of Energy (DOE) group called TEPP (Transportation Emergency Preparedness Program). They provide a course called the Modular Emergency Response Radiological Transportation Training program (MERRTT). The purpose is to provide responders with planning tools and training to address any potential incident involving DOE owned radioactive materials and address the concerns of state, tribal, and local officials. Through this cooperative effort, we have been able to enhance the knowledge, capability, awareness, and comfort level of our local responders. TEPP is constantly reviewing and updating their training materials, which are used and taught all over the country. Last October, TEPP approached Emergency Management about their need to update the video component of their training curriculum. All of their instructors were impressed with our community, the geography, our emergency responders, our apparatus, and our training site on Mesquite Street. All of this together led them to request help in creating a new, updated video for their program. After months of preparation, TEPP arrived on Monday, March 9th, with an entourage of videographers, actors, set designers, and support personnel. Members of the Sheriff's Office, Pahrump Valley Fire and Rescue, Nye County Technical Response Team, and Emergency Management assisted in the making of this video. It was finished on Friday, March 13th.

The scenario involved a transportation crash between a van carrying low level radioactive material and a passenger vehicle. The excitement was complicated by a breach in the vessel carrying the waste, a fire, overturned vehicle, and victim injuries. The intent was to show how a proper response should look and visual reference to techniques taught in the MERRTT class. Filming occurred in the Emergency Management building, Sheriff's dispatch center, The Mesquite Street Training Center, and the streets near the Animal Shelter. A lot of care and re-shoots were done to ensure safe practices and realistic actions were portrayed. Emergency responders all over the country will be educated using this video, so attention to detail was paramount!

We are extremely pleased that Nye County was chosen to be part of such an important educational tool. Once again, our community and its emergency responders are recognized for their knowledge and willingness to be involved. Our training partners with TEPP are committed to this relationship of excellence and will be working with us for years to come!

Vance Payne, Director of Emergency Management



More pictures from the video shoot. Film crew directing actors as well as volunteers from station 51. Also seen in the picture are some of the apparatus used from Pahrump Valley Fire and Rescue.



MERRTT training in Beatty on January 17th-18th 2015



From left to right: Instructor, Paul Chaffee, Derek Bayer, Melody Rivera, Steve Witherell, Jimmy Rosen, Zachary Clayton, Crystal Mills, Ryan D'Ambrosio, Amanda Mills, Matthew Clayton, Allison Henderson, Mike Klein, Mike Harmon

MERRTT stands for:
Modular
Emergency
Response
Radiological
Transportation
Training

TMERRTT training in Pahrump at Station 51 in January 2015



This training was an advanced extension of the regular MERRTT class.

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EMERGENCY PREPAREDNESS TIPS AND IDEA'S

“If you prepare for what is most likely to happen, when something happens, you’ll most likely be prepared”

Excerpts from Michael Janich’s article in “Survive Magazine 2014” :

“One of the easiest ways to define a good survival skill set it to look back a few decades to the ways people did things before we became obsessed with conveniences and high-tech gadgets. For most of us, a “survival” situation is probably going to be a matter of coping with a temporary disruption of normal, everyday life. A big part of this disruption will be the loss of many modern conveniences we’ve come to rely upon. When this happens, our job is to know how to **stay hydrated, fed, warm, and safe** by using the more “primitive” resources that are still working. There are skills that each of us should take time to learn in each of our areas we live and/or visit in”:

1. **Hydration:** Staying hydrated is the top priority in any survival situation. Figure out and execute your water plans before you run out of water. 
 2. **Eating/Cooking:** If you don’t already know how to, start now to learn to cook on unconventional stoves such as a camp stove, backyard grill or fire place.
 3. **First Aid:** Having the skills and knowledge to effectively deal with minor medical emergencies is critically important. 
 4. **Navigation:** Map reading and land navigation are great to know, if you need to evacuate. 
 5. **Fixing Stuff:** Learn a few simple fixes to minor repairs. Practice, Practice, Practice.
 6. **Knots:** Tying and untying knots is good to learn for many different reasons. 
 7. **Fire Making:** Learn about making and keeping a suitably sized fire for keeping warm and for cooking. Learn about different type of tinder, kindling and fuel. 
 8. **Practical Shooting:** Assess the problems you may face and train accordingly.
 9. **Functional Fitness:** Create and use the *Bug-out-bag. Have you walked a significant distance with it? Try to climb over a fence with it! These actions involve fitness, balance and dexterity. 
- “In an emergency situation, skills trump toys. Focus on developing usable skills now, so you know how to do what you need, when you need it most.”**

* A “Bug out bag” is a back pack that contains survival items, just in case you need to evacuate or leave on foot.

