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LYON COUNTY JURISDICTIONAL ASSESSMENT AND ACTION PLAN
November 5, 2020

PREPARED BY: Lyon County Managers Office
Lyon County Emergency Management
Carson City Health and Human Services

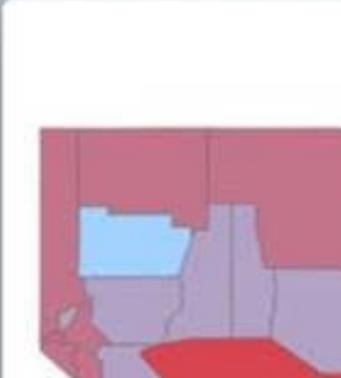
COPIED TO: City of Fernley
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North Lyon County Fire Protection District
Smith Valley Fire Protection District
South Lyon Medical Center
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Lyon County Board of Commissioners
Lyon County Public Health Officer

OVERALL ASSESSMENT

Lyon County and the two incorporated cities have been notified that we have hit two out of three of States criteria for future monitoring and have been directed to complete this assessment and action plan.

County Tracker: Nevada's counties are diverse in so many ways and have been i
 elevated disease transmission this tracker will be updated daily. Monday snapshots are
A county is flagged for elevated disease transmission if it meets two of the three

- 1. Average number of tests per day (per 100,000) < 100.** The average number of molecular tests conducted in the most recent complete two week period in a county, divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Due to reporting delay, this is reported over a 14-day period with a 7-day lag. Counties that average fewer than 100 tests per day will meet this criterion.
- 2. Cases (per 100,000) > 200.** The total number of cases



Lyon County is a partner with the Quad County Health Care Coalition and is utilizing the services provided by the Carson City Health and Human Services Department. A detailed explanation of this partnership is explained below:

The complaint process that occurs through the Quad-County COVID-19 Hotline:

The Quad-County COVID-19 Hotline functions not only to assist callers with scheduling COVID-19 tests and answering questions, but also takes complaints from callers about establishments they feel are not complying with Governor’s directives for COVID-19. These calls include anything from establishments that seem too crowded, not enforcing face coverings, not cleaning or disinfecting appropriately, allowing employees to come into work sick, etc. All complaints for establishments in the quad counties are documented.

Information collected from the caller includes:

- Caller name and phone number (if not anonymous)
- Establishment name
- Establishment address and county
- Date of caller’s visit to the establishment
- Complaint details

If the complaint fits the criteria for an OSHA investigation (hazard to employees by non-compliance in the workplace by employees or by the public), then the Call Center sends the complaint to the State OSHA Office. If the complaint involves any healthcare or medical facility, the complaint is also submitted to the Nevada Bureau for Healthcare Quality and Compliance.

There have not been any Lyon County complaints filed for the month of October.

Quad-County Healthcare Coalition involvement in Lyon County:

The Quad-County Healthcare Coalition is made up of various healthcare and healthcare-related agencies, including:

- Hospitals
- Long-term care facilities
- Skilled nursing facilities
- Assisted living facilities
- Home healthcare and hospice
- Dialysis centers
- Behavioral health
- Private providers
- Community health clinics
- EMS
- Emergency management
- Public health

The purpose of the coalition is to:

- Build relationships and break down silos between agencies that represent the healthcare system in Carson City, Douglas, Lyon and Storey Counties.
- Address issues that impact the community's ability to access quality healthcare services.
- Collaborate and coordinate the efforts of healthcare facilities and community stakeholders to mitigate against, prepare for, respond to, and recover from hazards impacting the Quad-County region's healthcare community and patients.
- Share information, best practices, and lessons learned between healthcare organizations, as well as healthcare system partners.
- Assist healthcare partners with meeting CMS preparedness rule requirements.

All appropriate agencies in Lyon County have been invited to participate in the Quad-County Healthcare Coalition. At this point in time, Lyon County agencies that participate in the Coalition:

- Banner Health Center in Fernley
- Division of Public and Behavioral Health (DPBH) Community Health Services (which include Dayton, Yerington, and Fernley Community Health Clinics)
- Lyon County Emergency Management
- Mason Valley Fire Protection District
- Mason Valley Residence
- Smith Valley Fire Protection District
- South Lyon Medical Center
- Yerington Paiute Tribal Clinic

Activities include attending Coalition meetings/calls, submitting weekly PPE burn rates (if applicable), and submitting weekly COVID-19 testing numbers (if applicable). There

are several agencies that may not be located in Lyon County but still serve Lyon County residents, such as home healthcare and hospice agencies and dialysis centers. In addition, Carson City Health and Human Services (CCHHS) and the Quad-County Healthcare Coalition have a good working relationship with the Lyon County School District, and representatives intermittently attend Coalition meetings/calls when possible.

Lyon County is deficient in two of the criteria.

- The average number of tests per day per 100,000 population > 200

Lyon County has not consistently been able to meet this criteria. There are a number of variables that create this weakness. Lyon County has a large percentage of its population that is 65 or older and a large percentage of the population that is at or below poverty level. Our geography and these factors creates a difficulty for this population base to be tested. CCHHS has conducted regular drive through testing within Lyon County and the State Community Health Nurses provide the testing. Encouraging people to be tested has been difficult partially due to transportation issues, hours of operation and public apathy.

The Yerington Paiute Tribe is testing its population but CCHHS does not receive their information and we are not aware of how the state counts those numbers in our testing numbers.

A large segment of our population is employed by other cities, counties, the state and the federal government. Many of them are tested as a condition of employment. CCHHS is not provided that information and we are unaware of how the state counts those tests.

Lyon County had a significant case load due to an out break of COVID – 19 at a assisted living facility, Mason Valley Residence, in Yerington. Since that outbreak a number of community members have tested positive in the weeks following.

- Case Rate (100,000) > 50 AND testing positivity > 8%

A large portion of our population commutes to Carson City, Washoe County and TRI for employment. This transient population comes into contact with a larger population base thus increasing the probability of encountering a COVID-19 positive person. We cannot address that issue.

We have seen increased compliance in business operations throughout Lyon County and support the State's enforcement efforts with OSHA and other regulatory agencies.

Since being notified of being monitored we have seen our rate hover above 8% We also believe that in the time period that required being monitored that a significant number of these cases were large family units that were testing positive.

Lyon County has cancelled all large gathering events that would normally be held on County property (Fair and Rodeo, Night in the Country, etc) and has worked with private organizations to cancel their large gathering events as well.

Lyon County does not have the authority, under NRS, to dictate to the tribes or cities to cancel or hold events. We have and will continue to work with these entities to establish and maintain compliance.

HOSPITAL CAPACITY

Lyon County has no significant changes to report from South Lyon Medical Center.

ACCESS TO PERSONAL PROTECTIVE EQUIPMENT

Lyon County has stored significant PPE for employee use. All employees are required to wear masks/face coverings while working with the public or in public areas. Customer counters have been retrofitted with Plexiglas screening throughout County offices. The County distributes PPE and sanitation equipment to those classifications that have the greatest risk of coming in contact with the public (First responders & administrative staff). Lyon County maintains an inventory on PPE and has had success with ordering and receiving supplies from Vendors.

First Response agencies and the cities have continued to monitor their respective usage and are ordering their own supplies. Lyon County has not received a requests from any first responder agency or city for PPE for several months.

Testing Capacity

Describe the status of your local testing efforts, including:

Description of your testing criteria.

Overview of the number of people tested in a day/week.

Carson City Health and Human Services (CCHHS) provides COVID-19 testing to residents of the Quad Counties. For residents showing symptoms, we ask that they call the COVID Hotline Monday through Friday, 8:30am-4:30pm to be scheduled for testing (775-283-4789). Residents without symptoms but still wanting a COVID test can also call the COVID Hotline for testing. At this time, all tests administered by CCHHS are offered at no cost.

Inquiries for testing are prioritized internally. Individuals experiencing symptoms are the top testing priority and are often scheduled the same day for a COVID-19 test at CCHHS. Afterwards, inquiries are then prioritized by exposure to confirmed positive (within 6 ft. of a known case for 15 minutes cumulative, within a 24-hour period) followed by household contacts.

Symptoms could range from mild symptoms to severe illness. Symptoms may appear **2-14 days after exposure to the virus**. People with the following symptoms will be prioritized for same day testing at CCHHS:

- Fever or chills
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

This list is not all inclusive and there could be more symptoms not listed here. Symptoms differ with severity of disease.

CCHHS Overview of people being tested and efforts:

The average number of tests administered at CCHHS from October 1-31, was 33.8/day. These data are based on the number of people calling the call center or being referred to the call center for testing. CCHHS works with the Lyon County Community Health Nurses to also test residents in Lyon County that would prefer to be tested at the CHN

sites in either Dayton, Fernley or Yerington. The CHN’s tested 77 people during the same time period.

Community Based Testing in the Quad County Region

In order to cast a wider net into the community, CCHHS offers Community Based Testing events which are rotated between the four counties and are held at 14-day intervals. During October, there were 15 events held within the Quad County region. Of these events, 4 were held in in Lyon County (see table below).

Date	Location	Total Number of Tests Administered	Total Number Lyon County Residents
October 8, 2020	Fernley High School	108	105
October 16, 2020	Dayton High School	91	56
October 22, 2020	Silver Springs Senior Center	45	42
October 26, 2020	Yerington Food Pantry	40	37
	TOTAL	284	240

CBT Response- October 13

In response to an outbreak at an Assisted Living Facility in Lyon County, CCHHS organized a strike team to do a Community Based Testing event in Yerington on October 13. This event was one of the largest drive-thru testing events we have organized in the region with a total of 128 residence of Lyon County receiving a COVID test.

Case Investigation and Contact Tracing

Overview of case investigation and contact tracing workforce

Upon receipt of a positive laboratory result through Nevada NBS, Nevada State fax notification, or hospital records, the lead epidemiologist collects and verifies contact information. The ordering facility is contacted to gather missing patient contact information. The laboratory results are sent to the disease investigation department. Contact tracers and disease investigators receive these results and attempt to contact the case through phone calls or text messages. When the patient is successfully contacted, the case’s positive results is reviews, and a full case investigation is conducted. The contact tracer or disease investigator then creates a case file, and sends the case their Quarantine Rights and Responsibilities, a legal documentation consent form generated by Carson City Health and Human Services. All cases identified as out of jurisdiction and out of state are sent to their residing jurisdiction health department. Facilities are responsible for notifying their patients of their COVID laboratory results. If patients test positive for COVID-19, it is the facility’s responsibility to inform the patient that they must quarantine, and their local health department will be in contact with

them. Carson City Health and Human Services prioritizes patients that have tested at their facility and any facility events when notifying patients of their positive results. Case reports are sent to the Quad-County Epidemiologist, Quad-County Statistician, Information Officer, and Quad-County Public Health Preparedness Manager. Table 1 shows the amount of contact tracers and disease investigators that are staffed during weekdays and weekends.

Table 1. Case Investigation / Contact Tracing Schedule

	Case Investigator and Contact Tracers				
	Sept. 27- Oct. 3	Oct. 4- Oct 10	Oct. 11- Oct. 17	Oct. 18- Oct. 24	Oct. 25-Oct. 31
Monday- Friday					
Supervisors	1	1	1	1	1
Contact tracers	4	4	4	5	5
Saturday- Sunday					
Supervisors	1	1	1	1	1
Contact tracers	2	3	3	4	4

Quad-County reported cases are monitored daily by the National Guard, contact tracers or volunteers. Data including the case’s signs and symptoms, medical history, location of isolation, hospitalization admissions and/or discharge information, and any household needs is collected and documented. Cases meeting the Center for Disease Control and Prevention (CDC) guidelines are submitted to be reviewed by a contact tracer supervisor. If all CDC COVID-19 release from isolation criteria are met, the supervisor releases the case from isolation. Difficult cases are reviewed and released by the epidemiologist. Recovered cases are reported to Quad-County Epidemiologist, Quad-County Statistician, Information Officer, and Quad-County Public Health Preparedness Manager. Monitoring of cases from October 3, 2020 through November 1, 2020, was conducted by the National Guard each day of the week (Table 2). Upon completion of monitoring cases, National Guard members assist with case investigations.

Table 2. Case Monitoring Schedule

	Case Monitors				
	Sept. 27- Oct. 3	Oct. 4- Oct 10	Oct. 11- Oct. 17	Oct. 18- Oct. 24	Oct. 25-Oct. 31
Monday- Friday					
National Guard	2	2	2	2	2
Saturday- Sunday					
National	1	1	1	1	1

Guard					
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Direct contacts named by cases are documented and reported to Deloitte twice daily. It is Deloitte’s standard operational procedures to contact peopled named as direct contacts within 24 hours of receiving the report.

Carson City Health and Human Services has hired a Contact Tracing Supervisor who will be starting November 9, 2020. Carson City Health and Human Services hired three new disease investigators in October and one new disease investigator in November to help with the increase of cases experienced across the health jurisdiction.

Percent Positive Cases

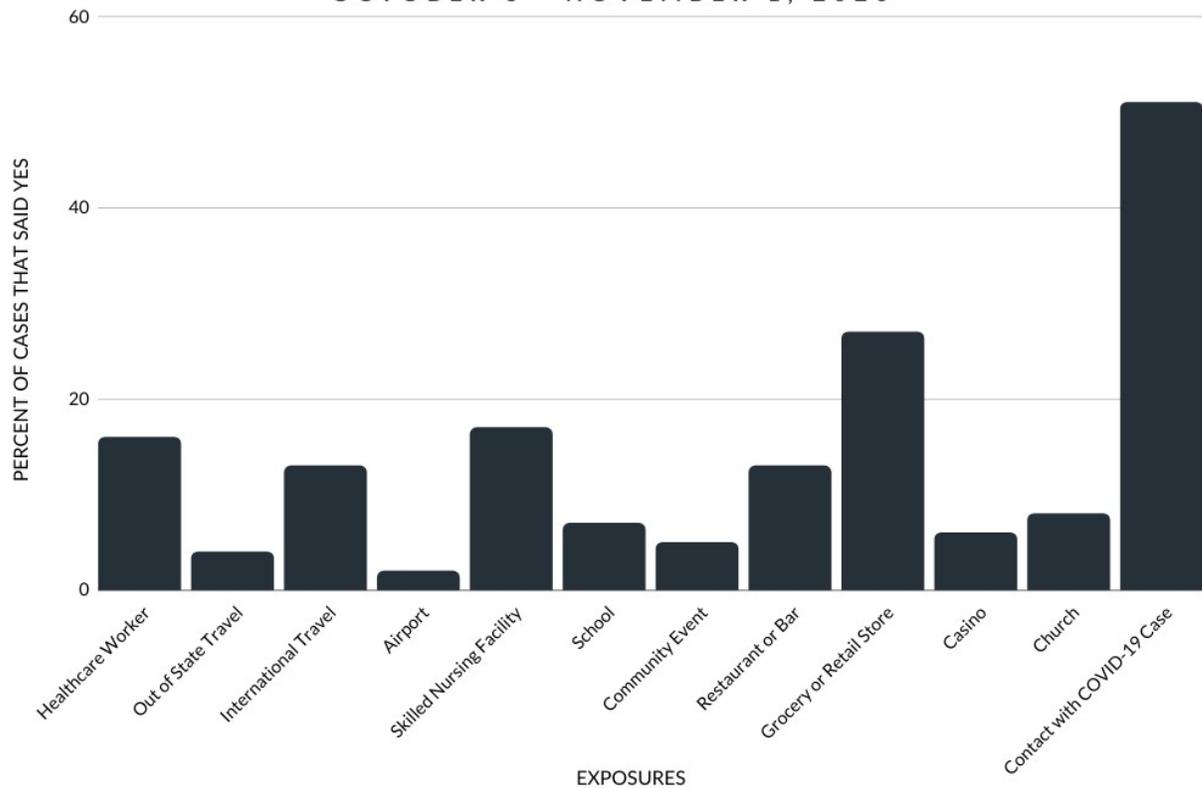
Upon receipt of a positive laboratory result, the disease investigator begins collecting and validating contact information. Many of the laboratory results arrive without the information necessary to begin the case investigation. When data is missing, the ordering facility is contacted for each case to gather this information, included by not limited to phone number and zip code. This often delays the investigation process by approximately one day. Once contact information is received and added, the laboratory result is sent to the contact tracing supervisors. Case investigation data from October 3, 2020 through November 1, 2020 was analyzed to determine the length of time between receiving the positive laboratory result and attempted contact of the case. During this period, 35% of cases were successfully contacted within 24 hours.

Overview of contact tracing findings suggesting high risk areas

Case investigation data from October 3, 2020 through November 1, 2020 was analyzed in order to identify common exposures among Lyon County residents that tested positive for Covid-19 (Graph 1). There were 179 laboratory confirmed COVID-19 cases in Lyon county during this period. Detailed exposure information was collected from each of these cases. All exposure questions are independent, meaning cases can answer “Yes” to each exposure category. The graph below shows the percentage of respondents that said “yes” to each of the exposure categories.

LYON COUNTY EXPOSURES

OCTOBER 3 - NOVEMBER 1, 2020



Graph 1: Common Exposures Among Covid-19 Cases in Lyon County from October 3 – November 1, 2020

The most common exposures were contact with a COVID-19 case (51%), visiting a grocery or retail store (27%), visiting or living in a skilled nursing facility (17%), and working in the healthcare industry (14%). There was an outbreak at a long-term care facility during this time accounting for more than thirty cases. Additionally, many community members have returned to in-person work. Fifty-nine percent of cases stated they attended work while symptomatic, potentially leading to worksite spread. School transmission has remained relatively low, though there has been a slight increase since October 18, 2020. Carson City Health and Human Services reports all school related cases to the Lyon County School District to help elicit close contacts, determine whether or not the case was present at school while infectious, and to help mitigate further spread.

PROTECTION OF VULNERABLE POPULATIONS

OVERVIEW OF INTERVENTION IN SKILLED NURSING FACILITIES

Lyon County has limited authority over private facilities. Lyon County has the ability to suspend or revoke a business license or conditional use permit for those facilities in unincorporated Lyon County. The majority of these facilities are within the jurisdiction

of Fernley or Yerington. Lyon County has not observed or been made aware of non-compliance at any of these facilities.

OVERVIEW OF EFFORTS AND INTERVENTIONS IN CORRECTIONAL FACILITIES

Lyon County Sheriff's Office Detention Facility Covid 19 procedures:

- Individuals are brought into the facility from a number of different agencies besides our own department. Mask are available for all incoming individuals, staff, outside Law Enforcement and inmates.
- During intake the arriving individuals temperature is taken by either detention staff or contracted medical personnel. If an elevated temperature is recorded they are placed in a separate holding cell to be further evaluated by contracted medical personnel. If there is not an elevated temperature the arrestee is move forward in the booking process. Once the temperature check has been completed our contracted medical staff completes the Covid 19 screening questionnaire along with our standard medical screening questions. Depending on the answers received the arrestee will either be moved forward in the booking process or referred out for additional medical.
- If an individual is positive Covid 19 from our presumptive screening they will be taken to the local hospital for further evaluation.
- Inmates who are cleared for booking, show no signs or symptoms and do not have a history are typically housed in a temporary holding cell for as long as possible before they are completely booked and moved to general housing. This is the period of time they can be directly observed by staff.
- Holding areas and all cells in general housing are cleaned a minimum of at least once a day.
- Hand sanitizer and masks are made readily available to all staff.
- Employees have been directed to stay home if they develop any signs or symptoms of being ill. They have also been directed to work very closely with Lyon County Human Resources if any Covid 19 concerns come up.

To date we have not had any confirmed cases inside the detention facility either with staff or inmates.

OVERVIEW OF EFFORTS AND INTERVENTIONS IN HIGH-RISK COMMUNITIES:

Lyon County has a significant over 65 population, youth population, Hispanic population and Native American population. Lyon County has received no communication from the tribe since the State's Declaration of Emergency. The County is communicating and working with the agricultural producers to ensure communication and compliance and the County has been notified that this community has provided the Nevada Department of Agriculture with their COVID-19 Plans. Lyon County Human Services has been diligent in communicating with the senior population, providing drive up meals and ensuring they understand the issues surrounding COVID-19. Lyon County has reviewed and supported the Boys and Girls Club of Mason Valley (Services provided to Yerington, Silver Springs and Dayton and the Lyon County School District with their planning and compliance efforts.

ENFORCEMENT

LYON COUNTY

County Agencies engaged in enforcement:

Lyon County Community Development-Code Enforcement
Lyon County Sheriff's Office
Lyon County Board of Health

Observations and compliance rates

Lyon County has not assigned staff to observe the public, businesses or places of worship. Lyon County has eight separate communities and covers 2100 square miles. It is difficult for a single code enforcement officer to conduct observation and address compliance. Complaints about businesses and industries not complying are forwarded to Nevada OSHA

Lyon County staff have reported that social distancing and wearing of face coverings appears to be being followed in businesses. Many staff members have provide reports of businesses getting after customers not wearing masks.

During the period in question Lyon County has taken no enforcement action. Since March Lyon County had notified 4 businesses of compliance issues and advised that business licenses could be suspended or revoked. Those businesses have complied.

Lyon County and the two cities continue to cooperate and collaborate with Nevada OSHA, Chambers of Commerce, NGO's and businesses to inform and educate the public on compliance.

Lyon County has utilized social media to continue compliance information sharing. The concern that Lyon County has is that of private gatherings in homes and private properties. Residents are becoming COVID complacent. Lyon County has experienced 13

deaths since March. The public at large does not see the death rate or the positivity rate as a significant factor to change behavior. The public is struggling to work and educate their youth and are frustrated with the many restrictions on their lives.

COUNTY ACTION PLAN

COMMUNITY EDUCATION

The Carson City Health and Human Services Public Information Officer (PIO) is responsible for creating community education materials, monitoring social media, and ensuring messaging aligns with the Governor's directives and the needs of the community. Through social media analytics and reports, the PIO can determine how the community is responding to various topics, what questions they have, and what misinformation needs to be addressed. Using this information, the PIO develops messaging plans and content to educate the community. To ensure a cohesive, unified message between CCHHS and the state, the PIO participates in weekly Statewide PIO phone calls. These calls allow PIO partners across the state to share pertinent information, their messaging plans for the week, and any messaging or support needed by the state. Collaborating and sharing information with state partners ensures that the messaging aligns across the state and with the Governor's Directives.

Previously, CCHHS has focused on educating the community on contact tracing. Social media messaging and content was created to teach community members about what contact tracing is, what it involves, why it is done, and how it can slow the spread of infectious diseases such as COVID-19. The main aim of the contact tracing educational campaign was to encourage the community members to answer the call and follow the directions provided by the health authority. This would ultimately reduce the number of contacts lost to follow up. Other CCHHS community education highlighted cloth face coverings; how to wear them, how to create your own, how to remove and clean them, and how cloth face coverings work to slow the spread of COVID-19.

Currently, CCHHS is continuing to promote preventative actions such as wearing a cloth face covering, hand washing, covering coughs and sneezes, practicing social distancing, and staying home when sick. Based on exposure data, CCHHS will use community education to emphasize the importance of staying home when feeling to protect friends, family, coworkers, and communities. As the holidays approach, CCHHS will also provide community education related to the holidays, family gatherings, and actions that should be taken to prevent the spread of COVID-19 during these times.

COLLABORATION WITH LOCAL GOVERNMENTS

Lyon County will continue to work with our cities, special districts and tribes to ensure a strong public outreach, testing information and compliance processes for businesses and events.

COLLABORATION WITH STATE REGULATORS

Lyon County will continue to support state regulatory agencies (OSHA, NDEP, Health, etc.) with compliance efforts throughout the County.

INTERAL OPERATIONS

Lyon County has and will continue to enforce the directives within the County organization to ensure the wellbeing of our employees and the public that they serve.

ENFORCEMENT

Lyon County has authority over business licenses, conditional use permits and uses of county property. Lyon County will continue to monitor violations of directives and if necessary follow due process to restrict these authorities if necessary.

RESOURCES

Lyon County has and will continue to address PPE and other applicable resource requests following the protocol established by NDEM and CCHHS. Currently we are not asking for any resources or assistance from the State of Nevada or the federal government.

LARGE GATHERINGS

All large gatherings have been cancelled that occur on County Property. Private large gathering plans are submitted to County Emergency Management and then to Nevada Regulators and Public Health Officer for review.

CONCLUSION

Lyon County saw a large outbreak in October. We have also seen a number of families or co-residents test positive. Lyon County has seen a large number of people utilizing the four state parks in our County with large groups of people gathered together. There a number of reasons for our low 30 day testing and 10.4% positivity but the end result is it is difficult for government to dictate and enforce compliance on individuals and families. COVID Complacency is a very real issue in these times of information overload and misinformation

We are willing to do what is necessary to reduce the impacts of COVID and are open to any suggestions the Task Force may have.