4.0 County-Wide Assessment Results

4.1 COUNTY-WIDE RISK AND HAZARD ASSESSMENT OVERVIEW

The Project Team evaluated sixteen communities the from 2022 to 2023. Inventory and analyses of community design aspects (roads, signage, utility infrastructure), defensible space conditions, construction materials, architectural features, wildland-urban interface characteristics, fuel types, and fuel hazards resulted in an overall hazard rating for each community. The overall risk and hazard conditions for each community are summarized individually in this report.

4.1.1 Wildfire Protection Resources

The Bureau of Land Management and USFS administers the largest land base in Clark County. As such, The BLM and USFS generally manages the wildland-urban interface areas, responds to wildland fires, and is responsible for reducing fuel hazards adjacent to communities. Initial attack on wildfires in Clark County is provided by local volunteer fire departments. The BLM and USFS have cooperative agreements with each volunteer fire department in Clark County and has entered into a Memorandum of Understanding.

4.1.2 Wildfire Suppression Resources

RURAL APPARATUS ASSIGNMENTS

Revised 5/2023

Call #	ID#	YR	Make/Model	Tank Capacity	Pump Capacity	Type	Seats	License Plate	VIN. Number	STA. BAYS
Trout Canyon- 70										
S 70	10465	1995	Ford/F-350 4WD	250 Gallons	250 GPM	6	2	EX30251	2FDKF38F5SCA40891	N/A
WT	11121	2001	International	4000 Gallons	250 GPM	S1	2	EX57889	1HTSHAAT9VH493544	
E-70	10603	1996	International 4WD	1200 Gallons	1000 GPM	S3	2	EX30990	1HTSEAAR8TH215969	
Bunkerville- 71										
R 71	11210	1997	Ford/E-350 Wheeled Coach	N/A	N/A	III	2	EX33231	1FDKE30F8VHB79246	4
S 71	17206	2017	Ford/F-550 4WD	250 Gallons	250 GPM	6	2	EX74771	1FDUF5HT1HEE85982	
E71	17302	2018	Spartan	1000 Gallons	1500 GPM	1	2	EX76292	4S9BCETA5KC419356	
Searchlight- 75										
R 75	15793	2012	Ford/E-350 4WD	N/A	N/A	III	2	EX64490	1FDWE3FS8CDA7976	4
S 75	17077	2017	Ford/F-550 4WD	250 Gallons	250 GPM	6	2	EX72272	1FDUF5HTXHEE85981	
E 75	11940	2000	International 4WD	1200 Gallons	1250 GPM	2	3	EX57951	1HTSEADR41H343974	
WT	14647	2006	International	3,000 Gallons	500 GPM	S2	2	EX57007	1HTWGAZT77J471739	
Sandy Valley- 77										
E 77	16558	2016	Freightliner	750 Gallons	1250 GPM	2	2	EX69266	3ALDCYCY5HDJB1851	4
R 77	16061	2014	Ford/E-350 4WD	N/A	N/A	III	2	EX66399	1FDWE3FS5EDB21009	
WT77	3692	1990	International	4000 Gallons	250 GPM	S1	3	EX43998	1HTSHTVR5LH275561	
S 77	17207	2017	Ford F-550 4WD	250 Gallons	250 GPM	6	2	EX74772	1FDUF5HT3HEE85983	
Goodsprings- 78										
WT78	13242	2003	Freightliner	1800 Gallons	500 GPM	S3	2	EX46790	1FVACYCS23HM06878	
E78	10329	1994	Freightliner	750	1250	3	2			
S 78	13037	2003	Ford/F-550 4WD	250 Gallons	250 GPM	6	2	EX45390	1FDAF57P73EC28597	
Mt. Springs- 79										
S 79	16172	2015	Ford/F-550 4WD	250 Gallons	250 GPM	6	4	EX67274	1FD0W5HT3FEB64814	2
E 79	11753	2000	E-One 4WD	1000 Gallons	1250 GPM	2	2	EX36941	1HTSEADR7YH203895	

RURAL APPARATUS ASSIGNMENTS

Revised 5/2023

Call #	ID#	YR	Make/Model	Tank Capacity	Pump Capacity	Type	Seats	License Plate	VIN. Number	STA. BAYS
Blue Diamond- 80										
S 80	10919	1996	Chevy/Cheyenne	250 Gallons	250 GPM	6	3	EX32029	1GBJK34J0TE232225	3
E 80	10575	1995	Ford 4WD	750 Gallons	1250 GPM	2	2	EX17074	1FDYF80E0SVA26997	
WT	18295	2021	Alexis	2000 Gallons	1500 GPM	T1	2	EX81125	3ALACYFE5MDMT4283	
Cold Creek- 82										
CART	17857	2019	John Deere Gator	70 Gallons	20 GPM	N/A	4	N/A		2
SQ82	14267	2007	Ford/F-350 4WD	250 Gallons	250 GPM	6	2	EX53790	1FDWF37R98EA18621	N/A
E 82	10126	1993	International 4WD	1000 Gallons	1000 GPM	2	2	EX28117	1HTSEPCR5PH509772	
Pump 82	4438	1980	Mobile Pump Trailer	N/A	500 GPM	N/A	N/A	EX16875	33180	
Indian Springs- 83										
R 83	12362	2003	Freightliner Rescue	N/A	N/A	I	2	EX43303	1FVABPBW73HK88697	4
S 83	17078	2017	Ford F-550 4WD	250 Gallons	250 GPM	6	2	EX72273	1FDUF5HT5HEE85984	
E 83	14224	2006	Pierce (CBRNE)	500 Gallons	1500 GPM	1	4	EX53736	4P1CU01S07A006930	
WT83	18270	2021	Alexis	3000 Gallons	1500 GPM	S3	2	EX81192	3HLHCYFE9MT4284	
Cal Nev-Ari- 84										
R84	14943	2009	Freightliner Rescue	N/A	N/A	N/A	2	EX57624	1FVACWDJ79HAG505	4
S84	13241	2003	Ford/F-550 4WD	400 Gallons	250 GPM	6	2	46789	1FDAF57P13EC28594	
E84	11973	2000	Pierce Quantum	500 Gallons	1500 GPM	1	4	EX57192	4PICT02SX1A001078	
Training Center-88										
UTV8	17724	2019	John Deere Gator	70 Gallons	60 GPM	utv	4	n/a		
Trailer	17780		Big Tex	N/A						
U88	15902	2009	Ford/F-350	N/A	N/A	UTIL	4			
OUT OF SERVICE APPRATUS										
Incident Management Team										
Truck	18045	2020	Ford F350				5	EX78738		
Traile	18075	2014	Look Enclosed Trailer					EX80517	53BLTEA23EF007368	

4.1.2 Detection and Communication

Fires are reported in Clark County through 911 calls to the Clark County Sheriff's Office. The Clark County Sheriff's Office Emergency Dispatch in Las Vegas notifies the local Volunteer Fire Departments and the Southern Nevada Interagency Dispatch Center of the fire. The Clark County Sheriff's Office has access to state mutual aid frequencies, and the radio system is compatible with neighboring agencies. Fires are communicated to the BLM Southern Nevada District Field Office and the US Forest Service Humboldt Toiyabe Las Vegas District through the Southern Nevada Interagency Dispatch Center.

The BLM Southern Nevada Field Office and USFS have cooperative agreements and annual operating plans with all Clark County Fire Departments that outline how the BLM will conduct fire suppression activities.

4.1.3 Community Preparedness

Clark County has adopted an emergency plan that includes a hazardous materials response plan. The County also has an all-risk disaster response plan that is updated annually. The plan is routinely updated to reflect the inherent disasters related to wildfire, and especially those mentioned in the worst case wildfire scenario mentioned listed for each community.

5.0 Community Specific Reports

(All listed reports are included in Appendix D)

- Cold Creek
- Kyle Canyon
- Lee Canyon
- Mountain Springs
- Nelson
- Torino
- Trout Canyon
- Indian Springs
- Goodsprings
- Sandy Valley
- Searchlight
- Blue Diamond
- Bunkerville
- Calnevari
- Palm Garden Estates
- Moapa

5.1 Recommended Actions Throughout the Plan Area

This CWPP Update promotes community involvement and collaboration by identifying opportunities that strengthen communication and support between agencies and the public that will help create Fire Adapted Communities that can withstand an inevitable wildfire and minimize the potential for catastrophic loss of life or property The following recommendations apply to all Community Wildfire Protection areas in this CWPP and build upon common conditions and needs. The fundamental approach foreseen to foster formation of recommended partnerships is through Fire Ada[ted Nevada and communities composed of diverse private landowners, federal, state, local fire agency personnel and other interested parties. Strong partnerships will also facilitate implementation of Senate Bill 329 pertaining to requirements for electric utilities to develop and submit natural disaster protection plans.

- Develop strong support from the Clark County Fire Board to promote adoption of a comprehensive *International Wildland Urban Interface Code*, consistent with Nevada State Law.
- Expand community outreach and education on the importance of the *Living with Fire* recommendations through annual events in Fire Adapted Nevada and other community events, and through social media. Formally adopt recommendations consistent with the *Living with Fire* model and the *International Wildland Urban Interface Code* as the minimum standard for desired conditions for defensible/survivable space on developed parcels in Community Wildfire Protection Zones.
- Coordinate with federal land managers to educate residents and visitors through signage, social media, and public service announcements on the dangers of recreational target shooting during high fire hazard days.
- Collaborate with homeowner associations and neighborhood groups to plan and construct fuels reduction treatments in and around their respective developments. Particular attention should be paid to brush pile, ornamental junipers, wood pile, and overgrown landscaping.
- Conduct education and outreach to residents regarding evacuation plans consistent with the Clark County Emergency Operations Plan. Prioritize fuel reduction treatment locations on Nonfederal land to compliment adjacent treatments on Federal and Tribal lands (USFS, BLM, and BIA) and develop holistic landscape scale fuels management goals.
- Identify areas within the District that are subject to a heightened threat of fire or other natural disaster
- Propose an approach for the mitigation of potential fires or other natural disasters that is cost effective, prudent, and reasonable.

5.2 PRIORITIES

5.2.1 Criteria for treatment prioritization

Projects may be prioritized through a variety of funding mechanism requirements recognizing that, at this time, no one funding source will provide enough resources to fully fund the entire CWPP Update. Treatment area prioritization will be developed within each Community Wildfire Protection Area by Fire Adapted Community Groups to meet their specific goals and objectives. Prioritization criteria may include:

- Cost effectiveness defined here as targeted fuel reduction treatments conducted at a reasonable cost that produces meaningful protection of life, property, and the environment.
- Ease of permitting and ease of treatment.
- Collaboration on multiple ownerships and jurisdictions.
- Potential to achieve landscape scale risk reduction.
-

5.3 District-wide priorities

The partners within Clark County Fire Department identified the following actions that are equal in order of importance.

- Expand public involvement with the Fire Adapted Nevada Communities. These
- groups allow land managers and other stakeholders to talk and work together, which tends to forge greater agreement on treatment objectives. Facilitate local groups to continue meeting and complete Fire Adapted Community Assessments.
- Support the efforts of landowners to reduce fuels on private land by implementing an aggressive fuels management program that includes survivable space enforcement, and fuels consultation with landowners
- Provide the framework of oversight, technical support, and administration for local groups who participate in planning and implementation of fuel reduction treatments.
- • Create and implement a regular maintenance schedule for fuel reduction treatments.
- Adopt priorities for submitting grant funding applications through Clark County Fire consistent with the stakeholder group and this CWPP.

Evacuation and Shelter

Evacuations are conducted by the LVMPD at the request of Unified Command during incidents that may threaten a community. These include wildfire, but are not limited to, and may also include flood, avalanche, earthquake, or other natural disasters. Evacuation should be conducted in order from most threatened to least in order to provide an orderly withdrawal from an area and relieve roadway congestion. Decision points will be established by Unified Command that prompt action due to imminent likely threats to communities. Messaging that follows the IAFC approved Ready, Set, Go! nomenclature will be used when homes have 12 hours or less time prior to fire arrival. Notification of evacuation will be conducted by the Clark County OEM emergency messaging app CodeRed and door to door by LVMPD. After resident contact by LVMPD an informational door hanger (attached) will be placed on the front door or nearby that describes the status of the residence (occupancy status and number). If the residents do not evacuate upon request a 5ft piece of yellow tape will be tied in an area visible from the street to mark homes that may need additional follow-up if the hazard increases.

The presence of residents in a home will not affect the home and its risk from fire. Firefighting crews will still triage homes by their ability to withstand fire effects from a passing fire front. Every home will be classified as either not threatened, threatened defensible, or threatened non defensible. Non defensible homes will be indicated with red flagging tape visible from the property line.

If possible, prior to evacuation of an area Unified Command will determine a shelter site for individuals. This will be facilitated by OEM, Red Cross and other supporting agencies. Sheltering, feeding, and reunification will be conducted according to the Clark County Office of Emergency Management EOP Basic Plan and ESF 6 Annex. This site will utilize a check in procedure to provide accountability for displaced residents from the area being evacuated.

EMERGENCY

Las Vegas Metropolitan Police Department

Hazard

- ☐ **Wildfire**
- ☐ **Flash Flood**
- ☐ **Severe Winter Storm**
- ☐ **Avalanche**
- ☐ **Other :** _____

Evacuation

LVMPD is requesting residents to evacuate their homes and leave the area due to an imminent threat to life. Choosing to stay could result in serious injury or loss of life. Staying may also impede the work of emergency personnel. This notification may be the only warning that people in the affected area will receive.

Upon evacuation you may not be allowed to return to your residence until the area has been deemed safe.

For additional information contact:

_____

Date / Time: _____

EVACUATION CHECKLIST

WHAT TO TAKE:

* Medications/Prescriptions
* Birth Cert, Marriage license, driver's license, tax papers, other legal documents
* Insurance Cards: health, car, home
* Pets: ID tags, medications, leashes, water bowl
* Purse or wallet
* Cash, checkbook, savings account info, credit cards, blank checks
* Prescription glasses
* Dentures
* Hearing Aids
* Change of clothing for each family member
* Infant supplies and toys
* Family photos
* Irreplaceable Items (heirlooms jewelry, original paintings, home videos)
* Cell phones and chargers
* Camera and extra batteries
* List of important personal phone numbers

BEFORE LEAVING:

* Follow any official agency's evacuation instructions
* Determine where separated members will meet
* Establish an evacuation plan, travel route, probable destination
* Prepare an "information note" to leave on the door detailing who you are, where you have gone, where flammables are ex: lawnmower gas, ammo, chemicals - move them all into one place
* Take still pictures of the inside and outside of your home and belongings as a backup
* Release or prepare to take any livestock in the area
* If time, take video of belongings talking about items as you move about
* Let others know if and when you leave and where you are going
* Leave one light on in each general area so firefighters can see your house in dark and smoke
* Prepare for removal of perishable items from freezer and fridge
* Turn off appliances, thermostats, fireplaces, stoves
* Park evacuation vehicle in the garage heading toward street and travel route
* Remove combustible items from around the outside of the house
* Fill evacuation vehicle gas tank
* Close or cover outside vents and shutters

Address/GPS: _____

_____

Result:

- ☐ No Answer
- ☐ Evac Location: _____
  Contact: _____
- ☐ Chose to stay (list household members on back)
  Contact: _____
- ☐ Other: _____

Result Cont:

Names of residents choosing to stay:

_____

_____

_____

_____

_____

_____

Officer/P#