***Hidden Valley CSD Hazard Identification Table***

| Hazard | Geographic Extent | | Probability of Future Occurrences | Magnitude/ Severity | Significance | Climate Change Influence |
| --- | --- | --- | --- | --- | --- | --- |
| Aquatic Biological Hazards: quagga mussel | Limited | | Occasional | Catastrophic | Medium | Low |
| Climate Change | Extensive | | Likely | Critical | Medium | – |
| Dam Failure | Extensive | | Unlikely | Catastrophic | High | Low |
| Drought and Water Shortage | Extensive | | Likely/Occasional |  | Medium | High |
| Earthquake | Extensive | | Highly Likely/  Occasional | Catastrophic | Medium | Low |
| Flood: 1%/0.2% Annual Chance | Significant | | Occasional/Unlikely | Critical | High | Medium |
| Flood: Localized/Stormwater | Extensive | | Highly Likely | Critical | High | Medium |
| Landslide and Debris Flows | Limited | | Occasional | Limited | Medium | Medium |
| Levee Failure | Significant | | Likely | Critical | High | Medium |
| Severe Weather: Extreme Cold and Freeze | Extensive | | Highly Likely | Limited | Medium | Medium |
| Severe Weather: Extreme Heat | Extensive | | Highly Likely | Limited | Medium | Medium |
| Severe Weather: Heavy Rains, Snow, and Storms | Extensive | | Highly Likely | Critical | Medium | Medium |
| Severe Weather: High Winds | Extensive | | Highly Likely | Limited | Medium | Medium |
| Wildfire | Extensive | | Highly Likely | Catastrophic | High | High |
| **Geographic Extent**  Limited: Less than 10% of planning area  Significant: 10-50% of planning area  Extensive: 50-100% of planning area  **Probability of Future Occurrences**  Highly Likely: Near 100% chance of occurrence in next year, or happens every year.  Likely: Between 10 and 100% chance of occurrence in next year, or has a recurrence interval of 10 years or less.  Occasional: Between 1 and 10% chance of occurrence in the next year, or has a recurrence interval of 11 to 100 years.  Unlikely: Less than 1% chance of occurrence in next 100 years, or has a recurrence interval of greater than every 100 years. | | **Magnitude/Severity**  Catastrophic—More than 50 percent of property severely damaged; shutdown of facilities for more than 30 days; and/or multiple deaths  Critical—25-50 percent of property severely damaged; shutdown of facilities for at least two weeks; and/or injuries and/or illnesses result in permanent disability  Limited—10-25 percent of property severely damaged; shutdown of facilities for more than a week; and/or injuries/illnesses treatable do not result in permanent disability  Negligible—Less than 10 percent of property severely damaged, shutdown of facilities and services for less than 24 hours; and/or injuries/illnesses treatable with first aid  **Significance**  Low: minimal potential impact  Medium: moderate potential impact  High: widespread potential impact  **Climate Change Impact:**  Low: Climate change is not likely to increase the probability of this hazard.  Medium: Climate change is likely to increase the probability of this hazard.  High: Climate change is very likely to increase the probability of this hazard. | | | | |