

ABBREVIATIONS AND ACRONYMS

AADT	annual average daily traffic
ACEC	Area of Critical Environmental Concern
ACHP	President's Advisory Council on Historic Preservation
AFY	acre-feet per year
AIRFA	American Indian Religious Freedom Act
AML	appropriate management level
amsl	above mean sea level
ANFO	ammonium nitrate and fuel oil
Applicant	Lincoln County Water District
APE	Area of Potential Effect
APLIC	Avian Power Line Interaction Committee
ARPA	Archaeological Resources Protection Act
ATR	Automatic Traffic Reader
AUM	animal unit month
BARCASS	Basin and Range Carbonate Aquifer System Study
bgs	below ground surface
BLM	U.S. Bureau of Land Management
BMPs	best management practices
CEDS	Comprehensive Economic Development Strategy
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
cfs	cubic feet per second
°C/km	degrees Celsius per kilometer
CO ₂	carbon dioxide
CO	carbon monoxide
Corps	U.S. Army Corps of Engineers
CTX	consolidated tax
dB	decibel
dBA	A-weighted decibels
DOD	Department of Defense
DOT	Department of Transportation
DRI	Desert Research Institute
EIS	environmental impact statement
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
ET	evapotranspiration
°F	degrees Fahrenheit
FEIS	Final Environmental Impact Statement
FLPMA	Federal Land Policy and Management Act
GID	General Improvement District
gpd/ft	gallons per day per foot
gpm	gallons per minute
GLO	General Land Office
HCP	Habitat Conservation Plan

HMA	Herd Management Area
HPTP	Historic Properties Treatment Plan
I-15	Interstate 15
ID	interdisciplinary
IPCC	Intergovernmental Panel on Climate Change
KOP	Key Observation Point
kV	kilovolt
LCCRDA	Lincoln County Conservation, Recreation, and Development Act of 2004
LCLA	Lincoln County Land Act
LCPD	Lincoln County Power District
LCT	Lincoln County Telephone Company
LCWD	Lincoln County Water District
L_{dnmr}	Onset Rate Adjusted Monthly Day-Night Average Sound Levels
Ma	million years ago
MBTA	Migratory Bird Treaty Act
MFP	management framework plan
mg/L	milligrams per liter
mi^2	square miles
micromho/cm	micromhos per centimeter
MSA	Metropolitan Statistical Area
MW	Monitoring Well
NAC	Nevada Administrative Code
NBMG	Nevada Bureau of Mines and Geology
NDEP	Nevada Division of Environmental Protection
NDOT	Nevada Department of Transportation
NDOW	Nevada Department of Wildlife
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NNHP	Nevada Natural Heritage Program
NO_x	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
NRA	National Recreation Area
NRCS	National Resource Conservation Service
NRHP	National Register of Historic Places
NRS	Nevada Revised Statutes
NSE	Nevada State Engineer
NTS	Nevada Test Site
NWR	National Wildlife Refuge
O_3	ozone
OEDP	Overall Economic Development Plan
OHV	off-highway vehicle
PA	Programmatic Agreement
Pb	lead
$PM_{2.5}$	particulate matter with mean aerometric diameter smaller than 2.5 microns
PM_{10}	particulate matter with mean aerometric diameter smaller than 10 microns

pmc	percent modern carbon
POD	Plan of Development
RMP	Resource Management Plan
ROD	Record of Decision
ROI	Region of Influence
ROW	right-of-way
RV	recreational vehicle
SCCRT	Supplemental City/County Relief Tax
SHPO	State Historic Preservation Office
SO ₂	sulfur dioxide
SR	State Route
SPCC	Spill Prevention Containment and Countermeasure
SWPPP	Storm Water Pollution Prevention Plan
TCP	Traditional Cultural Property or Place
TDS	total dissolved solids
TMDL	Total Maximum Daily Loads
ug/L	micrograms per liter
ug/m ³	micrograms per cubic meter
UPRR	Union Pacific Railroad
USC	United States Code
uS/cm	microSeimens per centimeter
USDA	U.S. Department of Agriculture
USDOT	U.S. Department of Transportation
USFWS	U.S. Fish and Wildlife Service
USGS	United States Geological Survey
Vidler	Vidler Water Company, LLC
VOC	vaolatile organic compound
VRM	Visual Resource Management
WMA	Wildlife Management Area
WRCC	Western Regional Climate Center

GLOSSARY

Access (road)	Road used for passage to project sites and along utility corridors for purposes of construction, operation, and maintenance.
Acre-foot	The volume of water required to cover one acre to a depth of one foot: 43,560 cubic feet, 325,851 U.S. gallons, or 1,233 cubic meters.
Advisory Council on Historic Preservation	A 19-member body appointed to advise the President and Congress in the coordination of actions by federal agencies on matters relating to historic preservation.
Aeolian	Of or caused by the wind; wind-blown.
Aesthetic quality	Referring to the perception of beauty of a natural or cultural landscape.
Affected environment	Existing biological, physical, social, and economic conditions of an area subject to change, both directly and indirectly, as the result of a proposed human action.
Air quality	Measure of the health-related and visual characteristics of the air, often derived from quantitative measurements of the concentrations of specific injurious or contaminating substances.
Air quality classes	Classifications established under the Prevention of Significant Deterioration portion of the Clean Air Act that limit the amount of air pollution considered significant within an area. Class I applies to areas where almost any change in air quality would be significant; Class II applies to areas where the deterioration normally accompanying moderate well-controlled growth would be permitted; and Class III applies to areas where industrial deterioration would generally be allowed.
Air Quality Standards	The level of pollutants prescribed by regulation that may not be exceeded during a specified time in a defined area.
Alkaline	Having a pH value greater than 7.
Alluvial fan	Cone-shaped deposits of alluvium made by a stream. Fans generally form where streams emerge from mountains onto the lowland.
Alluvial, alluvium	Relating to material deposited by running water, such as clay, silt, sand, and gravel. Sedimentary material transported and deposited by the action of flowing water.
Alluvium	A geologic term describing beds of sand, gravel, silt, and clay deposited by flowing water.
Alternative (action)	An option for meeting the stated purpose and need.
Ambient	The surrounding natural conditions (or environment) in a given place and time.

Animal Unit Month (AUM)	The amount of forage necessary for the sustenance of one cow or its equivalent (one cow, bull, steer, heifer, horse, burro, mule, five sheep, or five goats over the age of 6 months at the time of entering the public lands or other lands administered by BLM) for a period of 1 month.
Applicant	Lincoln County Water District
Aquatic	Growing or living in or near the water.
Aquifer	A water bearing formation that provides a ground water reservoir; a formation, a group of formations, or part of a formation that contains sufficient permeable material capable of yielding significant quantities of water to wells and springs.
Archaeology	The scientific study of the life and culture of ancient peoples, as by excavation of ancient cities, relics, or artifacts.
Area of Critical Environmental Concern	A BLM designation for an area within public lands where special management attention is required to protect and prevent irreparable damage to important historic, cultural, or scenic values; fish and wildlife resources, or other natural systems or processes; or to protect life from natural hazards.
Artifact	Any object showing human workmanship or modification, especially from a prehistoric or historic culture.
Artifact Scatters (Historic)	Historic artifact scatters are a common type of site and include individual artifacts that may or may not include features. Artifacts include a variety of glass, ceramics, porcelain, and metal fragments.
Artifact Scatters (Prehistoric)	Artifact scatters commonly include chipped and ground stone debitage and possibly ceramics. Artifact scatters are the most common prehistoric sites. These sites are invaluable for data on interpreting subsistence strategies, settlement patterns, trade, and chronology.
Assessment (environmental)	An evaluation of existing resources and potential impacts on them from a proposed act or change to the environment.
Basaltic	Composed of, containing, or characteristic of basalt (the dark, dense igneous rock of a lava flow or minor intrusion, composed essentially of labradorite and pyroxene and often displaying a columnar structure).
Basic	Of or relating to a base; Containing a base, especially in excess of acid; Alkaline.
Burials	Burials refers to human inhumations may occur away from habitation sites in isolated areas such as rocky outcrops, talus slopes, crevices, caves, and under ledges.
Calcareous	Composed of, containing, or characteristic of calcium carbonate, calcium, or limestone; chalky.

Caldera	Volcanic feature formed by the collapse of land following a volcanic eruption.
Caliche Cave	Small cave, generally used by desert tortoise and other small reptiles and mammals, formed in calcium carbonate crust that forms on stony soils in arid regions.
Cambrian	The earliest geologic period in the Paleozoic Era, spanning the time of 570 to 500 million years ago, and marked by a profusion of marine animals.
Campsites (Prehistoric)	These sites represent a short-term occupation that may have occurred to procure food or raw material. Typically, these sites consist of chipped and ground stone debitage, and possibly ceramics. Fire pits or burned areas are common features associated with these sites.
Candidate species	A plant or animal species not yet officially listed as threatened or endangered, but which is undergoing status review by the USFWS.
Capture	Water withdrawn artificially from an aquifer is derived from a decrease in storage in the aquifer, a reduction in the previous discharge from the aquifer, an increase in the recharge, or a combination of these changes. The decrease in discharge plus the increase in recharge is termed capture.
Carbonate rock	Most carbonate rocks originate as sedimentary deposits in marine environments. Compaction, cementation, and dolomitization processes act on the deposits as they lithify and greatly change their porosity and permeability. The principal postdepositional change in carbonate rocks is the dissolution of part of the rock by circulating slightly acidic ground water. Solution openings in carbonate rocks range from small tubes and widened joints to caverns that may be tens of meters wide and hundreds to thousands of meters in length. Where they are saturated, carbonate rocks with well-connected networks of solution openings yield large amounts of water to wells that penetrate the openings (see carbonate aquifer), although the undissolved rock between the large openings may be almost impermeable.
Carbonate aquifer	Most carbonate-rock aquifers consist of limestone, but dolomite and marble locally yield water. The water-yielding properties of carbonate rocks vary widely; some yield almost no water and are considered to be confining units, whereas others are among the most productive aquifers known.
Clastic Rocks	Rocks formed by fragments of pre-existing rocks
Clay lens	A soil mantle consisting of a layer of clay of variable thickness.
Clean Water Act	Provides for pollution control activities and funding at the federal level including grant programs, research and related programs, as well as provisions for setting standards and enforcement actions.

Cone of Depression	A depression in the water table or potentiometric surface of a ground water body that is in the shape of an inverted cone and develops around a well which is being pumped. It defines the area of influence of the pumping well.
Cooperating agency	Any Federal agency other than a lead agency which has jurisdiction by law or special expertise with respect to any environmental impact involved in a proposal (or a reasonable alternative) for legislation or other major federal action significantly affecting the quality of the human environment. The selection and responsibilities of a cooperating agency are described in 40 CFR 1501.6. A State or local agency of similar qualifications or, when the effects are on a reservation, an Indian Tribe, may by agreement with the lead agency become a cooperating agency.
Council on Environmental Quality	An advisory council to the President established by Title II of the National Environmental Policy Act of 1969. It reviews federal programs for their effort on the environment studies, and advises the President on environmental matters.
Cryptobiotic	Of or related to the state of cryptobiosis (a state in which an animal's metabolic activities come to a reversible standstill).
Cubic feet per second	Unit of discharge, or volume rate of flow, equal to 0.0283 cubic meters per second. As a rate of streamflow, a cubic foot of water passing a referenced section in 1 second. A measure of a moving volume of water (1 cfs = 0.0283 m ³ /s).
Cultural resources	A broad, general term meaning any cultural property reflecting past human activity or use that has a definite location, and any traditional lifeway value important to a contemporary social and/or cultural group's traditional systems of religious belief, cultural practices, or social interaction.
Cumulative impact	The impact on the environment that results from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions—regardless of what agency (federal or non-federal) or person undertakes such other actions. Cumulative impacts can result from individually minor, but collectively significant, actions taking place over a period of time (40 CFR 1508.7).
Deuterium	Also called heavy hydrogen, is a stable (non radioactive) isotope of hydrogen with a natural abundance in the oceans of Earth of approximately one atom in 6500 of hydrogen. Measurements of small variations in the natural abundances of deuterium, along with those of the stable heavy oxygen isotopes ¹⁷ O and ¹⁸ O, are of importance in hydrology, to trace the origin of Earth's waters. The heavy isotopes of hydrogen and oxygen in rainwater are enriched as a function of the environmental temperature of the region in which the precipitation falls. Evaporative and other processes in water also alter the ratios of heavy hydrogen and oxygen isotopes in characteristic ways. For example,

	<p>precipitation falling in areas with lower temperatures or at higher latitudes will tend to have lower deuterium values. On the other hand, water from springs originating from deep regional aquifer systems would have different deuterium values due to different geographical origin as well as geochemical processes acting along its path.</p>
Direct effect	See effects.
Draft Environmental Impact Statement	A detailed written statement as required by Section 102(2)(c) of NEPA.
Drawdown	The vertical distance the free water elevation is lowered, or the reduction of the pressure head due the removal of free water.
Effects	(a) Direct effects, which are caused by the action and occur at the same time and place; (b) Indirect effects, which are caused by the action and are later in time or farther time or farther removed in distance, but are still reasonably foreseeable. Indirect effects may include growth inducing effects and other effects related to induced changes in the pattern of land use, population density or growth rate, and related effects on air and water and other natural systems, including ecosystems. Effects and impacts as used in [the CEQ] regulations are synonymous. Effects includes ecological (such as the effects on natural resources and on the components, structures, and functioning of affected ecosystems), aesthetic, historic, cultural, economic, social, or health, whether direct, indirect, or cumulative. Effects may also include those resulting from actions which may have both beneficial and detrimental effects, even if on balance the agency believes that the effect will be beneficial.
Endangered species	Any species in danger of extinction throughout all or a significant portion of its range.
Endemic	Plants or animals that are native to a particular region or country.
Environment	The surrounding conditions, influences or forces that affect or modify an organism or an ecological community and ultimately determine its form and survival.
Environmental Impact Statement	A formal public document prepared to analyze the impacts on the environment of the proposed project or action and released for comment and review. An EIS must meet the requirements of NEPA, CEQ guidelines, and directives of the agency responsible for the proposed project or action.
Environmental Impact Statement, Final	The final version of the public document required by NEPA.
Ephemeral	Present only during a portion of the year. Generally refers to water courses.
Ephemeral Stream	An ephemeral stream is one that remains dry during most of the year, flowing only during a few days or weeks in response to direct runoff.

Evapotranspiration (ET)	<p>Ephemeral streams do not intercept ground water flow and therefore, have no baseflow.</p> <p>The combined processes by which water is transferred from the earth's surface to the atmosphere; evaporation of liquid or solid water plus transpiration from plants.</p>
Fault	<p>A fracture or fracture zone in the earth's surface along which there has been displacement of the sides relative to one another.</p>
Fault Zone	<p>A fault that is expressed as a zone of numerous small fractures or of breccia or fault gouge. A fault zones may be hundreds of feet wide.</p>
Fauna	<p>The wildlife or animals of a specified region or time.</p>
Federal Land Policy and Management Act of 1976	<p>Public Law 94-579 signed by the President on October 21, 1976. Established public land policy for management lands administered by the Bureau of Land Management (BLM). FLPMA specifies several key directions for the BLM, notably: 1) management on the basis of multiple use and sustained yield; 2) land use plans prepared to guide management actions; 3) public lands for the protection, development, and enhancement of resources; 4) public lands retained in federal ownership; and 5) public participation used in reaching management decisions.</p>
Floodplain	<p>That flat portion of a river or stream valley adjacent to the river channel that is built of sediments and is inundated with water when the stream overflows its banks.</p>
Fossil	<p>The remains or traces of an organism or assemblage of organisms that have been preserved by natural processes in the earth's crust.</p>
Geologic formation	<p>A rock unit distinguished from adjacent deposits by some common physical characteristic, such as its composition, origin, color, or age.</p>
Geology	<p>The science that studies the earth. The materials, processes, environments, and history of the planet, especially the lithosphere, including the rocks and their formation and structure.</p>
Graben	
Ground Water	<p>1) That part of the subsurface water that is in the saturated zone; or 2) loosely, all subsurface water as distinct from surface water.</p>
Ground Water Flow	<p>Ground water flow takes place below the ground water table in the form of saturated flow through alluvial deposits and other water-bearing formations beneath the soil mantle.</p>
Gypsiferous	<p>Containing gypsum.</p>
Habitat	<p>The region where a plant or animal naturally grows or lives. A specific set of physical conditions that surround a single species, a group of species, or a large community. In wildlife management, the major components of habitat are considered to be food, water, cover, and home range.</p>

Hanging Wall Head	1) The pressure of a fluid on a given area, at a given point represented by the height of the fluid above the point; 2) the water-level elevation in a well, or elevation to which water of a flowing well rises in a pipe extended high enough to stop the flow.
Historic Roads and Trails	Historic trails/roads have been identified within Nevada. A few of the historic trails include the Old Spanish Trail/Mormon Road, which connected Santa Fe to Los Angeles.
Historic Property	A prehistoric, historic or traditional site, district, building, structure, or object that is listed in or eligible for the National Register of Historic Places (NRHP) under the Criteria for Eligibility (36 CFR 60.4)
Human environment	Interpreted comprehensively to include the natural and physical environment and the relationship of people with that environment. (See the definition of "effects" (1508.8).) This means that economic or social effects are not intended by themselves to require preparation of an environmental impact statement. When an environmental impact statement is prepared and economic or social and natural or physical environmental effects are interrelated, then the environmental impact statement will discuss all of these effects on the human environment.
Hydraulic Conductivity	For an isotropic porous medium and homogeneous fluid, the volume of water at the existing kinematic viscosity that moves in unit time under a unit hydraulic gradient through a unit area measured at right angles to the direction of flow.
Hydraulic Gradient	Slope of the water or potentiometric surface. The change in static head per unit of distance in a given direction. If not specified, the direction generally is understood to be that of the maximum rate of decrease in head.
Hydraulic Head	The height above a datum plane (such as sea level) of the column of water that can be supported by the hydraulic pressure at a given point in a ground water system. For a well, the hydraulic head is equal to the distance between the water level in the well and the datum plane. See Head.
Hydrology	The science that studies the properties, distribution, and circulation of natural surface water and ground water.
Impact	A modification in the status of the environment brought about by a proposed action.
Indirect effect	See effects.
Infrastructure	The basic installations and facilities on which the continuance and growth of a community depend (for example, roads, schools, sewers, power plants, transportation, and communication systems).
Isolate/Isolated Artifact	A single artifact, feature, or object not associated with other cultural resources. An isolate is not normally considered a property.

Isolated Occurrences / Small Concentrations (Prehistoric)	Isolated artifacts are common finds on the landscape. Isolated artifacts and small site concentrations may consist of projectile points, ground stone, flakes, and cores as well as pot busts or a small discrete cluster of chipped stone debitage.
Karst topography	A three-dimensional landscape shaped by the dissolution of a soluble layer or layers of bedrock, usually carbonate rock such as limestone or dolomite.
Kilovolt	1,000 volts (a volt is a measure of electrical potential difference that would cause a current of 1 ampere to flow through a conductor whose resistance is 1 ohm).
Kilowatt	A unit of power equivalent to 1,000 watts.
Lacustrine	Of or relating to lakes; Living or growing in or along the edges of lakes.
Landform	A term used to describe the many types of land surfaces that exist as a result of geologic activity and weathering (for example, plateaus, mountains, plains, and valleys).
Lead agency	The agency or agencies preparing or having taken primary, responsibility for preparing the environmental impact statement.
Lithic	Pertaining to stone or a stone tool (for example, lithic artifact).
Lithology	The appearance, structure, and composition of rocks as determined by study with the unaided eye or with little magnification.
Megawatt	1,000 kilowatts or 1 million watts (a watt is a unit of electrical power equal to 1/756th horsepower).
Mesa	An isolated, nearly level land mass, formed of nearly horizontal rocks, standing above the surrounding country and bounded with steep sides.
Migratory	Birds, animals, or people, that migrate or move from one region or country to another.
Mineral resource	Any inorganic or organic substance occurring naturally in the earth that has a consistent and distinctive set of physical properties. Examples of mineral resources include coal, nickel, gold, silver, and copper.
Mining	There are several components to a mine, from the early stages of prospecting and laying claims with rock cairns, shafts, and adits to the development of mining towns with grocery and merchandise stores, saloons, tailors, churches, meat markets, bakeries, barber shops, jails, blacksmiths, law offices, cemeteries, schools, and brothels.
Mississippian	A period of the Paleozoic Era, spanning in time from about 345 to 320 million years ago.

Mitigate	To alleviate, reduce, or render less intense or severe.
Mitigation	(a) Avoiding the impact altogether by not taking a certain action or parts of an action. (b) Minimizing impacts by limiting the degree or magnitude of the action and its implementation. (c) Rectifying the impact by repairing, rehabilitating, or restoring the affected environment. (d) Reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action. (e) Compensating for the impact by replacing or providing substitute resources or environments.
National Ambient Air Quality Standards	Air quality standards established by the Clean Air Act. The primary NAAQS are intended to protect the public health with an adequate margin of safety; the secondary NAAQS are intended to protect the public welfare from any known or anticipated adverse effects of a pollutant.
National Environmental Policy Act of 1969	Public Law 91-190. Establishes environmental policy for the nation. Among other items, NEPA requires federal agencies to consider environmental values in decision-making processes.
National Register Criteria	The National Register's standards for evaluating the significance of properties were developed to recognize the accomplishments of all peoples who have made a significant contribution to our country's history and heritage. The criteria are designed to guide State and local governments, Federal agencies, and others in evaluating potential entries in the National Register.
National Register of Historic Places	A listing of architectural, historical, archaeological, and cultural sites of local, state, or national significance, established by the Historic Preservation Act of 1966.
Native vegetation	Vegetation originating in a certain region or country.
Nonattainment area	An air quality control region (or portion thereof) in which the U.S. Environmental Protection Agency has determined that ambient air concentrations exceed national ambient air quality standards for one or more criteria pollutants.
Normal Fault 100-year flood	A flood with a magnitude that may occur once every 100 years on average. An area has a 1-in-100 chance of being inundated during any single year.
Orogeny	The process of mountain formation.
Ozone	A form of oxygen, O ₃ , produced especially when an electric spark is passed through oxygen or air.

Paleontology	The science that deals with the life of past geological ages through the study of the fossil remains of organisms.
Paleozoic	The geologic era between the Precambrian and Mesozoic eras covering the time between 550 million and 225 million years ago. The era was characterized by the development of the first fishes, amphibians, reptiles, and land plants.
Particulates	Minute, separate particles, such as dust or other air pollutants.
Pennsylvanian	A period of the Paleozoic Era, spanning from about 320 million to 280 million years ago.
Perennial	Lasting, or active through the whole year. May refer to rivers, streams, or plants.
Perennial Stream	A perennial stream is one that always has flow. During low-flow periods, the flow of perennial streams is baseflow.
Perennial Yield	The maximum quantity of water that can be withdrawn annually from a ground water supply under a given set of conditions without causing an undesirable result.
Permeability	The measure of the ease with which a fluid can diffuse through a particular porous material.
Permian	The seventh and last period of the Paleozoic Era, spanning from about 280 to 225 million years ago, characterized by increased reptile life and major mountain building in North America.
Petroglyph	A symbolic design or drawing of an animal or human pecked or carved into a rock or cliff face—generally prehistoric.
Physiographic Province	A large area characterized by distinctive topography, geologic structure, and other features and phenomena of nature.
Piezometer	A facility emplaced to measure and record ground water levels.
Plateau	An elevated tract of relatively level land, such as a tableland or large mesa.
Playa	The shallow central lake basin of a desert plain, in which water gathers after a rain and is evaporated.
Pleistocene	The first geologic epoch during the Quaternary period, spanning from 1.8 million years ago to approximately 10,000 years ago, characterized by extensive continental glaciation in the Northern Hemisphere.
Policy	A guiding principle upon which is based a specific decision or set of decisions.

Pore space	The open spaces or voids within a soil or rock. It is a measure of the amount of liquid or gas that may be absorbed or yielded by a particular formation.
Porosity	1) An index of the void characteristics of a soil or rock material; degree of perviousness. 2) The ratio usually expressed as a percentage of the volume of the interstices, whether isolated or connected, in a given quantity of material to the total volume of the material.
Potentiometric Surface	An imaginary surface representing the elevation and pressure head of ground water and defined by the level to which water rises in a well or piezometer. The water table is a particular potentiometric surface.
Precambrian	The earliest geologic era covering all time from the formation of the earth and ending at the Paleozoic Era, which began about 520 million years ago.
Primitive	An area that is not developed, a pristine natural area.
Quaternary	The geologic period following the Tertiary in the Cenozoic Era, beginning about 1.8 million years ago, composed of the Pleistocene and Holocene epochs, characterized by the evolution of Hominids into modern humans.
Range	A large, open area of land over which livestock can wander and graze.
Raptor	A bird of prey.
Rare	A plant or animal restricted in distribution. May be locally abundant in a limited area or few in number over a wide area.
Recharge	Replenishment of ground water by a downward infiltration of water from rainfall, streams, and other sources.
Recharge Area	The area that contributes water to an aquifer.
Reclamation	Returning disturbed lands to a form and productivity that will be ecologically balanced.
Region	A large tract of land generally recognized as having similar character types and physiographic types.
Revegetation	The reestablishment and development of self-sustaining plant cover. On disturbed sites, this normally requires human assistance such as reseeded.
Right-of-way	Strip of land acquired by legal means, over which the utility corridors and access roads would pass.
Rill erosion	Rill erosion refers to the erosion process on sloping fields in which numerous and random small channels are formed by water; occurs mainly on recently cultivated soils.

Roasting Pits	These sites are common within the Prehistoric and Ethnohistoric American Southwest. Roasting pits may be associated with large habitation sites or within close proximity of resource procurement areas.
Rock Alignments	These sites are rocks that have been intentionally placed in a circular, semi-circular, or linear alignment. The alignments may have been constructed as hunting blinds, walls, or possibly game drives.
Rock Art Site	Rock art sites are relatively common in the Great Basin, and they come in a variety of styles and substyles. Rock art styles vary from geomorphic, zoomorphic, to anthropomorphic designs. Rock art sites include petroglyphs and pictographs.
Rockshelters/Caves	Rockshelters/caves are an important component of the cultural resource assemblage in the southwest, including Nevada. Rockshelters/caves have been occupied during all time periods; some caves appear to have considerable antiquity. In general, most rockshelters / caves were typically used for short periods of time, possibly as temporary camping locations.
Sacred site	Any specific, discrete, narrowly delineated location on Federal land identified by an Indian Tribe, or Indian individual determined to be an appropriately authoritative representative of an Indian religion, as sacred by virtue of its established religious significance to, or ceremonial use by, an Indian religion; provided that the Tribe or appropriately authoritative representative has informed the agency of the existence of such a site.
Scenic quality class	The designation (A, B, or C) assigned a scenic quality rating unit to indicate the visual importance or quality of a unit relative to other units within the same physiographic province (BLM designation).
Scenic quality rating unit	A portion of the landscape that displays primarily homogeneous visual characteristics of the basic landscape features (landform, water, vegetation, and structures and modifications) that separate it from the surrounding landscape.
Scree	A steep mass of detritus on the side of a mountain; Loose rock debris covering a slope.
Sediment	Solid fragmental material, either mineral or organic, that is transported or deposited by air, water, gravity, or ice.
Seep	An area, generally small, where water, or other liquid such as oil, percolates slowly to the land surface. For water, it may be considered as a synonym of a seepage spring, but it is used by some for flows, too small to be considered a spring.
Seismicity	The relative frequency and distribution of earthquakes.
Semiarid	A climate or region characterized by little yearly rainfall and by the

	growth of a number of short grasses and shrubs.
Sensitive species	Species whose populations are small and widely dispersed or restricted to a few localities. Species that are listed or candidates for listing by the state or federal government.
Sensitivity	The state of being readily affected by the actions of external influence.
Sheet erosion	Sheet erosion refers to the removal of a relatively uniform thin layer of soil from the land surface by rainfall and surface runoff.
Siliceous	Containing, resembling, relating to, or consisting of silica.
Site	In archaeology, any locale showing evidence of human activity.
Socioeconomic	Of or involving both social and economic factors.
Soil mantle	A layer of soil with a greater hydrologic conductivity than the layer above.
Species	A group of individuals of common ancestry that closely resemble each other structurally and physiologically, and in nature interbreed to produce fertile offspring.
Spring	A place where ground water flows naturally from a rock or the soil onto the land surface or into a body of surface water.
Storage Sites	Storage sites are structures or caches that were constructed to store food and other items. These sites include aboveground storage structures constructed of masonry or adobe and belowground storage pits.
Strata	Plural of stratum, which is a layer of sedimentary rock that was originally deposited horizontally.
Study area	A given geographical area delineated for specific research.
Subspecies	Any natural subdivision of a species that exhibits small, but persistent morphological variations from other subdivisions of the same species living in different geographical regions or times.
Substrate	Sediment that lies beneath the surface of the earth.
Take	A prohibited action under federal law, except where authorized. To harass, harm, pursue, hunt, wound, kill, trap, capture, or collect a federally listed threatened or endangered species, or to attempt to do so. Take may include disturbance of the listed species, nest, or habitat, when disturbance is extensive enough to disrupt normal behavioral patterns for the species, although the affected individuals may not actually die.
Talus	A sloping mass of rocky fragments at the base of a cliff.
Telegraph and Telephone	These features are identified with the themes of communication,

Lines	development, and commerce and are often associated with ranching, mining, and development of towns.
Tertiary	The first period in the Cenozoic Era, spanning from 65 to 1.8 million years ago characterized by the development of mammals.
Theis Method	This analytical solution is a widely accepted method in hydrology for analyzing effect on an aquifer of groundwater withdrawal from a well. The Theis method calculates the expected drawdown assuming uniform radial flow in an confined aquifer of infinite extent.
Threatened species	Any species likely to become endangered within the foreseeable future throughout all or a significant part of its range.
Toolstone Sources and Quarries	These sites are areas that may contain toolstone material (e.g., obsidian, chert, basalt, and quartzite), discarded cores, blanks, or a dominance of decortication flakes. Hammerstones, hammerstone spalls, anvil stones, fire-cracked rock (heat treatment), flaked cobble scatters, and spatially discrete knapping areas may also be present.
Topography	The relative positions and elevations of surface features of an area.
Total Dissolved Solids (TDS)	The quantity of mineral (salts) in solution in water, usually expressed in milligrams per liter.
Traditional cultural property	A term referring to a tangible site, district, structure, building, or object with defensible boundaries that is important to a contemporary human community and has been for 50 years or more, that has significance under one or more criteria of the National Register of Historic Places, and with integrity of location, design, setting, materials, workmanship, feeling, and association in the perspective of those who value the place.
Transmissivity	The rate of which water of the prevailing kinematic viscosity is transmitted through a unit width of the aquifer under a unit hydraulic gradient; equal to the hydraulic conductivity times the aquifer thickness.
Triassic	The first period in the Mesozoic Era, spanning from 225 to 190 million years ago and following the Permian Period of the Paleozoic Era; characterized by the first appearance of many reptiles, including the dinosaurs.
Tributary	A stream or river that flows into a larger stream or river.
Trigger point	A threshold value that is established by the NV State Engineer.
Tuffaceous	Composed of, containing, or characteristic of a tuff (fragmental rock consisting of the smaller kinds of volcanic detritus, as ash or cinder, usually more or less stratified).
Unsaturated Zone	The zone between the land surface and the water table. It includes the capillary fringe and may contain water under pressure less than that of the atmosphere.
Utility corridor	A route used by a utility for pipelines and transmission lines.

Vegetation community	Species of plants that commonly live together in the same region or ecotone.
View shed	Visible portion of the specific landscape seen from a specific viewpoint, normally limited by landform, vegetation, distance, and existing cultural modifications.
Visual resource management class	Classification of landscapes according to the kinds of structures and changes that are acceptable to meet established visual goals (BLM).
Water Table	1) The upper surface of a saturated zone except where that surface is formed by an impermeable body, 2) locus of points in soil water at which the pressure is equal to atmospheric pressure; or 3) the surface where ground water is encountered in a well in an unconfined aquifer. The water table is a particular potentiometric surface.
Waters of the United States	All waters that are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce including adjacent wetlands and tributaries to waters of the United States; and all waters by which the use, degradation, or destruction of which would affect or could affect interstate or foreign commerce.
Well Log	1) A record made by the driller, geologist, or engineer of a well which lists geologic materials encountered during drilling and information on the construction of the well (such as casing perforations and sanitary seal); or 2) a log obtained from a special device lowered in a well, showing such information as resistivity, radioactivity, spontaneous potential, and acoustic velocity as a function of depth; especially a lithologic record of the rocks penetrated.
Wetlands	Lands or areas exhibiting hydric soils, saturated or inundated soil during some portion of the plant growing season, and plant species tolerant of such conditions (includes swamps, marshes, bogs).

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