

2. Description of Management Alternatives

2.1 Introduction

Chapter 2 is a discussion of the alternatives' different approaches for managing federal land resources and uses on Reclamation-administered lands within the Newlands Project Planning Area in Washoe, Storey, Lyon, and Churchill Counties, Nevada. It describes the proposed alternatives that were formulated in response to the issues identified by the public and Reclamation. Included are goals, objectives, and specific implementation strategy recommendations.

Reclamation has developed three management alternatives (the No Action Alternative and two action alternatives), which are presented in detail in this chapter. These alternatives provide a range of choices for resolving the planning issues identified during the scoping process for the RMP/EIS and listed in Chapter 1.

Each alternative is composed of a complete and reasonable set of desired outcomes and a description of allowable uses and management actions to achieve these outcomes. In the alternatives, desired outcomes are expressed as goals, which are broad statements of desired outcomes that are not quantifiable. Goals are common to all alternatives.

In the alternatives, allowable uses and management actions are expressed as actions that identify uses or allocations that are allowable, restricted, or prohibited on Reclamation-administered lands. Actions also identify measures to achieve goals and objectives, as well as measures or criteria to guide activities on federal lands. Actions may or may not vary among alternatives.

2.2 Alternatives Developed

Three management alternatives were developed to address the major planning issues. Each alternative provides direction for resource programs based on the development of specific goals and management actions. Each alternative describes specific issues influencing land management and emphasizes a different combination of resource uses, allocations, and restoration measures to address issues and resolve conflicts among users. Resource program goals are met in varying degrees across alternatives. Management scenarios for programs not tied

to major planning issues or mandated by laws and regulations often contain few or no differences in management between alternatives.

Alternative A, the No Action Alternative, is a continuation of the current management and is based on existing planning decisions.

Alternative B, the Proposed RMP, was identified in the Draft RMP/EIS as the Agency Preferred Alternative. The Proposed RMP balances the demand for limited resources among competing human interests, land uses, and the conservation of natural and cultural resource values found in the planning area.

Alternative C, the Conservation Alternative, emphasizes active management of natural and cultural resources and places more emphasis on resource protection than Alternative A by limiting or eliminating use of withdrawn lands.

2.2.1 Alternatives Considered but Eliminated from Detailed Analysis

Most of the elements suggested by the public were included in one or more of the alternatives. The following alternatives were eliminated from detailed study because the alternatives did not meet the purpose and need for Reclamation's management decisions or were outside of the technical, legal, or policy constraints of developing a land use plan for Reclamation-administered land resources and uses.

Management of Newlands Project Operations and Maintenance

The operation and maintenance of the Newlands Project is conducted through a contract with TCID and is not addressed by the RMP; only management of Newlands Project lands is addressed. Alternate water deliveries and uses were not considered in this RMP.

Exclusive Use

Alternatives and general management options proposing exclusive use were not considered. For example, only allowing grazing use of the planning area while not allowing minerals access.

Management for Only One Authorized Purpose

Alternatives and general management options proposing maximum development, production, or protection of one resource at the expense of other resources and uses were not considered.

2.3 Description of Alternatives

Each of the alternatives has different components and management actions that would attain the direction of that alternative. Several components and management actions are common to the No Action and action alternatives. The alternatives vary in the degree to which activities are allowed or restricted, the amount of access allowed for activities, and the amount of mitigation or restoration required for authorized activities. Grazing is where the alternatives differ the most and was of most interest to the public during scoping. These differences are summarized in the paragraphs following the discussion of Management Actions Common to All Alternatives.

2.3.1 Management Actions Common to All Alternatives

Under all alternatives, Reclamation would comply with all applicable laws and regulations, including those relating to air and water quality, hazardous materials, fish and wildlife, special status species, trespass, health and safety, transportation, recreation, cultural resources, social and economic resources, and environmental justice. Reclamation would continue to work with appropriate agencies and entities to adequately manage the Newlands Project Planning Area.

2.3.2 Alternative A (No Action—Continue Current Management)

Alternative A, referred to as the No Action Alternative, is required by NEPA and provides the baseline against which to compare the other alternatives. This alternative would continue current management practices based on the series of policies, directives, and standards and delegations of authority contained in the *Reclamation Manual* (RCD TRMR-15). All requirements in the *Reclamation Manual* are mandatory and constitute official Reclamation policy. Under Alternative A, the existing management direction, deeds, standards, and Reclamation-wide methods of conducting business would continue to be followed. The current levels and methods of management of federal lands in the Newlands Project Planning Area would continue, except for grazing. Under Alternative A, the issuance of grazing leases, including the terms and conditions, would be brought into compliance with Reclamation's current directives and standards. Seasonal and annual grazing leases would be issued for a maximum of one year through a noncompetitive renewal process. Range improvements would have to be compatible with directives and standards and Project purposes.

Changes in direction contained in new or amended laws, regulations, policies, and standards would also continue to be implemented, sometimes superseding current provisions (e.g., Energy Policy Act of 2005).

2.3.3 Alternative B (Proposed RMP)

Alternative B is intended to balance management of resource uses with management of natural and cultural resources. This alternative was developed by combining those aspects of Alternatives A and C that provide the most balanced outcome for managing Reclamation-administered lands within the Newlands Project Planning Area. Alternative B incorporates many management objectives and actions from the other two alternatives and may include new management direction as necessary. This alternative also generally allows for more uses and active resource management than under Alternative C.

Under Alternative B, a Grazing Management Plan would be developed with public input to balance grazing with restoration of land health in grazing areas. The plan would include decision criteria concerning pasture boundaries, length of leases and renewals, lease terms and conditions, fees, management during extreme conditions (e.g., droughts and fires), and the needs for maintaining healthy sustainable rangeland health and protecting sensitive habitats. When the plan is approved, current leases and pastures would be reevaluated in accordance with the criteria in the plan. Reclamation would manage grazing in accordance with the plan. Range improvements and maintenance responsibilities would be inventoried and managed, and new improvement authorizations would be carried out in accordance with the plan. A preliminary outline for the contents of the Grazing Management Plan is presented in Appendix A.

2.3.4 Alternative C (Conservation)

Alternative C deemphasizes recreational, access, and mineral and energy development goals in favor of natural resource values. There would be more restrictions on these resources' uses than under the other alternatives. Off-road vehicle (ORV) use would be completely prohibited on Reclamation-administered lands.

Under Alternative C, all grazing on Reclamation-administered lands would be phased out and eliminated within two years. Rangeland improvements would be removed where appropriate and where the improvements are no longer needed. Degraded rangelands would be identified for revegetation and restoration.

2.3.5 Comparison of Alternatives

Table 2-1 details management goals and actions for each alternative. It compares the alternatives and shows details of the management guidance for each alternative. The table is organized into the following resource and use categories:

- Air quality;

- Noise;
- Geology;
- Mineral resources;
- Soil resources;
- Water resources and water quality;
- Visual resources;
- Cultural resources;
- Fish and wildlife;
- Vegetation;
- Threatened and endangered and other special status species;
- Invasive species and weeds;
- Indian Trust Assets;
- Land use and status;
- Livestock grazing;
- Energy development;
- Fire management;
- Transportation access;
- Public health and safety;
- Illegal activities;
- Recreation; and
- Socioeconomic and environmental justice.

Energy resources include renewable energy (i.e., solar power, wind, biomass, hydroelectric power, and geothermal resources) and oil and gas. Geothermal resources and oil and gas are managed as leasable minerals and are addressed under management actions for mineral resources.

If acreages and other numbers were used in the alternatives, the amounts are approximate and serve for comparison and analytical purposes only. Acreages are only estimates, based on the most current available data. Readers should not infer that acreages reflect exact measurements or precise calculations.

Table 2-1: Newlands Project Resource Management Plan Alternatives**All Actions Organized by Resource**

This table includes all the actions organized by resource category. Where an action would influence multiple resources, it is listed under the resource most affected.

Table 2-1: Newlands Project Resource Management Plan Alternatives

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Air Quality		
Goal: Meet all applicable local, state, tribal, and national ambient air quality standards under the Clean Air Act (as amended).		
Objective A-AQ 1. Comply with air quality standards.	Objective B-AQ 1. Minimize air quality impacts from activities on Reclamation-administered lands.	Objective C-AQ 1. Prevent air quality impacts of activities on Reclamation-administered lands from exceeding air quality standards specified by the Regional Air Quality Management Board.
Action A-AQ 1.1. Continue ongoing cooperation with appropriate air quality regulatory agencies.	Action B-AQ 1.1. Cooperate with appropriate air quality regulatory agencies to reduce adverse impacts on air quality.	Action C-AQ 1.1. Same as Alternative B.
Action A-AQ 1.2. Continue dust abatement and other mitigating measures as applicable to road maintenance and similar activities.	Action B-AQ 1.2. Implement best management practices (BMPs) and other mitigation measures to ensure compliance with air regulations.	Action C-AQ 1.2. Same as Alternative B.
Noise		
Goal: Comply with all applicable local, state, and federal noise regulations and requirements.		
Objective A-N 1. Not addressed in current management.	Objective B-N 1. Minimize noise disturbance on Reclamation-administered lands.	Objective C-N 1. Same as Alternative B.
Action A-N 1.1. No similar action.	Action B-N 1.1. Identify noise sources and sensitive noise receptors.	Action C-N 1.1. Same as Alternative B.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-N 1.2. No similar action.	Action B-N 1.2. Authorize and conduct construction in accordance with local noise ordinances.	Action C-N 1.2. Include noise minimization mitigations in authorizations to conduct construction.
Geology Goal: Maintain the integrity of non-economic geologic resources (such as sites or features that have significant, uncommon scientific, scenic, cultural, or visitor interest values) while providing for multiple use.		
Objective A-G 1. Not addressed in current management.	Objective B-G 1. Protect unique geologic features, including hot springs and dunes.	Objective C-G 1. Same as Alternative B.
Action A-G 1.1. No similar action.	Action B-G 1.1. Identify areas of unique geologic interest.	Action C-G 1.1. Same as Alternative B.
Action A-G 1.2. No similar action.	Action B-G 1.2. Educate the public about the sensitivity and uniqueness of these geologic features.	Action C-G 1.2. Same as Alternative B.
Action A-G 1.3. No similar action.	Action B-G 1.3. Restrict activities in areas with unique geologic features.	Action C-G 1.3. Designate areas containing unique geologic resources as exclusion zones for ROWs and other discretionary actions and close these areas to salable mineral disposal. Leasable minerals within unique geologic areas would be available with a “no surface occupancy” stipulation.
Mineral Resources include all leasable and salable minerals. Goal: Manage mineral material resource development consistent with maintaining the integrity of Project facilities.		
Objective A-MR 1. No similar objective.	Objective B-MR 1. Specify areas that would and would not be appropriate for mineral development.	Objective C-MR 1. Close areas to mineral development.
Action A-MR 1.1. Prohibit geothermal leasing near Newlands Project facilities as follows: <ul style="list-style-type: none"> • Within 500 feet on either side of the centerline of roads or highways within the leased area. • Within 200 feet on either side of the centerline 	Action B-MR 1.1. Same as Alternative A.	Action C-MR 1.1. Prohibit mineral development near Newlands Project facilities as follows: <ul style="list-style-type: none"> • Within 500 feet on either side of the centerline of roads or highways within the leased area. • Within 500 feet on either side of the centerline of

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
<p>of trails within the leased area.</p> <ul style="list-style-type: none"> • Within 500 feet of the normal high-water line of live streams in the leased area. • Within 400 feet of recreation developments within the leased area. • Within 400 feet of any improvements, whether owned, permitted, leased, or otherwise authorized by Reclamation, within the leased area. • Within 200 feet of established cropfields, food plots, and tree/shrub plantings within the leased area. • Within 200 feet of slopes steeper than a 2:1 gradient within the leased area. • Within established rights-of-way of canals, laterals, and drainage ditches within the leased area. • Within a minimum of 500 feet horizontal from the centerline of the facility, or 50 feet from the outside toe of the canal, lateral, or drain embankment, whichever distance is greater, for irrigation facilities without clearly marked rights-of-way within the leased area. 		<p>trails within the leased area.</p> <ul style="list-style-type: none"> • Within 1,000 feet of the normal high-water line of live streams in the leased area. • Within 1,000 feet of recreation developments within the leased area. • Within 500 feet of any improvements, whether owned, permitted, leased, or otherwise authorized by Reclamation, within the leased area. • Within 500 feet of established cropfields, food plots, and tree/shrub plantings within the leased area. • Within 500 feet of slopes steeper than a 2:1 gradient within the leased area. • Within 500 feet of established rights-of-way of canals, laterals, and drainage ditches within the leased area. • Within a minimum of 500 feet horizontal from the centerline of the facility or 50 feet from the outside toe of the canal, lateral, or drain embankment, whichever distance is greater, for irrigation facilities without clearly marked rights-of-way within the leased area.
<p>Action A-MR 1.2. No occupancy of the surface or surface drilling for geothermal leases would be allowed in the following areas. In addition, no directional drilling would be allowed that would intersect the subsurface zones delineated by a vertical plane in these areas.</p>	<p>Action B-MR 1.2. Same as Alternative A.</p>	<p>Action C-MR 1.2. No occupancy of the surface or surface drilling would be allowed in the following areas. In addition, no directional drilling would be allowed that would intersect the subsurface zones delineated by a vertical plane in these areas.</p> <ul style="list-style-type: none"> • Within 2,000 feet of the maximum water surface,

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
<ul style="list-style-type: none"> • Within 1,000 feet of the maximum water surface, as defined in the standard operating procedures (SOP), of any reservoirs and related facilities within the leased area. • Within 2,000 feet of dam embankments and appurtenance structures, such as spillway structures and outlet works. • Within half a mile horizontal from the centerline of any tunnel within the leased area. 		<p>as defined in the SOPs, of any reservoirs and related facilities within the leased area.</p> <ul style="list-style-type: none"> • Within 2,000 feet of dam embankments and appurtenance structures such as spillway structures and outlet works. • Within half a mile horizontal from the centerline of any tunnel within the leased area.
<p>Action A-MR 1.3. No similar action.</p>	<p>Action B-MR 1.3. The rights to locatable minerals could be acquired in accordance with 43 CFR, 3816, “Mineral Locations in Reclamation Withdrawals,” but proposals for locatable mineral operations would include restrictions near Project facilities, as follows:</p> <ul style="list-style-type: none"> • Within 500 feet on either side of the centerline of roads or highways within the leased area. • Within 200 feet on either side of the centerline of trails within the leased area. • Within 500 feet of the normal high-water line of live streams in the leased area. • Within 400 feet of recreation developments within the leased area. • Within 400 feet of any improvements, whether owned, permitted, leased, or otherwise authorized by Reclamation, within the leased area. • Within 200 feet of established cropfields, food plots, and tree/shrub plantings within the leased 	<p>Action C-MR 1.3. The rights to locatable minerals could be acquired in accordance with 43 CFR 3816 “Mineral Locations in Reclamation Withdrawals,” but proposals for locatable mineral operations would include restrictions near Project facilities, as follows:</p> <ul style="list-style-type: none"> • Within 500 feet on either side of the centerline of roads or highways within the leased area. • Within 500 feet on either side of the centerline of trails within the leased area. • Within 1,000 feet of the normal high-water line of live streams in the leased area. • Within 1,000 feet of recreation developments within the leased area. • Within 500 feet of any improvements, whether owned, permitted, leased, or otherwise authorized by Reclamation within the leased area. • Within 500 feet of established cropfields, food plots, and tree/shrub plantings within the leased

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
	<p>area.</p> <ul style="list-style-type: none"> • Within 200 feet of slopes steeper than a 2:1 gradient within the leased area. • Within established rights-of-way of canals, laterals, and drainage ditches within the leased area. • Within a minimum of 500 feet horizontal from the centerline of the facility or 50 feet from the outside toe of the canal, lateral, or drain embankment, whichever distance is greater, for irrigation facilities without clearly marked rights-of-way within the leased area. 	<p>area.</p> <ul style="list-style-type: none"> • Within 500 feet of slopes steeper than a 2:1 gradient within the leased area. • Within 500 feet of established rights-of-way of canals, laterals, and drainage ditches within the leased area. • Within a minimum of 500 feet horizontal from the centerline of the facility or 50 feet from the outside toe of the canal, lateral, or drain embankment, whichever distance is greater, for irrigation facilities without clearly marked rights-of-way within the leased area.
<p>Action A-MR 1.4. No similar action.</p>	<p>Action B-MR 1.4. The rights to locatable minerals could be acquired, but proposals for locatable mineral operations would include restrictions in the following areas of where subsurface surface mining could intersect the subsurface zones delineated by a vertical plane in these areas.</p> <ul style="list-style-type: none"> • Within 1,000 feet of the maximum water surface, as defined in the SOPs, of any reservoirs and related facilities within the leased area. • Within 2,000 feet of dam embankments and appurtenance structures, such as spillway structures and outlet works. • Within half a mile horizontal from the centerline of any tunnel within the leased area. 	<p>Action C-MR 1.4. The rights to locatable minerals could be acquired, but proposals for locatable mineral operations would include restrictions in the following areas of where subsurface surface mining could intersect the subsurface zones delineated by a vertical plane in these areas:</p> <ul style="list-style-type: none"> • Within 2,000 feet of the maximum water surface, as defined in the SOPs, of any reservoirs and related facilities within the leased area. • Within 2,000 feet of dam embankments and appurtenance structures, such as spillways and outlet works. • Within half a mile horizontal from the centerline of any tunnel within the leased area.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-MR 1.5. No similar action.	Action B-MR 1.5. The rights to locatable minerals could be acquired, but proposals for locatable mineral operations would include restrictions in flood zones or wildlife management areas.	Action C-MR 1.5. Same as Alternative B.
Action A-MR 1.6. No similar action.	Action B-MR 1.6. Increase coordination between Reclamation and other federal and state agencies with mineral development authority to cooperatively evaluate mineral development opportunities.	Action C-MR 1.6. Same as Alternative B.
Objective A-MR 2. Not addressed in current management.	Objective B-MR 2. Manage materials pits on Reclamation-administered lands in accordance with 43 CFR, 3601.13.	Objective C-MR 2. Same as Alternative B.
Action A-MR 2.1. No similar action.	Action B-MR 2.1. Identify existing material pits and management responsibilities.	Action C-MR 2.1. Same as Alternative B.
Action A-MR 2.2. No similar action.	Action B-MR 2.2. Coordinate with the BLM and NDOT on managing existing and new material pits used for construction and maintenance.	Action C-MR 2.2. Same as Alternative B.
Action A-MR 2.3. No similar action.	Action B-MR 2.3. Determine responsible parties for managing material pits authorized through BLM permit process.	Action C-MR 2.3. Same as Alternative B.
Action A-MR 2.4. No similar action.	Action B-MR 2.4. Identify a process for selling mineral materials to the public.	Action C-MR 2.4. Same as Alternative B.
Action A-MR 2.5. No similar action.	Action B-MR 2.5. Develop BMPs and appropriate stipulations specific to management of material pits.	Action C-MR 2.5. Same as Alternative B.
Objective A-MR 3. Not addressed in current management.	Objective B-MR 3. Close abandoned mines.	Objective C-MR 3. Same as Alternative B.
Action A-MR 3.1. No similar action.	Action B-MR 3.1. Identify and locate any abandoned mines.	Action C-MR 3.1. Same as Alternative B.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-MR 3.2. No similar action.	Action B-MR 3.2. Evaluate hazard potential from abandoned mines and address through closure. Consult with NDOW prior to any abandoned mine closures to ensure protection of bat habitat.	Action C-MR 3.2. Same as Alternative B.
Objective A-MR 4. No similar objective.	Objective B-MR 4. Ensure that management actions on mineral development include restoration.	Objective C-MR 4. Require reclamation of lands affected by mineral development.
Action A-MR 4.1. No similar action.	Action B-MR 4.1. Develop standards to reclaim land after mineral development to be implemented by project proponents as part of the use authorization.	Action C-MR 4.1. Require complete reclamation of land after mineral development.
Action A-MR 4.2. Coordinate with the BLM on mineral development reclamation, where appropriate.	Action B-MR 4.2. Same as Alternative A.	Action C-MR 4.2. Same as Alternative A.
Objective A-MR 5. Not addressed in current management.	Objective B-MR 5. Administer mill sites in accordance with existing laws.	Objective C-MR 5. Same as Alternative B.
Action A-MR 5.1. No similar action.	Action B-MR 5.1. Identify and document existing mill sites on Reclamation-administered lands.	Action C-MR 5.1. Same as Alternative B.
Action A-MR 5.2. No similar action.	Action B-MR 5.2. Coordinate with the BLM to address unauthorized occupancy on mill site claims, per 43 CFR, 3832.30.	Action C-MR 5.2. Coordinate with the BLM to evict unauthorized occupants of mill site claims, per 43 CFR, 3832.30.
Soil Resources		
Goal: Maintain, protect, and improve soil processes (hydrologic cycle, nutrient cycle, and energy flow) to prevent or reduce accelerated soil erosion. Control soil erosion in priority areas where erosion causes concern for water quality, safety, and damage to resources and facilities.		
Objective A-S 1. No similar objective.	Objective B-S 1. Address soil contamination on Reclamation-administered lands.	Objective C-S 1. Same as Alternative B.
Action A-S 1.1. No similar action.	Action B-S 1.1. Identify areas of contamination.	Action C-S 1.1. Same as Alternative B.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-S 1.2. Pursue remediation of identified areas of contamination.	Action B-S 1.2. Remediate identified areas of contamination.	Action C-S 1.2. Same as Alternative A.
Action A-S 1.3. No similar action.	Action B-S 1.3. Implement BMPs to reduce the likelihood of future contamination.	Action C-S 1.3. Require and enforce BMPs to prevent future contamination.
Objective A-S 2. Not addressed in current management.	Objective B-S 2. Appropriately manage soil resources on Reclamation-administered lands.	Objective C-S 2. Same as Alternative B.
Action A-S 2.1. No similar action.	Action B-S 2.1. Implement BMPs on surface-disturbing activities.	Action C-S 2.1. Require and enforce BMPs on surface-disturbing activities.
Action A-S 2.2. No similar action.	Action B-S 2.2. Ensure that management actions for other resources incorporate adequate soil protection.	Action C-S 2.2. Ensure that management actions for other resources incorporate maximum soil protection measures.
Action A-S 2.3. No similar action.	Action B-S 2.3. Manage activities to maintain or improve land health standards.	Action C-S 2.3. Manage activities to improve land health standards.
Objective A-S 3. Not addressed in current management.	Objective B-S 3. Protect biocrust species on Reclamation-administered lands.	Objective C-S 3. Same as Alternative B.
Action A-S 3.1. No similar action.	Action B-S 3.1. Identify biocrust areas.	Action C-S 3.1. Same as Alternative B.
Action A-S 3.2. No similar action.	Action B-S 3.2. Inform the public about the unique characteristics of biocrusts.	Action C-S 3.2. Same as Alternative B.
Action A-S 3.3. No similar action.	Action B-S 3.3. Restrict activities and implement BMPs to reduce damage.	Action C-S 3.3. Eliminate surface disturbances in areas with high potential for biological crusts during seasons when soil is dry.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
<p>Water Resources/Water Quality</p> <p>Goal: Comply with all applicable federal, local, state, and tribal water quality regulations, including the federal Clean Water Act requirements. Manage for healthy watersheds across the landscape. Protect and maintain watersheds so that the watersheds appropriately capture, retain, and release water of quality that meets state and national standards. Ensure federal lands are capable of providing long-term sustainable water for local community needs and for land management activities, while minimizing impacts on the local ecosystem’s hydrologic functions and processes.</p>		
<p>Objective A-WR 1. No similar objective.</p>	<p>Objective B-WR 1. Minimize the potential for pollutants to enter the Project facilities.</p>	<p>Objective C-WR 1. Same as Alternative B.</p>

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-WR 1.1. No similar action.	Action B-WR 1.1. Identify point and nonpoint sources of pollution including storm water runoff, through drainage studies, periodic monitoring or other means.	Action C-WR 1.1. Same as Alternative B.
Action A-WR 1.2. Implement and comply with the Regional Reclamation policy (Regional Letter #03-11, Delegation of Authority for Review and Approval/Disapproval of Applications to Receive Drainage and/or Discharges from Urban and Agriculture Sources into Certain Reclamation Delivery and Drainage Facilities).	Action B-WR 1.2. Same as Alternative A.	Action C-WR 1.2. Restrict the conveyance of nonagricultural water into Reclamation drains.
Objective A-WR 2. Comply with all applicable federal, local, state, and tribal water quality regulations, including the federal Clean Water Act requirements.	Objective B-WR 2. Same as Alternative A.	Objective C-WR 2. Same as Alternative A.
Action A-WR 2.1. Proposed projects are assessed for Clean Water Act compliance through the permitting and NEPA processes.	Action B-WR 2.1. Same as Alternative A	Action C-WR 2.1. Same as Alternative A.
Objective A-WR 3. Not addressed in current management.	Objective B-WR 3. Manage for healthy watersheds to appropriately capture, retain, and release water of quality that meets or exceeds state and federal standards.	Objective C-WR 3. Same as Alternative B.
Action A-WR 3.1 No similar action.	Action B-WR 3.1. Assess riparian functionality.	Action C-WR 3.1. Same as Alternative B.
Action A-WR 3.2. No similar action.	Action B-WR 3.2. Implement riparian protective measures, (e.g., revegetation, grazing management, and exclosures).	Action C-WR 3.2. Same as Alternative B.
Objective A-WR 4. Not addressed in current management.	Objective B-WR 4. Minimize erosion from Reclamation-administered lands into watersheds.	Objective C-WR 4. Same as Alternative B.
Action A-WR 4.1. No similar action.	Action B-WR 4.1. Identify areas that are particularly vulnerable to erosion and sediment loss and restrict	Action C-WR 4.1. Identify areas that are particularly vulnerable to erosion and sediment loss and restrict

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
	uses as much as possible.	uses in those areas.
Action A-WR 4.2. No similar action.	Action B-WR 4.2. Enforce compliance of those engaged in illegal soil-disturbing activities.	Action C-WR 4.2. Same as Alternative B.
Action A-WR 4.3. No similar action.	Action B-WR 4.3. Develop erosion control BMPs to apply to resource uses on Reclamation-administered lands.	Action C-WR 4.3. Same as Alternative B.
Objective A-WR 5. No similar objective.	Objective B-WR 5. Coordinate management of shared watersheds with neighboring landowners and agencies to protect ecological health and water quality.	Objective C-WR 5. Same as Alternative B.
Action A-WR 5.1. Implement memorandums of agreement, cost sharing of restoration measures, etc.	Action B-WR 5.1. Same as Alternative A.	Action C-WR 5.1. Same as Alternative A.
Visual Resources Goal: Manage projects on Reclamation-administered land to consider scenic quality values.		
Objective A-VR 1. No similar objective.	Objective B-VR 1. Manage projects on Reclamation-administered land to consider scenic quality values.	Objective C-VR 1. Same as Alternative B.
Action A-VR 1.1. No similar action.	Action B-VR 1.1. Ensure that all signs comply with the Reclamation sign manual.	Action C-VR 1.1. Same as Alternative B.
Action A-VR 1.2. Consider visual impacts in the NEPA evaluations of individual projects.	Action B-VR 1.2. Same as Alternative A.	Action C-VR 1.2. Same as Alternative A.
Action A-VR 1.3. No similar action.	Action B-VR 1.3. Non-Project facilities would be designed to blend into the natural landscape through careful siting (e.g., behind terrain, away from ridgelines, within vegetated areas), screening with appropriate native plant species, use of compatible architectural design with the applicable surroundings (including style, scale, texture, and	Action C-VR 1.3. Same as Alternative B.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
	colors), and avoiding the use of unpainted metallic surfaces.	
Cultural Resources		
Goal: Reclamation will manage cultural resources in the Newlands Project in accordance with Reclamation Policy and Directives and Standards for Cultural Resources Management and the Inadvertent Discovery of Human Remains on Reclamation Lands, Department of the Interior Departmental Manual 411, the National Historic Preservation Act (NHPA), the Archaeological Resources Protection Act (ARPA), the Native American Graves Protection and Repatriation Act (NAGPRA), 36 CFR, Parts 800, 60, and 79, and 43 CFR, Part 10.		
Objective A-CR 1. Not addressed in current management.	Objective B-CR 1. Complete Newlands Project Programmatic Agreement.	Objective C-CR 1. Same as Alternative B.
Action A-CR 1.1. No similar action.	Action B-CR 1.1. Identify actions needed to implement or modify the negotiated programmatic agreement.	Action C-CR 1.1. Same as Alternative B.
Action A-CR 1.2. No similar action.	Action B-CR 1.2. Complete negotiated activities and implement the agreement.	Action C-CR 1.2. Same as Alternative B.
Objective A-CR 2. Reclamation would manage cultural resources in the Newlands Project in accordance with Reclamation Policy and Directives and Standards for Cultural Resources Management and the Inadvertent Discovery of Human Remains on Reclamation Lands, Department of the Interior Departmental Manual 411, the NHPA, the ARPA, the NAGPRA, 36 CFR Parts 800, 60, 79, and 43 CFR, Part 10.	Objective B-CR 2. Same as Alternative A.	Objective C-CR 2. Same as Alternative A.
Action A-CR 2.1. Whenever possible, protect historic properties by avoidance through Reclamation’s planning process.	Action B-CR 2.1. Same as Alternative A.	Action C-CR 2.1. Same as Alternative A.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-CR 2.2. No similar action.	Action B-CR 2.2. Protect historic properties through the use of protective fencing, coverings, and exclusion, as applicable.	Action C-CR 2.2. Same as Alternative B.
Action A-CR 2.3. No similar action.	Action B-CR 2.3. Minimize publicity and access to sensitive cultural resources locations.	Action C-CR 2.3. Same as Alternative B.
Objective A-CR 3. For site-specific projects, consider the effects on cultural resources through implementation of the Section 106 process of the NHPA, ARPA, and the NAGPRA.	Objective B-CR 3. Same as Alternative A.	Objective C-CR 3. Same as Alternative A.
Action A-CR 3.1. Require leases and review for all research, survey, and excavation projects within and around identified cultural resources.	Action B-CR 3.1. Same as Alternative A.	Action C-CR 3.1. Same as Alternative A.
Action A-CR 3.2. No similar action.	Action B-CR 3.2. To fulfill regional reporting requirements, conduct inventory of Reclamation's museum property stored at the Nevada State Museum and other curation facilities.	Action C-CR 3.2. Same as Alternative B.
Action A-CR 3.3. No similar action.	Action B-CR 3.3. Consider opportunities for public education, including the importance of and requirements for protecting cultural/historic resources.	Action C-CR 3.3. Same as Alternative B.
Action A-CR 3.4. No similar action.	Action B-CR 3.4. Proactively manage historic properties as required by Section 110 of the NHPA.	Action C-CR 3.4. Same as Alternative B.
Objective A-CR 4. Bring grazing program into NHPA compliance.	Objective B-CR 4. Same as Alternative A.	Objective C-CR 4. Identify range improvements that are historic properties.
Action A-CR 4.1. Enter into a programmatic agreement with the State Historic Preservation Office (SHPO) on a phased program to inventory, evaluate for eligibility for listing, consult with SHPO and tribes, and resolve any adverse effects on cultural resources on Reclamation-administered	Action B-CR 4.1. Same as Alternative A.	Action C-CR 4.1. Evaluate which range improvements will remain in place, due to historical significant, once grazing is eliminated.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
lands.		
Objective A-CR 5. No similar objective.	Objective B-CR 5. Coordinate with other agencies to manage cultural resources where appropriate.	Objective C-CR 5. Same as Alternative B.
Action A-CR 5.1. Continue to implement the memorandum of agreement with the BLM on the Grimes Point Archaeological Site.	Action B-CR 5.1. Same as Alternative A.	Action C-CR 5.1. Same as Alternative A.
Action A-CR 5.2. No similar action.	Action B-CR 5.2. Consider partnerships for management of publicly identified archaeological sites.	Action C-CR 5.2. Same as Alternative B.
Objective A-CR 6. No similar objective.	Objective B- CR 6. Manage the National Historic Trails (NHT) to preserve its historic and scenic values and its cultural landscapes.	Objective C-CR 6. Same as Alternative B.
Action A-CR 6.1. No similar action.	Action B-CR 6.1. Direct and indirect adverse effects on eligible, unevaluated, or high potential trail segments and associated sites would be mitigated by avoidance, project redesign, minimizing the scale, camouflaging the proposed activity with visual screening techniques, data collection, interpretation or public education, or other means in consultation with the National Park Service, Nevada SHPO, OCTA, Trails West, and other interested public entities. Offsite mitigation would also be considered.	Action C-CR 6.1. Same as Alternative B

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Fish and Wildlife Goal: Manage fish and wildlife habitat on Reclamation-administered lands to maintain and/or improve quality of habitat.		
Objective A-FW 1. Not addressed in current management.	Objective B-FW 1. Manage fish and wildlife habitat according to Reclamation policies/guidance.	Objective C-FW 1. Same as Alternative B.
Action A-FW 1.1. No similar action.	Action B-FW 1.1. Consider impacts on wildlife habitat when allowing activities and issuing use authorizations on Reclamation-administered lands.	Action C-FW 1.1. Prioritize minimizing impacts on wildlife habitat when allowing activities and issuing use authorizations on Reclamation-administered lands.
Action A-FW 1.2. No similar action.	Action B-FW 1.2. Inventory key habitats within the Newlands Project area (e.g., wetlands, riparian).	Action C-FW 1.2. Same as Alternative B.
Action A-FW 1.2.1. No similar action.	Action B-FW 1.2.1. Consult with NDOW when inventorying key habitats within the Newlands Project area (e.g., wetlands, riparian) or developing management strategies/goals for key habitats.	Action C-FW 1.2.1. Same as Alternative B.
Action A-FW 1.3. No similar action.	Action B-FW 1.3. Identify and protect mule deer winter range habitat.	Action C-FW 1.3. Same as Alternative B.
Action A-FW 1.4. No similar action.	Action B-FW 1.4. Develop management strategies/goals for key habitats.	Action C-FW 1.4. Same as Alternative B.
Action A-FW 1.5. No similar action.	Action B-FW 1.5. Develop management strategies to minimize impacts on water quality and aquatic habitat.	Action C-FW 1.5. Develop management strategies to improve water quality and aquatic habitat.
Action A-FW 1.6. No similar action.	Action B-FW 1.6. Implement fire management strategies, including prescribed burns, as outlined in the Fire Management Plan, in accordance with Reclamation Directives and Standards.	Action C-FW 1.6. Implement fire management strategies, not to include prescribed burns, as outlined in the Fire Management Plan, to prevent catastrophic wildfires and to protect habitat.
Action A-FW 1.7. Not addressed in current management.	Action B-FW 1.7. Partner with other entities to manage fish and wildlife habitat on Reclamation-administered lands.	Action C-FW 1.7. Partner with other entities to manage and improve fish and wildlife habitat on Reclamation-administered lands.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Vegetation		
Goal: Manage for plant communities that are healthy, productive, diverse, and resilient.		
Objective A-V 1. Not addressed in current management.	Objective B-V 1. Establish a baseline plant community assessment.	Objective C-V 1. Same as Alternative B.
Action A-V 1.1. No similar action.	Action B-V 1.1. Survey and inventory vegetation communities on Reclamation-administered lands.	Action C-V 1.1. Same as Alternative B.
Action A-V 1.2. No similar action.	Action B-V 1.2. Develop appropriate vegetation management BMPs.	Action C-V 1.2. Same as Alternative B.
Objective A-V 2. Not addressed in current management.	Objective B-V 2. Maintain healthy vegetation communities on Reclamation-administered lands.	Objective C-V 2. Improve vegetation communities on Reclamation-administered land.
Action A-V 2.1. No similar action.	Action B-V 2.1. Coordinate with the BLM on management (including removal) of wild horses on Reclamation-administered lands within the Lahontan HMA boundary.	Action C-V 2.1. Coordinate with the BLM on the removal of all wild horses on Reclamation-administered lands within the Lahontan HMA boundary.
Action A-V 2.2. No similar action.	Action B-V 2.2. Identify current range conditions for management or improvement as outlined in the Grazing Management Plan.	Action C-V 2.2. Identify range conditions for planning phase out of grazing.
Action A-V 2.3. No similar action.	Action B-V 2.3. Monitor range conditions in accordance with Grazing Management Plan.	Action C-V 2.3. Monitor range conditions during phase out of grazing.
Action A-V 2.4. No similar action.	Action B-V 2.4. Address lands not meeting land health standards through the implementation of SOPs, BMPs, mitigation measures, lease terms, conditions, and stipulations.	Action C-V 2.4. Address lands not meeting land health standards through the closures, exclusion zones, and implementation of SOPs, BMPs, mitigation measures, lease terms, conditions, and stipulations.
Objective A-V 3. Not addressed in current management.	Objective B-V 3. Maintain and protect native plant communities.	Objective C-V 3. Protect and expand native plant communities.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-V 3.1. No similar action.	Action B-V 3.1. Minimize clearing or converting native plant communities caused by human activities.	Action C-V 3.1. Restrict human activities requiring clearing or converting native plant communities.
Objective A-V 4. No similar objective.	Objective B-V 4. Maintain and protect wetlands.	Objective C-V 4. Protect and restore wetlands.
Action A-V 4.1. No similar action.	Action B-V 4.1. Identify and inventory wetlands in the planning area.	Action C-V 4.1. Same as Alternative B.
Action A-V 4.2. Seek opportunities for managing partners.	Action B-V 4.2. Same as Alternative A.	Action C-V 4.2. Develop and implement BMPs to address the protection and improvement of riparian areas and wetlands.
Threatened and Endangered and Other Special Status Species		
Goal: Protect, conserve, and enhance habitat and natural resources for special status species on Reclamation-administered lands.		
Objective A-SS 1. Protect, conserve, and enhance habitat for special status species on Reclamation-administered lands.	Objective B-SS 1. Same as Alternative A.	Objective C-SS 1. Same as Alternative A.
Action A-SS 1.1. If new species are listed, coordinate with the USFWS to identify and protect the species and their habitat.	Action B-SS 1.1. Same as Alternative A.	Action C-SS 1.1. Same as Alternative A.
Action A-SS 1.2. Minimize disruption/degradation of habitat through the use authorization process.	Action B-SS 1.2. Same as Alternative A.	Action C-SS 1.2. Minimize disruption/degradation of habitat by closures, exclusion zones, regulating public uses, visitor density, or other appropriate measures.
Invasive Species and Weeds		
Goal: Minimize and control spread of invasive species and noxious weeds.		
Objective A-IS 1. No similar objective.	Objective B-IS 1. Develop and apply an integrated weed management program for Reclamation-administered lands.	Objective C-IS 1. Same as Alternative B.
Action A-IS 1.1. No similar action.	Action B-IS 1.1. Identify effective weed control methods, including biological, manual, cultural, and	Action C-IS 1.1. Identify effective weed control methods, including biological, manual, and cultural.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
	herbicidal techniques.	Restrict use of herbicides.
Action A-IS 1.1.1. No similar action.	Action B-IS 1.1.1 Require the completion of Pesticide Use Proposals prior to use of any herbicides on Reclamation-administered lands or features.	Action C-IS 1.1.1 Same as Alternative B.
Action A-IS 1.2. No similar action.	Action B-IS 1.2. When necessary, revegetate treated areas and areas vulnerable to weed invasion. Establish vegetation using methods appropriate for the site, such as seed mixtures and fertilizers.	Action C-IS 1.2. Same as Alternative B.
Action A-IS 1.3. No similar action.	Action B-IS 1.3. Inventory, map, and monitor weed populations.	Action C-IS 1.3. Same as Alternative B.
Action A-IS 1.4. No similar action.	Action B-IS 1.4. Develop weed prevention measures. Measures may include pre-project treatments, washing equipment, minimizing soil disturbance, and establishing desirable vegetation. Incorporate measures into contracts and permits.	Action C-IS 1.4. Same as Alternative B.
Action A-IS 1.5. Coordinate with other agencies regarding weed identification, control, and prevention.	Action B-IS 1.5. Same as Alternative A.	Action C-IS 1.5. Same as Alternative A.
Objective A-IS 2. Not addressed in current management.	Objective B-IS 2. Identify and prioritize invasive/noxious weeds and areas for treatment.	Objective C-IS 2. Same as Alternative B.
Action A-IS 2.1. No similar action.	Action B-IS 2.1. Prioritize weed species based on treatment goals identified in a weed treatment program: <ul style="list-style-type: none"> • Priority I-Eradication (new invaders) • Priority II-Containment (localized populations) 	Action C-IS 2.1. Same as Alternative B.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
	<ul style="list-style-type: none">• Priority III-Management (widespread species)	

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-IS 2.2. No similar action.	Action B-IS 2.2. Prioritize treatment areas on Reclamation-administered lands	Action C-IS 2.2. Same as Alternative B.
Objective A-IS 3. Not addressed in current management.	Objective B-IS 3. Prevent introduction of Dreissenid mussels (e.g., quagga mussels) in waters not infected and to prevent the spread of invasive species from those waters that are infected, in accordance with the Mid-Pacific Region's Strategic Response, Policy and Plan.	Objective C-IS 3. Same as Alternative B.
Action A-IS 3.1. No similar action.	Action B-IS 3.1. Monitor for Dreissenid infestation.	Action C-IS 3.1. Same as Alternative B.
Action A-IS 3.2. No similar action.	Action B-IS 3.2. Educate the public about the impacts from Dreissenid infestation and prevention practices.	Action C-IS 3.2. Same as Alternative B.
Action A-IS 3.3. No similar action.	Action B-IS 3.3. Coordinate with managing partners to implement preventive measures.	Action C-IS 3.3. Same as Alternative B.
Action A-IS 3.4. No similar action.	Action B-IS 3.4. Coordinate with managing partners to control Dreissenid infestation through monitoring, inspections, quarantine, and other appropriate means.	Action C-IS 3.4. Same as Alternative B.
Objective A-IS 4. No similar objective.	Objective B-IS 4. Prevent the introduction of other invasive species on Reclamation facilities and lands.	Objective C-IS 4. Same as Alternative B.
Action A-IS 4.1. Monitor for invasive species infestation.	Action B-IS 4.1. Same as Alternative A.	Action C-IS 4.1. Same as Alternative A.
Action A-IS 4.2. No similar action.	Action B-IS 4.2. Educate the public about the impacts from invasive species infestation and prevention practices.	Action C-IS 4.2. Same as Alternative B.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-IS 4.3. No similar action.	Action B-IS 4.3. Coordinate with managing partners to implement preventative measures.	Action C-IS 4.3. Same as Alternative B.
Indian Trust Assets (ITAs)		
Goal: Continue to ensure that management actions will not negatively affect any tribal trust resources or assets by consulting with recognized tribal governments.		
Objective A-ITA 1. Continue to ensure that management actions will not negatively affect any tribal trust resources or assets by consulting with recognized tribal governments.	Objective B-ITA 1. Same as Alternative A.	Objective C-ITA 1. Same as Alternative A.
Action A-ITA 1.1. Early in the planning process, initiate consultation with federally recognized tribal governments concerning potential ITAs.	Action B-ITA 1.1. Same as Alternative A.	Action C-ITA 1.1. Same as Alternative A.
Action A-ITA 1.2. Initial contact with the federally recognized tribes would be government-to-government in a face-to-face meeting, if possible.	Action B-ITA 1.2. Same as Alternative A.	Action C-ITA 1.2. Same as Alternative A.
Action A-ITA 1.3. Coordinate with Reclamation's Native American Affairs Office and the Bureau of Indian Affairs to identify other federally recognized tribes outside the immediate area that may be interested or affected.	Action B-ITA 1.3. Same as Alternative A.	Action C-ITA 1.3. Same as Alternative A.
Land Use and Status		
Goal: Retain lands necessary for Project purposes and relinquish lands deemed unnecessary to ensure effective administration, protect Project facilities, and improve resource management.		
Objective A-L 1. Allow for use authorizations, such as rights-of-use, leases, and permits, while minimizing adverse impacts on Project facilities and other resources.	Objective B-L 1. Same as Alternative A.	Objective C-L 1. Same as Alternative A.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-L 1.1. Allow uses in compliance with directives and standards, Project purposes, and O&M requirements.	Action B-L 1.1. Same as Alternative A.	Action C-L 1.1. Same as Alternative A.
Action A-L 1.2. Monitor activities to ensure compliance with the use authorization terms.	Action B-L 1.2. Same as Alternative A.	Action C-L 1.2. Same as Alternative A.
Objective A-L 2. Document and manage lands associated with the Newlands Project to ensure Project functionality.	Objective B-L 2. Retain lands necessary for Project purposes and identify lands deemed unnecessary to Reclamation's mission to ensure effective administration, to protect Project facilities, and to improve resource management.	Objective C-L 2. Same as Alternative B.
Action A-L 2.1. Clarify and rectify land ownership status on lands within the Newlands Project.	Action B-L 2.1. Same as Alternative A.	Action C-L 2.1. Same as Alternative A.
Action A-L 2.2. Identify and map Project facilities.	Action B-L 2.2. Same as Alternative A.	Action C-L 2.2. Same as Alternative A.
Action A-L 2.3. Maintain current lands under Reclamation management.	Action B-L 2.3. Identify lands not necessary for Project purposes.	Action C-L 2.3. Explore options for title transfer to appropriate entities for conservation purposes.
Action A-L 2.3.1. No similar action.	Action B-L 2.3.1 Relinquish from withdrawal those withdrawn lands deemed to be not necessary for Project purposes.	Action C-L 2.3.1 Same as Alternative B.
Action A-L 2.3.2. No similar action.	Action B-L 2.3.2 Dispose of acquired lands deemed to be not necessary for Project purposes through the appropriate process.	Action C-L 2.3.2. Same as Alternative B.
Action A-L 2.3.3. No similar action.	Action B-L 2.3.3. Coordinate with other federal, state, county and tribal entities with interest in lands identified and not necessary for Project purposes.	Action C-L 2.3.3. Retain lands for preservation.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-L 2.4. No similar action.	Action B-L 2.4 Explore options for title transfer or joint use agreements with appropriate entities, of lands deemed either not needed for Project purposes or lands that may also be used for conservation purposes.	Action C-L 2.4. Same as Alternative B.
Objective A-L 3. Coordinate with local communities on development and land management.	Objective B-L 3. Same as Alternative A.	Objective C-L 3. Same as Alternative A.
Action A-L 3.1. No similar action.	Action B-L 3.1. Identify suitable locations for utility corridors.	Action C-L 3.1. Identify suitable locations for utility corridors, avoiding sensitive resources.
Action A-L 3.2. No similar action.	Action B-L 3.2. Identify suitable locations for recreation.	Action C-L 3.2. Same as Alternative B.
Action A-L 3.3. No similar action.	Action B-L 3.3. Provide clear direction to stakeholders regarding easements and rights-of-use on Reclamation-administered land.	Action C-L 3.3. Same as Alternative B.
Action A-L 3.4. No similar action.	Action B-L 3.4. Identify areas suitable for future development, growth, and open space needs.	Action C-L 3.4. Identify areas suitable for preservation and open space needs.
Action A-L 3.5. Designate exclusion and avoidance areas to avoid sensitive biological or cultural resources and hazardous areas.	Action B-L 3.5. Same as Alternative A.	Action C-L 3.5. Same as Alternative A.
Livestock Grazing		
Goal: Manage grazing in accordance with Reclamation's directives and standards.		
Objective A-LG 1. Manage livestock grazing in accordance with Reclamation directives and standards to ensure a healthy, sustainable rangeland system.	Objective B-LG 1. Same as Alternative A.	Objective C-LG 1. Eliminate grazing on Reclamation-administered land.
Action A-LG 1.1. No similar action.	Action B-LG 1.1. Develop and implement a Grazing Management Plan to ensure healthy sustainable	Action C-LG 1.1. Develop a plan to phase out

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
	rangeland systems.	grazing leases.
Action A-LG 1.2. No similar action.	Action B-LG 1.2. Review terms and conditions of leases to comply with Grazing Management Plan.	Action C-LG 1.2. Review terms and conditions of leases to comply with current grazing standards until the phase out of grazing is completed.
Action A-LG 1.3. Issue seasonal and annual grazing leases for a maximum of one year through a noncompetitive renewal process.	Action B-LG 1.3. Issue longer term grazing leases in accordance with Grazing Management Plan.	Action C-LG 1.3. Phase out grazing leases within two years.
Action A-LG 1.4. Continue issuing annual leases with existing fee structures.	Action B-LG 1.4. Implement use authorization fees in accordance with Grazing Management Plan.	Action C-LG 1.4. No similar action.
Action A-LG 1.5. No similar action.	Action B-LG 1.5. Identify lands that are not sustainable for a long-term grazing program (e.g., size, production, sensitive biological resources) as part of development of Grazing Management Plan.	Action C-LG 1.5. No similar action.
Action A-LG 1.6. Management would be a custodial type with no intensive management activities undertaken.	Action B-LG 1.6. Manage grazing in accordance with Grazing Management Plan.	Action C-LG 1.6. No similar action.
Action A-LG 1.7. Explore opportunities to partner with other government agencies for administration of grazing program on Reclamation-administered lands.	Action B-LG 1.7. Explore coordination and partnership with other government agencies in Grazing Management Plan.	Action C-LG 1.7. No similar action. Grazing would be phased out.
Objective A-LG 2. Ensure range improvements are compatible with directives and standards and Project purposes.	Objective B-LG 2. Use Grazing Management Plan to balance grazing with restoration of healthy balance in grazing areas.	Objective C-LG 2. Restore a healthy balance to previously grazed areas.
Action A-LG 2.1. No similar action.	Action B-LG 2.1. Inventory and manage existing range improvements and responsibilities through Grazing Management Plan.	Action C-LG 2.1. Remove rangeland improvements (e.g., corrals) where appropriate and where no longer needed.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-LG 2.2. No similar action.	Action B-LG 2.2. Maintain and authorize future range improvements (e.g., water developments and fencing) through the Grazing Management Plan.	Action C-LG 2.2. Identify degraded rangelands needing additional restoration.
Action A-LG 2.2.1. No similar action.	Action B-LG 2.2.1. No similar action.	Action C-LG 2.2.1. Revegetate and restore degraded rangelands.
Energy Development (excluding geothermal and oil and gas which are covered under Mineral Resources) Goal: Ensure energy development occurs only in areas and in a manner that would not adversely affect Project purposes, facilities, or sensitive resources.		
Objective A-ED 1. Not addressed in current management.	Objective B-ED 1. Close areas not appropriate for energy development.	Objective C-ED 1. Same as Alternative B.
Action A-ED 1.1. No similar action.	Action B-ED 1.1. Prohibit energy development near Newlands Project facilities as follows: <ul style="list-style-type: none"> • Within 500 feet on either side of the centerline of roads or highways within the leased area. • Within 200 feet on either side of the centerline of trails within the leased area. • Within 500 feet of the normal high-water line of live streams in the leased area. • Within 400 feet of recreation developments within the leased area. • Within 400 feet of any improvements owned, permitted, leased, or otherwise authorized by Reclamation within the leased area. • Within 200 feet of established cropfields, food plots, and tree/shrub plantings within the leased area. • Within 200 feet of slopes steeper than a 2:1 	Action C-ED 1.1. Prohibit energy development near Newlands Project facilities as follows: <ul style="list-style-type: none"> • Within 500 feet on either side of the centerline of roads or highways within the leased area. • Within 500 feet on either side of the centerline of trails within the leased area. • Within 500 feet of the normal high-water line of live streams in the leased area. • Within 500 feet of recreation developments within the leased area. • Within 500 feet of any improvements either owned, permitted, leased, or otherwise authorized Reclamation within the leased area. • Within 500 feet of established cropfields, food plots, and tree/shrub plantings within the leased area. • Within 200 feet of slopes steeper than a 2:1

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
	<p>gradient within the leased area.</p> <ul style="list-style-type: none"> • Within established rights-of-way of canals, laterals, and drainage ditches within the leased area. • Within a minimum of 500 feet horizontal from the centerline of the facility or 50 feet from the outside toe of the canal, lateral, or drain embankment, whichever distance is greater, for irrigation facilities without clearly marked rights-of-way within the leased area. 	<p>gradient within the leased area.</p> <ul style="list-style-type: none"> • Within 200 feet of established rights-of-way of canals, laterals, and drainage ditches within the leased area. • Within a minimum of 500 feet horizontal from the centerline of the facility or 50 feet from the outside toe of the canal, lateral, or drain embankment, whichever distance is greater, for irrigation facilities without clearly marked rights-of-way within the leased area.
<p>Action A-ED 1.2. No similar action.</p>	<p>Action B-ED 1.2. No occupancy of the surface would be allowed in the following areas. In addition, no directional drilling would be allowed that would intersect the subsurface zones delineated by a vertical plane in these areas.</p> <ul style="list-style-type: none"> • Within 1,000 feet of the maximum water surface, as defined in the SOP, of any reservoirs and related facilities within the leased area. • Within 2,000 feet of dam embankments and appurtenance structures, such as spillways and outlet works. • Within half a mile horizontal from the centerline of any tunnel within the leased area. 	<p>Action C-ED 1.2. No occupancy of the surface would be allowed in the following areas. In addition, no directional drilling would be allowed that would intersect the subsurface zones delineated by a vertical plane in these areas.</p> <ul style="list-style-type: none"> • Within 2,000 feet of the maximum water surface, as defined in the SOP, of any reservoirs and related facilities within the leased area. • Within 2,000 feet of dam embankments and appurtenance structures, such as spillways and outlet works. • Within half a mile horizontal from the centerline of any tunnel within the leased area.
<p>Action A-ED 1.3. No similar action.</p>	<p>Action B-ED 1.3. Increase coordination between Reclamation and other federal and state agencies with energy development authority to cooperatively evaluate energy development opportunities.</p>	<p>Action C-ED 1.3. Same as Alternative B.</p>
<p>Action A-ED 1.4. No similar action.</p>	<p>Action B-ED 1.4. Authorize energy projects (including small hydroelectric generators) in areas where energy development is appropriate only after</p>	<p>Action C-ED 1.4. Same as Alternative B.</p>

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
	coordination with other federal and state agencies, in accordance with existing laws, regulations, and policies.	
Fire Management Goal: Protect life and property, coordinate with adjacent management agencies, and protect cultural and natural resources that could be damaged by fire.		
Objective A-FM 1. Not addressed in current management.	Objective B-FM 1. Manage in accordance with Reclamation’s fire plan.	Objective C-FM 1. Same as Alternative B.
Action A-FM 1.1. No similar action.	Action B-FM 1.1. Authorized activities should identify fire prevention measures before implementation.	Action C-FM 1.1. Require fire prevention measures before authorization of activities.
Action A-FM 1.2. No similar action.	Action B-FM 1.2. Coordinate with local, state, and federal agencies to respond to wildland fires on Reclamation-administered lands.	Action C-FM 1.2. Same as Alternative B.
Action A-FM 1.3. No similar action.	Action B-FM 1.3. Coordinate with responding entities during the development of fire suppression plans. Coordination would include identifying cultural and natural resources to be protected or avoided.	Action C-FM 1.3. Same as Alternative B.
Action A-FM 1.4. No similar action.	Action B-FM 1.4. In areas of known archaeological resources, protect sensitive cultural resources in coordination with a cultural resource advisor during fire suppression.	Action C-FM 1.4. Same as Alternative B.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Transportation Access		
Goal: Manage roads and trails to provide access for Project and administrative purposes, while minimizing impacts.		
Objective A-TA 1. Not addressed in current management.	Objective B-TA 1. Reclamation would not provide exclusive public use of roads and trails, in accordance with 43 CFR, 429.31, and Reclamation D&S LND 08-01(3)(F).	Objective C-TA 1. Same as Alternative B.
Action A-TA 1.1. No similar action.	Action B-TA 1.1 Inventory roads.	Action C-TA 1.1 Same as Alternative B.
Action A-TA 1.2. No similar action.	Action B-TA 1.2. Identify roads necessary for Reclamation's mission and close unnecessary roads.	Action C-TA 1.2. Same as Alternative B.
Action A-TA 1.3. No similar action.	Action B-TA 1.3. Coordinate with counties and communities on proposed new roads and trails or changes to existing roads and trails and construction of new roads and trails on Reclamation-administered lands.	Action C-TA 1.3. Same as Alternative B.
Objective A-TA 2. Not addressed in current management.	Objective B-TA 2. Resolve issues concerning county roads on Reclamation-administered lands and easements.	Objective C-TA 2. Same as Alternative B.
Action A-TA 2.1. No similar action.	Action B-TA 2.1. Issue use authorizations to legalize county roads on Reclamation-administered lands.	Action C-TA 2.1. Close or restrict public access to county roads on Reclamation-administered lands.
Action A-TA 2.2. No similar action.	Action B-TA 2.2. Coordinate with the county to legalize county roads on Reclamation easements.	Action C-TA 2.2. Coordinate with the county to close or restrict public access to county roads on Reclamation easements.
Action A-TA 2.3. No similar action.	Action B-TA 2.3. Educate government agencies and the public on use of roads on Reclamation easements and lands.	Action C-TA 2.3. Same as Alternative B.
Objective A-TA 3. No similar objective.	Objective B-TA 3. Manage public access across	Objective C-TA 3. Exclude or restrict public access

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
	Reclamation easements and lands.	across Reclamation easements and lands.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-TA 3.1. No similar action.	Action B-TA 3.1. Educate government agencies and the public on use of access on Reclamation easements and lands.	Action C-TA 3.1. Same as Alternative B.
Action A-TA 3.2. Post signage on Reclamation easements.	Action B-TA 3.2. Same as Alternative A.	Action C-TA 3.2. Same as Alternative A.
Action A-TA 3.3. No similar action.	Action B-TA 3.3. Evaluate the need for gates at Reclamation easements.	Action C-TA 3.3. Establish gates at Reclamation easements.
Action A-TA 3.4. No similar action.	Action B-TA 3.4. Recommend areas for gate construction to protect Reclamation interests.	Action C-TA 3.4. Same as Alternative B.
Objective A-TA 4. Not addressed in current management.	Objective B-TA 4. Secure access for Reclamation across non-Reclamation-administered land for Project purposes.	Objective C-TA 4. Same as Alternative B.
Action A-TA 4.1. No similar action.	Action B-TA 4.1. Coordinate with adjacent landowners to secure access.	Action C-TA 4.1. Same as Alternative B.
Public Health and Safety		
Goal: Promote a healthy and safe environment for users and employees on Reclamation-administered lands.		
Objective A-PHS 1. Not addressed in current management.	Objective B-PHS 1. Coordinate with local, state, and other federal agencies to meet law enforcement needs.	Objective C-PHS 1. Same as Alternative B.
Action A-PHS 1.1. No similar action.	Action B-PHS 1.1. Develop plans and agreements with local, state, and federal law enforcement agencies.	Action C-PHS 1.1. Same as Alternative B.
Objective A-PHS 2. No similar objective.	Objective B-PHS 2. Identify potential hazard sites and prioritize for closure those sites that pose a risk.	Objective C-PHS 2. Same as Alternative B.
Action A-PHS 2.1. No similar action.	Action B-PHS 2.1. Identify sites with hazardous materials, solid waste, and other hazard sites.	Action C-PHS 2.1. Same as Alternative B.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-PHS 2.2. No similar action.	Action B-PHS 2.2. Rank physical hazard sites for corrective actions.	Action C-PHS 2.2. Same as Alternative B.
Action A-PHS 2.3. Maintain an inventory of hazardous sites.	Action B-PHS 2.3. Same as Alternative A.	Action C-PHS 2.3. Same as Alternative A.
Action A-PHS 2.4. No similar action.	Action B-PHS 2.4. Where necessary, ensure adequate closure of unsafe or potentially hazardous areas.	Action C-PHS 2.4. Same as Alternative B.
Objective A-PHS 3. Not addressed in current management.	Objective B-PHS 3. Consider public health and safety in ongoing management.	Objective C-PHS 3. Same as Alternative B.
Action A-PHS 3.1. No similar action.	Action B-PHS 3.1. Coordinate with other agencies regarding vector management strategies (e.g., mosquitoes) on Reclamation-administered land.	Action C-PHS 3.1. Same as Alternative B.
Action A-PHS 3.2. No similar action.	Action B-PHS 3.2. Project-specific safety plans are formulated by Reclamation or its agent for individual projects. In these plans, project personnel will identify precautionary measures to prevent accidents from common recurring hazards or unsafe conditions.	Action C-PHS 3.2. Same as Alternative B.
Illegal Activities		
Goal: Deter and reduce illegal activities on Reclamation-administered lands.		
Objective A-IA 1. Deter and reduce illegal activities on Reclamation-administered lands.	Objective B-IA 1. Same as Alternative A.	Objective C-IA 1. Same as Alternative A.
Action A-IA 1.1. Maintain current level of law enforcement on Reclamation-administered lands.	Action B-IA 1.1. Increase law enforcement on Reclamation-administered lands.	Action C-IA 1.1. Same as Alternative B.
Action A-IA 1.2. Identify and monitor areas prone to illegal activities.	Action B-IA 1.2. Increase monitoring for illegal activities on Reclamation-administered lands.	Action C-IA 1.2. Same as Alternative B.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-IA 1.3. Eliminate and prevent illegal concessions on Reclamation-administered lands.	Action B-IA 1.3. Same as Alternative A.	Action C-IA 1.3. Same as Alternative A.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-IA 1.4. Develop a plan to reduce illegal activities on Reclamation-administered lands.	Action B-IA 1.4. Same as Alternative A.	Action C-IA 1.4. Same as Alternative A.
Action A-IA 1.5. Coordinate with law enforcement to identify and control illegal dumping, squatting, trespassing, and other activities.	Action B-IA 1.5. Same as Alternative A.	Action: IA 1.5. Same as Alternative A.
Action A-IA 1.6. Continue to collaborate with the Churchill County Desert Coalition to educate, clean up, and prevent illegal dumping.	Action B-IA 1.6. Same as Alternative A.	Action C-IA 1.6. Same as Alternative A.
Action A-IA 1.7. Prevent unpermitted modifications of Project features for local and private use through increased coordination with TCID.	Action B-IA 1.7. Same as Alternative A.	Action C-IA 1.7. Same as Alternative A.
Action A-IA 1.8. Continue to enforce regulations related to trespass onto, or the unauthorized use of, the land under Reclamation's jurisdiction. Benefit to the public as a whole resulting from nonexclusive uses of federal lands is the primary management emphasis.	Action B-IA 1.8. Same as Alternative A.	Action C-IA 1.8. Same as Alternative A.
Action A-IA 1.9. Continue to enforce Reclamation's ORV policy and regulation, which states that all Reclamation-administered lands are closed to ORVs, except for those areas specifically designated for such use (43 CFR, 420).	Action B-IA 1.9. Same as Alternative A.	Action C-IA 1.9. Close all Reclamation-administered lands to ORVs.
Action A-IA 1.10. Continue to implement a program of public information, education, and contact (e.g., through signs, pamphlets, maps, and public notices). Inform neighboring landowners and appropriate local, state, and federal agencies of changes to the boundaries of Reclamation-managed lands.	Action B-IA 1.10. Pursue cooperation aimed at preventing unauthorized use and trespass by continuing to implement a program of public information, education, and contact (e.g., through signs, pamphlets, maps, and public notices). Inform neighboring landowners and appropriate local, state, and federal agencies of changes to the boundaries of Reclamation-managed lands.	Action C-IA 1.10. Same as Alternative B.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Objective A-IA 2. Not addressed in current management.	Objective B-IA 2. Reduce vandalism and inappropriate use.	Objective C-IA 2. Same as Alternative B.
Action A-IA 2.1. No similar action.	Action B-IA 2.1. Clarify and streamline process for the public to follow when requesting a permit for use of Reclamation-administered lands and facilities.	Action C-IA 2.1. Same as Alternative B.
Action A-IA 2.2. No similar action.	Action B-IA 2.2. Increase public awareness of the ethics of responsible land and resource use.	Action C-IA 2.2. Same as Alternative B.
Recreation		
Goal: Manage recreation on Reclamation-administered lands consistent with natural and cultural resource management objectives.		
Objective A-R 1. Not addressed in current management.	Objective B-R 1. Manage recreation on Reclamation-administered lands consistent with Newlands Project purposes.	Objective C-R 1. Manage recreation on Reclamation-administered lands consistent with natural and cultural resource management objectives.
Action A-R 1.1 Not addressed in current management.	Action B-R 1.1 Identify areas appropriate for recreation use based on Newlands Project facility needs, public interest and protection of natural and cultural resources.	Action C-R 1.1 Identify areas appropriate for recreation use based on the protection of natural and cultural resources.
Action A-R 1.2. Prohibit ORV operation, unless authorized under a special use permit.	Action B-R 1.2. Confine all public vehicles to appropriate roadways and continue to prohibit ORV operation, unless authorized by Reclamation and its managing partner.	Action C-R 1.2. Confine all public vehicles to appropriate roadways and prohibit ORV operation.
Action A-R 1.3. Allow hunting in compliance with Reclamation policy and federal, state, and local laws. 43 CFR 423.32 "Sec. 423.32 Hunting, fishing, and trapping. (a) You may hunt, fish, and trap in accordance with applicable Federal, state, and local laws, and subject to the restrictions of Sec. 423.30, in areas where both of the following conditions are met: (1) The area is not closed to	Action B-R 1.3. Same as Alternative A.	Action C-R 1.3. Same as Alternative A

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
public use under subpart B of this part 423; and (2) The area has not been otherwise designated by an authorized official in a special use area under subpart E of this part 423. (b) You must comply with any additional restrictions pertaining to hunting, fishing, and trapping established by an authorized official in a special use area under subpart E of this part 423.”		
Action A-R 1.4. Recreation is prohibited within a designated zone surrounding Reclamation facilities (known as the Reclamation Zone) for safety reasons.	Action B-R 1.4. Same as Alternative A.	Action C-R 1.4. Same as Alternative A.
Action A-R 1.5. Identify and resolve conflicts between recreation areas and the Reclamation Zone.	Action B-R 1.5. Same as Alternative A.	Action C-R 1.5. Same as Alternative A.
Action A-R 1.6. Not addressed in current management.	Action B-R 1.6. Post signs/buoys prohibiting entry into the Reclamation Zone.	Action C-R 1.6. Same as Alternative B.
Objective A-R 2. No similar objective. Develop and maintain partnerships with other agencies for management of recreational facilities.	Objective B-R 2. Same as Alternative A	Objective C-R 2. Same as Alternative A.
Action A-R 2.1. Coordinate recreation management with State Parks at Lahontan Reservoir.	Action B-R 2.1. Same as Alternative A.	Action C-R 2.1. Same as Alternative A.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-R 2.2. Coordinate recreation management with NDOW at Fernley Wildlife Management Area and Carson Lake Pasture (CLP) until such time title transfer of CLP to the State of Nevada is completed.	Action B-R 2.2. Same as Alternative A.	Action C-R 2.2. Same as Alternative A.
Objective A-R 3. Eliminate future and bring into compliance with existing regulations unauthorized Exclusive Use activities	Objective B-R 3. Same as Alternative A	Objective C-R 3. Same as Alternative A.
Action A-R 3.1. No similar action.	Action B-R 3.1. Issue consignment agreements and/or remove all improvements. Pursue trespassers under civil and criminal authorities.	Action C-R 3.1. Same as Alternative B.
Socioeconomic and Environmental Justice Goal: While meeting Reclamation's obligations and goals, provide opportunities that would result in economic benefits to the community.		
Objective A-SE 1. Consider effects of decisions on local economies.	Objective B-SE 1. Same as Alternative A.	Objective C-SE 1. Balance Social and Economic values with protection of resources
Action A-SE 1.1. Consider socioeconomic impacts in NEPA evaluations of individual projects.	Action B-SE 1.1. Same as Alternative A.	Action C-SE 1.1. Consider socioeconomic impacts as one resource in NEPA evaluations of individual projects.
Objective A-SE 2. Consider effects of decisions on minority and low-income populations.	Objective B-SE 2. Same as Alternative A.	Objective C-SE 2. Same as Alternative A.
Action A-SE 2.1. Comply with EO 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations.	Action B-SE 2.1. Same as Alternative A.	Action C-SE 2.1. Same as Alternative A.
Action A-SE 2.2. Consider environmental justice impacts in NEPA evaluations of individual projects.	Action B-SE 2.2. Same as Alternative A.	Action C-SE 2.2. Same as Alternative A.

Alternative A (No Action)	Alternative B (Proposed RMP)	Alternative C (Conservation)
Action A-SE 2.3.3. No similar action.	Action B-SE 2.3.3. Identify any disproportionately high and adverse human health and environmental effects on low-income and minority populations.	Action C-SE 2.3.3. Same as Alternative B.
Action A-SE 2.3.4. No similar action.	Action B-SE 2.3.4. Mitigate disproportionately high and adverse human health and environmental effects on low-income and minority populations.	Action C-SE 2.3.4. Same as Alternative B.