CCSD R&PP Lease Renewal for N-75729-01

A. Background

As the population in the city of Las Vegas continues to grow, the need for more schools and educational facilities are needed in the valley. Recently there has been a large growth of residential development in the southwest area of Las Vegas. Schools are needed to serve the growing population of school aged children located within the area. The available elementary, middle, and high schools that service the area south of Blue Diamond Road and west I-15 exceeds capacity. Clark County's approval of current and future master planned communities, and new subdivision tracts, will continue to produce a need for additional elementary, middle, and high schools in the area. The Clark County School District (CCSD) has requested the renewal of Recreation and Public Purposes (R&PP) lease N-75729-01 in order to begin construction of a new team elementary school.

BLM Office:

Bureau of Land Management
Las Vegas Field Office
4701 N. Torrey Pines Drive
Las Vegas, Nevada 89130

LLNVS0100000

Lease/Serial/Case File No.: N-75729-01

Proposed Action Title/Type: Renewal of an R&PP Lease for a Team Elementary School.

Location of Proposed Action:

LOCATION AND LEGAL DESCRIPTION:

Located in the southwest Las Vegas valley, at the cross streets of South El Capitan Way and West LeBaron Avenue in a currently undisturbed area.

Mount Diablo Meridian, Nevada
T. 22 S., R. 60 E.,
Sec. 29, S½NW¼NW¼NE¼, SW¼NW¼NE¼, SW¼NE¼NW¼NE¼, W½SE¼NW¼NE¼, NW¼NE¼SW¼NE¼, and N½NW¼SW¼NE¼.

Description of Proposed Action: CCSD has requested to renew existing R&PP lease N-75729-01 which expired August 16, 2014, in order to construct a new team elementary school. All work will be completed within the existing lease area and will be fenced with tortoise fencing during construction. The new disturbance associated with this is approximately 30 acres. No hazardous materials will be used or transported across the R&PP lease.

B. Land Use Plan Conformance

Land Use Plan Name: Las Vegas Resource Management Plan and Final Environmental Impact Statement (RMP), and the Record of Decision for the Approved Las Vegas Resource Management Plan and Final Environmental Impact Statement.

Date Approved/Amended: RMP dated October 5, 1998.

The proposed action is in conformance with the applicable RMP because it is clearly consistent with the following LUP decision(s):,

Lands Management. Objective: Land Disposal Areas: LD-1. "Approximately 175,314 acres of public lands within the disposal areas identified on Map 2–3 are potentially available for disposal through sale, exchange, or Recreation and Public Purposes patent to provide for the orderly expansion and development of southern Nevada."

Lands Management. Objective: Land Use Authorizations: LD-2. "All public lands within the planning area, unless otherwise classified, segregated or withdrawn, and with the exception of Areas of Critical Environmental Concern and Wilderness Study Areas, are available at the discretion of the agency, for land use leases and permits under Section 302 of Federal Land and Management Policy Act and for airport leases under the authority of the Act of May 24, 1928, as amended."

C. Compliance with NEPA:

The Proposed Action is categorically excluded from further documentation under the National Environmental Policy Act (NEPA) in accordance with 516 DM 11.9, NEPA Handbook, Appendix 4 E. (9): "Renewals and assignments of leases, permits, or rights-of-way where no additional rights are conveyed beyond those granted by the original authorizations."

The area was analyzed for R&PP lease N-75729, in EA: NV-050-2003-232.

This categorical exclusion is appropriate in this situation because there are no extraordinary circumstances potentially having effects that may significantly affect the environment. The proposed action has been reviewed, and none of the extraordinary circumstances described in 516 DM 2 apply.

I have reviewed the plan conformance statement and have determined that the proposed action is in conformance with the approved LUP and that no further environmental analysis is required.

D. Approval and Contact Information

Vanessa L. Hice
Assistant Field Manager, Division of Lands

4/22/15
Date

Contact Person

Kerri-Anne Thorpe, Realty Specialist
Las Vegas Field Office
4701 N. Torrey Pines Drive
Las Vegas, Nevada 89130
Phone: 702-515-5000

The Threatened Desert Tortoise

Life History

The desert tortoise is the largest reptile and the only wild land tortoise found in the southwestern United States. The tortoise occurs in southern Nevada, western Arizona, southeastern California, and northwestern Mexico. Desert tortoises are typically found in creosote bush, cactus and shad scale scrub, and Joshua tree woodland habitats below 5000' elevation.

Tortoise populations are patchily distributed and densities range from a few per square mile to 200 per square mile. A tortoise will live in the same general area of less than one square mile during its lifespan of 50 to 100 years. This slow-moving desert reptile ranges in size from 2 to 15 inches long and is soil colored. Because of their color and shape, tortoises can be very difficult to see.

There are several clues that can be used to tell male and female tortoises apart. However, only tortoises greater than seven inches long can be sexed reliably. Males tend to be larger than females, have a longer tail, have longer upward curving gular horns, have larger chin glands, and have a concave plastron (bottom portion of shell).

Tortoises are well adapted to their desert environment and spend up to 98% of their time in burrows they dig. Burrows are crescent shaped and are most often found at the base of desert shrubs or in wash banks. A tortoise may excavate and use many burrows during the year. Some burrows are used for only a short period of time and others may be used for several years. Some researchers believe that some winter dens on the Beaver Dam Slope in Utah may be 5000 years old. Many mammals, birds, reptiles, and invertebrates utilize tortoise burrows. Burrows and tortoises are most often found on valley floors and slopes, but they may also be found on the less precipitous slopes and ridges of desert mountain ranges.

Besides burrows, and remains; another method that biologists use to determine if tortoises exist in an area is the presence of scat (feces). Fresh scat is dark brown or black, but turns gray as it weathers. Scat length varies, from one half to four inches, depending on the size of the tortoise. Scats usually contain coarse plant fibers.

Tortoises are inactive from mid November until February. The activity period for desert tortoises is from March until late October when they usually spend part of each day above ground. Tortoises are especially active during warm days when it is overcast or raining, when they seek water that collects in natural depressions or in depressions the tortoises dig themselves. Available drinking water is essential to tortoise survival. The diet of tortoises, which are vegetarians, includes a wide variety of herbs, grasses, cacti, and flowers. Since droughts are common in the desert that tortoises inhabit, they rely on the erratic years of good rainfall and the ensuing growth of palatable plants.

Sexual maturity for tortoises occurs at 15-20 years of age. Breeding occurs in March and April and egg laying is from May to July. Nests are almost always located at the entrance of burrows. Clutches 1 to 14 eggs and a mature female may lay 0 to 3 clutches annually. The eggs are covered with soil and hatch after 80 to 130 days in August or September.

Predators are usually only a problem for young tortoises. Predation is the greatest cause of mortality for hatchlings. Eggs are eaten by Gila monsters, foxes, coyotes, snakes, and badgers. The shell of juvenile tortoises does not harden for five or more years and young tortoises may fall prey to ravens, hawks, eagles, coyotes, foxes, bobcats, badgers, skunks, and feral dogs and cats. Up to 200 young tortoise carcasses have been found under raven perches and nests. While successful predation on adults is rare; coyotes, foxes, bobcats, eagles, and feral dogs have been known to prey on adult tortoises. Habitat quality can affect predation in certain habitats.

Research

The Bureau of Land Management will be actively involved ongoing research projects that are addressing various aspects of tortoise management and physiology. Research is being conducted on disease, livestock grazing, predator-prey relationships, genetics, tortoise translocation/relocation, and habitat restoration.

Legal Status

The desert tortoise (*Gopherus agassizii*) in the Mojave Desert was federally listed under the Endangered Species Act of 1973 as a threatened species on April 2, 1990. The tortoise was listed because of direct losses and threats to tortoise populations and habitat. Desert tortoises are directly impacted by increased raven predation on juveniles, collection by humans, vandalism, losses on roads and to off-highway vehicle (OHV) activities, and Upper Respiratory Tract Disease (URTD). Tortoise habitat is lost directly to urbanization, agriculture, road construction, military activities, and other uses. OHV use, rights-of-way, and grazing degrade habitat. All of these activities fragment tortoise habitat, which may reduce a tortoise population below the level necessary to maintain a minimum viable population.

The U.S. Endangered Species Act makes it illegal to harass, collect, or harm tortoises and provides for penalties of up **to $50,000 in fines and one year in prison for each count.** State laws and Fish and Game Codes also afford protection to the desert tortoise.

BLM

Southern Nevada District

Legal Status continued..

The Endangered Species Act allows for individuals of and endangered or threatened species to be taken incidentally to an otherwise lawful activity; as long as the conditions of the Fish and Wildlife Service's (Service) Biological Opinion are followed. "Take" includes harassing, harming, pursuing, hunting, shooting, wounding, killing, trapping, capturing or collecting, or attempting to engage in any such conduct. Harm includes significant habitat modification or degradation that impacts a listed species by interfering with breeding, feeding, or sheltering behavior. The threatened listing of the desert tortoise occurred because of widespread habitat destruction and degradation, illegal collection, disease, raven predation, and other factors.

Tortoises in captivity prior to the initial listing of August 4, 1989 are no protected by the Act. If you are interested in having a pet tortoise, you may obtain one from an adoption group or from someone that has acquired their pet legally and gifted them to you. Tortoises can offer a unique alternative to more traditional family pets but please do not turn them loose or allow your tortoises to breed.

Tortoise Handling

Handle all tortoise carefully and only if authorized to do so! Tortoises can be injured and can die from improper handling. Do not approach tortoises unless absolutely necessary, as your presence can induce stress in the animal. When you must approach a tortoise, move slowly and approach from the rear of the animal. Pick up the tortoise gently and keep it level at all times. When handling large tortoises, grasp the animal with both hands, one at each side of the animal. When moving tortoises longer distances, a plastic tote or cardboard box should be used. Containers should be thoroughly cleaned between tortoises or only used for one tortoise. All personnel handling tortoises will wear surgical type gloves to inhibit the transmission of diseases among tortoises. Not more than one tortoise can be handled

Remember to always check under your vehicles!!

Southern Nevada District

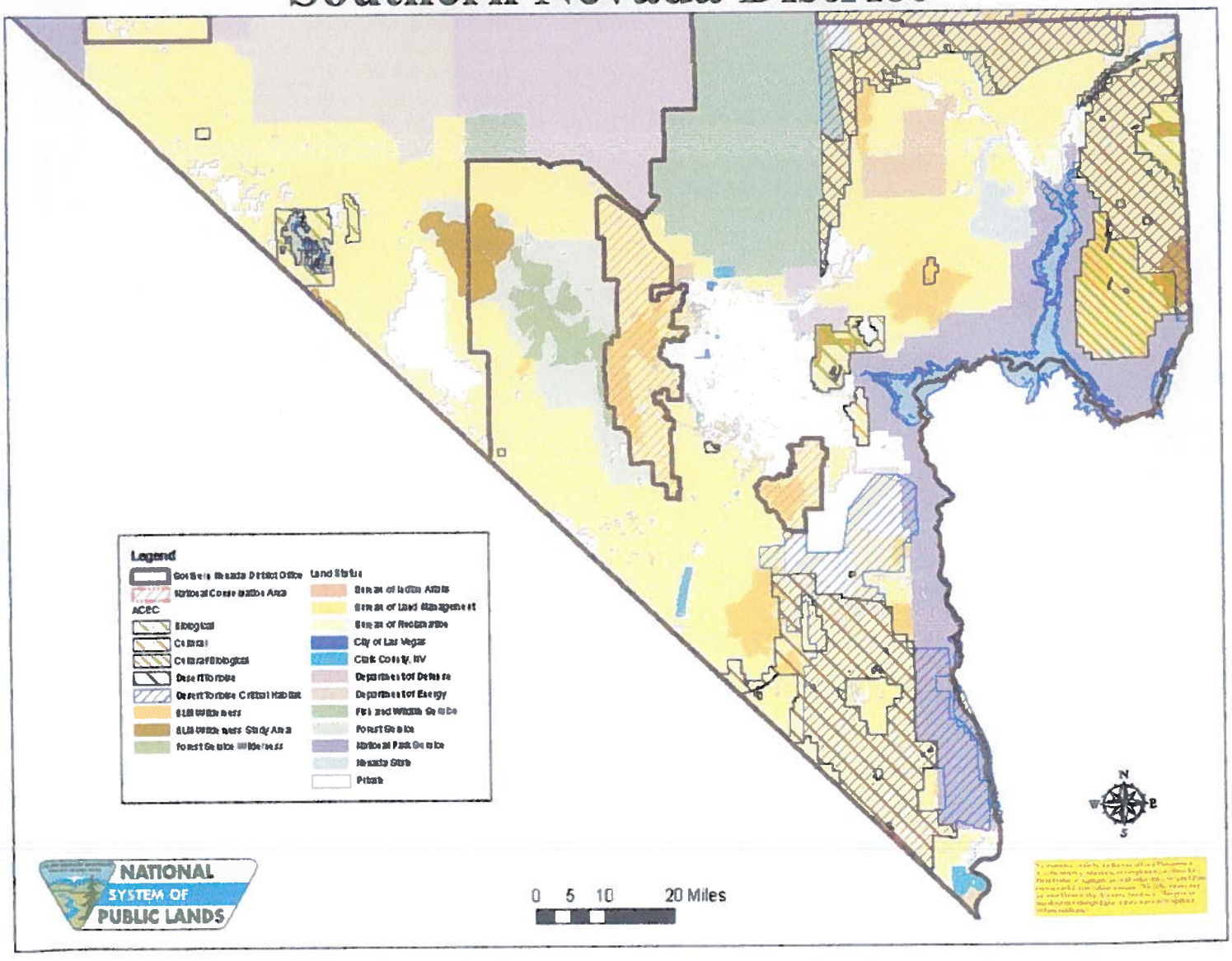


Exhibit A
Stipulations for N-75729-01

1.0 Provisions of Title VI of the Civil Rights Act of 1964.

1.1. The lessee or any successor in interest shall comply with and shall not violate any of the terms or provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 241) and requirements of the regulations, as modified or amended, of the Secretary of the Interior issued pursuant thereto (43 CFR 17) for the period that the land conveyed herein is used for the purpose for which the lease was made pursuant to the act cited or for another purpose involving the provision of similar services or benefits.

1.2. If the lessee or any successor in interest does not comply with the terms or provisions of Title VI of the Civil Rights Act of 1964 and the requirements imposed by the Secretary of the Interior issued pursuant to that title during the period which the land described herein is used for the purpose for which the lease was made pursuant to the act cited or for another purpose involving the provision of similar services or benefits, said Secretary or his delegate may declare the terms of this lease terminated in whole or in part.

1.3. The lessee, by acceptance of this patent, agrees for itself and its successors in interest that a declaration of termination in whole or in part of this lease shall, at the option of the Secretary or his delegate, operate to revest in the United States full title to the land involved in the declaration.

1.4. The United States shall have the right to seek judicial enforcement of the requirements of Title VI of the Civil Rights Act of 1964 and the terms and conditions of the regulations, as modified or amended, of the Secretary of the Interior issued pursuant to said Title VI, in the event of their violation by the lessee or any successor in interest.

1.5. The lessee or any successor in interest will, upon request of the Secretary of the Interior or his delegate, post and maintain on the property conveyed by this document signs and posters bearing a legend concerning the applicability of Title VI of the Civil Rights Act of 1964 to the property conveyed.

1.6. The reservations, conditions, and limitations contained in paragraphs (1) through (5) shall constitute a covenant running with the land, binding on the lessee and his (its) successors in interest for the period for which the land described herein is used for the purpose for which this lease was made, or for another purpose involving the provision of similar services or benefits.

1.7. The assurances and covenant required by sections (1) through (6) above shall not apply to ultimate beneficiaries under the program for which this lease is made; "Ultimate beneficiaries" are identified in 43 CFR 17.12(h).

2.0 Special Stipulations

2.1. The Holder shall notify the Bureau of Land Management (BLM), Wildlife Biologist staff, at 702-515-5000 of their construction schedule at least 10 days before initiation of the project. Failure to abide by the terms and conditions of the grant and Biological Opinion, could result in temporary suspension of all activities within your right-of-way area per 43 CFR 2807.16 and 43 CFR 2807.17.

2.2. Should a tortoise be killed, injured, handled, or penned, you will need to have an Authorized Desert Tortoise Biologist complete Appendix E (see attached Terms and Conditions for Biological Opinion). Please forward Appendix E to the BLM, Attn: Wildlife Biologist, 4701 N. Torrey Pines Drive, Las Vegas, Nevada 89130. Failure to abide by the terms and conditions of the grant and Biological Opinion, could result in temporary suspension of all activities within your ROW area per 43 CFR 2807.16 and 43 CFR 2807.17.

2.3. The Holder must complete and return Appendix G (see attached Terms and Conditions for Biological Opinion) herein annually and/or upon completion of construction of the project. Please forward Appendix G to the BLM, Attn: Wildlife Biologist, 4701 N. Torrey Pines Drive, Las Vegas, Nevada 89130. Failure to abide by the terms and conditions of the grant and Biological Opinion, could result in temporary suspension of all activities within your ROW area per 43 CFR 2807.16 and 43 CFR 2807.17.

2.4. The Holder must abide by monitoring, maintenance, and reporting requirements per the Biological Opinion. Failure to abide by the terms and conditions of the grant and Biological Opinion, could result in temporary suspension of all activities within your ROW area per 43 CFR 2807.16 and 43 CFR 2807.17.

3.0 General Stipulations

3.1. The lease is issued subject to all valid existing rights.

3.2. The lease shall be maintained in a sanitary condition at all times. Waste materials at those sites shall be disposed of promptly at an approved waste disposal site. "Waste", as used in this paragraph, shall mean all discarded matter of any kind.

3.3. Lessee shall mark the exterior boundaries of the lease with stake and/or lath at 100 to 200 foot intervals. The intervals may be varied at the time of staking at the discretion of the Authorized Officer. The tops of the stakes and/or laths will be painted and the laths flagged in a distinctive color as determined by the Lessee. Lessee shall maintain all boundary stakes and/or laths in place until final cleanup and restoration is completed.

3.4. Lessee shall conduct all activities associated with construction, operation, maintenance and termination of this lease within its authorized limits.

3.5. Lessee shall maintain the lease in a safe, useable condition, as directed by the Authorized Officer. A regular maintenance program shall include, but is not limited to, soil stabilization.

3.6. Lessee shall, during construction of the facility, provide a prominent sign stating: *This facility is being constructed on public land provided in support of the community by the Department*

of the Interior, Bureau of Land Management, Southern Nevada District Office. Logos can be provided.

3.7. Lessee shall, upon completion of construction of the facility, either immediately within or immediately adjacent to the main entrance, provide a prominent permanent plaque stating: *This facility is located on public land provided in support of the community by the Department of the Interior, Bureau of Land Management, Southern Nevada District Office.* Logos can be provided.

3.8. Lessee shall maintain copy of the authorization along with stipulations on construction site at all times.

3.9. Pursuant to 43 CFR 2912.1-1(c) leases shall be terminable by the authorized officer upon failure of the lessee to comply with the terms of the lease, upon a finding, after notice and opportunity for hearing, that all or part of the land is being devoted to a use other than the use authorized by the lease, or upon a finding that the land has not been used by the lessee for the purposes specified in the lease for any consecutive period specified by the authorized officer. The specified period of non-use or unauthorized use shall not be less than 2 years nor more than 5 years.

3.10. Mineral material generated, and not needed for the development of the proposed action within the lease site, requires a specific BLM use authorization in accordance with regulations 43 CFR 3600, prior to removal of the excess mineral material. Proponent should call 702-515-5000 to obtain authorization, before removal of the excess material. Any necessary excavation that produces mineral materials within the lease area must be used within the lease or stockpiled on site for sale by the BLM.

3.11. Within 90 days of construction completion, the Lessee shall provide the Authorized Officer with data in a format compatible with the Bureau's Arc-Info Geographic Information System to accurately locate and identify the lease:

Acceptable data formats are:
Corrected Global Positioning System files with sub-meter accuracy or better, in UTM NAD 83; Zone 11;
ARCGIS export files on a CD ROM, shapefile, geodatabase.

Data may be submitted in any of the following formats:
ARCGIS interchange, shapefile or geodatabase format.
CD ROM in compressed or uncompressed format.

All data shall include metadata for each coverage, and conform to the Content Standards for Digital Geospatial Metadata Federal Geographic Data Committee standards. Contact the GIS Department at (702) 515-5000.

4.0 Air Quality

4.1. The Lessee shall not violate applicable air standards or related facility siting standards established by or pursuant to applicable federal, state, or local laws or regulations. The Lessee shall be responsible for dust abatement within the limits of the right-of-way and is

responsible for obtaining all necessary permits from appropriate authorities for acceptable dust abatement and control methods (e.g., water, chemicals). The Lessee shall be solely responsible for all violations of any air quality permit, law or regulation, as a result of its action, inaction, use or occupancy of the lease.

Notwithstanding whether a violation of any air quality permit, law or regulation results, the Lessee will cooperate with the Authorized Officer in implementing and maintaining reasonable and appropriate dust control methods in conformance with law and appropriate to the circumstances at the sole cost of the Lessee.

Prior to relinquishment, abandonment, or termination of this lease, the Lessee shall apply reasonable and appropriate dust abatement and control measures to all disturbed areas. The abatement and measures shall be designed to be effective over the long-term (e.g., rock mulch or other means) and acceptable to the Authorized Officer.

4.2. During excavation, backfilling, and contouring, the disturbed soil should be wetted sufficiently in order to effectively reduce airborne dust and reduce soil erosion.

4.3. Ensure dust control permit is obtained for all soil disturbing activity for 0.25 acres or greater in the aggregate and ensure stipulations are in compliance for the duration of the activity.

5.0 Cultural

5.1. Any cultural and/or paleontological resources (historic or prehistoric site or object) discovered by the Lessee, or any person working on his behalf on public or Federal lands shall be immediately reported to the Authorized Officer. Lessee shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery will be made by the Authorized Officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The Lessee will be responsible for the cost of evaluation. Any decision regarding suitable mitigation measures will be made by the Authorized Officer after consulting with the Lessee. Lessee shall be responsible for the resultant mitigation costs.

6.0 Fuels/Fire Management

6.1. Compliance with fire restrictions current at time of project implementation will mitigate any risks introduced by the proposed actions. Specific, noncompliant activities may be waived on a case by case basis by a line officer after review and approval by the Fire Management Officer.

7.0 Hazardous Material/Pesticides/Liability

7.1. No hazardous material, substance, or hazardous waste, (as these terms are defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. 9601, *et seq.*, or the Resource Conservation and Recovery Act, 42 U.S.C. 6901, *et seq.*) shall be used, produced, transported, released, disposed of, or stored within the right-of-way area at any time by the Lessee. The Lessee shall immediately report any release of hazardous substances (leaks, spills, etc.) caused by the Lessee or third parties in excess of the reportable quantity as required by federal, state, or local laws and regulations. A copy of any

report required or requested by any federal, state or local government agency as a result of a reportable release or spill of any hazardous substances shall be furnished to the Authorized Officer concurrent with the filing of the reports to the involved federal, state or local government agency.

The Lessee shall immediately notify the Authorized Officer of any release of hazardous substances, toxic substances, or hazardous waste on or near the lease potentially affecting the lease of which the Lessee is aware.

As required by law, Lessee shall have responsibility for and shall take all action(s) necessary to fully remediate and address the hazardous substance(s) on or emanating from the lease.

7.2. Use of pesticides shall comply with the applicable Federal and state laws. Pesticides shall be used only in accordance with their registered uses and within limitations imposed by the Secretary of the Interior. Prior to the use of pesticides, the Lessee shall obtain from the Authorized Officer written approval of a plan showing the type and quantity of material to be used, pest(s) to be controlled, method of application, location of storage and disposal of containers and any other information deemed necessary by the Authorized Officer.

7.3. The Lessee shall comply with all applicable local, state, and federal air, water, hazardous substance, solid waste, or other environmental laws and regulations, existing or hereafter enacted or promulgated. To the full extent permissible by law, the Lessee agrees to indemnify and hold harmless, within the limits, if any, established by state law (as state law exists on the effective date of the right-of-way), the United States against any liability arising from the Lessee's use or occupancy of the lease, regardless of whether the Lessee has actually developed or caused development to occur on the lease, from the time of the issuance of this lease to the Lessee, and during the term of this lease. This agreement to indemnify and hold harmless the United States against any liability shall apply without regard to whether the liability is caused by the Lessee, its agents, contractors, or third parties. If the liability is caused by third parties, the Lessee will pursue legal remedies against such third parties as if the Lessee were the fee owner of the lease.

7.4. Notwithstanding any limits to the Lessee's ability to indemnify and hold harmless the United States which may exist under state law, the Lessee agrees to bear all responsibility (financial or other) for any and all liability or responsibility of any kind or nature assessed against the United States arising from the Lessee's use or occupancy of the lease regardless of whether the Lessee has actually developed or caused development to occur on the lease from the time of the issuance of this lease to the Lessee and during the term of this lease.

8.0 Survey Monuments

8.1. Lessee shall protect all survey monuments found within the authorization area. Survey monuments include, but are not limited to, General Land Office and Bureau of Land Management Cadastral Survey Corners, reference corners, witness points, U.S. Coast and Geodetic Survey benchmarks and triangulation stations, military control monuments, and recognizable civil (both public and private) survey monuments. If any of the above are to be disturbed during operations, the lessee shall secure the services of a Professional Land Surveyor or Bureau cadastral surveyor to perpetuate the disturbed monuments and references using surveying procedures found in the Manual of Instructions for the Survey of the Public

Lands of the United States and Nevada Revised Statutes, Chapter 329, Perpetuation of Corners. The lessee shall record such survey in the appropriate county and send a copy to the authorized officer. If the Bureau cadastral surveyors or other Federal surveyors are used to restore the disturbed survey monuments, the lessee shall be responsible for the survey cost.

9.0 Vegetation/Noxious Weeds/Land surface Treatment/Soil/Water/Woodland/Forestry

9.1. Woodland/Forestry: Cactus and yucca present within impact areas should be used for landscaping within the project design. If that is not practical, cactus and yucca must be salvaged using SNDO guidelines by a qualified contractor with at least three years experience salvaging plants in the Mojave or Sonoran deserts. Salvaged plants should be translocated to the BLM cactus and yucca stockpile at Ann Road. If the salvage occurs between March 30th and September 30th, the proponent will need to water the plants during salvage and monthly until October 1st.

9.2. Noxious Weeds: The proposed project is located next to Las Vegas Blvd. and within the disposal boundary. Construction workers are likely to use existing roads to access the project site thereby minimizing the spread of invasive and/or noxious weeds, therefore no significant impacts are expected. To prevent the transport of invasive and/or noxious weeds to areas adjacent to the Transit Terminal building, check vehicles and equipment prior to leaving the site. In addition, actions that occur within the Southern Nevada District are required to follow all stipulations and mitigation measures for weed control standards as listed in the LVFO Noxious Weed Plan. The LVFO weed control measures are listed below:

1. The project proponent shall limit the size of any vegetation and/or ground disturbance to the absolute minimum necessary to perform the activity safely and as designed. The project proponent will avoid creating soil conditions that promote weed germination and establishment.

2. The project proponent shall begin project operations in weed free areas whenever feasible before operating in weed-infested areas.

3. The project proponent shall locate equipment storage, machine and vehicle parking or any other area needed for the temporary placement of people, machinery and supplies in areas that are relatively weed-free. The project proponent shall avoid or minimize all types of travel through weed-infested areas or restrict major activities to periods of time when the spread of seed or plant parts are least likely.

4. BLM or the project proponent shall determine equipment-cleaning sites (if equipment is infested with weed seeds, plant parts or mud and dirt). If the site area is infested with weeds, project related equipment and machinery (this includes the nooks and crannies of undercarriages) will be cleaned using compressed air or water to remove mud, dirt and plant parts before moving into and from relatively weed-free areas. Seeds and plant parts will be collected, bagged and deposited in dumpsters destined for local landfills, when practical.

5. Participants shall inspect, remove, and dispose of weed seed and plant parts found on their clothing and personal equipment, bag the product and dispose of in a dumpster for deposit in local landfills.

6. The project proponent shall evaluate options, including area closures, to regulate the flow of traffic on sites where native vegetation needs to be established.

9.3. Land surface treatment for areas previously disturbed: Following excavation, trenches will be backfilled with the excavated soil. The soil will be distributed and contoured evenly over the surface of the disturbed area. The soil surface will be left rough to help reduce potential wind erosion.

9.4. Land surface treatment for areas previously undisturbed: Strip the top three to six inches of soil material with associated plant material over all surfaces to be disturbed by construction. Stockpile this material along the course of construction (inside the lease area). Perform trench backfilling and compaction. Replace the stockpiled soil with plant debris uniformly back on the surface of the disturbed area. If cactus and yucca are present, they need to be salvaged and transplanted out of harm's way but still within the right of way.

9.5. Soil/Water/Riparian: If work is to occur in Ephemeral channels, need to consult with Army Corp of Engineers (ACOE) and Nevada Department of Environmental Protection (NDEP), to determine whether or not a section 404 permit is required. If drilling boreholes, lessee needs to follow Nevada Administrative Code (NAC) protocols for drilling. Lessee will need to utilize best management practices (BMP's) to reduce impacts to soils and erosion.

10.0 **Lease/Conveyance**

10.1. The Lessee may request a patent after development in accordance with the approved Plan of Development has been completed, or substantial development has occurred indicating that the project will be completed in its entirety.

10.2. The lease is issued subject to all valid existing rights. Patent to the Federal Lands within the lease area, if issued, shall be subject to all valid existing rights at the time of patent, including authorizations leased by the United States, under the terms and conditions in existence at the time of patent. Subject to limitations prescribed by law and regulation, prior to patent issuance, a Lessee of any lease within the Federal lands may be given the opportunity to amend the lease for conversion to a new term, if applicable, or to an easement. The lease is subject to all valid existing rights, including the following rights-of-way:

1) Right-of-way Nev-059100 for an aerial power-line granted to Valley Electric Association, and its assigns.

2) Right-of-way Nev-065524 for an aerial power-line granted to WAPA, and its assigns.

3) Right-of-way N-58888 for an aerial distribution line granted to NV Power Co., and its assigns.

4) Right-of-way N-75246 for a paved road, drainage, public utilities and related appurtenances granted to Clark County, and its assigns.

5) Right-of-way N-77084 for an underground water pipelines granted to Clark County, and its assigns.

6) Right-of-way N-77199 for an underground sewer line granted to Clark County Water Reclamation District, and its assigns.

7) Right-of-way N-77507 for an underground water pipelines granted to Las Vegas Valley Water District, and its assigns.

8) Right-of-way N-77554 for a telephone line granted to Central Telephone dba CenturyLink, and its assigns.

9) Right-of-way N-77555 for underground fiber optic facilities granted to Cox Communications, and its assigns.

10) Right-of-way N-77845 for a transmission line granted to NV Power Co., and its assigns.

11) Right-of-way N-77953 for an underground natural gas pipe-line granted to Southwest Gas Corporation, and its assigns.

12) Right-of-way N-90056 for fiber optic facilities granted to Nevada Hospital Association, and its assigns.

11.0 Wildlife

11.1. Wildlife species in the general area include mammals, birds, reptiles, and invertebrates. Additionally, the BLM is directed to conserve special status species through BLM Special Status Species Manual 6840. The BLM maintains a comprehensive list of species that have risks associated with a downward population trend and/or have specialized habitats that maybe at risk. Wildlife, including BLM sensitive species, maybe displaced as 16 acres of lands are disturbed within the project area. The primary direct impacts of the proposed action on wildlife would be killing or maiming of ground dwelling animals during construction, operation, and/or maintenance activities, displacement of individuals, the permanent loss and fragmentation of habitat, and increased potential for harassment of wildlife. Indirect impacts may include noise, increased erosion, and spread of weeds by the construction, operation, and/or maintenance activities. Wildlife species in the general area are common and widely distributed throughout the area and the loss of some individuals and/or their habitat should have a negligible impact on population of the species range wide. Impacts to BLM Sensitive Species are not anticipated to lead to further decline of the species range wide. Many impacts to BLM sensitive species would be minimized through project specific tortoise stipulations.

12.0 Migratory Birds

The proponent must comply with the MBTA and avoid potential impacts to protected birds within the project area, and habitat-altering projects should be scheduled outside the bird breeding season, which generally occurs from February 15th through August 31st. If a project has to occur during the breeding season, then a qualified biologist must survey the area for nests immediately prior to commencement of construction activities. This shall include burrowing and ground nesting species in addition to those nesting in vegetation. If any active nests are found, an appropriately-sized buffer area must be established and maintained until the young birds fledge. This buffer must connect to other suitable undisturbed habitat. As the above dates are a general guideline, if active nests are observed outside this range, they are to be avoided as described above.

13.0 **Visual Resources**

13.1. The proposed action is in VRM Class IV, which allows for high levels of change to the existing landscape. Change may dominate the view of the casual observer. Since the proposed action is adjacent to existing developments, it is not expected to dominate the view of the casual observer. Please ensure that change repeats the basic elements of form, line, color, and texture found in the natural landscape to the extent practical.

14.0 **Threatened and Endangered Species**

14.1. Section 7 Consultation for this project is covered under the Programmatic Biological Opinion (84320-2010-F-0365.R003) contingent on compliance with the terms and conditions. The project proposes to disturb 16 acres of tortoise habitat. No remuneration fees are required because the proponent paid fees in 2004.

14.2. The holder shall abide by the terms and conditions of the Biological Opinion for the Las Vegas Valley, File Number 84320-2010-F-0365.R003, on file at the Bureau of Land Management, Las Vegas Field Office, Nevada, and as shown below:

Case Number: **N-75729-01**
NEPA Project #: **DOI-BLM-NV-S010-2015-0050-CX**
Sec. 7 Log #: **NV-052-15-098**

TERMS AND CONDITIONS for ROWs: BO File No. 84320-2010-F-0365.R003

In order to be exempt from the prohibitions of section 9 of the Act, the Bureau must comply with the following terms and conditions and minimization measures, which implement the reasonable and prudent measures described above. These terms and conditions are non-discretionary.

RPM 1: **Applies towards lands and realty, ROWs, and mining actions and other activities that involve vehicle and equipment use, excavations, or blasting.** *BLM, and other jurisdictional Federal agencies as appropriate, shall implement or ensure implementation of measures to minimize injury or mortality of desert tortoises due to project construction, operation and maintenance; and most actions involving habitat disturbance.*

Terms and Conditions:

1.a. *Field Contact Representative*—BLM shall ensure a Field Contact Representative (FCR) (also called a Compliance Inspection Contractor) is generally designated for each contiguous stretch of construction activity for linear projects or isolated work areas for non-linear projects. The FCR will serve as an agent of BLM and the Service to ensure that all instances of non-compliance or incidental take are reported. BLM has discretion over approval of potential FCRs; however, those who also may be acting as authorized desert tortoise biologists, and must also be approved by the Service (see Term and Condition 1.c). All FCRs will report **directly** to BLM and the Service.

The FCR, authorized desert tortoise biologist, and monitors (see Term and Condition 1.c.) shall have a copy of all stipulations when work is being conducted on the site and

will be responsible for overseeing compliance with terms and conditions of the ROW grant, including those for listed species. BLM shall ensure the FCR and authorized desert tortoise biologists have authority to halt any activity that is in violation of the stipulations. The FCR shall be on site year-round during all project activities.

Within 3 days of employment or assignment, the project proponent and BLM shall provide the Service with the names of the FCR.

1.b. *Authorized desert tortoise biologist*— **This project will require an authorized desert tortoise biologist to present a tortoise education program to workers, conduct desert tortoise clearance surveys, and to be on call to relocate any desert tortoises that enter the work area per Terms and Conditions provided.**

All authorized desert tortoise biologists (and monitors) are agents of BLM and the Service and shall report directed to BLM and the proponent concurrently regarding all compliance issues and take of desert tortoises; this includes all draft and final reports of non-compliance or take. The initial draft report shall be provided to BLM and Service within 24 hours of the observation of take or non-compliance.

An authorized desert tortoise biologist will be assigned to each piece/group of large equipment engaged in activities that may result in take of desert tortoise (*e.g.*, clearing, blasting, grading, lowering in pipe, hydrostatic testing, backfilling, recontouring, and reclamation activities) and other work areas that pose a risk to tortoises. BLM may use their discretion to require a monitor instead of an authorized desert tortoise biologist to monitor equipment that is low risk to tortoises.

1. c. Authorized desert tortoise biologists, monitors, and the FCR (see Term and Condition 1.a.) shall be responsible for ensuring compliance with all conservation measures for the project. This responsibility includes: (1) enforcing the litter-control program; (2) ensuring that desert tortoise habitat disturbance is restricted to authorized areas; (3) ensuring that all equipment and materials are stored within the boundaries of the construction zone or within the boundaries of previously-disturbed areas or designated areas; (4) ensuring that all vehicles associated with construction activities remain within the proposed construction zones; (5) ensuring that no tortoises are underneath project vehicles and equipment prior to use or movement; (6) ensuring that all monitors (including the authorized desert tortoise biologist) have a copy of the required measures in their possession, have read them, and they are readily available to the monitor when on the project site.

An authorized desert tortoise biologist will serve as a mentor to train desert tortoise monitors and will approve monitors if required. An authorized desert tortoise biologist is responsible for errors committed by desert tortoise monitors.

An authorized desert tortoise biologist shall record each observation of desert tortoise handled in the tortoise monitoring reports. Information will include the following:

location (GPS), date and time of observation, whether the desert tortoise was handled, general health and whether it voided its bladder, location desert tortoise was moved from and location moved to, unique physical characteristics of each tortoise, and effectiveness and compliance with the desert tortoise protection measures. This information will be provided **directly** to BLM and the Service.

An authorized desert tortoise biologist should possess a bachelor's degree in biology, ecology, wildlife biology, herpetology, or closely related field. The biologist must have demonstrated prior field experience using accepted resource agency techniques. As a guideline, Service approval of an authorized biologist requires that the applicant have at least 60 days project experience as a desert tortoise monitor. In addition, the biologist shall have the ability to recognize and accurately record survey results and must be familiar with the terms and conditions of the biological opinion that resulted from project-level consultation between BLM and the Service. All tortoise biologists shall be familiar with the field manual (Service 2009).

Potential authorized desert tortoise biologists must submit their statement of qualifications to the Service's Nevada Fish and Wildlife Office in Las Vegas for approval, allowing a minimum of 30 days for Service response. The statement form is available on the internet at:
http://www.fws.gov/nevada/desert_tortoise/auth_dt_form.htm.

Prior to final approval to begin work on the project, the authorized desert tortoise biologists will have read the required measures (terms and conditions and other stipulations) and have a copy of the measures available at all times while on the project site. BLM shall provide the appropriate agency contact for the project to the Service and the Service will include the forms with approval letters. Biologists and monitors should be visibly identifiable on the project site, which may include use of a uniquely designated hardhat or safety vest color.

1. d. *Desert tortoise monitor*—Desert tortoise monitors assist an authorized desert tortoise biologist during surveys and serve as apprentices to acquire experience. Desert tortoise monitors ensure proper implementation of protective measures, and record and report desert tortoises and sign observations in accordance with Term and Condition 1.c. They will report incidents of noncompliance to the authorized desert tortoise biologist or FCR. No monitors shall be on the project site unless supervised by an authorized desert tortoise biologist or approved by the BLM.

If a desert tortoise is immediately in harm's way (*e.g.*, certain to immediately be crushed by equipment), desert tortoise monitors may move the desert tortoise then place it in a designated safe area until an authorized desert tortoise biologist assumes care of the animal.

Desert tortoise monitors may not conduct field or clearance surveys or other specialized duties of an authorized desert tortoise biologist unless directly supervised by an

authorized desert tortoise biologist or approved to do so by the Service; "directly supervised" means an authorized desert tortoise biologist has direct sight and voice contact with the desert tortoise monitor (*i.e.,* within approximately 200 ft of each other).

Within 3 days of employment or assignment, the project proponent and BLM shall provide the Service with the names of desert tortoise monitors who would assist an authorized desert tortoise biologist.

1.e. ***Desert tortoise education program*—Required for this project.** A desert tortoise education program shall be presented to all personnel on site during construction activities by an agency or authorized desert tortoise biologist. The Service, BLM, and appropriate state agencies shall approve the program. At a minimum, the program shall cover desert-specific Leave-No-Trace guidelines, the distribution of desert tortoises, general behavior and ecology of this species, sensitivity to human activities, threats including introduction of exotic plants and animals, legal protection (the definition of "take" will also be explained), penalties for violation of State and Federal laws, reporting requirements, and project measures in this biological opinion. All field workers shall be instructed that activities must be confined to locations within the approved areas and their obligation to walk around and check underneath and vehicles and equipment before moving them (or be cleared by an authorized desert tortoise biologist). Workers and project associates will be encouraged to carpool to and from the project sites.In addition, the program shall include fire prevention measures to be implemented by employees during project activities. The program shall instruct participants to report all observations of desert tortoise and their sign during construction activities to the FCR and authorized desert tortoise biologist.

1.f. *Vehicle travel*— Project personnel shall exercise vigilance when commuting to the project area to minimize risk for inadvertent injury or mortality of all wildlife species encountered on paved and unpaved roads leading to and from the project site. Speed limits will be clearly marked, and all workers will be made aware of these limits. On-site, personnel shall carpool to the greatest extent possible.

During the desert tortoise less-active season (generally November through February), vehicle speed on project-related access roads and in the work area will not exceed 25 mph. All vehicles and construction equipment will be tightly grouped.

During the more-active season (generally March through October), and if temperatures are above 60 but below 95 °F for more than 7 consecutive days, vehicle speed on project-related access roads and in the work area will not exceed 15 mph. All vehicles and construction equipment will operate in groups of no more than three vehicles.

New access and spur road locations will be sited to avoid potentially active tortoise burrows to the maximum extent practicable.

1.g. *Unauthorized access*—BLM shall ensure that unauthorized personnel, including the public and off-duty project personnel, do not travel on project-related temporary access

roads, to the greatest extent practicable.

During the more-active season (generally March through October), and if temperatures are above 60 but below 95 °F for more than 7 consecutive days, project- and non-project-related activities on all access roads that intersect the ROW will be monitored and logged. During construction, the ROW will be fenced at public roads that intersect the ROW. Signs will say that access on the ROW is strictly prohibited except by authorized personnel and that violators will be prosecuted.

1.h. ***Desert tortoise clearance*—required for this project.**

Prior to surface-disturbing activities, authorized desert tortoise biologists potentially assisted by desert tortoise monitors, shall conduct a clearance survey to locate and remove all desert tortoises from harm's way including areas to be disturbed using techniques that provide full coverage of all areas (Service 2009). During the more-active season, clearance surveys will be conducted either the day prior to, or the day of, any surface-disturbing activity. During the less-active season, clearance surveys will be conducted within 7 days prior to any surface-disturbing activity. No surface-disturbing activities shall begin until two consecutive surveys yield no individuals.

An authorized biologist shall excavate all burrows that have characteristics of potentially containing desert tortoises in the area to be disturbed with the goal of locating and removing all desert tortoises and desert tortoise eggs. During clearance surveys, all handling of desert tortoises and their eggs and excavation of burrows shall be conducted solely by an authorized desert tortoise biologist in accordance with the most current Service-approved guidance (currently Service 2009). If any tortoise active nests are encountered, the Service must be contacted immediately, prior to removal of any tortoises or eggs from those burrows, to determine the most appropriate course of action. Unoccupied burrows shall be collapsed or blocked to prevent desert tortoise entry. Outside construction work areas, all potential desert tortoise burrows and pallets within 50 ft of the edge of the construction work area shall be flagged. If the burrow is occupied by a desert tortoise during the less-active season, the tortoise shall be temporarily penned (see Term and Condition 1.k.). No stakes or flagging shall be placed on the berm or in the opening of a desert tortoise burrow. Desert tortoise burrows shall not be marked in a manner that facilitates poaching. Avoidance flagging shall be designed to be easily distinguished from access route or other flagging, and shall be designed in consultation with experienced construction personnel and authorized biologists. All flagging shall be removed following construction activities.

An authorized desert tortoise biologist will inspect areas to be backfilled immediately prior to backfilling.

1.i. *Desert tortoise in harm's way*—Any project-related activity that may endanger a desert tortoise shall cease if a desert tortoise is found on the project site. Project activities may resume after an authorized desert tortoise biologist or desert tortoise monitor (see

restrictions in Term and Condition 1.d.) removes the desert tortoise from danger or after the desert tortoise has moved to a safe area on its own.

During the more-active season and if temperatures are above 60 but below 95 °F for more than 7 consecutive days, at least 1 monitor shall be assigned to observe spoil piles prior to excavation and covering.

1.j. *Handling of desert tortoises*—Desert tortoises shall only be moved by an authorized desert tortoise biologist or desert tortoise monitor (see restrictions in Term and Condition 1.d.) solely for the purpose of moving the tortoises out of harm's way. During construction, operation, and maintenance, an authorized desert tortoise biologist shall pen, capture, handle, and relocate desert tortoises from harm's way as appropriate and in accordance with the most current Service-approved guidance. No tortoise shall be handled by more than one person. Each tortoise handled will be given a unique number, photographed, and the biologist will record all relevant data on the Desert Tortoise Handling and Take Report (Appendix E) to be provided to BLM in accordance with the project reporting requirements.

Desert tortoises that occur aboveground and need to be moved from harm's way shall be placed in the shade of a shrub, 150 to 1,640 ft from the point of encounter. In situations where desert tortoises must be moved more than 1,640 ft (500 m), translocation procedures may be required. Translocation would likely result in a level of effect to the desert tortoise that would require the appended procedures.

If desert tortoises need to be moved at a time of day when ambient temperatures could harm them (less than 40 ° F or greater than 95° F), they shall be held overnight in a clean cardboard box. These desert tortoises shall be kept in the care of an authorized biologist under appropriate controlled temperatures and released the following day when temperatures are favorable. All cardboard boxes shall be discarded after one use and never hold more than one tortoise. If any tortoise active nests are encountered, the Service must be contacted immediately, prior to removal of any tortoises or eggs from those burrows, to determine the most appropriate course of action.

Desert tortoises located in the project area sheltering in a burrow during the less-active season may be temporarily penned in accordance with Term and Condition 1.k. at the discretion of an authorized desert tortoise biologist. Desert tortoises should not be penned in areas of moderate to heavy public use, rather they should be moved from harm's way in accordance with the most current Service-approved guidance (currently Service 2009).

Desert tortoises shall be handled in accordance with the Desert Tortoise Field Manual (Service 2009). Equipment or materials that contact desert tortoises (including shirts and pants) shall be sterilized, disposed of, or changed before contacting another tortoise to prevent the spread of disease. All tortoises shall be handled using disposable surgical gloves and the gloves shall be disposed of after handling each tortoise. An authorized

desert tortoise biologist shall document each tortoise handling by completing the Desert Tortoise Handling and Take Report (Appendix E).

1.k. *Penning*—Not required for this project.

1.l. *Temporary tortoise-proof fencing*—Not required for this project.

1.m. *Permanent tortoise-proof fencing*—Not required for this project.

1.n. *Wildlife escape ramps*—Not required for this project.

1.o. *Dust control*—Water applied to for dust control shall not be allowed to pool outside desert-tortoise fenced areas, as this can attract desert tortoises. Similarly, leaks on water trucks and water tanks will be repaired to prevent pooling water. An authorized desert tortoise biologist will be assigned to patrol each area being watered immediately after the water is applied and at approximate 60-minute intervals until the ground is no longer wet enough to attract tortoises if conditions favor tortoise activity.

1.p. *Blasting*—Not applicable for the proposed action.

1.q. *Power transmission projects*—Not applicable for the proposed action.

1.r. *Timing of construction*—The BLM shall ensure that when possible, the project proponent schedules and conducts construction, operation, and maintenance activities within desert tortoise habitat during the less-active season (generally October 31 to March 1) and during periods of reduced desert tortoise activity (typically when ambient temperatures are less than 60 or greater than 95 °F).

All vehicles and equipment that are not in areas enclosed by desert tortoise exclusion fencing will stop activities in desert tortoise habitat during rainfall events in the more-active season (generally March 1 to October 31), and if temperatures are above 60 but below 95 °F for more than 7 consecutive days. The Field Contact Representative (FCR) or designee will determine, in coordination with the BLM and Service, when it is appropriate for project activities to continue.

RPM 2: **Predator Control— Applies to all actions.** *BLM, and other jurisdictional Federal agencies as appropriate, shall ensure their agency personnel, the project proponent, and their contractors implement the following measures to minimize injury to desert tortoises as a result of predators drawn to the project area from construction, operation, and minor maintenance activities:*

Terms and Conditions:

2.a. *Litter control, applies to all projects*—A litter control program shall be implemented to reduce the attractiveness of the area to opportunistic predators such as desert kit foxes, coyotes, and common ravens. Trash and food items will be disposed of properly in predator-proof containers with predator-proof lids. Trash containers will be emptied and

construction waste will be removed daily from the project area and disposed of in an approved landfill. Vehicles hauling trash to the landfill or transfer facility must be secured to prevent litter from blowing out along the road.

2.b. *Deterrence*—The project proponent will implement measures to discourage the presence of predators on site (coyotes, ravens, etc.), including elimination of available water sources, designing structures to discourage potential nest sites, and use of hazing to discourage raven presence.

2.c. *Monitoring and predator control*—Not applicable for the proposed action.

2.d. *Evaporation ponds and open water sources*—Not applicable for the proposed action.

RPM 3: **Impacts to Desert Tortoise Habitat—Applies towards all actions that involve habitat impacts.** *BLM, and other jurisdictional Federal agencies as appropriate, shall ensure their agency personnel, the project proponent, and their contractors implement the following measures to minimize loss and long-term degradation and fragmentation of desert tortoise habitat, such as soil compaction, erosion, crushed vegetation, and introduction of weeds or contaminants from construction, operation, and minor maintenance activities:*

Terms and Conditions:

3.a. *Habitat protection plans*— Not applicable for the proposed action.

3.b. *Restoration plan*—Not applicable for the proposed action.

3.c. *Minimizing new disturbance*— Cross-country travel outside designated areas shall be prohibited. All equipment, vehicles, and construction materials shall be restricted to the designated areas and new disturbance will be restricted to the minimum necessary to complete the task (*e.g.*, such as construction of one-lane access roads with passing turnouts every mile rather than a wider two-lane road).

3.d. *Weed prevention*—Vehicles and equipment shall be cleaned with a high pressure washer prior to arrival in desert tortoise habitat and prior to departure from areas of known invasive weed and nonnative grass infestations to prevent or at least minimize the introduction or spread these species.

3.e. *Chemical spills*—Hazardous and toxic materials such as fuels, solvents, lubricants, and acids used during construction will be controlled to prevent accidental spills. Any leak or accidental release of hazardous and toxic materials will be stopped immediately and cleaned up at the time of occurrence. Contaminated soils will be removed and disposed at an approved landfill site.

3.f. ***Residual impacts from disturbance*—No remuneration fees are required as proponent paid fees in 2004.**

RMP 7: **Compliance and Reporting—Applies towards all actions.** *BLM, and other jurisdictional Federal agencies as appropriate, shall ensure their agency personnel, the project proponent, and their contractors implement the following measures to comply with the reasonable and prudent measures, terms and conditions, reporting requirements, and reinitiation requirements contained in this biological opinion:*

Terms and Conditions:

7.a. *Desert tortoise deaths*—The deaths and injuries of desert tortoises shall be investigated as thoroughly as possible to determine the cause. The Service (702/515-5230), BLM wildlife staff (702/515-5000) and appropriate state wildlife agency must be verbally informed immediately and within 5 business days in writing (electronic mail is sufficient). The Authorized Desert Tortoise Biologist shall complete the Desert Tortoise Handling and Take Report (Appendix E).

7.b. *Non-compliance*—Any incident occurring during project activities that was considered by the FCR, authorized desert tortoise biologist, or biological monitor to be in non-compliance with this biological opinion shall be immediately documented by an authorized desert tortoise biologist. Documentation shall include photos, GPS coordinates, and details on the circumstances of the event. The incident will be included in the annual report and post-project report.

7.c. *Fence inspection*—Fencing is not required for this project.

7.d. ***Project reporting requirements***— Project proponents will provide BLM with compliance reports. Quarter (non-appended actions), annual, and comprehensive final project reports will be submitted to BLM and the Service's Nevada Fish and Wildlife Office in Las Vegas. Annual reports are required for all appended actions (except those completed and provided in a prior annual report). Annual reports will cover the calendar year and are due April 1st of the following year (*e.g.*, the annual report for calendar year 2013 is due April 1, 2014). Quarterly reports for non-appended actions are due 15 calendar days following the quarter. Final project reports are due within 60 days following completion of the project or each phase of the project.

The Programmatic Biological Opinion Report to the Fish and Wildlife Service (Appendix G) will be used for quarterly, annual, and final project reports, and shall include all Desert Tortoise Handling and Take Reports (Appendix E). If available, GIS shape files will be included.

7.e. *Operation and maintenance*—Not required for this project.

7.f. *Restoration monitoring*—Not required for this project.

8: **Minimization Measures**

8.a. ***The project applicant shall notify BLM wildlife staff at 702-515-5000 at least 10 days before initiation of the project.*** Notification shall occur before any activities begin that

will damage or remove vegetation, such as off-road vehicle travel for surveys, soil testing, and clearing vegetation off the project site. The purpose of the notification is to ensure that the proper education program is given and to review expectations for compliance with the terms and conditions of the biological opinion.

8.b. Overnight parking and storage of equipment and materials, including stockpiling, shall be in previously disturbed areas or areas cleared by a tortoise biologist. If not possible, areas for overnight parking and storage of equipment shall be designated by the tortoise biologist in coordination with BLM and project proponent, which will minimize habitat disturbance.

8.c. Within desert tortoise habitat, any construction pipe, culvert, or similar structure with a diameter greater than 3 inches stored less than 8 inches above the ground will be inspected for tortoises before the material is moved, buried, or capped.

8.d. Trenches: Not applicable to the proposed action.

8.e. Ravens and other avian tortoise predators: All towers and poles will be fitted with "bird-be-gone" or other perch deterrent devices to minimize the potential for increased predation from aerial predators following construction.

8.f. Vehicles: All project/event-related individuals shall check underneath stationary vehicles before moving them. Tortoises often take cover under vehicles. All vehicle use will be restricted to existing roads. New access roads will be created only when absolutely necessary and only when approved by BLM. Workers shall not drive or park vehicles where catalytic converters can ignite dry vegetation and to exhibit care when smoking in natural areas. Fire protective mats or shields shall be used during grinding or welding.

APPENDIX E. DESERT TORTOISE HANDLING AND TAKE REPORT

If a desert tortoise is killed or injured, immediately contact the U.S. Fish and Wildlife Service and BLM, by phone at the numbers below and complete Section 1 of the form.

Completed forms should be submitted to the BLM and Fish and Wildlife Service:

Bureau of Land Management
4701 North Torrey Pines Drive
Las Vegas, Nevada 89130
702-515-5000

U.S. Fish and Wildlife Service
4701 North Torrey Pines Drive
Las Vegas, Nevada 89130
702-515-5230

Project Name: R&PP Lease Renewal CCSD NEPA No.: DOI-BLM-NV-S010-2015-0050-CX Case File No./SRP No.: N-75729-01 BLM Section 7 log no.: NV-052-15-098	Report Date:
Fish and Wildlife Service Append File No.- n/a	
Authorized Desert Tortoise Biologist: _____ Employed by:	
Section 1: Complete all information below if a desert tortoise is injured or killed in addition to initial contact described above.	
If tortoise was injured ☐ or killed ☐ heck appropriate box):	
Date and time found: _____ Found by: _____ GPS location (NAD 83): easting: _____ northing: _____ No. of photos taken: _____ Disposition: _____ _____ _____ _____ Attach report with photos that describe in detail, the circumstances and potential cause of injury or mortality. For injuries include name of veterinarian and detailed assessment of injuries.	

Section 2: Complete all information below for each desert tortoise handled.

All instances of desert tortoise handling must be reported in this section and be included in the quarterly, annual, and final project reports.

Desert tortoise number: _____

Date and time found: _____ Sex of tortoise: _____

Air temperature when found: _____ Air temperature when released: _____

Tortoise activity when found: _____

Handled by: _____ Approx. carapace length _____

GPS location (NAD 83) found: easting: _____ northing: _____

GPS location released: easting: _____ northing: _____

Approximate distance moved: _____

Did tortoise void bladder; if so state approximate volume and actions taken:

_____

_____

_____

Post handling or movement monitoring and observations:

_____

_____

_____

_____

Section 3: Complete for each tortoise burrow penned.

All instances of desert tortoise penning must be reported in this section and be included in the quarterly, annual, and final project reports.

Date and time of pen construction:

Began: _____ Completed: _____

Date and time pen removed: _____

Pen constructed by: _____

Why was tortoise penned? _____

How frequently was pen monitored? _____

Observations of desert tortoise behavior including time and date of observation:

_____

_____

_____

_____

_____

Include photos of pen and burrow with report.

APPENDIX G. PROGRAMMATIC BIOLOGICAL OPINION (FILE NO. 84320-2010-F-0365) REPORT TO THE FISH AND WILDLIFE SERVICE

The information below should be completed by BLM or the Authorized Desert Tortoise Biologist for the project/action. Reports for all appended actions are required annually (due March 1 of each year for prior calendar year activities) and upon completion of the project/action.

Project Name: R&PP Lease Renewal CCSD
NEPA no.: DOI-BLM-NV-S010-2015-0050-CX
Case File no./SRP no.: N-75729-01
BLM Section 7 log no.: NV-052-15-098

☐ Annual Report ☐ Project Completion Report

1. Date: _____

2. Fish and Wildlife Service File No (for appended actions): n/a

3. Species and critical habitat affected:

☒ Desert tortoise ☐ Desert tortoise critical habitat

Other (identify):

4. Project/action status:

☐ Not begun ☐ In progress* ☐ Completed date _____

If in progress, state approximate percent complete: _____

5. Desert tortoise habitat disturbed:

Non-critical habitat		**Critical habitat**	
Proposed disturbance (ac)	Actual disturbance (ac)	Proposed disturbance (ac)	Actual disturbance (ac)
16.0		0	

6. Habitat of other species disturbed (identify species, non-critical, and critical habitat affected below):

7. Summary of individual desert tortoises taken (appended action):

	Desert Tortoise:		
	Adults	**Juveniles**	**Eggs**
Exempted			
Actual			

Describe other individuals taken:

8. Name of authorized desert tortoise biologists and monitors on the project and the dates they were on the project.

9. Describe all non-compliance issues and events.

10. Desert tortoise burrow observed during activity/event:

Total number desert tortoises observed: _____

Total number desert tortoises burrows observed: _____

Attach a summary report detailing each desert tortoise and/or desert tortoise burrows observed during activity/event including tortoise activity when found, how the animal was avoided, what happened to the tortoise, the date and time encountered and GPS location (NAD 83 easting: _____ northing: _____)

11. Contact Information

Name_____ Company_____

Address_____

Phone_____

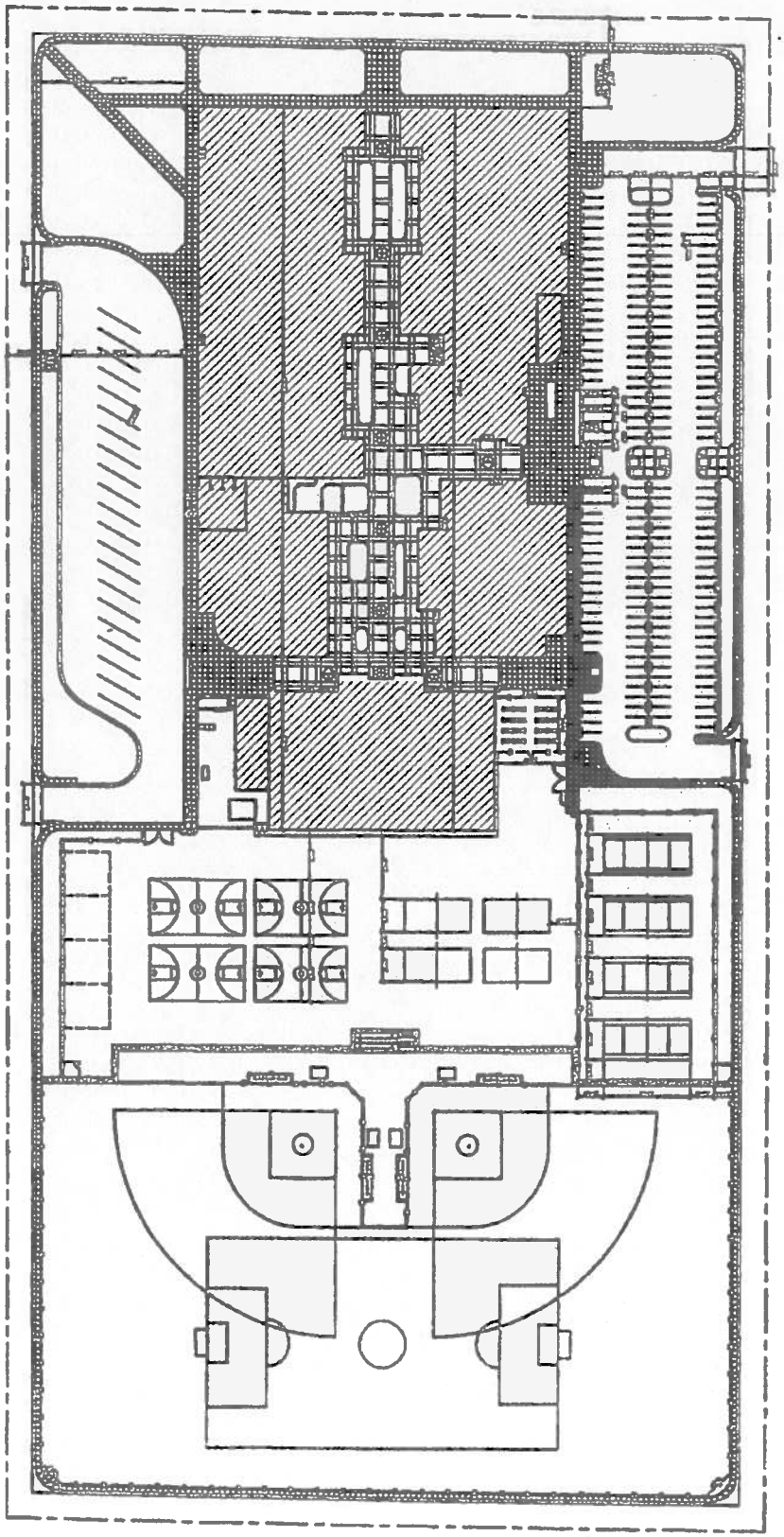
Signature_____ Date_____

Send completed form to:

Bureau of Land Management
Attn: Wildlife Staff
4701 North Torrey Pines Drive
Las Vegas, Nevada 89130
702-515-5000

U.S. Fish and Wildlife Service
4701 North Torrey Pines Drive
Las Vegas, Nevada 89130
702-515-5230

Exhibit B
Site Location – N-75729-01



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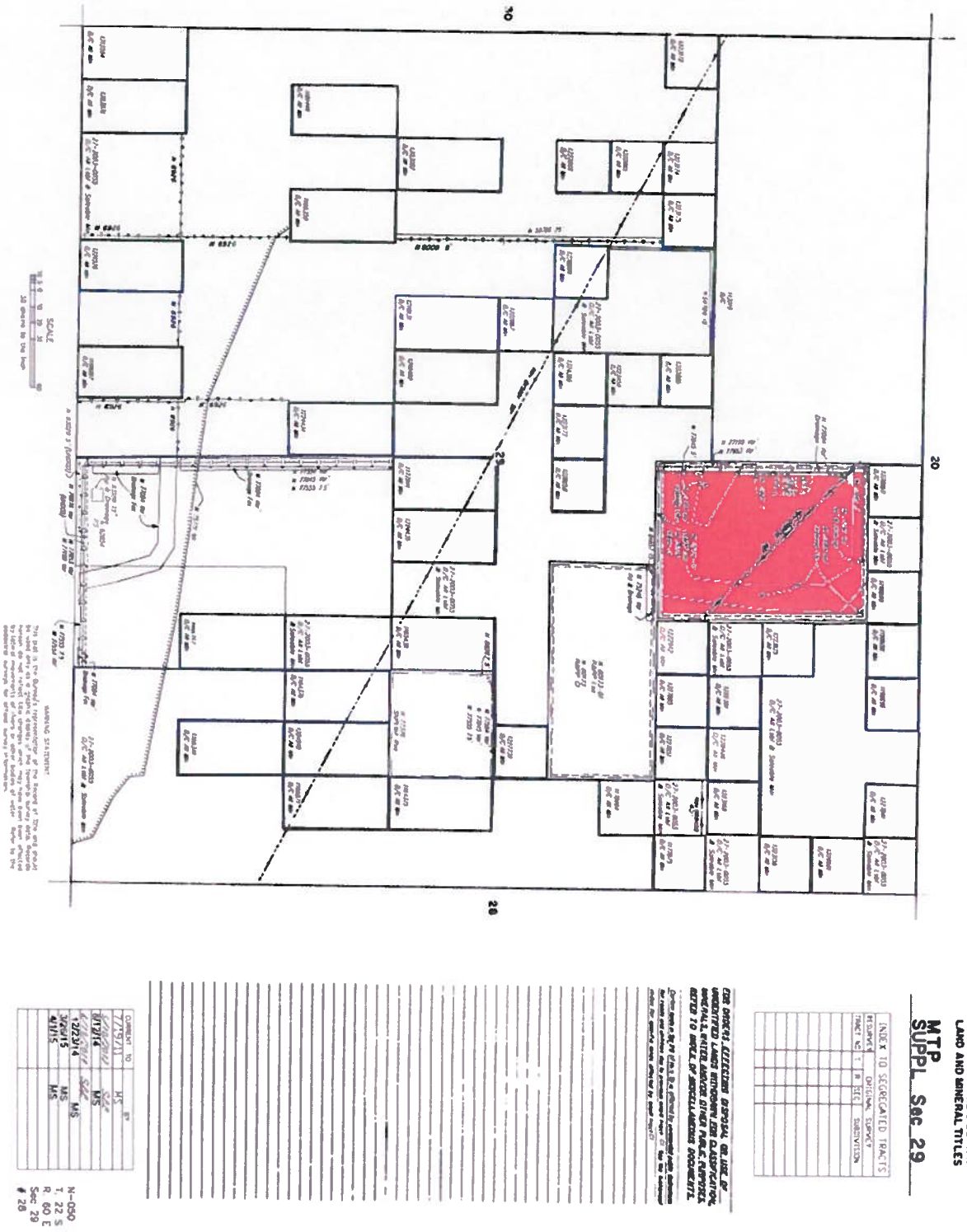
EXHIBIT C
Master Title Plat - N-75729-01