

## **PROJECT INFORMATION**

Project Title:	Truchas
Project Type:	COMMUNICATIONS, TOWERS (CELLULAR AND OTHER), CELL TOWERS LESS
	THAN 200 FT, NO GUY WIRES, AND WITHIN DEVELOPED AREA
Latitude/Longitude (DMS):	36.014186 / -105.855846
County(s):	RIO ARRIBA
Project Description:	A proposed 135' monopole telecommunication tower within a 100' by 100' lease area.
	Also includes a proposed 25' by ~93' access/utility easement.

## **REQUESTOR INFORMATION**

Project Organization:		
Contact Name:	Miles Walz-Salvador	
Email Address:	NEPA.NHPA@TheLotisGroup.com	
Organization:	Lotis Environmental, LLC	
Address:	8899 Main St, Williamsville NY 14221	
Phone:	3149130505	

## **OVERALL STATUS**

The information contained within this report comprises the recommendations of the New Mexico Department of Game and Fish (Department) for management and mitigation of proposed project impacts to wildlife and habitat resources; see the Project Recommendations section below for further details. No further consultation with the Department is required based on the project's location and, with implementation of mitigation measures described in the Project Recommendations section below, no adverse effects to wildlife or important habitats are anticipated. However, a Department biologist may be in touch within 30 days if they determine that further review is required.

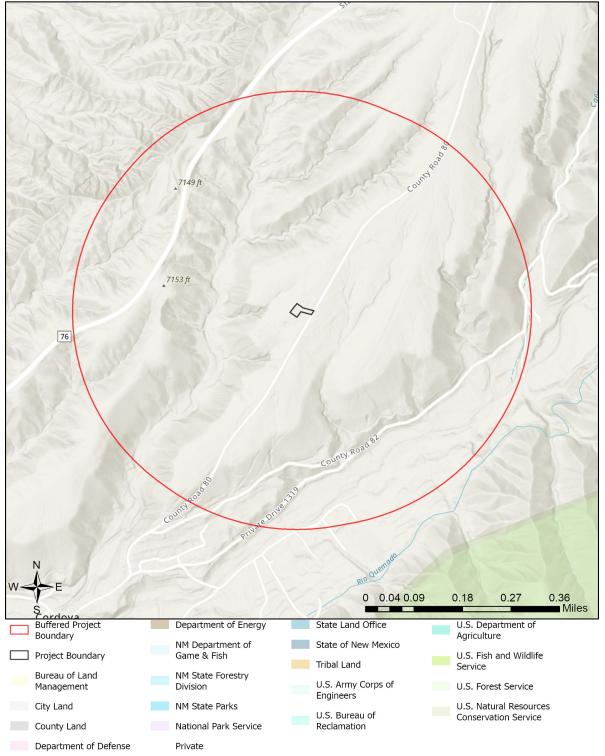


# About this report:

- This environmental review is based on the project description and location that was entered. The report must be updated if the project type, area, or operational components are modified.
- This is a preliminary environmental screening assessment and report. It is not a substitute for the potential wildlife knowledge gained by having a biologist conduct a field survey of the project area. Federal status and plant data are provided as a courtesy to users. The review is also not intended to replace consultation required under the federal Endangered Species Act (ESA), including impact analyses for federal resources from the U.S. Fish and Wildlife Service (USFWS) using their Information for Planning and Consultation tool.
- The New Mexico Environmental Review Tool (ERT) utilizes species observation locations and species habitat suitability models, both of which are subject to ongoing change and refinement. Inclusion or omission of a species within a report cannot guarantee species presence or absence within your project area. To determine occurrence of any species listed in this report, or other wildlife that may be present within your project area, onsite surveys conducted by a qualified biologist during appropriate, species-specific survey timelines may be necessary.
- The Department encourages use of the ERT to modify proposed projects for avoidance, minimization, or mitigation of wildlife impacts. However, the ERT is not intended to be used in a repeatedly iterative fashion to adjust project attributes until a previously determined recommendation is generated. The ERT serves to assess impacts once project details are developed. The <u>New Mexico Crucial Habitat Assessment Tool</u> is the appropriate system for advising early-stage project planning and design to avoid areas of anticipated wildlife concerns and associated regulatory requirements.



# Truchas



USGS, New Mexico Department of Game and Fish (NMDGF), Natural Heritage New Mexico (NHNM), and USDA Forest Service,

Compiled by Richard Norwood of NHNM over the period 2020 to 2021. Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community



Bareal Chorus Frog     Pseudacris maculata     SGCN       Bareagnine Ealcon     Ealcon peregrinus     T     SGCN       Meuntain Plover     Charadrius montanus     SGCN     SGCN       Elammulated Owl     Psiloscops flammeolus     SGCN     SGCN       Common Nighthawk     Choradelies minor     SGCN     SGCN       Black Swith     Crypseloides niger     SGCN       Black Swith     Crypseloides niger     SGCN       Black Swith     Crypseloides niger     SGCN       Williamson's Sapsucker     Melanerpes erythrocenhalus     SGCN       Williamson's Sapsucker     Sphyrapicus thyroideus     SGCN       Williamson's Sapsucker     Sphyrapicus thyroideus     SGCN       Blank Swallow     Riparia riparia     SGCN       Riynes Huteracker     Nueifraga columbiana     SGCN       Riynes Huteracker     Nueifraga columbiana     SGCN       Riynes Huteracker     Nueifraga columbiana     SGCN       Riggrin Julinkar Timonuse     Baeolophus idgwayi     SGCN       Clark's Nuteracker     Nueifraga columbiana     SGCN       Gray Vitreo<	Special Status Animal Species Potentially within 650 Meters of Project Area						
Peregrine Falcon Falco peregrinus T SGCN   Mountain Plover Charadrius montanus SGCN   Plammulated Owl Psiloscops flammeolus SGCN   Wastern Burrowing Owl Athene cunicularia hypugaea SGCN   Common Nighthawk Chordelles minor SGCN   Black Swift Cypseloides niger SGCN   Black Swift Cypseloides niger SGCN   Williamson's Sapsucker Melanerpes erythrocephalus SGCN   Williamson's Sapsucker Sphyrapicus thyroideus SGCN   Olive-sided Flycatcher Contopus cooperi SGCN   Williamson's Sapsucker Sphyrapicus thyroideus SGCN   Olive-sided Flycatcher Contopus cooperi SGCN   Dinversided Flycatcher Contopus cooperi SGCN   Dinversided Flycatcher Contopus cooperi SGCN   Dinversided Flycatcher Sistia pygmaea SGCN   Unger Timouse Baaolophus ridowayi SGCN   Unger Sistia pygmaea SGCN SGCN   Vestern Blueblid Sialia nexicana SGCN   Mountain Blueblid Sialia currucoides SGCN   Cogenhead Shrike Creothypis virpiniae SGCN   Sialia mexicana SGCN SGCN	Common Name	Scientific Name	USFWS (ESA)	NMDGF (WCA)			
Mountain Plover     Charadrius montanus     SGCN       Elammulated Owl     Psiloscops flammeolus     SGCN       Western Burrowing Owl     Athene cunicularia hypugaea     SGCN       Common Nighthawk     Choradelles minor     SGCN       Back Swift     Cyposeloides niger     SGCN       Williamsch's Sapsucker     Shyrapicus thyroideus     SGCN       Olive-sided Flycatcher     Contopus cooperi     SGCN       Bank Swallow     Riparia nparia     SGCN       Clark's Nutcracker     Nucifraga columbiana     SGCN       Pygmy Nuthatch     Sialia moxicana     SGCN       Mestern Bluebird     Sialia noxicana     SGCN       Gray Ureo     Yireo viciniar     T     SGCN       Gray Ureo     Yireo viciniar </td <td>Boreal Chorus Frog</td> <td>Pseudacris maculata</td> <td></td> <td></td> <td>SGCN</td>	Boreal Chorus Frog	Pseudacris maculata			SGCN		
Elammulated Owl     Psiloscops flammeolus     SGCN       Wastern Burrowing Owl     Athene cunicularia hypugaea     SGCN       Common Nighthawk     Chordelies minor     SGCN       Black Swift     Cypseloides niger     SGCN       Lewis's Woodpecker     Melanerpes evithrocephalus     SGCN       Reichheaded Woodpecker     Melanerpes evithrocephalus     SGCN       Williamson's Sapsucker     Sphyrapicus thyroideus     SGCN       Williamson's Sapsucker     Sphyrapicus thyroideus     SGCN       Bank Swallow     Riparia riparia     SGCN       Pinyon Jay     Gymonthinus cyanocephalus     SGCN       Linkris Nutoracker     Nudiraga columbiana     SGCN       Linkris Throase     Baelophus ridwayi     SGCN       Pygmy Nuthatch     Sita pygmaea     SGCN       Mountain Bluebird     Sialia moxicana     SGCN       Gray Vireo     Vireo vicinior     T     SGCN       Kirghinis Warbler     Oreothypis virginiae     SGCN       Gray Vireo     Vireo vicinior     T     SGCN       Cassin's Erinch     Haemorhous cassini     SGCN	Peregrine Falcon	Falco peregrinus		Т	SGCN		
Western Burrowing Owl   Athene cunicularia hypugaea   SGCN     Common Nighthawk   Choideiles minor   SGCN     Black Swift   Cypseloides niger   SGCN     Black Swift   Cypseloides niger   SGCN     Lewis's Woodpecker   Melanerpes lewis   SGCN     Red-headed Woodpecker   Melanerpes erythrocephalus   SGCN     Williamson's Sapsucker   Sphyrapicus thyroideus   SGCN     Olive-sided Flycatcher   Contopus cooperi   SGCN     Bank Swallow   Riparia riparia   SGCN     Clark's Nuteracker   Nuclifraga columbiana   SGCN     Drive-sided Flycatcher   Nuclifraga columbiana   SGCN     Clark's Nuteracker   Nuclifraga columbiana   SGCN     Driger Timouse   Baeolophus ridgwayi   SGCN     Pagenhauft   Sialia mexicana   SGCN     Mountain Bluebird   Sialia mexicana   SGCN     Gray Virbo   Virion Virion'   T   SGCN     Clark's Nuteracker   Janius ludovicianus   SGCN     Gray Virbo   Virion's virginia'e   SGCN     Clarky Warbler   Decetitypis virginia'e   SGCN  <	Mountain Plover	Charadrius montanus			SGCN		
Common Nighthawk   Chordelies minor   SGCN     Black Swift   Cypseloides niger   SGCN     Black Swift   Cypseloides niger   SGCN     Black Swift   Melanerpes erythrocephalus   SGCN     Red-headed Woodpecker   Melanerpes erythrocephalus   SGCN     Williamson's Sapsucker   Sphyrapicus thyroldeus   SGCN     Dilve-sided Elycatcher   Contopus cooperi   SGCN     Bank Swallow   Riparia riparia   SGCN     Pinyon Jay   Gymnorthinus cyanocephalus   SGCN     Lunjer Titmouse   Baeolophus ridgwayi   SGCN     Vantaris Bluebird   Sitia pygmaea   SGCN     Wastern Bluebird   Sialia nexricona   SGCN     Kogerhead Shrike   Lanius ludovicianus   SGCN     Gravy Vireo   Vireo vicinior   T   SGCN     Virginia's Warbler   Oreothypis virginiae   SGCN     Spater de Longspur   Calcarius ornatus   SGCN     Carae's Warbler   Setophaga rigrescens   SGCN     Cassin's Finch   Haemorhous cassini   SGCN     Cassin's Finch   Haemorhous cassini   SGCN     Cass	Flammulated Owl	Psiloscops flammeolus			SGCN		
Black Swith   Cypseloides niger   SGCN     Lewis's Woodpecker   Melanerpes lewis   SGCN     Red-headed Woodpecker   Melanerpes erythrocephalus   SGCN     Williamson's Sapsucker   Sphyrapicus thyroideus   SGCN     Olive-sided Flycatcher   Contopus cooperi   SGCN     Bank Swallow   Riparia riparia   SGCN     Clark's Nuteracker   Nucifraga columbiana   SGCN     Luniper Titmouse   Baeolophus ridgwayi   SGCN     Variant Bluebird   Sialia mexicana   SGCN     Mountain Bluebird   Sialia mexicana   SGCN     Grave Vireo   Vireo vicinior   T   SGCN     Grave Shrike   Lanius ludovicianus   SGCN     Grave Surant   Setophaga rigrescens   SGCN     Red-veded Clarg Warbler   Setophaga rigrescens   SGCN     Cassin's Finch   Haemorhous cassinii   SGCN <td< td=""><td>Western Burrowing Owl</td><td>Athene cunicularia hypugaea</td><td></td><td></td><td>SGCN</td></td<>	Western Burrowing Owl	Athene cunicularia hypugaea			SGCN		
Lewis's Woodpecker   Melanerpes lewis   SGCN     Red-headed Woodpecker   Melanerpes erythrocephalus   SGCN     Williamson's Sapsucker   Sphyrapicus thyroideus   SGCN     Dilve-sided Flycatcher   Contopus cooperi   SGCN     Bank Swallow   Riparia riparia   SGCN     Bank Swallow   Riparia riparia   SGCN     Dinve-sided Flycatcher   Contopus cooperi   SGCN     Bank Swallow   Riparia riparia   SGCN     Dinve-sided Flycatcher   Contopus cooperi   SGCN     Dinve-sided Flycatcher   Contopus cooperi   SGCN     Dinve-sided Flycatcher   Contopus cooperi   SGCN     Dinverstream   Gymonthinus cyanocephalus   SGCN     Clark's Nutcracker   Nucifraga columbiana   SGCN     Dinjeer Titmouse   Baeolophus ridgwayi   SGCN     Pograph Nuthatch   Sitia pygmaea   SGCN     Mountain Bluebird   Sialia currucoides   SGCN     Cagerhead Shrike   Lanius ludovicianus   SGCN     Cagerhead Shrike   Lanius ludovicianus   SGCN     Sidack-Throated Gray Warbler   Setophaga rigrescens   SGCN <td>Common Nighthawk</td> <td>Chordeiles minor</td> <td></td> <td></td> <td>SGCN</td>	Common Nighthawk	Chordeiles minor			SGCN		
Red-headed Woodpecker   Melanerpes envthrocephalus   SGCN     Williamson's Sapsucker   Sphyrapicus thyroideus   SGCN     Dive-sided Flycatcher   Contopus cooperi   SGCN     Bank Swallow   Riparia riparia   SGCN     Bank Swallow   Riparia riparia   SGCN     Clark's Nutcracker   Nuclfraga columbiana   SGCN     Uniper Titmouse   Baelophus ridgwayi   SGCN     Prymy Nuthatch   Sita pygmaea   SGCN     Western Bluebird   Sialia mexicana   SGCN     Mountain Bluebird   Sialia curucoides   SGCN     Gray Virco   Virco vicinior   T   SGCN     Grace's Warbler   Setophaga nigrescens   SGCN   SGCN     Grace's Warbler   Setophaga graciae   SGCN   SGCN     Chestnut-collared Longspur   Caecris ornatus   SGCN   SGCN     Chestnut-collared Longspur   Caecris ornatus   SGCN   SGCN	Black Swift	Cypseloides niger			SGCN		
Williamson's Sapsucker Sphyrapicus thyroideus SGCN   Dive-sided Flycatcher Contopus cooperi SGCN   Bank Swallow Riparia riparia SGCN   Bank Swallow Gymnorhinus cyanocephalus SGCN   Clark's Nutcracker Nucifraga columbiana SGCN   Luniper Titmouse Baeolophus ridgwayi SGCN   Pygmy Nuthatch Sitalia mexicana SGCN   Western Bluebird Sitalia mexicana SGCN   Garay Virco Virco vicinior T SGCN   Gravy Virco Virco vicinior T SGCN   Virginia's Warbler Oreothlypis virginiae SGCN   Black-Throated Gray Warbler Setophaga nigrescens SGCN   Vesper Sparrow Pooecetes gramineus SGCN   Cassin's Finch Haemorhous cassinii SGCN   Spotted Bat Cocrontrustes vespertinus SGCN   Spotted Bat Cocrontrustes vespertinus SGCN   Pale Townsend's Big-Eared Bat Corynorhinus townsendii pallescens SGCN   Gunnison's Prairie Dog Cynomys gunnisoni SGCN   Maedow Jumping Mouse Zapus hudsonius LE E   Bactific Marten Martes caurina T SGCN	Lewis's Woodpecker	Melanerpes lewis			SGCN		
Dive-sided FlycatcherContopus cooperiSGCNBank SwallowRiparia ripariaSGCNBank SwallowRiparia ripariaSGCNPinyon JayGymnorhinus cyanocephalusSGCNClark's NutcrackerNucifraga columbianaSGCNJuniper TitmouseBaeolophus ridgwayiSGCNPygmy NuthatchSilta pygmaeaSGCNPygmy NuthatchSilta pygmaeaSGCNMountain BluebirdSilalia curucoidesSGCNLoggerhead ShrikeLanius ludovicianusSGCNLoggerhead ShrikeCreothlypis vigniaeSGCNBlack-Throated Gray WarblerStetophaga nigrescensSGCNBlack-Throated Gray WarblerSetophaga nigrescensSGCNChestnut-collared LongspurCalcarius ornatusSGCNChestnut-collared LongspurCalcarius ornatusSGCNChestnut-collared BatCocrothraustes vespertinusSGCNSpotted BatEuderma maculatumTSGCNPale Townsend's Big-Eared BatCorynorthinus townsendii pallescensSGCNAmerican PikaChotona princepsSGCNGunnison's Prairie DogCynomys gunnisoniSGCNPacific MartenMartes caurinaLEEPacific MartenMartes caurinaTSpotted MattenKacurinaSGCN	Red-headed Woodpecker	Melanerpes erythrocephalus			SGCN		
Bank Swallow   Riparia riparia   SGCN     Pinyon Jay   Gymnorthinus cyanocephalus   SGCN     Clark's Nutcracker   Nucifraga columbiana   SGCN     Juniper Titmouse   Baeolophus ridgwayi   SGCN     Prygmy Nuthatch   Sitta pygmaea   SGCN     Western Bluebird   Sialia mexicana   SGCN     Mountain Bluebird   Sialia currucoides   SGCN     Loggerhead Shrike   Lanius ludovicianus   SGCN     Grav Vireo   Vireo vicinior   T   SGCN     Grave's Warbler   Oreothlypis virginiae   SGCN     Black-Throated Gray Warbler   Setophaga graciae   SGCN     Chestnut-collared Longspur   Calcarius ornatus   SGCN     Cassin's Finch   Haemorhous cassinii   SGCN     Spotted Bat   Euderma maculatum   T   SGCN     Pale Tornsend's Big-Eared Bat   Corynorthinus townsendii pallescens   SGCN     Spotted Bat   Euderma maculatum   T   SGCN     Readow Jumping Mouse   Zapus hudsonius   LE   E   SGCN     Back-Throated Bat   Corynorthinus townsendii pallescens   SGCN   SGCN <td>Williamson's Sapsucker</td> <td>Sphyrapicus thyroideus</td> <td></td> <td></td> <td>SGCN</td>	Williamson's Sapsucker	Sphyrapicus thyroideus			SGCN		
Pinyon JayGymorthius cyanocephalusSGCNClark's NutcrackerNucl'raga columbianaSGCNLuniper TitmouseBaeolophus ridgwayiSGCNPygmy NuthatchSitta pygmaeaSGCNWestern BluebirdSialia mexicanaSGCNMountain BluebirdSialia currucoidesSGCNLoggerhead ShrikeLanius IudovicianusSGCNCare VireoVireo viciniorTSGCNSGCNBlack-Throated Gray WarblerSetophaga nigrescensSGCNBlack-Throated Gray WarblerSetophaga graciaeSGCNGrace's WarblerSetophaga graciaeSGCNCassin's FinchHaemorhous cassiniiSGCNCassin's FinchLaemorhous cassiniiSGCNSpotted BatCocothraustes vespertinusSGCNSpotted BatCorynorhinus townsendii pallescensSGCNAmerican PikaOchotona princepsSGCNGunnison's Prairie DogCynomys gunnisoniSGCNPacafiric MartenZapus hudsoniusLEPacafiric MartenMartes caurinaTSpotterSpotterSGCNSpotterSpotterSGCNSpotterSpotterSGCNSpotterSpotterSGCNSpotterSpotterSGCNSpotterSpotterSGCNSpotterSpotterSGCNSpotterSpotterSGCNSpotterSpotterSGCNSpotterSpotterSGCNSpotterSpotterSGCN </td <td>Olive-sided Flycatcher</td> <td>Contopus cooperi</td> <td></td> <td></td> <td>SGCN</td>	Olive-sided Flycatcher	Contopus cooperi			SGCN		
Clark's NucirackerNucifraga columbianaSGCNJuniper TimouseBaeolophus ridgwayiSGCNPygmy NuthatchSitta pygmaeaSGCNWestern BluebirdSialia mexicanaSGCNMountain BluebirdSialia currucoidesSGCNLoggerhead ShrikeLanius ludovicianusSGCNCaray VireoVireo viciniorTSGCNSeconVirginia's WarblerOreothlypis virginiaeSGCNBlack-Throated Gray WarblerSetophaga nigrescensSGCNGrace's WarblerSetophaga graciaeSGCNCassin's FinchHaemorhous cassiniiSGCNCassin's FinchHaemorhous cassiniiSGCNSpotted BatCocothraustes vespertinusSGCNSpotted BatCocothraustes vespertinusSGCNAmerican PikaOchotona princepsSGCNGunnison's Prairie DogCynomys gunnisoniSGCNPaadific MartenMartes caurinaTPacific MartenMartes caurinaTSpotted BatConomys gunnisoniSGCNSpotted BatSconomys gunnisoniSGCNSpotted DagCynomys gunnisoniSGCNPacific MartenMartes caurinaTSpotted SpringSpotted SpringSpottedSpotted SpringSpotted SpringSpottedSpotted SpringSpotted SpringSpottedSpotted BatContona princepsSpottedSpotted SpringSpotted SpringSpottedSpotted SpringSpotted SpringSpott	Bank Swallow	Riparia riparia			SGCN		
Juniper TitmouseBaeolophus ridgwayiSGCNPygmy NuthatchSitta pygmaeaSGCNWestern BluebirdSialia mexicanaSGCNMountain BluebirdSialia currucoidesSGCNLoggerhead ShrikeLanius ludovicianusSGCNGray VireoVireo viciniorTOreothlypis virginiaeSGCNBlack-Throated Gray WarblerSetophaga nigrescensSGCNBlack-Throated Gray WarblerSetophaga nigrescensSGCNGrace's WarblerSetophaga graciaeSGCNChestnut-collared LongspurCalcarius ornatusSGCNCassin's FinchHaemorhous cassiniiSGCNSpotted BatCocynorhinus townsendii pallescensSGCNSpotted BatCorynorhinus townsendii pallescensSGCNPale Townsend's Big-Eared BatCorynorhinus townsendii pallescensSGCNQunison's Prairie DogCynomys gunnisoniSGCNMeadow Jumping MouseZapus hudsoniusLEEPacific MartenMartes caurinaTSGCN	Pinyon Jay	Gymnorhinus cyanocephalus			SGCN		
Pygmy NuthatchSitta pygmaeaSGCNWestern BluebirdSialia mexicanaSGCNMountain BluebirdSialia currucoidesSGCNLoggerhead ShrikeLanius ludovicianusSGCNGray VireoVireo viciniorTGray VireoOreothlypis virginiaeTSGCNSGCNBlack-Throated Gray WarblerSetophaga angrescensSGCNBlack-Throated Cray WarblerSetophaga graciaeSGCNGrace's WarblerSetophaga graciaeSGCNChestnut-collared LongspurCalcarius ornatusSGCNCasair's FinchHaemorhous cassiniiSGCNSpotted BatCorcothraustes vespertinusSGCNSpotted BatCorynorthinus townsendii pallescensSGCNPale Townsend's Big-Eared BatCorynorthinus townsendii pallescensSGCNGunnison's Prairie DogCynomys gunnisoniSGCNMeadow Jumping MouseZapus hudsoniusLEEPacific MartenMates caurinaTSGCN	Clark's Nutcracker	Nucifraga columbiana			SGCN		
Western BluebirdSialia mericanaSGCNMountain BluebirdSialia currucoidesSGCNLoggerhead ShrikeLanius ludovicianusSGCNGray VireoVireo viciniorTGray VireoOreothlypis virginiaeTSGCNSetophaga nigrescensSGCNBlack-Throated Gray WarblerSetophaga graciaeSGCNGrace's WarblerSetophaga graciaeSGCNGrace's WarblerSetophaga graciaeSGCNGrace's WarblerCalcarius ornatusSGCNChestnut-collared LongspurCalcarius ornatusSGCNCassin's FinchHaemorhous cassiniiSGCNEvening GrosbeakCoccothraustes vespertinusSGCNSpotted BatEuderma maculatumTPale Townsend's Big-Eared BatOchotona princepsSGCNGunnison's Prairie DogCynomys gunnisoniLEEPacific MartenMartes caurinaLEEPacific MartenMartes caurinaTSGCN	Juniper Titmouse	Baeolophus ridgwayi			SGCN		
Mountain BluebirdSialia currucoidesSGCNLoggerhead ShrikeLanius ludovicianusSGCNGray VireoVireo viciniorTSGCNVireo viciniorTVirginia's WarblerOreothlypis virginiaeSGCNBlack-Throated Gray WarblerSetophaga nigrescensSGCNGrace's WarblerSetophaga graciaeSGCNGrace's WarblerSetophaga graciaeSGCNVesper SparrowPooceetes gramineusSGCNChestnut-collared LongspurCalcarius ornatusSGCNCassin's FinchHaemorhous cassiniiSGCNEvening GrosbeakCoccothraustes vespertinusSGCNSpotted BatEuderma maculatumTPale Townsend's Big-Eared BatOchotona princepsSGCNGunnison's Prairie DogCynomys gunnisoniSGCNMeadow Jumping MouseZapus hudsoniusLEEPacific MartenMartes caurinaTSGCN	Pygmy Nuthatch	Sitta pygmaea			SGCN		
Loggerhead ShrikeLanius ludovicianusSGCNGray VireoVireo viciniorTSGCNGray VireoOreothlypis virginiaeSGCNBlack-Throated Gray WarblerSetophaga nigrescensSGCNBlack-Throated Gray WarblerSetophaga graciaeSGCNGrace's WarblerSetophaga graciaeSGCNCases's WarblerSetophaga graciaeSGCNChestnut-collared LongspurCalcarius ornatusSGCNCassin's FinchHaemorhous cassiniiSGCNEvening GrosbeakCoccothraustes vespertinusSGCNSpotted BatEuderma maculatumTPale Townsend's Big-Eared BatCorynorhinus townsendii pallescensSGCNGunnison's Prairie DogCynomys gunnisoniSGCNBeadow Jumping MouseZapus hudsoniusLEEPacific MartenMartes caurinaTSGCN	Western Bluebird	Sialia mexicana			SGCN		
Gray VireoVireo viciniorTSGCNGray WarblerOreothlypis virginiaeSGCNBlack-Throated Gray WarblerSetophaga nigrescensSGCNGrace's WarblerSetophaga graciaeSGCNGrace's WarblerSetophaga graciaeSGCNVesper SparrowPooecetes gramineusSGCNChestnut-collared LongspurCalcarius ornatusSGCNCassin's FinchHaemorhous cassiniiSGCNEvening GrosbeakCoccothraustes vespertinusSGCNSpotted BatEuderma maculatumTPale Townsend's Big-Eared BatCorynorthinus townsendii pallescensSGCNGunnison's Prairie DogCynomys gunnisoniSGCNMeadow Jumping MouseZapus hudsoniusLEEPacific MartenMartes caurinaTSGCN	Mountain Bluebird	Sialia currucoides			SGCN		
Virginia's WarblerOreothlypis virginiaeSGCNBlack-Throated Gray WarblerSetophaga nigrescensSGCNGrace's WarblerSetophaga graciaeSGCNGrace's WarblerSetophaga graciaeSGCNVesper SparrowPooecetes gramineusSGCNChestnut-collared LongspurCalcarius ornatusSGCNCassin's FinchHaemorhous cassiniiSGCNEvening GrosbeakCoccothraustes vespertinusSGCNSpotted BatEuderma maculatumTPale Townsend's Big-Eared BatCorynorhinus townsendii pallescensSGCNAmerican PikaOchotona princepsSGCNGunnison's Prairie DogCynomys gunnisoniSGCNMardes caurinaTSGCNPacific MartenMartes caurinaTSGCNSGCNCalcarius on SpottedSGCNSochona princepsSGCNSochona princepsSGCN<	Loggerhead Shrike	Lanius Iudovicianus			SGCN		
Black-Throated Gray WarblerSetophaga nigrescensSGCNGrace's WarblerSetophaga graciaeSGCNVesper SparrowPooecetes gramineusSGCNChestnut-collared LongspurCalcarius ornatusSGCNCassin's FinchHaemorhous cassiniiSGCNEvening GrosbeakCoccothraustes vespertinusSGCNSpotted BatEuderma maculatumTPale Townsend's Big-Eared BatCorynorhinus townsendii pallescensSGCNAmerican PikaOchotona princepsSGCNGunnison's Prairie DogZapus hudsoniusLEEPacific MartenMartes caurinaTSGCN	Gray Vireo	<u>Vireo vicinior</u>		Т	SGCN		
Grace's WarblerSetophaga graciaeSGCNVesper SparrowPooecetes gramineusSGCNChestnut-collared LongspurCalcarius ornatusSGCNCassin's FinchHaemorhous cassiniiSGCNEvening GrosbeakCoccothraustes vespertinusSGCNSpotted BatEuderma maculatumTPale Townsend's Big-Eared BatCorynorhinus townsendii pallescensSGCNGunnison's Prairie DogCynomys gunnisoniSGCNMeadow Jumping MouseZapus hudsoniusLEEPacific MartenMartes caurinaTSGCN	Virginia's Warbler	Oreothlypis virginiae			SGCN		
Vesper SparrowPooecetes gramineusSGCNChestnut-collared LongspurCalcarius ornatusSGCNCassin's FinchHaemorhous cassiniiSGCNEvening GrosbeakCoccothraustes vespertinusSGCNSpotted BatEuderma maculatumTPale Townsend's Big-Eared BatCorynorhinus townsendii pallescensSGCNAmerican PikaOchotona princepsSGCNGunnison's Prairie DogCynomys gunnisoniLEMeadow Jumping MouseZapus hudsoniusLEESGCNMartes caurinaTSGCN	Black-Throated Gray Warbler	Setophaga nigrescens			SGCN		
Chestnut-collared LongspurCalcarius ornatusSGCNCassin's FinchHaemorhous cassiniiSGCNEvening GrosbeakCoccothraustes vespertinusSGCNSpotted BatEuderma maculatumTPale Townsend's Big-Eared BatCorynorhinus townsendii pallescensSGCNAmerican PikaOchotona princepsSGCNGunnison's Prairie DogCynomys gunnisoniSGCNMeadow Jumping MouseZapus hudsoniusLEESGCNPacific MartenMartes caurinaTSGCN	Grace's Warbler	Setophaga graciae			SGCN		
Cassin's FinchHaemorhous cassiniiSGCNEvening GrosbeakCoccothraustes vespertinusSGCNSpotted BatEuderma maculatumTSGCNPale Townsend's Big-Eared BatCorynorhinus townsendii pallescensSGCNAmerican PikaOchotona princepsSGCNGunnison's Prairie DogCynomys gunnisoniSGCNMeadow Jumping MouseZapus hudsoniusLEESGCNPacific MartenMartes caurinaTSGCN	Vesper Sparrow	Pooecetes gramineus			SGCN		
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Spotted BatEuderma maculatumTSGCNPale Townsend's Big-Eared BatCorynorhinus townsendii pallescensSGCNAmerican PikaOchotona princepsSGCNGunnison's Prairie DogCynomys gunnisoniSGCNMeadow Jumping MouseZapus hudsoniusLEESGCNPacific MartenMartes caurinaTSGCN	Cassin's Finch	Haemorhous cassinii			SGCN		
Pale Townsend's Big-Eared BatCorynorhinus townsendii pallescensSGCNAmerican PikaOchotona princepsSGCNGunnison's Prairie DogCynomys gunnisoniSGCNMeadow Jumping MouseZapus hudsoniusLEESGCNPacific MartenMartes caurinaTSGCN	Evening Grosbeak	Coccothraustes vespertinus			SGCN		
American PikaOchotona princepsSGCNGunnison's Prairie DogCynomys gunnisoniSGCNMeadow Jumping MouseZapus hudsoniusLEESGCNPacific MartenMartes caurinaTSGCN	Spotted Bat	Euderma maculatum		Т	SGCN		
Gunnison's Prairie DogCynomys gunnisoniSGCNMeadow Jumping MouseZapus hudsoniusLEESGCNPacific MartenMartes caurinaTSGCN	Pale Townsend's Big-Eared Bat	Corynorhinus townsendii pallescens			SGCN		
Meadow Jumping MouseZapus hudsoniusLEESGCNPacific MartenMartes caurinaTSGCN	American Pika	Ochotona princeps			SGCN		
Pacific Marten Martes caurina T SGCN	Gunnison's Prairie Dog	<u>Cynomys gunnisoni</u>			SGCN		
	Meadow Jumping Mouse	Zapus hudsonius	LE	E	SGCN		
Common Checkered Whiptail Aspidoscelis tesselata E SGCN	Pacific Marten	Martes caurina		Т	SGCN		
	Common Checkered Whiptail	Aspidoscelis tesselata		E	SGCN		

Special Status Animal Species Potentially within 650 Meters of Project Are

ESA = Endangered Species Act, WCA = Wildlife Conservation Act, SGCN = Species of Greatest Conservation Need, SERI = Species of Economic and Recreational Importance, C = Candidate, E = Endangered, T = Threatened



## **Project Recommendations**

With implementation of the applicable mitigation or avoidance measures included in the project description, and incorporation of the guidance listed below, the Department does not anticipate significant impacts to wildlife or sensitive wildlife habitats from the proposed project activities. See the "OVERALL STATUS" section above to determine the likelihood that your project will be reviewed further based on its location. If a Department biologist determines that additional conservation measures are needed, then you should expect to receive notification and/or any additional project recommendations within 30 days of your project submission.

Prairie dog colonies may occur within the vicinity of your project area. Both black-tailed prairie dogs (*Cynomys ludovicianus*) and Gunnison's prairie dogs (*Cynomys gunnisoni*) are designated as New Mexico Species of Greatest Conservation Need, and their colonies provide important habitat for other grassland wildlife. Wherever possible, occupied prairie dog colonies should be left undisturbed, and all project activities should be directed off the colony. Any burrows that are located on the project site should be surveyed by a qualified biologist to determine whether burrows are active or inactive and whether burrowing owls may be utilizing the site. Colonies within the range of the black-tailed prairie dog can be surveyed by a qualified biologist diurnally, year-round using binoculars. Colonies within the range of the Gunnison's prairie dog can be surveyed by a qualified biologist diurnally, using binoculars during the warmer months from April through October and by searching for fairly fresh scat and lack of cobwebs or debris at the mouths of burrows during the cold months (November through March). If ground-disturbing activities cannot be relocated off the prairie dog colony, or if project activities involve control of prairie dogs, the Department recommends live-trapping and relocation of prairie dogs. The Department can provide recommendations regarding suitability of potential translocation areas and procedures.

The proposed project occurs within or near a riparian area. Because riparian areas are important wildlife habitats, the project footprint should avoid removing any riparian vegetation or creating ground disturbance either directly within or affecting the riparian area, unless the project is intended to restore riparian habitat through non-native plant removal and replanting with native species. If your project involves removal of non-native riparian trees or planting of native riparian vegetation, please refer to the Department's habitat handbook guideline for <u>Restoration and Management of Native and Non-native Trees in Southwestern Riparian Ecosystems</u>.

Your project could affect important components of wildlife habitat, including fawning/calving or wintering areas for species such as deer and elk, or general high wildlife movement and activity areas for large mammals. Mitigation measures should focus on high use sites and movement areas based on collar data and expert knowledge of Department of Game and Fish and land management agency personnel. Management recommendations within these areas may include the following.

- Restrictions on noise-generating activities during wintering and calving/fawning seasons, specific timing of which may vary throughout the state. These activities would include oil and gas well pad development and operations that expose wildlife to loud noises from drilling, compressors, and pumping stations within 400 feet of the source.
- Modifying fences along high use areas to make them wildlife friendly and facilitate large animal movement.



## **Disclaimers regarding recommendations:**

- The Department provides technical guidance to support the persistence of all protected species of native fish and wildlife, including game and nongame wildlife species. Species listed within this report include those that have been documented to occur within the project area, and others that may not have been documented but are projected to occur within the project vicinity.
- Recommendations are provided by the Department under the authority of § 17-1-5.1 New Mexico Statutes Annotated 1978, to provide "communication and consultation with federal and other state agencies, local governments and communities, private organizations and affected interests responsible for habitat, wilderness, recreation, water quality and environmental protection to ensure comprehensive conservation services for hunters, anglers and nonconsumptive wildlife users".
- The Department has no authority for management of plants or Important Plant Areas. The <u>New Mexico</u> <u>Endangered Plant Program</u>, under the Energy, Minerals, and Natural Resources Department's Forestry Division, identifies and develops conservation measures necessary to ensure the survival of plant species within New Mexico. Plant status information is provided within this report as a courtesy to users. Recommendations provided within the ERT may not be sufficient to preclude impacts to rare or sensitive plants, unless conservation measures are identified in coordination with the Endangered Plant Program.
- Additional coordination may also be necessary under the federal ESA or National Environmental Policy Act (NEPA). Further site-specific recommendations may be proposed during ESA and/or NEPA analyses, or through coordination with affected federal agencies.