

April 14, 2025

Samantha Rynas

Reclamation Specialist New Mexico Energy Minerals and Natural Resources Department, Mining and Minerals Division 1220 South St. Francis Drive Santa Fe, NM 87505

RE: Laramide Resources Permit Application xxxxx- La Jara Mesa Uranium Mine: Response to Agency Comments on the 2024 Baseline Data Report

Dear Ms. Rynas

Attached to the accompanying email communication please find the response from Laramide Resources (Laramide) to the 2024 Baseline Data Report (BDR) agency comments transmitted by your office on date.

Please note that Laramide has requested some discussion related to a few of the comments. This is to clarify requirements or obtain conditional approval to move forward with certain activities to avoid delaying them into 2026. We look forward to the opportunity to discuss these matters briefly.

Laramide appreciates MMD's continued cooperation as we complete the application process.

Please contact me with any questions or concerns.

Sincerely,

Josh Leftwich Vice President of Operations and Strategic Development, USA

Comme	Section	Subsection	MMD Comment	Laramide Response
nt#	Section	Subsection	MMD will consider this "Draft RDR" a draft and moving forward please submit the revised "Draft RDR" in non-draft form as Version "M" with data from this draft	Noted
1	General		BDR pulled forward into the Version 0 submittal. All future submittals of the BDR will be labeled as "V123". No Response is required for this comment.	
2	General		A general observation on the data from the Draft Baseline Data Report; the majority of the data provided is from the 2012-time frame. Due to the data's age MMD will be requiring updates to the collected data. In the billowing comments MMD will call out what data will need to be updated. One area of major change affects multiples accions; the reclamation work done on the Taffy and Old Jara Mine states. Significant cleanup & removal of materials as well as borrow material being used for cover, and seeding of these areas, would have changed baseline data for solts, vegetation, historical data, and Radiological survey. MMD is additionally providing Laramide with the below documents for their reference. 1.MMD Part 6 New Mining Operations Guidance 2.Guidenie for Knatiation Cleanup, Christina – Part 6 New Mining Operations (2016 Uranium Guidance) 3.Soil and Cover Material Handling and Sutability Guideline (2022) 4.Revegedation Guidance (2002) 5.Example Vegetation survey 6.Pervious MM/Diagnery Technical comments on the SAP (2010) 7.Copper Flat Hydrology (Surface and Ground water) Examples No Response is required for this comment.	Noted
3	General		A general observation on the application; often in the data collection, the road corrisior and the escape raise are not included for site specific data collection. These areas are within the Permit Area and will be affected by mine operations. Therefore data is readed from these units. In MMD's comments you will see specific requests for additional data collection in those areas. No response is required for this comment.	Noted
4	General	Draft BDR plates and Application dated June 6th, 2024	The Application materials dead, une 6th and the Draft BDR from 2013 have multiple maps in both "plate" and "tigure" naming conventions. Some of these materials are extremely similar (example: Plate 1 and Figure 1). Please consolidate the maps/figures/plates using a consistent naming convention; as well as ensure they are up to date.	Laramide agrees that the BDR v.0 will include consolidated, clear, consistent, and updated maps.
5	General	Figure 2/34 of Application Dated June 6th, 2024	Proposel road bypass. Please update all figures to accurately and clearly depict the below: Hilling Contion Reast revolues Forest Service roads 450 & 544 Examples: 1. The proposed re-route throughout the June 6 application, as well as figures in the Draft BDR shows a different road configuration (see examples below). 2. Figure 3 from the June 6th Application to shows FS 450 & 544 as orange lines but doesn't categorize under "Site access road" Figure 3 from the June 6th Application to shows FS 450 & 544 as orange lines but doesn't categorize under "Site access road" Figure 5 ROM RAD SURVEY ROAD FIGURE FROM RAD SURVEY ROAD FIGURE FROM DRAFT BDR FIGURE 2 PROVIDED IN JUNE 6, 2024 FIGURE 1 PROVIDED IN JUNE 6, 2024 FIGURE 1 RFOM APPLICATION JUNE 6, 2024. PURPLE UNE SHOWS DIFFERENT ROAD FOOTPRINT FROM RAD. Site access and Permit area: With the read re-route and charge in supply well, will the section of road marked in bue still need be needed and upgraded?	Laramide agrees that the BDR v.0 will be updated to reflect current designs, proposed uses of existing
6	General		Site access and Permit area: With the road re-route and charge in supply well, will the section of road marked in blue still need be needed and upgraded?	Laramide agrees that the BDR v0 will be updated to reflect current designs, proposed uses of existing roads, and the proposed haul road eastern end alignment. This will include the anticipated need for any road upgrades.
7	General	Figure 2, section 9.3	It is MMPs understanding that the proposed supply well (Elixis well 8-01272) marked at this location is no longer relevant due to low production. Please provide an updated WHI location and date associated with anticipated well quality and production. Additional data (i.e., modeling or pump testing) will be required to demonstrate the probable hydrologic consequences of well utilized for mine operations.	Laramide agrees that the BDR v.0 will identify the proposed source of the facility's water supply. If applicable, it will include modelling or testing data as relevant. The source for water has not been finalized and may include imported water.
8	General	Figure 10 & Multiple maps	Setween the SAP and the Draft BDR, many of the maps show two different boundaries of the permit areakdespin limit. The SAP mainly defines the Permit Area as larger ancalogie shape, versus the Draft BDR mostly decision the area as none narrowed fract draft, "The star decision shape would be what MMO calls the design limit. MMD requests for clarity and consistency to keep both boundaries marked on the maps. Plate 2, "Conceptual Mine Layout Plan" from the Draft BDR as good example of including both the Permit Area as well as the design limit. The Permit Area should be carefully considered by Laramide. For example, inclusion of a large drainage (Drainage B later in this document) parallel to the northwest edge of the Permit Area as wern any require additional baseline data be collected if this drainage will in fact be utilized in some way during mine operations or reclamation. This is not clear in the BDR; the "tear drop" disturbance does not appear to incorporate this drainage into any disturbance or design, yet it appears to be included in the Permit Area. Please consider and refine the Permit Area as needed for the agency's consideration for baseline data collection.	Laranide agrees that maps in BDR v.0 will be updated with consistent and revised Permit Area and Design Limit areas.
9	General		MMD requests Laramide provide the GPS "SHP.* files for the Permit Area boundary for MMD's internal mapping and records.	Laramide agrees to provide shapefiles of updated boundaries with the submittal of BDR v.0 .
10	Introduction	1.1	The access road right-of-way and utility corridor would occupy approximately 30 acres of the total proposed Permit Area" Please include the expected width of the utility corridor as well.	Laramide agrees that the expected dimensions of disturbance areas for the road and utility corridor will be provided in the BDR v.0.

11	Climate	2	MMD will require updated climate data to include the below. a. Updated b include 2024 data b. 10 years of data averages (precipitation, high/low temperature) c. Data from an validitoral weather stations (see MMD's below comment 13)	Laramide agrees that updated climate data will be provided in the BDR v.0.
12	Climate	2	While the escape raise location is mentioned briefly, this location is a part of the Permit Area, MMD will require equivalent quantity/quality of data to be collection for this location.	Laramide agrees that the escape raise is part of the Permit Area and will be included in the analysis. Laramide requests discussion regarding scaling the baseline data collection effort to reflect the 1 acre area of the escape raise component of the Permit Area.
13	Climate	2.3	While the Homestake mill is representative of the regional weather; IMID is requesting additional site-specific climate data due to the specific location of the m site. IMID requests a new weather station or, at minimum, measurement of rainwater quarities on the Permit Area. The site-specific looparghy could increa organghic effects, as well as the concentration of precipition from directly above the site would made data from a site is Homestake mill intervant. It is important to have site specific precipitation totals to accurately determine the potential water quantities on site to inform accurate storm water management an site stability.	a Laramide is concerned that short term site-specific monitoring data is subject to annual variability and a may not provide sufficient comparison to long term dimatic data from nearby sites. We propose that a more in-depth regional analysis of climate data will be included in EDR V. Which will include more detailed consideration of measurement location, elevation, and crographic effects. A description of how the regional climate data is being used to inform project design in a conservative manner will also be included.
14	Topography	3.0 (page 2)	The highlighted word "date" needs to be changed to reflect a date. Please also ensure the provided USGS map is the most up to date map.	Laramide agrees that updated topographic imagery and current dates will be included in revised mapping.
15	Topography	3	MMD is has concerns of on-going erosion of the drainages flanking the North/South sides of the Permit area (Marked A and E). During site inspections USFS and NMED noted significant changes to the drainage E due to storm events. See NMED SWQ comment #1. MMD requests this data be included within this section.	Laramide agrees that additional detail regarding current conditions, physical description (width, depth, channel slope, and bank slope) and ension will be included in the BDR v0 for dranages in the Permit Area. Laramide requests further discussion to determine which drainages outside the Permit Area would be considered affected. The MORP will describe how engineering controls will be used to manage erosion within the Permit Area as part of the project.
16	Topography	3.0 Page 2/ Plate 2	While Plate 2 shows the proposed Mine layout (as requested in the Part 6 Guidance); Plate 1 is also applicable to meet this standard as that is the USGS map that includes the entire permit area. Please ensure this USGS map is the most current version and update this section to include Plate 1.	Laramide agrees that updated topographic imagery will be included in revised mapping.
17	Vegetation	4	19:10.6.602.D(13)(c) Due to age of the data MMD will require the 1 year of vegetation data to be re-collected with the following parameters. Please review updated guidance documents and submit an amended sampling plan for MMD approval. Considerations to include: 1.include both the proposed road access corridor as well as the escape raise locations. 2.1 ransects should avoid areas known to have been previously disturbed (where possible). MMD is providing an example Vegetation Survey for your reference.	Laramide agrees that vegetation surveys consistent with current guidance are needed within all Permit Area components. Laramide proposes to update the SAP with a description of methods proposed to calculate cover, shrub density and production values for the proposed rectilamel land use of the Permit Area. A discussion is requested to confirm methods that are acceptable to all the commenting agencies and appropriately scaled to the project's Permit Area, once defined. Transect data will be provided with the BDR v.0 submittal.
18	Vegetation	4.2.1 & 4.3.1	Methods - Section 42 states methods will be described in section 42.1 however, no method of survey was described. 4.3.1 Results read as if an onsile trans was performed. No transect details are mapped or provided. Please submit all supporting methods and data used to perform and evaluate the vegetation data	cl Laranice agrees that vegetation survey methods appropriate for the Permit Area will be identified and described in coordination with the commenting agencies to confirm the results address each agencies requirements. All Transect data will be provided with the BDR v.0 submittal.
19	Vegetation	4.0	For consideration for the MORP: MMD will require Laramide to propose an undisturbed area(s) to be used going forward as reference vegetation areas.	Undisturbed reference areas will be identified as feasible for the vegetation strata.
20	Vegetation	4.2.3	In accordance with 19.10.6.802.Df13(); MMD will require Canopy Cover, Shrub Density and Production data. "The Forest Service does not provide data regarding shrub density", while using Forest Service/TES data can supplement the baseline data, MMD rules require onsite vegetation data collection to inclure all three parameters listed above.	Laramide agrees to complete surveys to provide field data collection to inform the calculation of canopy cover, shrub density and production. Digital methods may be included to provide supplemental data.
21	Vegetation	4.2.4	This section mentions a ground survey that was done in conjunction with a database search, and the following was also stated "results compared to the plants inventoried by the vegetation mapping, as described in Section 4.2.2." It is unclear if the mapping performed was through an onsite field (ground) survey or onl based on aerial photography or other means. For the new vegetation survey please provide details on the methods of data collection and review.	Laramide agrees that detailed methods will be proposed in an updated SAP and included in BDR v.0 results.
22	Wildlife	5	MMD will require a new wildlife survey to include herpetology, mammals, birds, and any other species potentially occurring in the area of potential impact (19.10.6.602.0(13)(d)). Please submit an amended sampling plan for MMD approval. 10.10.6.602.0(13)(d) Expanded Wildlife Survey. White surveys were performed within the main Permit Area, the "affected area" area of potential impact" is n limited to the Permit Area. The escape raise and utility corridor were not included in the wildlife survey and are part of the Permit Area. Research area area area of potential impact. A Escape raise B Jultip Corndor C.Expanded buffer around Permit Area: Area of potential impact. D Special habite Harves. Basit diffs E Spotte Bat Survey F Grey Vireos Survey G.Considerations for Habitat Fragmentations	Laramide agrees to submit an amended SAP and provide updated wildlife surveys for the Permit Area and Affected Area. Laramide would like to learn whether the revision and acceptance of the revised SAP will be a formal process. If so we request a discussion of potential to allow conditional SAP approval be granted be accommodate the initiation of easonably limited surveys (for example, gray virice spring/summer bird surveys) during the current calendar year. Laramide's contractor (Barr Engineering) and any subcontractors will provide protocol references for expedited surveys as required by the agencies. Addionally, contractors will provide protocol references for expedited surveys as required by the agencies. Addionally, contractors of the Permit Area and Affected Area boundaries to be used for surveys may be requested.
			The related comments were provided to Laramide in 2010 in the NM Dept. of Game and Fish & MMD SAP comments. These comments are still applicable. NM DGF:	Laramide will address the NMDGF and MMD comments in the revised SAP.
			A picture containing text, indoor, screenshot Description automatically generated	
			Characterization of site fauna. The SAP does not include any mention pertaining to the methods in which proponents will gather information on reptile, amphibian, or small mammal communities of the project area. NMDGF concurs that opportunistic observations during bird and plant surveys should be adequate to document use of this relatively small area by medium to large size animals. Raptor nest searches. Baseline studies should include raptor nest searches of all cliff or rimrock nabitat and any large trees within ½ mile of all proposed project facilities, including roads. The activity status of any nests which are found should be determined during the appropriate season.	clarification regarding the distance required beyond the parmit area, which is stated as both 1/2 mile (NMDFG) and 1 mile (MMD). Understanding that species sensitivities vary, Laramide requests the use of a 1/2 mile survey biffer where unlikely or lower quality habitals (such as half ways or developed lands) would be included, and to focus on likely habitats such as the cliff line and slopes within the 1 mile buffer.
			MMD:	
23	Wildlife	5.3	19.10.6.602.D(13)(d)(3): 1. Protocol surveys must be conducted for Gray Vireos and Spotted Bats. Please commit to conducting the protocol surveys for these species, and specify when this work will be completed.	Laramide commits to providing surveys for gray vince within the Permit Area and Affected Area. We request confirmation of survey techniques for spotted bat (accustical methods). If conditional SAP approval is allowed, these surveys would be conducted during the current year, to the extent feasible. Laramide's contractor would request confirmation from NMODF regarding protocol specifics and approval of accustic monitoring techniques. We propose to determine the presence of or use by turbareers, small marminals, and regilies via observational surveys conducted concurrently with vegetation and brid surveys, since the Permit Area components and their associated Affected Area are of action to fuel with aventeen aurona.
			2. Raptor nest locations need to be mapped, and raptor breeding activity needs to be documented. Anticipated impacts to raptors from mining operations cannot be addressed without this information. Please commit to searching for, and mapping, all raptor nests within the permit area. Please commit to documenting raptor breeding activity annually. Raptor breeding pairs commonly establish alternative nest sites in relatively close proximity to one another. Alternative nest sites may be located adjacent to the permit area, and an extension of the nest search area to one mile beyond the proposed permit boundary may provide evidence that other nesting sites are available, and could mitigate nests disturbed by mining activity. Please commit to searching for and mapping raptor nests within one mile beyond the proposed permit boundary.	Ut a set to allow full oper valuate correlage: Laramide agrees to conduct rapbur use and nest surveys during the appropriate season (s). We request clarification regarding the distance required beyond the permit area, which is stated as both 12 mile (NMDFG) and 1 mile (MMD). Understanding that species sensitivities vary. Laramide requests the use of a 12 mile survey buffer where unlikely or lower quality habitals (such as habitynesy, developed ands) would be included with expanded focus on likely habitats such as the cliff line and slopes within the 1 mile buffer.
			 Please propose a plan for determining the presence, distribution and relative abundance of furbearers, small mammals and reptiles, and any key habitat areas that these animals may be using, within the proposed permit area. 	

24	Wildlife	5.3	Ensure up to date species lists are included in the BDR.	Laramide agrees that applicable species lists will be updated in the BDR v.0.				
25	Wildlife	5.0	45.3.4.2 Forest Service Regional Foresters' Sensitive Species List 19.106.602.D(13)(d)(v) does not seem to be adequately addressed in the current BDR. Please answer this section in more detail. For example: A noted in the MM OF comment from 2010 Agency comment; impact of habitat fragmentation needs to be considered this section to include habitat fragmentation impacts from the Permit Area, specifically the utility corridor.	angered Wildline Species ansitive Species List adequately addressed in the current BDR. Please answer this section in more detail. Lara adequately addressed in the current BDR. Please answer this section in more detail. Lara angered wildline section addressed in this summary. Update mpacts from the Permit Area, specifically the utility corridor. ap Oralt BDP was collected. MMD will service an smended coll samplion data be submitted for MMD service in				
			Due to the length of time since the data for the Draft RDR was collected MMD will require an amended soil samplion plan he submittee	d for MMD approval to	1 I aramide concurs this nuidance will be incorporated as appropriate. Depth to bedrock is problematic			
26a	Soil	6	The control of the second seco	lata, is not currently RCLA uranium mine	Laterative control and gradients which decompositions to spip a decimal opport of backhold processing dec USPS comments of sreaponsal and will be discussed in the DRV v. 0. Largend believes reactivity and geochemistry testing in the DBDR seem in contornity with 2022 Guidance. 2.Laramide Section 6 sob baseline data which examines subability of Permit Areas and for reclamation purposes. Characterization of the borrow material used by the USPS would be undertaken it. Laramide were to propose also using that borrow material used by the USPS would be undertaken it. Laramide and share information obtained from USPS which documents aspects of the referenced reclamation activities. Laramide agrees to update rediological surveys in the DRV v. 0. bocument new conditions at USPS remediation sites adjacent to the permit area (see Section 13 comments below).			
26b	Soil	6	1 Sol Bampling and Radiogical Survey: Conduct update & expanded soil sampling to assess current conditions, especially considering potential impacts from nearby historic subsequent redamation. Having reviewed the RAD survey; additional sampling should be done to address findings from Section 13 (Radiological Survey) of th elevated radiation levels in the permit area. Soil sampling should also incorporate testing parameters described in the 2016 Guidance for Meeting Radiation Criteria Levels and R Unanium Mining Operations. 2 Include soil testing representative of all soil series in the Permit Area. Both the escape raise, and Utility Road locations will need to b cover material stored for redamation. 3 Include spatial distribution of soil testing representative of the soil types and characteristics (salvage or depth). MMD suggests expan account for potential borrow sources, if they are needed.	c mines and the e Draft BDR, which noted eclamation at New e included in analysis for nding the soil testing to	1. Laramide proposes to update radiological surveys to document changes at inclaimed areas adjacent to the Permit Area, and to validate the existing baseline data in the Permit Area. This could include soil sampling and analyses following Section 13 and 2016 guidance, the locations of which to be described in a revised SAP (See Radiological comment S7). We would like to discuss whether USPS reclamaton activities outside of the Permit Area have affected Laramide's soil baselines are affects to the purpose of Section 6 of the BDR. Laramide proposes that additional soil characterization as per Section 13 and 2016 Guidance could be done in the Permit Area in areas of concern identified in gamma surveys. Details of updated surveys will be provided in an revised SAP. 2. Laramide agrees to soil sampling for suitability and depth for all proposed cover materials.			
27	Soils	6.3.3	Clarify if waste rock originating from adit development or development of the escape raise is being considered as an alternate cover m included as an alternate cover, please expand the soil section to include characterization for the escape raise waste rock as well.	Waste rock was characterized in parallel with the soil samples and with the prescribed testing for evaluating cover material. Additional studies of waste rock for suitability as over material will be concluded as the material becomes available, as will be described in the MORP. Laramide considers the volume of waste rock from the escape raise to be relatively insignificant, making it unlikely to be considered for use a cover material.				
28	Soils	6.3.3	Alternative Cover sources. While this section considers rock size and eradiability, compared to salvage soils, it does not address the w support plant growth 1910 6.602 (131(e)) eraquires alternative cover to show suitability for vegetation. Any proposed alternative cover same baseline characterization as the salvaged soils. MMD will require additional chemical composition of the waste rock to determine suitability as an alternate cover. Also see the 2016 G Radiation Criteria Levels and Reclamation at New Uranium Mining Operations for more details.	aste rock's ability to r should be subjected to the Guidance for Meeting	Please see the DBDR tables 65 through 6.9. Subtability of waster crock as growth medium is also discussed in Sec 53.3 of the DBDR. The Section 6 and 2006 foculdance-presented testing for cover materials will be followed for all proposed cover materials as part of further studies. Waste rock is currently unavailable for study, but the potential further characterization of waste rock as cover material will be described in the MORP.			
29	Soils	6	For future consideration for the MORP: 1As stated in MMD's Soil Guidance from 2022 section 6, "Any proposed Cover Material that is not undisturbed native soil should be te program to demonstrate how the sected native plant community responds". MMD recommends incorporating this component into future 2 Also include an analysis of the quantity/volume of available cover. 3. As stated in this Draft BDP, wind endobility of the soils in map unit TES 105 is severe. The MORP should include an element of pre- salvaged soil stockpiles.	asted through a test-plot re plans (MORP). venting wind erosion on the	Laramide will follow MMD Guidance in future studies of cover materials. The MORP will include the description of cover material volume, handling and preservation.			
30	Soils	6.3.3	As stated in MMD guidelines, please include laboratory detection limits.		Laramide will include laboratory detection limits in the BDR v.0.			
31	Soils	6.3.3	Anomalies in data should be investigated further. See also MMD previous comment 2 regarding previous mining and subsequent recla interfering with consistent & reliable soil data.	amation potentially	While there is some variability in the reported Cu, Pb and As values from the AB-DPTA extraction (the accepted technique for this survey), the extracted amounts are quie low compared to either crustal abundances or 2022 plant suitability standards. Melal values reported are typically one or two orders of magnitude less than the amount which would be unsuitable for plant life. Laramide does not interpret that variability in the Section 0 BDBR data comprise anomalies of concern. Laramide would like to discuss whether USFS remediation activities outside of the permit area have imparted the soil of the permit area save relates to 2020 a shallow plant and a share and a share and outside a balance thanges to existing conditions after USFS reclamation activities.			
			MMD will require additional details on waste rock characterization and this section to be updated to the 2016 Guidelines. 4Expand sampling for the metals/adioactive isotopes listed in the 2016 guidelines for analysis of waste rock to determine more accura material for use accover. 4See also related NMED GWQB comment regarding categorization in the August 12, 2010 Comments on the SAP (below).	ite volumes of available	The 2016 Guidance addresses characterization of cover material and will be applied to waste waste rock that is proposed as cover material. Waste rock samples are generally unavailable prior to operations. Because expanded evaluation of waste nock as over material is not currently feasible, Laramide proposes to conduct this characterization after the commencement of operations, to include test plots and other applicable aspects of the 2016 Guidance. A description of these activities will be included in the NORP. Waste rock characterization in the DBDR conforms to waste rock characterization guidance if not considering waste rock as cover material.			
					There are 8 Westwater samples and 5 Bluff samples in the DBDR, a different ratio than what the			
			Section 7, Orebody and Geology In Section 7.2 it is stated that characterization of waste rock will be done in such a manner that "The number of samples of each unit is proportional to the expected volumes in the piles." A review of Table 7-1 indicates that over half the material (151,900 dV) will be derived from the Vestwater Canyon Member. The number of samples proposed for the IV setswater Canyon Member is five, the same number as that proposed for the Bluff Sandstone which will represent half as much waste rock material (86,600 yd ⁴) as the Westwater Canyon Member volume. Given the high volume of		Laramide agrees to sample waste rock periodically during operations. It is not feesible to characterize the variability across the total length (5,000 ft) of the access turnel before initiating mining. A description of this sampling will be included in the MORP.			
32	Orebody and Geology Desc.	7.5.2	Westwater Canyon Member waste material being brought to the surface and the greater potential for contaminants within the Westewater Canyon Member relative to the other formation material brought to the surface. NMED recommends a much greater frequency of sampling this material. Further, it is indicated in Section 7.2.1 that a geologist will study core samples obtained during exploration and "evaluate the core samples for uniformity and select sections that are representative of the formation". It is unclear how this will result in a selection of samples that represent any spatial variability that may be encountered during the excavation of inclines over 5000° in length. Further sampling and analysis is likely to be required during operations to characterize material as it is brought to the surface. Analytical requirements may include analysis such as EPA Method 1312 (SPLP) to determine the potential for leaching of metals. Although sampling of core will be representative of the natural arenaterial removed during exploration activities, it is unclear if the existing core will be representative of the actual material removed during excavation of the inclines and escape mise, and during mine development.					
			The MORP should expand further on how the La Jara mine will account for this volume of material needing to be stored in a protective rock available for alternate cover. See also the below comment from the previous SAP comments in reference to escape raise waste rock:	manner versus the waste	Noted for MORP.			

			MMD would have preferred that at least one sample be collected and analyzed from each of the geologic units anticipated to be stockpiled on-site (i.e. Tertiary basalt layer, ash tuff layer [Mesa Verde Group], Mancos Shale, and Dakota Sandstone). However, since the SAP states that core samples from these units were not retained, MMD recommends that the Mine Operation Plan include sampling and analysis of these units during excavation of the escape raise. MMD is not particularly concerned about the potential for these geologic units to create environmental contaminants through interaction with water once stockpiled, but believes it prudent to verify the anticipated innocuous nature of these materials.	Noted for MORP.
33	Orebody and Geology Desc.	7.52.2	"There are a few anomalies in the ABA data." Anomalies in data should be investigated further. While Laramide considered a theoretical explanation, additional analysis does not appear to have been performed.	Laramice believes that the variability in the ABA data reflects the normal expected range of privite and colicic contents for the rock formalions sampled. The intent of the ABA study is to determine the pdartial for water discharger from the waste rock pile to be acidic, which if acidic could theoretically transport metals of accorem (if there were any in the pile). In 24 waste rock samples, the average privite content (main driver of AGP or acid generation) is 0.3% (low). Only three of 24 samples contain more than 1% prine, with a high value of only 1.4%. Most samples contained less than 0.1% privite. The average AGP is 6.4 while the average acid neutralizing pointial, or ANP (driven by cacillo content) (s 173. 1. A calculated ABA (ANP-AGP) of >20 is considered to be confidently non acid-generating. Only 724 samples had na ABA of less than 20 and the average ABA of the waster ock samples is a 70.8 (strongly acid neutralizing). Camples peedform in the waster ock is overall strongly acid in eutralizing. Camples peedform interval the Modified Sobek Analysis has already reported - that a minor number of waste rock samples contain around 1% pyrite, and most samples contain significantly more calcile that pyrite.
34	Orebody and Geology Desc.	Figure 6 from Application Dated June 6th 2024	In accordance with 19:10.6.022.D[13](): IMUD is requiring comprehensive maps and supporting data. While Figure 6 shows geological formations, it is insufficient, IMUD will need the blow data. See also, NMED Ground Water Volcally comments and OSE comments regarding geological formations, it is insufficient, IMUD will need the blow data. See also, NMED Ground Water Volcally comments and OSE comments regarding geology/hydrology. Additionally, MID is providing examples of Surface/Cround water hydrology baseline data for Laramidis reference. -Cross sections depicting natural/spth of aquifers specific to the Permit Area and affected areas/areas of potential affect 4+ydrology, groundwater quality data, and cross sections of the proposed extraction well location +Veathy springs +Vellaborabie logs +Hydrology of nocharge to springs in the vicinity. Below was a previous MMD comment that is still applicable as figure 6 from the June 6th application contains the same content: "The cross-section included in Figure 7.1 of the SAP is adequate for the SAP, but is too generalized (i.e. not to scale, too small) to incorporate into future documents like the BDR. It is MID's opinion that scaled geologic cross-sections with increased geologic detail, based on actual geologic logs from within the project areas. About do included for cross-sections presented in the BDR. The BDR should also include a plan view figure (or figures) showing the locations of the exploratory boreholes used to create the geologic cross-sections."	Laramide agrees to provide more detailed, scaled geologic maps and cross sections in the BDR v.0. Laramide has engaged a hydrogeologist to address the hydrology/groundwater comments which will be addressed in appropriate sections of a revised BDR.
35	Orebody and Geology Desc.	Tables 7-3 and 7- 4	Table 7-3 & 7-4 provides details on Metal Leaching and was compared to 1994 standards. Please ensure data is compared to the most recent WQCC standards.	Laramide agrees to revise tables 7-3 and 7-4 to compare results to current WQCC standards.
			See teelw for specific concerns to address in the amended sampling plan. 1 According to give 84, Permi Kraes consess the delineated watershed. Oranage E is considered part of the impacted watershed and shall be included in sampling and data. Annotated image below, red circle indicated where the Permi Area crosses the watershed. 2 Surface water should account for the entire affected area; including escape raise and utility corridor. 3 Set surface water should account for the entire affected area; including escape raise and utility corridor. 3 Set surface water quality form all three drainages exciting in and leaving the Permit Area. See the below Annotated Surface water map. No data was collected for drainage "D" (see Figure 84.), although this drainage specifically showed higher radioactive readings in the RAD survey (below). 4 Expanded water quality testing around the Permit Area, is a labeled below) to brack the water quality around La Jara Messa Mine to adequately evaluate affected areas versus non-affected areas. 5 Sampling additional areas neerol (due La Jara mine footprint, shown with higher RAD survey readings. 6 Include data on the on-going changes to the flanking arroyce (A and E). As noted during the onsite inspection, as well as in the BDR data, significant erosion and sediment movement is occurring within these drainages. These areas fall under areas of potential impact.	discuss additional surface water sampling locations that will be required once these boundaries are defined. Note that the Permit Area and Design Limit will be updated to reflect the current mine plan and a more accurate understanding of where ground disturbance will be necessary. Laramide expects to sample any affected Permit Area drainages.
36	Surface Water	8	Pcture	
37	Surface Water	8.3.2	In section 8.3.1 the Draft BDR states "Channel scour, head cutting, and redistribution of sediment were observed during field investigations" and in section 8.3.2, personnel visited surface water states after rain event: "Sediment deposition buried the mounting tube at locations LIM-SW-02 and -03 from the August 2011 rainstrums (RAthenne 8.4). Protos 3 and 4). No specific details are provided on the scale of the specific rain event or impact of scouring on channels. Events such as this relate to MMD concerns on site specific rainfall and active changes to the channels and watershed delineation. See USFS comment #16.	Laramide agrees that additional details on scouring rates of these features, as evident in aerial photographs, will be included in the updated BDR v.0.
38	Surface Water	8.3.4	In accordance to 19.106.802.0133(g)(i) Provide additional maps including: map of spin focusions relative to the permit area. See previous MMO comment 34. Watershed mapping: to include adjacent watersheds. The considered watershed was limited in size and did not include surrounding watersheds, or regional watersheds. Also see the prior 2010 NMED comment from the SAP that still remains. In Section 9.1.1 it is indicated that the hydrogeologic regime of the aquifers within the permit area will be described based on available published sources. In Section 9.1.3 it is indicated that an inventory of wells and springs within a one mile radius of the main facility will be conducted and water levels will be recorded of all existing wells documented through this investigation. No water quality sampling is proposed. NMED recommends that an inventory of wells and spring be based on the results of the hydrogeologic characterization of the area surrounding the proposed facilities and mine, rather than an arbitrary one mile radius from the main facility. Further, any wells or springs inventoried during this investigation should be sampled on a quarterly basis for one year to establish background conditions as required under the New Mexico Mining Act.	Laramide agrees that updated maps, including those requested, will be provided in the updated BOR v.0. Applicable NMED commants will be addressed in the revised SAP. Laramide agrees that additional detail will be provided in the BDR v.0 describing the hydrogeologic regime in the vicinity of the La Jara Mesa site. This description will provide supporting detail for why the referenced springs are not within Alfected Area.

39	Surface Water	Page 8-6, Section 8.4	Probable Hydrologic Consequences. This section states that San Matero Creak has no hydrologic connection with bedrock aquifers and would not be affected by water supply pumping from bedrock aquifers. As a clarification, explain how the San Mateo Creak waters have no hydrologic connection to bedrock aquifers with respect to potential recharge through faults and sub-cropping of alluvium with bedrock formations.	The BDR vD will include the current new plan for water supply, which Laramide believes makes this comment no longer applicable.
40	Surface Water	Section 8.4	Probable Hydrological Consequences. Laramide should collect baseline data, such as flow rates, of nearby springs to determine any future impacts to potentially affected areas. OSE notes the conflicting data showing evidence of springs emanating from La Jara Mesa	Additional detail will be added to the BDR v.0 describing the hydrogeologic regime in the vicinity of the La Jare Mesa Permit Area. This description will provide supporting detail for why the referenced springs are not within Affected Area. Laramide does not currently propose to sample water from the springs.
41	Ground water	9	MID is requiring an amended sampling plan & subsequent baseline data to be submitted. See below for specific concerns to address in the amended sampling plan. -Wry new groundwater data for the region: for example, 2022 San Mateo Creek Basin Central Study Report -Updated wells -Updated ground water analysis/monitoring	Laramide agrees to providing an amended SAP that references updated groundwater data.
42	Ground water	Section 9.1	Page 9-1 states that "the proposed Permit Area is in unsaturated rocks, situated as much as 600 feet above the shallowest regional aquifer in the area." This statement is contradicted by Section 9.2.2 a which states that the estimated water depth in the Entrada Sandstone could be 320 feet beneath the Permit Area and is the aquifer for the Elikins well 8-127. Please clarity.	Laramide agrees that the BDR v.0 will be updated to add additional clarification on depths to various units and aquifers across the project area. Given the amount of topographic relief across the site, onenralizations can cause confusion. as is hinkinghold by this comment.
43	Ground water	Section 9.1	Page 9-1 states "the anticipated dry mine conditions is based on exploratory drilling at the site and research and study of regional groundwater conditions in the area." Laramide shall provide data to demonstrate that the mine workings are anticipated to be dry. Data should include drill logs from representative boreholes demonstrating that little to no water was encountered in the units anticipated to be encountered during mine development and active mining/extraction.	a more detailed description of the site.
44	Ground water	Section 9.1	Page 9-1 and 9-2 state "the objectives of the groundwater baseline assessment included2) developing a baseline inventory of wells, springs and groundwater uses within 1 mile, or reasonable radius, from the surface facility portion of the proposed Permit Area (Plate 2)." There is no further data or discussion about the presence or absence of springs in the mare accept later in this section whiter reports numerous springs on the east's due'd the adding adding and the presence absence of springs in the mare accept later in this section whiter reports numerous springs on the east's due'd the adding adding and the the presence absence of springs, where they are located relative to the Permit Area, and what the probable hydrologic consequences of pumping will have on known springs.	Laramide agrees that additional discussion of the springs will be provided in the BDR v.0. It is noted that USGS Water-Resources Investigations Report (WRIR) 94-4178 states that springs "issue from baselist along the margins of the mesas near Grants". Reference: Baldwin, J.A. and D.R. Rankin, 1995. Hydrogeology of Cibla County, New Mexico, U.S. Geological Survey Water-Resources Investigation Report 94-4178, prepared in cooperation with the New Mexico Bureau of Mines and Mineral Resources and the New Mexico State Engineer Office, 102pp.
45	Ground water	Page 9-3, Section 9.2.1	The statement "the Gordon potentiometric surface provides a good indication of the groundwater flow direction in the proposed Permit Area, due to limited groundwater development" should be accompanied by data such as maps from this report demonstrating the potentiometric surface discussed here.	Laramide will update the BDR v J) with Figure 8 in Shoemaker and Samuels (2009) which provides a map sourced from Gordon (1961) showing pre-development water-level contours in the alluvial and bedrock aquifers in the Grants-Bluewater area. The La Jar Mess study area is included on Figure 8 in Shoemaker and Samuels (2009). Maps from Gordon (1961) and/or Shoemaker and Samuels (2009) will be added to support the referenced discussion. References: Shoemaker, J.W. and K.E. Samuels, 2009. Regional Hydrogeologic Setting of La Jarn Mess Project, Clucka County, New Mexico, Draft report prepared for Laramide Resources, April 6, 2009. Gordon, E.D., 1961. Geology and Ground-Water Resources of the Grants-Bluewater Area, Valencia County, New Mexico, New Mexico State Engineer Technical Report 20, 109 pp.
46	Ground water	Sections 9.2.1 and 9.2.2	Pages 9-3 and 9-4 state that the Entrada Sandstone is a potential water-bearing unit in the Permit Area. As discussed above, the Entrada is reportedly saturated 3 miles southwest in Elkins well B-1272. No discussion in the BDR is provided for wells B-1340 and B-1341 identified on Figure 9-1, however the NMOSE website contains applications to appropriate water from these locations and identifies the target depth to water as 300 feet. While B-1340 and B-1341 do nd and B-1341 do nd appear to have been drilled, the data implies that groundwater could be as shallow as 300 feet below ground surface below the Permit Area. MMD recommends drilling an exploratory borehole within the Permit Area to establish baseline conditions and depth to groundwater.	Laramide agrees that discussion related to wells B-1340 and B-1341 (at least their locations, if the wells were not dillied) and depth to water in the Entrada Sandstone will be added. The well record for well B-1272 indicates "white water (@ 701f" in a sandstone unit. Based on the log descriptions, it would appear that the water at a depth of 101 kilkely under unconfined conditions. The well record for well B-1272 abio indicates "water in the depth interval 135 to 156 ft in a sandstone. The log descriptions suggest the presence of shale in the depth interval 135 to 156 ft in a sandstone. The log descriptions suggest the presence of shale in the depth interval 120 to 135 ft (the well record describes the matter encountered between 120 and 135 ft as "Red shell", which is interpreted to mean shale that is red in color was encountered). Laramide will consider drilling of an exploratory borehole in the Permit Area to establish baseline conditions and depth to water.
47	Ground water	Plate 3 Regional Geologic Map and Plate 4 Hydrogeologic Cross-Section	The resolution of this plate is poor and uses the geologic map from 1967. Please update this figure to increase resolution and use Cather (2011) as the basis. Several groundwater wells shown on Plate 3 and projected onto cross-section A-A are not actually projected onto the cross-section. For example, well B01272 (Elikins well) is shown to be projected not the cross-section plate 4. Please correct. Plate A has mixed measurement units, meters on the X-axis and feet on the Y-axis. Please use one measurement unit and calculate/identify the vertical exaggaration of the cross-section. Plate 4 shows the approximate location of the mine portal to be within the Bluff Sandstone, however Figure 6 (Site Geology) of the application shows the mine portal to be in unit Jm, Morrison Formation. Please clarify.	While not stated, Laramide inferred that the first comment refers to the geologic map base for Plate 3. Plate 3 will be updated to improve resolution. The Cather (2011) geologic map will be used as the base for Plate 3. It is agreed that Plate 3 indicates wells B01272, B0028 S-305, B0770, and B0028 S-298 are projected onto geologic cross section A-Y that is presented on Plate 4 but these four wells are not shown on Plate 4. These wells will be added to Plate 4 unless a different cross section in its is chosen for a replacement Plate 4, in which case the portrayed well may be somewhat changed. The horizontal scale on Plate 4 will be adjusted to be shown in feet and the vertical exaggeration of the cross section will be shown. The discrepancy the comment notes between Plates 4 and Figure 6 regarding the approximate location of the mime portal will be clanified. Reference: Cather S. 2011. Geologic map of the Dos Lomos quadrangle. Clobia and McKiniey Counties, New Maxico, NMBGMR Open-file Geologic Map 219, New Mexico Bureau of Geology and Mineral Resources, last modified in 2013.
48	Ground water	Page 9-4, Section 9.2.2.1.	Quaternary Alluvium. This section dismisses the possibility that quaternary alluvium could yield a reliable source of water. Provide more analysis of whether the alluvium is a recharge source for bedrock aquifers.	Laramide agrees that additional discussion of whether the alluvium is a recharge source for bedrock aquifers in the vicinity of the proposed action will be included in the BDR v.0.
49	Ground water	9	19:10.6.602 D (13) (a) "liniholday and thickness of each geologic unit below the site indicating which units are water bearing, cross sections and potentiometric maps indicating the location of wells and ground water flow direction in the vicinity of the site, and references or sources for this information," Table 3-1, Plate 4 and Figure 6 only partially satisfy this requirement. MMD will need additional mapping and data to support the expected ground water For example: General regional mapping was not provided (San Juan basin), "Data supporting depth to first aquifer, who well data provided for areas. Gordon (1951) constructed a pre-development potentiometric surface of the alluvial and bedrock aquifers in the Grants and Bluewater region I however this data was not provided.	Laramide agrees that additional information identified in the comment will be compiled and submitted as part of BDR v.0. Piele 2 In Corton (1981) presents potentiometric surface contours for the alluvial and bedrock aquifers in the Grants-Bluewater area. <u>Reference:</u> Gordon, E.D., 1961. Ceology and Ground-Weter Resources of the Grants-Bluewater Area, Valencia County, New Mexico, Technical Report 20, New Mexico State Engineer.
50	Ground water	Plate 4	Update plate to reflect newest data and water levels. The date of the data collection should be included on maps.	Comment noted. It is interpreted that this comment is referring to Plate 4. The plate will be updated with the most current applicable data and water levels.
51	Ground water	Plate 4	Interpare is insumicate to determine the expected hydrology of the site. The alluvial base from the Mesia only accounts for a portion of the hydrology. No data is provided for the larger watershed footprint upstope from the site, or for the larger Rio San Jose Basin the project is located in.	Laramice agrees that additional hydrogeologic information for the watershed and Rio San Jose Basin will be added to the BDR v.0.
52	Prior Exploration and Mining	10	Due to the length of time since BDR data was collected, reclamation of historic mines has occurred in the Permit vicinity since submittal. Please update this section to reflect activity in the area since this Data BRD was submitted.	Laramide agrees to including updated USFS reclamation information in the BDR v.0.
53	Prior Exploration and Mining	10	In accoreance with 19.10.5.832.U(13)(1) Hease provide a map including the following: La Jara Mess Permit Boundary, the reclaimed footprint of the Historic Mines (Taffy, Zia, and Old La Jara). This can be included under Figure 4 from the June 6 th Application. "Pest Exploration activity".	Laramioe will include current boundanes in the BUR v.O.
54	Prior Exploration and Mining	10	Cultural Resources Section; MMD will be utilizing the US Forest Service cultural resources process (section 106) to satisfy our requirements. This section will need to be updated to reflect on any changes occurring through the section 106 process.	Laramide will update the cultural resources sections with current information related to the ongoing Section 106 Consultation process in the BDR v.0.
55	Historic Places and Cultural Properties	11	ownce are unar ount was suomeeo in 2013, ne proposeo permit area has since been designated as part of the Traditional Cultural Property ML Taylor. This section will need to be updated to reflect the TCP status and impacts, as well as any on-going section 106 updates.	Latantoe will update the cultural resources sections with a current discussion of the TCP status and provide information related to the ongoing Section 106 Consultation process in the BDR v.0.

			MMD will require a new RAD survey to be conducted due to the time since collection and due to USFS/CERCLA activities occurring on and immediately adjacent	Laramide notes that the 2011 gamma survey data instruments were cross calibrated to a High Pressure
			to the Permit Area. An amended sampling plan will need to be submitted for MMD review.	Ionization Chamber (HPIC) and all gamma count rates converted to exposure rates. Given the very long
				original data to newly acquired data in various locations of the site should be sufficient to show the 2011
50	Dadialagiaal Conserv	10		survey is still valid and that a new site-wide survey is unnecessary. Where site conditions have
30	readiological Survey	15		changed, due to USFS/CERCLA activities, new survey data will be collected to replace the data that is
				no longer representative of site conditions. An amended sampling plan will be submitted to MMD for
				review.
			As described in the Part 6 guidelines the Radiological survey should be comprised of the following: The proposed scope of work for the radiological survey	The 2011 gamma survey included the primary permit areas such as roads and facility locations as well
			Should provide a baseline for radiophamical contant and include a gamma-support of the primary namit areas such as roads and facility locations as well as notantial downstream affected	as potential downstream affected areas. New access route portions will be included in a new survey as will local great of new data collection overlapping the old survey in order to demonstrate the continued
			The real content and include a gamma solvey or not primary particulars solver and the analytic content and include a gamma solvey or not primary particulars as reas and a content and include a gamma solvey or not primary particulars as reas and a content and include a gamma solvey or not primary particulars as reas and a content and include a gamma solvey or not primary particulars as reas and a content and include a gamma solvey or not primary particulars as reas and a content and include a gamma solvey or not primary particulars as reas and a content and include a gamma solvey or not primary particulars as reas and a content and include a gamma solvey or not primary particulars as reas and a content and include a gamma solvey or not primary particulars as reas and a content and include a gamma solvey or not primary particulars as reas and a content and include as particular as reas and a content and include as a content and includ	validity of the old data.
			and gross alpha/beta.	The 2011 field work consisted of collecting 64 samples, of which 12 samples were submitted for
57	Radiological Survey	13		radiochemical analyses, including for all parameters listed (Total U, Total Th, radium-226/radium-228,
			MMD requests that the amended sampling plan includes the above components.	thorium-230, and gross alpha/beta). These sample results and locations should be acceptable for
				he collected and analyzed, as identified as necessary when developing an amended sampling plan
			The RAD survey shall include all affected areas, including the expanded footprint of the expanded road. Due to Historic Reclamation on and surrounding the	Laramide has determined that any additional gamma survey data will be collected to include any
58	Radiological Survey	13	immediate area of the Permit Area it is important to gather complete data from the surrounding areas for accurate baseline data. As other pre-act mining activities isliciatically here about wideprecide combining the wind beaute accession. MMD beingen it is excluded for Leven to beaute beaute accession.	proposed changes to the permit area, expanded road, and buffer around the permit area. Additional
	radiological carroy		the RAD survey to ensure accurate pre-disturbance RAD levels.	radiological condition these areas.
			As previously menuoned, the below KAD survey tooprint doesn't appear to be the same as the proposed road. When conducting the new KAD survey, ensure it covers the proposed road footprint.	disturbance/baseline) radiological condition the expanded road.
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59	Radiological Survey	DY:		
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Com men	Sectio n	Subse ction	Agency Comment	Laramide Response/ Attachment
1			The dath baseline data report (Section 11-1 Historic Cultural Properine) does not address the results of testing regist acroace/goal dates state eligible for inducion for fision in the National Register of Historic Places (NRHP) or altes whose eligibility for listing was indeterminate pending the results of lasting. The report will need to be updated to include information on the results of such testing.	Laramide agrees to update Section 11 of the BDR v.0 to include testing results at archeological sites.
2			The discussion of Traditional Cultural Properties (TCP) does not include a thorough discussion of the TCP and the anticipated adverse effects. Some discussion on ways to mitigate adverse effects would be warnande-including the Cibola National Forest's ongoing consultation with the tribes on effects to the TCP.	Laramide agrees to update potential effects of the project on the TCP to reflect current information.
3			Two references are missing from the References section.	Laramide agrees to update references in the BDR v.0

DY: Possible Newcomer task DY: Poorly worked. The mined material is about that high above the aquifer, not the portal facilities. DY: No holes or logs go beneath the ore body. However, there is no plausable recharge area for the sand units, which dip away from their narrow outcrop. And the sands are capped by impermable.

DY: See maps accompanying Discharge Pernit. Having said that, the Gordon Potentiometic Surface is for an area far away and is not very convincing re groundwater flow directions at the portal site. DY: A well to document groundwater at mine site (and as monitor well for future) seems like a normal thing.

Comm	Secti	Sub secti	Agency Comment	Laramide Response/ Attachment
GIIL #	011	on		
MECS	2		Section 2.0 – Climate data is collected from the Homestake mill. The Homestake Mill is in the open plain of the San Mateo Creek Basin, while the LJMP is on the foothills and approximately six miles away. NMED-MECS has observed significant differences in regional climate data at distances of one mile, as localized storms are common to the area. NMED-MECS recommends the LJMP install a weather station on-site for accurate climate data and or at minimum update the climate data for the period of 2013-2023	A more in-depth regional analysis of climate data will be included in the updated BDR v.0, which will include consideration of orographic effects. A description of how the regional climate data is being used to inform project design in a conservative manner will also be included
MECS	6		Section 6.0 –a.Hot water extraction was performed to evaluate soil with respect to nutrients. Some horizons showed elevated arsenic, lead and copper. NMED-MECS recommends additional testing be done on these horizons at a new location in the project area to verify the presence of these potential contaminants. As part of the material characterization of a mine site, NMED-MECS requires meteoric water mobility procedure, or another approved method, to determine the leaching potential of site soils. NMED-MECS recommends testing of this nature be completed and submitted. b.The Summerville is the main geologic formation to be used as the stockpiled base for operations and the bedrock at the surface. Table 6-6 does not include the Summerville formation for waste rock testing. NMED-MECS recommends testing be performed on the Summerville formation.	Laramide respectfully requests to not conduct test procedures designed for metalliferous mine waste rock on project area soil samples. The Section 6 soil surveys are for studying soil suitability as growth medium. Meteoric water mobility testing is used to test the potential for mine waste, generally known to contain heavy metals, to leach those metals under meteoric conditions. Compared to waste rock at a copper mine, for example, there is no reason to suspect that copper, arsenic or lead minerals susceptible to leaching are contained in La Jara Mesa project soils. Consistent with that, while there is some variability in the reported Cu, Pb and As values from the AB-DPTA extraction (the accepted technique for the Section 6 characterization), the extracted amounts are quite low compared to either crustal abundances or plant suitability standards. Metal values reported are typically one or two orders of magnitude less than the amount which would be deemed unsuitable for plant life as per 2022 Guidance.
MECS	7		Section 7.0 – Based on the geologic maps shown, the mine facilities will be placed on the Summerville formation. A description of this geologic unit is not present in the BDR. NMED-MECS recommends a detailed description of the Summerville formation be added to this section.	Laramide will update the BDR v. 0 to include a description of the Summerville formation.
MECS	9		Section 9.0 –a.Water quality data for the region is sourced from Homestake Mining Company (HMC). As stated in Comment 1, the LJMP is a notable distance from HMC and in a different groundwater regime. HMC has impacts from current and historic regional mining and milling processes which most likely would not be similar to the site conditions at LJMP. NMED-MECS recommends LJMP locate another source of information closer to its location for water quality data for all aquifers proposed for use in the project.b. The BDR only contains a brief description of "unsaturated" as the water bearing potential for the operation. NMED-MECS recommends the inclusion of geologic and drilling logs from site drilling activities or other additional lines of direct evidence that supports this statement for all geologic units to be encountered at the LJMP. c.A more extensive description of the groundwater of the Summerville formation is needed in the BDR since it will be the geologic unit. d.NMED-MECS recommends an updated search for wells in the region. e. The New Mexico Administrative Code Standards for Ground Water, under 20.6.2.3103, have changed since the 2013 submittal, effective December 21, 2018. NMED-MECS recommends revising Table 9-2 with the current NMAC standards.	Laramide agrees to address these comments in the BDR v.0. Laramide will provide representative driller's logs which document the unsaturated nature of the explored strata.
MECS	13		Section 13 – a. At the time of radiological surveys, regional mines on neighboring United States Forest Service land have not been reclaimed. NMED-MECS recommends the site radiological survey be completed again to establish site background as described in the Joint Guidance for the Cleanup and Reclamation of Existing Uranium Mining Operations in New Mexico, March 2016. b. In the new survey, NMED-MECS recommends expanding to the west and south of the red-outlined areas on Figure 2-7 and along the road in the section near highway 605 where existing elevated radiological impacts may be present.	Laramide plans to update radiological surveys at adjacent USFS remediated sites to characterize new existing conditions and provide this information in the BDR v.0. The Permit Area and Affected Area will be defined and updated methods identified in the revised SAP.
AQB			20.2.15 NMAC, Pumice, Mica and Perlite Processing. Including 20.2.15.110 NMAC, Other Particulate Control: "The owner or operator of pumice, mica or perlite process equipment shall not permit, cause, suffer or allow any material to be handled, transported, stored or disposed of or a building or road to be used, constructed, altered or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne."	Laramide agrees to comply with air quality-related particulate control measures that apply to it's activities.
AQB			Paragraph (1) of Subsection A of 20.2.72.200 NMAC, Application for Construction, Modification, NSPS, and NESHAP - Permits and Revisions, states that air quality permits must be obtained by: "Any person constructing a stationary source which has a potential emission rate greater than 10 pounds per hour or 25 tons per year of any regulated air contaminant for which there is a National or New Mexico Ambient Air Quality Standard. If the specified threshold in this subsection is exceeded for any one regulated air contaminant, all regulated air contaminants with National or New Mexico Ambient Air Quality Standards emitted are subject to permit review." Further, Paragraph (3) of this subsection states that air quality permits must be obtained by: "Any person constructing or modifying any source or installing any equipment which is subject to 20.2.77 NMAC, New Source Performance Standards, 20.2.78 NMAC, Emission Standards for Hazardous Air Pollutants, or any other New Mexico Air Quality Control Regulation which contains emission limitations for any regulated air contaminant." Also, Paragraph (1) of Subsection A of 20.2.73.200 NMAC, Notice of Intent, states that: "Any owner or operator intending to construct a new stationary source which has a potential emission rate greater than 10 tons per year of any regulated air contaminant or 1 ton per year of lead shall file a notice of intent with the department." The above is not intended to be an exhaustive list of all requirements that could apply. The applicant should be aware that this evaluation does not supersede the requirements of any current federal or state air quality requirement.	Laramide agrees to evaluate the project to determine whether air quality permits are required. Laramide further agrees to comply with air quality regulations and emissions standards that apply to proposed activities.

AQB	Fugitive Dust Air emissions from this project should be evaluated to determine if an air quality permit is required pursuant to 20.2.72.200.A NMAC (e.g. 10 lb/hour or 25 TPY). Fugitive dust is a common problem at mining sites and this project will temporarily impact air quality as a result of these emissions. However, with the appropriate dust control measures in place, the increased levels should be minimal. Disturbed surface areas, within and adjacent to the project area, should be reclaimed to avoid long-term problems with erosion and fugitive dust. EPA's Compilation of Air Pollutant Emission Factors, AP-42, "Miscellaneous Sources" lists a variety of control strategies that can be included in a comprehensive facility dust control plan. A few possible control strategies are listed below: Paved roads: covering of loads in trucks to eliminate truck spillage, paving of access areas to sites, vacuum sweeping, water flushing, and broom sweeping and flushing. Material handling: wind speed reduction and wet suppression, including watering and application of surfactants (wet suppression should not confound track out problems). Buildozing: wet suppression of materials to "optimum moisture" for compaction. Scraping: wet suppression of scraper travel routes. Storage piles: enclosure or covering of piles, application of surfactants. Miscellaneous fugitive dust sources: watering, application of surfactants or reduction of surface wind speed with windbreaks or source enclosures.	Laramide agrees to evaluate the project to determine whether an air quality permit is required. Construction and operations will be required to implement best management practices described in the comment at a minimum to control fugitive dust and erosion during construction and operations.
SWQB	The SWQB recommends that the DBDR include representative cross-sectional and longitudinal surveys of the arroyos within the project area to describe their physical characteristics including width, depth, channel slope, and bank slope.	Laramide will complete surveys of arroyos within the Permit Area; surveys will include data collection of the identified physical characteristics.
SWQB	The SWQB recommends updating the 2013 DBDR to include current surface water quality data to reflect current surface water quality conditions	Laramide agrees that baseline surface water quality will be compared to the most recent NMWQCC standards in the BDR v. 0.
SWQB	The SWQB recommends including gross alpha and Radium 226 + 228 in surface water quality analyses.	Laramide will include these in future surface water sampling and analysis.
SWQB	Section 8.3.2, Baseline Surface Water Quality, of the DBDR says, "Metal concentrations were less than the relative New Mexico Water Quality Control Commission standards (20.6.2.3103 NMAC). The sample concentrations for cadmium, chromium, and mercury concentrations are below laboratory method detection limits." The arroyos in the project area are subject to 20.6.4.13 and 20.6.4.98 NMAC and include designated uses for livestock watering, wildlife habitat, marginal warmwater aquatic life and primary contact. Section 8.3.2 of the DBDR should be revised to reference the correct surface water quality standards at 20.6.4 NMAC including those standards at 20.6.4.900 NMAC for livestock watering, wildlife habitat, marginal warmwater aquatic life and primary contact. The SWQB also recommends revising Table 8-4 of the DBDR	Laramide agrees that baseline surface water quality will be compared to the most recent NMWQCC standards in the BDR v.0.

nm	Section	Subsection	Agency Comment		1
#	Section	Subsection	Agency comment	Laramide Response/ Attachment	
*			Report states that the USFS recommended "performing any vegetation removal (grubbing) for construction outside of the spring breeding season for the gray vireo (Vireo vicinior)". The Department recommends that, in order to minimize the likelihood of adverse impacts to all migratory birds, ground disturbance and vegetation removal activities be conducted outside of the primary migratory bird breeding season. This season runs from 15 April - 1 September for upland songbirds; 1 March - 1 September for most raptors; and 1 January - 15 July for golden eagle (Aquila chysaetos canadensis) and great horned owl (Bubo virginianus). If ground disturbing and clearing activities must be conducted during the breeding season, the area should be surveyed for active nest sites (with birds or eggs present in the nesting territory) and avoid disturbing active nests until young have fledged. For active nests, establish adequate buffer zones to minimize disturbance to nesting birds. Buffer distances should be at least 100 feet from songbird and raven nests; 0.25 miles from most raptor nests; and 0.5 miles for ferruginous hawk (Buteo regalis), golden eagle, peregrine falcon (Falco peregrinus), and praire falcon (Falco mexicanus) nests. Active nest sites in trees or shrubs that must be removed should be mitigated by qualified biologists or wildlife rehabilitators. Department biologists are available to consult on nest site mitigation and can facilitate contact with qualified personnel.	Laramide commits to avoid clearing and grubbing during the breeding season, to the extent feasible. In complying with requests identified in the MMD technical comments, the baseline presence of the species identified in the Permit Area and Affected Area will be presented in the BDR v.0. If active nests are identified, the defined buffers will be established per the NMDGF comment.	
1	Wildlife	5.3.4.2			
			During the site inspection, Department staff observed a basalt cliff line below the top of La Jara Mesa. The cliff line provides nest substrate suitable for breeding raptor species. The surrounding habitat is also highly suitable for nesting golden eagles, prairie falcons, and red-tailed hawks (Buteo jamaicensis). All three of these species were documented during the wildlife surveys conducted by EMI. The Department therefore recommends that Laramide conduct additional surveys designed specifically to locate raptor nest sites during the breeding season. The survey area should include, at minimum, a one-mile buffer zone around the proposed project area footprint.	Laramide requests the use of a 0.5 mile survey buffer where unlikely or lower quality habitats (such as highways and developed lands) would be included with expanded focus on likely habitats such as the cliff line and slopes within the 1 mile buffer.	
2	Wildlife	5			

Comment #	Section	Subsection	Agency Comment	Laramide Response/ Attachment
NMOSE gengeral No. 1	Ground Water	9.0	The La Jara Mesa Mine Project site lies within the Bluewater Underground Water Basin, which is partially closed to new groundwater diversions for irrigation, industrial and municipal uses. Order No. 60, which established this closure, is provided in the Appendix of this memorandum. (It should be noted that at the time of the order, Cibola County was part of Valencia County.) Plans for water supply sources need to consider the basin closure area, which is delineated on the NMOSE POD Locations website: https://gis.ose.state.nm.us/gisapps/ose_pod_locations/.	Laramide will consider the basin closure area and update the BDR v.0. Bluewater Underground Water Basin appears to be to the west of the vast majority of the project area and is part of the consideration for water supply for the project.
NMOSE gengeral No. 2	Ground Water	9.0	The Hydrology Bureau cannot provide an independent drawdown analysis to evaluate potential impacts to existing water rights of other ownership at this time due to the ongoing evaluation by Laramide to determine the water supply source for the La Jara Mesa Mining Project.	Comment noted. The BDR v.0 will be updated to identify the new water source
NMOSE sepecific No. 1	Ground Water	9.0	Laramide should provide lithologic and/or drillers logs from licensed drillers of the exploration work to document the unsaturated nature of the explored strata beneath La Jara Mesa to assess whether or not the multitude of springs that emanate from the base of the mesa will be impacted by mining activities.	Laramide will provide representative driller's logs which document the unsaturated nature of the explored strata as well as an assessment of the hydrology of the nearest springs which are several miles away in Lobo Canyon.
NMOSE sepecific No. 2	Ground Water	9.0	Information regarding water rights, if any, that may be associated with the springs emanating from the base of La Jara Mesa should be provided by Laramide.	Laramide will provide further support to document that no springs are known to exist at the base of La Jara Mesa.
NMOSE sepecific No. 3	Ground Water	9	Section 9.0 of the Draft Baseline Data Report (Golder, 2013) cites NMAC 19.10.6.602 D.(13) (g) for the required description of the aquifer characteristics, which includes transmissivity and storativity with references. However, storativity was not provided for the the Entrada Sandstone, and transmissivity and storativity were not provided for the Chinle and San Andres-Glorieta aquifers. These aquifer parameters should have been provided in the report text for all aquifers in consideration for water supply and for the drawdown analyses. Any analysis requested of the Hydrology Bureau in the future will require this information with relevant references.	Laramide agrees that additional details on the hydrogeology of the Entrada Sandstone and Chinle and San Andres-Glorieta, and other applicable aquifers will be provided in the BDR v.0.
NMOSE sepecific No. 4	Ground Water	9.2.2.3	Section 9.2.2.3 of the Draft Baseline Data Report (Golder, 2013) cites a water supply evaluation conducted by JSAI on well B-01272 that shows the Entrada Sandstone has a transmissivity of 51.5 MMD_2024_009_Cl008RN 6 ft2/d. The JSAI evaluation including the test data should be provided to complete an independent drawdown analysis.	Well test data from Laramide testing will be reported in an updated BDR v.0.
NMOSE sepecific No. 5	Ground Water	9.3	Section 9.3 of the Draft Baseline Data Report (Golder, 2013) cites a drawdown analysis conducted for withdrawals from the Entrada Sandstone formation, the Chinle Formation and the San Andres-Glorieta aquifer. However, no specifics regarding these analyses were provided in this report. The cited drawdown analyses including the nearest pumping well should be provided. Any pending review requested of the Hydrology Bureau will require this information.	Only the Entrada Sandstone was tested. Laramide agrees that the updated BDR v.0 will clarify and provide available additional data.

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DY: Possible Newcomer task DY: Possible Newcodet. The innord material's about that high above the explicer, not the postal lacities. DY: No tools to logo about the de tools, However, here is no plaudite inclurage and to the sand units, which dip away from their names outcop. And the sands are capped by impermitable

DY: See maps accompanying Discharge Permit. Having said that, the Gordon Potentiometric Surface is for an area far away and is not very convincing re-groundwater flow directions at the portal sate. DY: A well to document groundwater at mine site (and as monthor well for future) seems like a normal thing.

Agency Comment	Laramide Response/ Attachment
It was stated that Site-specific climate data for the baseline period (January 1, 2011, through December 31, 2011) was collected from the Homestake Mill weather station. The Cibola recommends that Laramide install a weather station on-site for accurate climate data, specifically wind speed and direction. Since the project is entirely on National Forest System (NFS) lands, Laramide will need this to be permitted by the Cibola. We are willing to work with Laramide to complete this.	Laramide requests further discussion to address this recommendation and the associated permitting requirements.
The Cibola confirms the information is still correct for listed plants.	Comment noted.
The Regional Forester's Sensitive Species (RFSS) list is now obsolete. The RFSS has been replaced by Species of Conservation Concern (SCC) and is a different list of species. SCC do not require analysis, just a land use plan compliance check.	Laramide agrees that the BDR v.0 will include a current list of SCC and verification with the land use plan for compliance.
'Sensitive' is no longer a status for the Cibola. The designation has been replaced by 'Species of Conservation Concern', which have different criteria. For plants, the Cibola's SCC list includes Zuni milkvetch (Astragalus accumbens), villous groundcover milkvetch (Astragalus humistratus), Sivinski's fleabane (Erigeron sivinskii), and Sandia Mountain alumroot (Heuchera pulchella). The Zuni milkvetch is the only one that occurs in Cibola County. The following species listed as 'Sensitive' in Table 4-6 have no Forest Service designation: Chaco milkvetch (Astragalus micromerius), Arizona leatherflower (Clematis hirsutissima var. hirsutissima), and Parishi's alkali grass (Puccinellia parishii). They do not require analysis as Forest Service 'Sensitive' species. The Forest Service Status column should be updated to reflect the current SCC species and remove the status for previous RFSS species listed in the table as 'Sensitive'	The BDR v.0 will include an updated status table, a current list of SCC, removal of those species with no current status, and verification with the current land use plan for compliance.
The Cibola no longer has Management Indicator Species (MIS) designated and is now obsolete. MIS has been replaced with Focal Species, which have different criteria. We now have Focal Species, which include Grace's Warbler (Setophaga graciae) and Ash-throated Flycatcher (Myiarchus cinerascens).	Laramide agrees to update this section to identify appropriate Focal Species.
The Cibola confirms the information is still correct.	Comment noted.
The Regional Forester's Sensitive Species (RFSS) list is now obsolete. The RFSS has been replaced by Species of Conservation Concern (SCC), which have different criteria, and are a different list of species. SCC don't require analysis under NEPA, just a land use plan compliance check.	Laramide agrees that the BDR v.0 will include a current list of SCC and verification with the land use plan for compliance.
Table 5-3. Gunnison's prairie dog is not a Candidate. It has no protection under the Endangered Species Act. Zuni bluehead sucker is not a Candidate. It is listed as Endangered under the Endangered Species Act. (See table in PDF version of Comments)	Laramide agrees to update table of status species to reflect current agency status or lack thereof.
Further description on why 100 cm was the limit of the soil descriptions is needed. If 100 cm captures the soil horizons, then this is acceptable but needs to be described. A pedon extends down to the lower limit of a soil. It extends through all genetic horizons and, if the genetic horizons are thin, into the upper part of the underlying material. The pedon includes the rooting zone of most native perennial plants. For purposes of most soil surveys, a practical lower limit of the pedon is bedrock or a depth of about 2 meters, whichever is shallower (Soil Survey Manual, No.18, USDA Handbook, 1993).	Laramide interprets the BDR instructions as requiring a discussion characterizing "topsoil" if vegetation is part of a reclamation plan. The DBDR soil profiles extend into a CR horizon of talus in one instance, and into C horizons of semi-consolidated aeolian sand in the other two instances. In all three profiles, the surveys extended below the penetration depth of roots. Laramide suggests that the talus and aeolian sand units comprise a sort of bedrock relative to soil development and rooting zone considerations. Depth to consolidated Jurassic rocks (beneath potentially many meters of sand or talus) seems unimportant to the goals of the BDR topsoil characterization. 100cm in each case was a convenient stopping point and beneath which, significant changes were not soon expected. However, Laramide plans geotechnical borings in construction areas and will perform additional, deeper soil profile characterizations as part of that geotechnical work.
Reliance on gully exposures for soil profiles skews the results to those soils associated with gullies and may not be representative. Please justify that using gully exposures is representative of the soils in the project area.	Laramide believes exposed soils in gullies are indicative of soils in adjacent areas. Pictures of soil profiles suggest representative A and B horizons are still intact, even if a nearby gully has helped create an exposure. However, Laramide plans geotechnical borings in construction areas and will perform additional, distributed soil profile characterizations as part of that geotechnical work.
Please include the 12-digit HUC boundary of Lobo Creek (130202070305) in addition to the larger 10-digit HUC of San Mateo Creek (1302020703). Lower San Matero Creek (HUC130202070306) could also be of interest. This is the scale most often used when planning and assessing watershed conditions. There is also a map of the smaller catchments on OpenEnviroMap that are useful for showing drainage from smaller areas of the proposed action. In addition, the use of available lidar imagery would show that the ephemeral drainages do have a connection to San Mateo Creek during higher flows. It is likely the mobility of the sand fields/dunes removes the evidence of this flow periodically.	Laramide agrees to include these updates in the BDR v.0 as requested.
It is unclear what the area of interest is for this report. Is it the HUC10 watershed, San Mateo Creek, the smaller HUC12 Lobo Creek or does it vary by feature. Please describe rationale behind the chosen area of interest.	Text will be updated in response to this comment in the BDR v.0.
It is requested that water quality of storm flows in the ephemeral channels be collected for another year. Explain the flows that occurred during the sampling and available discharge information.	Laramide requests discussion to help understand the objectives for the additional year of sampling that is being requested.
It is unclear what is meant on page 8-3 that the channels are in moderate to poor condition. What metrics or methods was used to determine this? Examples of stream channel stability assessment methods include Rosgen 2001 – A Stream Channel Stability Assessment. Methodology (Rosgen_2001_Channel_Stability.pdf_ and Pfankuch, D.J., 1975. Stream Reach Inventory and Channel Stability Evaluation. USFS/USDA.	Laramide agrees to provide additional details related to the assessment of stream channel condition in the BDR v.0.

In the discussion of channels, it would be good to establish a system of identification so that the discussion of channels is clear as to which one is being discussed. The narrative is difficult to visualize. It could be linked to the sites selected for water quality sampling or another example would be to label the channels on a map and reference the label. [MMD added comment: see our annotated map, labeling drainages A, B, C]	The BDR v.0 text and figures will be updated in response to this comment.
A discussion of the discharge of the flows in the various channels would be informative. What magnitude of flows are expected from these channels? Climate change is expected to increase extreme events. Are there points where the flow from one ephemeral channel will move to another? Are there locations where the roads could capture flows? Are there head cuts which could migrate into the project area? The methodology is reasonable.	Additional details on current and future surface water flow conditions will be provided in the BDR v.0.
There are additional springs in the HUC12 Lobo Creek watershed. There are also riparian areas and perennial stream sections. Because an area of interest is not explained, it is unclear whether these features could be of interest to project assessment. Lobo Creek has perennial portions	Laramide will provide additional detail in the BDR v. 0 describing the hydrogeologic regime in the vicinity of the Permit Area. This description will provide supporting detail for why the referenced springs are not within the Affected Area.
There is a surface water permit (SP-04250) which could be associated with Pumice Spring.	Comment noted.
In the last paragraph of section 8.3.4, there is a reference to the "La Jara Mesa proposed Permit Area watershed". It is unclear what the boundary of this watershed is. Is this the watershed of interest? If so, why and use this as a reference for the rest of the report. This could be helpful for the last section, 8.4 Probable Hydrologic Consequences.	Laramide agrees to update the relevant BDR v.0 text and figures to clarify a relevant watershed boundary associated with the Permit Area and Affected Area.
Probable Hydrologic Consequences does not discuss all the various features in the area of interest specifically the channels and discharge, stability of channels, and other features. The rationale for the no hydrologic consequence is not explained clearly. Why is San Matero Creek not hydrologically connected? Are the springs connected? If not explain the reasoning. Are the flows in the channels expected to stay the same? What about the water quality? More information and connecting the features to the probable hydrologic consequences is needed to support the statements in Section 8.4.	Laramide agrees that additional detail will be added to the BDR v.0 describing the hydrologic conditions of the Permit Area and Affected Area. This description will provide supporting detail for why the referenced springs are not within the Affected Area, as well as the fate of the ephemeral channels in and adjacent to the Permit Area, which is currently being refined.
Has any new groundwater data been collected and reviewed since the April 2013 Draft Baseline Data Report? If so, please provide.	Laramide agrees to collect and provide updated groundwater baseline data. No new groundwater data has been collected since the 2013 Draft Baseline Data Report was completed.
Is spring data based only on NHD or was a survey conducted? This question applies to Section 7.0 and Section 8.0 as well.	No springs were identified by onsite investigations associated with the development of the Draft BDR. However, their locations were likely based solely on the NHD and topographical mapping. Laramide agrees to provide more supporting detail related to the presence of springs in the refined Permit Area and Affected Area, including ground verification.
The Plan of Operations (Laramide, 2008) is referenced when describing the site's hydrogeologic regime. Please provide more information about the outcomes of the exploration drilling program. Specifically, please provide the locations and depths of exploration boreholes described in Laramide 2008. Which lithologies did they penetrate?	The BDR v.0 will include maps showing exploration drill hole locations, representative drill logs and scaled cross sections showing the depths of drill holes and the lithologies penetrated.
There are numerous springs located along the south side of the mesa. There are faults and contacts in the area. If some springs are present because of faulting, they could be fed partly or wholly from deeper aquifers and could be impacted by pumping. Springs present at contacts could be fed by recharge and could suggest a south flow in this area in contrast to the east and west flow suggested in Section 9.2.1. Flow should be measured at the springs on the south side of the mesa and water chemistry or isotope analysis to determine water source at selected springs on south and east sides of the mesa.	Laramide will provide additional detail in the BDR v.0 describing the hydrogeologic regime in the vicinity. This description will provide supporting detail for why the referenced springs are not within the Affected Area
Describe or cite method used to calculate drawdown.	Laramide will update the BDR v.0 to reflect the new plan for water supply, which is anticipated to address this comment.
Please describe rationale on three miles being used for effects on surface water.	The identification of an Affected Area for surface waters and other resources will be updated in the BDR v.0 in association with the update of the Design Limit and Permit Area.
Figure 5 (Site Geology). Is there data that reveal the character of the faults located downgradient of the mineralized zone?	The faults in the area of the mineralized zone have demonstrated down-to-the east offset of up to several hundred feet and are known to predate (not affect) the volcanic rocks.
Did the exploration drilling program have drill logs documented? If so, that information would be beneficial to include as attachments.	Laramide will provide representative cross sections across the ore body and access tunnels with exploration drill holes identified and the electric logs of the drill holes shown. A map of drill holes will also be provided.
The Cibola has specific responsibilities to consider effects to historic properties under Section 106 of the National Historic Preservation Act (NHPA). Because the Cibola will use its effects analysis under Section 106 to consider potential impacts to cultural and historic resources and uses, a review of this section was not completed by Cibola personnel. A reminder that archaeological survey locations are confidential and not available to the public.	Comment noted.
Please make the corrections: The proposed escape raise would be located within 8,145-acre La Jara pasture (no. 001) of the 40,632-acre El Rito Grazing allotment. The proposed surface facilities and road and utility corridor would be within the 5,468-acre Rincon pasture (no. 006), which is also in the El Rito Grazing allotment. There are two permitees that graze 130 cattle on one pasture and 133 head of cattle the other, for a total of 263 head of cattle this allotment.	These revisions will be reflected in the BDR v.0

Given the proximity of the proposed La Jara Mesa Mine project area to the legacy uranium Taffy Mine above the	The Taffy Mine area was covered in the original survey. Where site conditions have
project area, it is recommended to expand the radiological surveys to include the Taffy Mine. This will separate the	changed, due to USFS/CERCLA activities, new survey data will be collected to replace
disturbance from the proposed La Jara Mesa Mine to the background radon that may be residual from the Taffy	the data that is no longer representative of site conditions. An amended sampling plan
Mine and its disturbance.	will be submitted to MMD for review.