

## **Appendix A**

### **BLM Interdisciplinary Team Analysis Record Checklist**



# INTERDISCIPLINARY TEAM ANALYSIS RECORD CHECKLIST

**Project Title:** Enduring Resources' Big Pack EA

**NEPA Log Number:** UT080-06-488

**File/Serial Number:**

**Project Leader:** Stephanie Howard

**DETERMINATION OF STAFF: (Choose one of the following abbreviated options for the left column)**

NP = not present in the area impacted by the proposed or alternative actions

NI = present, but not affected to a degree that detailed analysis is required

PI = present with potential for significant impact analyzed in detail in the EA; or identified in a DNA as requiring further analysis

NC = (DNAs only) actions and impacts not changed from those disclosed in the existing NEPA documents cited in Section C of the DNA form.

Determination	Resource	Rationale for Determination*	Signature	Date
PI	Air Quality	Proposed compressor would potentially impact air quality. Also fugitive dust.	Stephanie Howard	8/31/06
NP	Areas of Critical Environmental Concern	No designated ACEC in existing LUP.	Kim A Bartel	8-31-06
PI	Cultural Resources	32 known sites. Moderate potential for finding more sites.	Blaine Phillips	8-31-06
NI	Environmental Justice	No minority or economically disadvantaged communities or populations are present which could be affected by the proposed action or alternatives.	Stephanie Howard	8/31/06
NP	Farmlands (Prime or Unique)	No prime or unique farmlands are present in the field office.	Stephanie Howard	8/31/06
PI	Floodplains	Project area includes 100-year floodplains of Sand Wash, Bitter Creek, and Buck Camp. No surface use will be allowed within the 100 year floodplain of Bitter Creek.	Melissa J Hawk	8/30/06
PI	Invasive, Non-native Species	Potential for invasive plants and weeds to occur or increase in density when soils are displaced or disturbed. A Pesticide Use Proposal will be a Condition of approval	Jessie Salix	10/16/07
NI	Native American Religious Concerns	None known in project area	Blaine Phillips	8-31-06
PI	Threatened, Endangered or Candidate Plant Species	None Present	Clayton Newberry	10/15/07
PI-CO Fish NP-MSO	Threatened, Endangered or Candidate Animal Species	According to the Final Assessment of Potential Mexican Spotted Owl Nesting Habitat on BLM-Administered Lands in Northeastern Utah (September 2005), there are areas of fair MSO habitat in the northern and central portions of the project area. However, after the first year of surveys were completed and no owls were observed, the habitat was re-evaluated by individuals from BLM, FWS and UDWR. The habitat was subsequently downgraded to	Scott Ackerman	10/13/2007

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		poor habitat after the re-evaluation. In light of these findings, there will be a “no effect” determination for MSO for this project. There are T&E Fish concerns if development will occur within the 100 year floodplains of Bitter Creek and Sand Wash. There is also the possibility of increased erosion and sediment load which could affect the White River. The proposed well to be used for water supply will be 600 feet deep and not connected hydrologically to Bitter Creek which is a main tributary to the White River. Water depletion may occur.		
NI	Wastes (hazardous or solid)	<p><i>Hazardous Waste:</i> No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with this project.</p> <p><i>Solid Wastes:</i> Trash would be confined in a covered container and hauled to an approved landfill. Burning of waste or oil would not be done. Human waste would be contained and be disposed of at an approved sewage treatment facility.</p>	Stephanie Howard	8-31-06
Surface: PI Ground: PI	Water Quality (surface/ground)	<p><i>Surface:</i> The possibility of increased erosion and sediment loading could affect the White River. Also, potential for contamination if wells are to occur in the 100-year floodplains.</p> <p><i>Ground:</i> There is a potential for ground water contamination from the construction and operation of facilities associated with this proposal. Disclosure of the types and amounts of hazardous materials associated with this field development, spill contingency plans for planned facilities and adherence to Oil and Gas Onshore Order No. 2 will help to lower the potential of adverse impacts to ground water in this area.</p>	Stephanie Howard  J. Mayers	8/30/06  8/31/06
PI	Wetlands/Riparian Zones	Wetlands/riparian zones are found within the project area along Bitter Creek. potential for direct disturbance, contamination, and sedimentation effects.	Stephanie Howard	8/30/06
NP	Wild and Scenic Rivers	No designated W & SR in project area.	Kim A Bartel	8-31-06
NP	Wilderness	No designated wilderness in Vernal Field Office	Kim A Bartel	8-31-06
PI	Rangeland Health Standards and Guidelines	Utah Rangeland Health Standard #1 requires that “upland soils exhibit permeability and infiltration rates that sustain or improve site productivity, considering the soil type, climate and landform”. Increased soil erosion and soil compaction could potentially result in a failure to achieve Rangeland Health Standard #1.  Could cause the allotment to not meet Utah Rangeland	Dylan Tucker	9-15-06

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		Health standards #3 (due to increased invasive species due to disturbance which decreases the desired species). The use of vehicles during cross country travel could spread invasive weeds if the vehicles drive through present infestations. This spread of invasive weeds could cause a reduction in desired species which could move the allotments in a direction of not meeting Utah Rangeland Health Standard #3 (Desired species, including native, threatened, endangered, and special-status species, are maintained at a level appropriate for the site and species involved).		
PI	Livestock Grazing	Loss of AUM's. Potential loss of or damage to range facilities.	Dylan Tucker	9-15-06
NP	Woodland / Forestry	No Commercial Woodlands Present	Steve Strong	8/31/2006
PI (Veg.) PI (SSP)	Vegetation including Special Status Plant Species other than FWS candidate or listed species	Disturbance, alteration, and/or removal of Wyoming big sagebrush, juniper-pinyon, black sagebrush, greasewood, and riparian communities. Penstemon grahamii populations, and potential habitat in T12S R22E SECs 29-35.	Clayton Newberry	10/15/07
PI	Fish and Wildlife Including Special Status Species other than FWS candidate or listed species e.g. Migratory birds.	Bald eagle foraging habitat exists throughout the project area. There could be potential impacts to several raptor species residing throughout the area. In addition, there is sage grouse lek/nesting habitat throughout the project area. With the planned level of development, existing stipulations are unlikely to offset impacts to existing sage grouse populations in the area. There are at least four active leks within two miles of the northwest quarter of the planned development. Three of the four would be in the middle of high density development of the proposed action. There is crucial pronghorn kidding habitat located throughout the project area. Crucial mule deer winter range is found along the southern end of the proposed development.	Scott Ackerman	10/15/2007
PI	Soils	Potential for increase in soil erosion and sediment production	Steven Strong	8/31/2006
PI	Recreation	Limited entry elk and deer unit. Second Nature wilderness therapeutic use from Nov through May annually. Spring antler collecting from foot, ATV and equestrian. Casual motorized sightseeing by ATV and vehicles. A portion of the project area was found to have naturalness and opportunities for solitude and primitive unconfined recreation (BLM 2007).	Stephanie Howard	12/5/08
NI	Visual Resources	VRM IV throughout project area.	Kim A Bartel	8-31-06
PI	Geology / Mineral Resources/Energy Production	Geology - Outcroppings of the sandstones, mudstones and siltstones of the lower Uinta Formation outcrop within the project area (proponent can refer to USGS	P. Sokolosky	8/31/2006

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		<p>Map Map I-736 that show the geology of the Grand Junction 1 degree x 2 degree quad; as well as USGS Map I- 1289 that show the surficial geology of the Vernal and Grand Junction quads). Proponent needs to evaluate whether or not the proposed road and well location construction would affect ground stability (if so, this should be carried into chapter 4 with information about how the proponent would mitigate adverse impacts).</p> <p>Mineral Resources - There are no pending applications or active non-oil and gas (i.e., solid leasable or mineral materials) related mineral authorizations within the project.</p> <p>Energy Development - A statement of adverse energy impact (in accordance with EO 13212) would appear to not be needed as the project is directed at oil and gas.</p>		
PI	Paleontology	<p>The lower portion of the Wagonhound member of the Uinta Formation (Tu'A') and the upper portion of the Parachute Creek member of the Green River Formation are exposed within this project area. No known vertebrate paleontology sites are located in or near this area. These rocks are classified as Condition 2 (BLM H-8270-1) with a moderate potential to produce vertebrate fossils of scientific importance. Paleontological surveys will be needed on a project specific basis for the proposed compressor station, the well pads, reserve pits, access roads and pipelines before construction begins.</p>	J. Mayers	8/31/2006
NI	Lands / Access	<p>The proposed area is located within the Book Cliffs Resource Management Plan area, which allows for oil and gas development with associated access roads and pipeline right-of-ways. Current land uses, within the area identified in the proposed action and adjacent lands, consist of existing oil and gas development, gilsonite mining, wildlife habitat, recreational use, and sheep and cattle ranching. No existing land uses would be changed or modified by the implementation of the proposed action; therefore, there would be no adverse affect.</p>	Shauna Derbyshire	9/14/2006
NP	Fuels / Fire Management	No planned fuel reduction projects in the area. Low potential for man caused fire ignitions.	Steven Strong	8/31/2006
NI	Socio-economics	No impact to socioeconomics is expected to occur.	Stephanie Howard	8/31/06
	Waters of U.S.	Potential impact to surface waters due to surface activities such as roads and pipeline crossings. Unavoidable impacts may qualify for Corps Nationwide General Permits and any unavoidable permanent impacts to surface waters should be compensated through mitigation. See the floodplain and riparian sections.	Sue Nall	10/15/07
NP	Wild Horses and Burros	Not Present.	Del Clark	8/23/06

<b>Determination</b>	<b>Resource</b>	<b>Rationale for Determination*</b>	<b>Signature</b>	<b>Date</b>
NP	BLM natural areas	No BLM natural areas exist in the project area.	Stephanie Howard	12/5/08
	County Transportation Plan	Document should contain travel plan that would address roads issues regarding type, maintenance and standards, and that the road would be maintained throughout the life of the project. Company should contact Uintah County Planning and Zoning Department for necessary County permits. Contact Road Department if crossing of county roads, and Public Lands Department if maintenance and improvement on County roads is necessary.	Diane Coltharp	8/30/07

**FINAL REVIEW:**

<b>Reviewer Title</b>	<b>Signature</b>	<b>Date</b>	<b>Comments</b>
NEPA / Environmental Coordinator			
Authorized Officer			

*Follow the italicized instructions below and then delete the asterisks "\*" in the checklist, this sentence, and the instructions.*

*\*Rationale for Determination is required for all "NIs" and "NPs." Write issue statements for "PIs"*

*\*\*Varies by specific location and BLM Field Office*