

**EMCBC/SLA**

**Environmental Checklist**

Project/Activity Title:	NEPA ID Number: Rev. #:0 Date:
Contractor Project Manager:	Phone:
Contractor NEPA Coordinator:	Phone:
DOE EMCBC NEPA Compliance Officer:	Phone:

**A: BRIEF PROJECT/ACTIVITY DESCRIPTION:** (Attach detailed description or Statement of Work, if necessary)

**B. SOURCES OF IMPACTS:** Would the proposed action involve, generate, or result in changes to any of the following?

	<b>YES</b>	<b>NO</b>		<b>YES</b>	<b>NO</b>
1. Air emissions	<input type="checkbox"/>	<input type="checkbox"/>	12. Water Use/Diversion	<input type="checkbox"/>	<input type="checkbox"/>
2. Liquid effluents	<input type="checkbox"/>	<input type="checkbox"/>	13. Water Treatment	<input type="checkbox"/>	<input type="checkbox"/>
3. Solid waste	<input type="checkbox"/>	<input type="checkbox"/>	14. Waterway modification	<input type="checkbox"/>	<input type="checkbox"/>
4. Radioactive waste/soil	<input type="checkbox"/>	<input type="checkbox"/>	15. Radiation/toxic chemical exposures	<input type="checkbox"/>	<input type="checkbox"/>
5. Hazardous waste	<input type="checkbox"/>	<input type="checkbox"/>	16. Pesticide/herbicide use	<input type="checkbox"/>	<input type="checkbox"/>
6. Mixed waste	<input type="checkbox"/>	<input type="checkbox"/>	17. High energy source/explosives	<input type="checkbox"/>	<input type="checkbox"/>
7. Chemical storage/use	<input type="checkbox"/>	<input type="checkbox"/>	18. Transportation	<input type="checkbox"/>	<input type="checkbox"/>
8. Petroleum storage/use	<input type="checkbox"/>	<input type="checkbox"/>	19. Noise levels	<input type="checkbox"/>	<input type="checkbox"/>
9. Asbestos	<input type="checkbox"/>	<input type="checkbox"/>	20. Workforce adjustment	<input type="checkbox"/>	<input type="checkbox"/>
10. Utilities	<input type="checkbox"/>	<input type="checkbox"/>	21. OTHER: _____	<input type="checkbox"/>	<input type="checkbox"/>
11. Clearing or excavation	<input type="checkbox"/>	<input type="checkbox"/>	22. OTHER: _____	<input type="checkbox"/>	<input type="checkbox"/>

Explanation and Qualification of specific "YES" responses:

**Number**                      **Explanation**

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**C. EVALUATION CRITERIA:**

	<b>YES</b>	<b>NO</b>
1. (10 CFR 1021.410 [b] [1]) Does the proposed action <b>fit within a class of actions</b> listed in Appendix A or B to Subpart D of 10 CFR 1021?	<input type="checkbox"/>	<input type="checkbox"/>
2. (10 CFR 1021.410 [b] [2]) Are there any <b>extraordinary circumstances</b> related to the proposal that may affect the significance of the environmental effects of the proposal? Extraordinary circumstances are unique situations presented by specific proposals, such as scientific controversy about the environmental effects of the proposal; uncertain effects or effects involving unique or unknown risks; or unresolved conflicts concerning alternative uses of available resources within the meaning of Section 102 (2) (E) of NEPA.	<input type="checkbox"/>	<input type="checkbox"/>

3. (10 CFR 1021.410 [b] [3]) Is the proposal "connected" (40 CFR 1508.25 [a] [1]) to other actions with potentially significant impacts; or is it **related** to other proposed actions with cumulatively significant impacts (40 CFR 1508.25 [a] [2]); or is it precluded by 40 CFR 1506.1 or 10 CFR 1021.211?
4. (10 CFR 1021, Appendix B to Subpart D, B[1] through B [4][vii]) For a proposed action to be categorically excluded, certain **integral elements** must be included. For example, would the proposed action:
- Threaten a violation of applicable statutory, regulatory or permit requirements for ES&H, including requirements of DOE Orders?
  - Require siting, construction or major expansion of waste storage, disposal, recovery or treatment facilities?
  - NOTE:** proposed action may include categorically excluded facilities.
  - Disturb hazardous substances, pollutants, contaminants or CERCLA-excluded petroleum and natural gas products that pre-exist in the environment, such that there would be uncontrolled or unpermitted releases?
  - Adversely affect environmentally sensitive resources including, but not limited to: structures of historic, archaeological or architectural significance; threatened or endangered species, or migratory birds, amphibians, floodplains or wetlands; wildlife refuges, prime agricultural lands or special sources of water (e.g., sole-source aquifer)? **NOTE:** A "No" response indicates that all reviews and discussions supporting the Agency's determination that the proposed action would not have an adverse effect on the resource will be completed before the proposed action is allowed to proceed.
5. Additional impacts that should be considered during the NEPA evaluation of the proposed action include the following six items. Would the action:
- a. Take place in an area of previous or ongoing disturbance?
  - b. Require any federal, state or local permits, approvals, Etc.?
  - c. Create hazardous, radioactive or mixed waste for which no disposal is available?
  - d. Impact a RCRA-regulated unit or facility?
  - e. Force a low-income or ethnic minority population to shoulder a disproportionate share of the negative environmental impacts of pollution or environmental hazards because of a lack of political or economic strength (i.e., an issue of "Environmental Justice")?
  - f. [for those actions that would involve air emissions] be located within an air pollutant *non-attainment* or *maintenance area* for any of the Criteria pollutants?
  - NOTE:** If "Yes," then additional analysis may be required to determine if emissions would be above *de minimus* thresholds and/or if emissions would be regionally significant. Pending completion of this analysis, requirements stated in 40 CFR 93.158 may be imposed before the proposed action could proceed.

**Explanation and Qualification of specific "YES" responses:**

**Number                      Explanation**

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*D.              RECOMMENDATION AND DETERMINATION*

**EMCBC NEPA Compliance Officer's Recommendation:**

- The proposed action described in this checklist (EMCBC-2007-01) involves the land transfer of approximately 3953.03 acres from the U.S. Department of Energy to the Department of Interior, U.S. Fish and Wildlife Service. Specifically, this land transfer action for formal establishment of the Rocky Flats National Wildlife Refuge falls within the bounds of the categorized exclusion B1.25 (10 CFR 1021.410):

Signature:                         *Pete Gerace*                         Date: \_\_\_\_\_  
                        EMCBC NEPA Compliance Officer

### **Moab UMTRA Site Soils: Background Radium-226 Investigation**

The purpose of the Radium-226 background soil investigation is to determine the radioactivity of naturally occurring radioactive elements in the soils unaffected by the operations of the former uranium mill. The soils need to be of similar type as the soils at the mill site.

Consequently samples from the alluvial sediments from Moab Canyon and the Colorado River canyon are desired. The results will be used to determine the remediation standards at the DOE/EM (Department of Energy Environmental Management) Moab UMTRA (Uranium Mill Tailings Remedial Action) Project. The determination will satisfy the Multi-Agency Survey and Site Investigation Manual (MARSSIM) Final Status Survey (FSS) for radium.

It is proposed that five 8-oz containers of soil will be collected from the upper 6-inches of soil from undisturbed or slightly disturbed soils near Moab Wash where it flows through the Arches National Park, on nearby BLM property, and on Utah Forest, Fire, and State Lands (FFSL) property. The samples collected on FFSL property are from the Colorado River canyon up-river from the Moab site.

A team of up to five individuals will collect the samples with a hand trowel and record with notes and photographs. Sampling personnel will follow internal standardized procedure for sampling, packaging, and transporting soil samples as described in the Moab UMTRA Project Field Services Manual. The samples will be analyzed by the Moab UMTRA Project Radiological Controls Department and DOECAP Laboratory Accreditation Program, ALS Laboratory in Fort Collins, CO to determine radiological activity of Radium-226, Thorium-230, and Natural Uranium. All samples will be disposed of by ALS (in compliance with State and Federal Regulations) after analysis.

Two vehicles will be used, but limited to paved roads and the parking area. A manager will be available to oversee and provide an explanation to any Park Services observer. The activity will be coordinated with the Park Service representative and will take less than two hours. The preference will be to collect the samples during Monday through Thursday.

A draft and final report will be prepared that follows a form consistent with MARSSIM.