



NEPA Categorical Exclusion Determination Form

Program or Field Office: U.S. Department of Energy (DOE) Office of Legacy Management (LM)

Project Title: Tuba City, Arizona, Disposal Site Cleanout

Location: Tuba City, Arizona, Disposal Site

Proposed Action or Project Description:

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) is proposing to do a general cleanout of the Tuba City, Arizona, Disposal Site in 2023, with the removal and disposition of many different items, such as office materials, equipment, tools, groundwater treatment system parts, chemicals, and other items. As of July 2022, the site transitioned from an occupied to an unoccupied LM site. Due to the transition, the site requires a general cleanout of many unneeded or unusable items to facilitate operation as an unoccupied site. Most of the items to be removed are in three buildings (Control Building, maintenance shop/laboratory, and pretreatment building), two storage sheds, and two conex storage containers. Items designated for removal would be dispositioned offsite in any of the following manners (in order of preference): filed as records, reused, recycled, or disposed of as waste in an appropriate offsite disposal facility. It is expected that many materials managed during the proposed work would be designated for reuse or recycling. The quantities and types of items and materials reused, recycled, and disposed of as waste would be documented as part of required LM Environmental Management System waste minimization and pollution prevention reporting. All proposed work would be conducted by Legacy Management Support (LMS) contractor staff or subcontractor staff under LMS oversight. The disposition of items and materials would include, but not be limited to:

- Paper documents would be brought to the LM Field Support Center (LMFSC) at Grand Junction, Colorado, where LMS Records Operations staff would put documents that are records into the content management system; documents that are not records would be recycled.
- Office electronic equipment, such as printers, copiers, paper shredders, and phones, and possibly other site electronics, such as electronic equipment associated with the groundwater treatment system, would be brought to the LMFSC, where LMS Information Technology staff would designate the items for reuse or recycling. Electronic equipment would not be disposed of as waste, such as in an offsite landfill.
- Office items, such as bookcases, filing cabinets, desks, chairs, and tables, would be brought to the LMFSC, where LMS Asset Management staff would designate the items for reuse, recycling, or disposal as waste.
- Groundwater treatment system components (e.g., valves, gauges, fittings, pumps, electric motors, generators, metal piping) would be brought to the LMFSC, where LMS Asset Management staff would designate the items for reuse, recycling, or disposal as waste.
- Other miscellaneous items and materials, such as hand tools, ladders, carts, hand trucks, mobile work benches, jacks, compressors, storage shelves, appliances (e.g., refrigerators), spools of electric wire, miscellaneous metal items, would be brought to the LMFSC, where LMS Asset Management staff would designate the items for reuse, recycling, or disposal as waste.
- Laboratory equipment would be brought to the LMFSC for reuse in the Environmental Sciences Laboratory.
- Laboratory chemicals, most or all of which are expected to be unusable, would be evaluated and dispositioned by LMS Environmental Compliance staff as nonhazardous or hazardous waste.
- Hazardous laboratory chemicals (e.g., acids), hazardous chemicals used for site operations (e.g., fuel, lubricants, or adhesives), and universal waste (e.g., fluorescent bulbs and batteries) would be disposed at an offsite facility permitted to manage Resource Conservation and Recovery Act hazardous waste.
- Miscellaneous nonhazardous items that are obviously not reusable or recyclable, such as deteriorated personal protective equipment, PVC piping degraded by excess sun exposure, broken toilets, broken gaskets, and wood scraps, would be placed in the onsite dumpster for offsite disposal as solid waste.

In addition to the proposed actions above, certain onsite facilities, including the two storage sheds, two conex storage containers, and a greenhouse, could be dismantled and removed from the site or removed from the site intact. Like the other items to be dispositioned, the materials comprising these dismantled or intact facilities would be reused, recycled, or disposed of as waste. There are currently no plans to dismantle or remove other site facilities, such as the Control Building, maintenance shop/laboratory, pretreatment building, distillation treatment skid, solar photovoltaic system, or solar heating system.

The proposed actions would not adversely impact air quality, water quality, natural resources, federally or tribally listed threatened and endangered species, or birds protected under the Migratory Bird Treaty Act. If an active bird nest is discovered during the proposed work, it would not be disturbed. It is not anticipated that workers would encounter any lead-



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based paint or polychlorinated biphenyls during the proposed work.

Categorical Exclusion(s) Applied:

- B1.3 Routine Maintenance
- B1.7 Electronic Equipment
- B1.22 Relocation of Buildings
- B1.23 Demolition and Disposal of Buildings
- B1.27 Disconnection of Utilities
- B1.28 Placing a Facility in an Environmentally Safe Condition
- B1.31 Installation and Relocation of Machinery and Equipment
- B6.1 Cleanup actions
- B6.8 Modifications for waste minimization and reuse of materials

For the complete DOE National Environmental Policy Act (NEPA) regulations regarding categorical exclusions, including the full text of each categorical exclusion, see Subpart D of Title 10 *Code of Federal Regulations* Section 1021 (10 CFR 1021).

Regulatory Requirements in 10 CFR 1021.410(b): (See full text in regulation)

- ☒ The proposal fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D

To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

- ☒ There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.
- ☒ The proposal has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

Based on my review of the proposed action, as NEPA Compliance Officer (as authorized by the LM Director per DOE Policy 451.1), I have determined that the proposed action fits within the specified classes of action, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

NEPA Compliance Officer Signature and
Determination Date

JOYCE CHAVEZ

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Date: 2023.02.17 15:36:52 -07'00'