PMC-ND

(1.08.09.13)

U.S. DEPARTMENT OF ENERGY OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY NEPA DETERMINATION



University of Minnesota RECIPIENT: STATE: MN

PROJECT TITLE:

Fully Electric Powered, Hydraulic Assisted, Compact Track Loader

NEPA Control Number CID Number Funding Opportunity Announcement Number DE-FOA-0002475 Procurement Instrument Number DE-EE0009875

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Policy 4511), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:

A9 Information gathering, analysis, and dissemination

Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, document publication and distribution, and classroom training and information disprograms), but not including site characterization or environmental monitoring. (See also be to this subpart.)

B3.6 Small-scale research and development, aboratory operations, and pilot projects ample analysis); and small-scale pilot projects (generally less than 2 years) fequently conducted to verify a concept before demonstration actions, provided that construction or modification would be within or configuous to a previously disturbed or developed area (where active utilities and surrently used roads are readily accessible). Not included in this category are demonstration actions, meaning actions that are undertaken at a scale to show whether a technology would be viable on a larger scale and surtenly used.

B3.11 Outdoortests and experiments on materials and equipment components

Outdoor tests and experiments for the development, quality assurance, or reliability of materials and equipment (including, but not limited to, weapon system components) under controlled conditions. Covered actions include, but are found to but not sets (such as presumatic ejector tests using earther embankments or moncrele slabs designated and routinely used for that purpose), or drop, puncture, water-immersion, or thermal tests. Covered actions would not involve source, special nuclear, or byproduct materials, except encapsulated sources manufactured to applicable standards that contain source, special nuclear, or byproduct materials may be used for nondestructive actions such as delector/sensor development and testing and first responder field training.

B5.1 Actions to conserve energy or water

field training.

(a) Actions to conserve energy or water, demonstrate potential energy or water conservation, and promote energy efficiency that would not have the potential to cause significant changes in the indoor or outdoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, manufacturers, and designers), organizations (such as the potential to extract the extractions extract the potential to extract the potential to extract the potential to extract the depotent and the potential to extract the potential to extract the potential to extract the potential to extract the extractions would not; (1) have the potential to extract the support that the potential to extract the potential to extract the

Rationale for determination:

NEPA PROVISION

DOE has madea conditional NEPA determination

The NEPA Determination applies to the following Topic Areas, Budget Periods, and/or tasks:

The NEPA Determination does not apply to the following Topic Area, Budget Periods, and/or tasks:

A completed EQ is required for the TBD field location sites. A separate NEPA review is required for the TBD location sites. This CX covers all activities except the TBD location sites

Notes

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FOR CATEGORICAL EXCLUSION DETERMINATIONS

The proposed action (or the part of the proposed defined in the Rationale above) 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 critering the part of the p

There are no extraordinary circumstances related to the proposed action that may affect the significance of the environmental effects of the prop

The proposed action has not been segmented to meet the definition of a categorical exclusion. This proposal is not comected to other actions with potentially significant impacts (40 CFR 1508.27(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.

A portion of the proposed action is categorically excluded from further NEPA review. The NEPA Provision identifies Topic Areas, Budget Periods, tasks, and/or subtasks that are subject to additional NEPA review.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:	Signed By: Jesse Garcia	Date:	12/1/2021
	NEPA Compliance Officer	<u> </u>	
FIELD OFFICE MANAGER DETERMINATION			
Field Office Manager review not required Field Office Manager review required			
BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO:			
Field Office Manager's Signature:		Date:	
	Field Office Manager		