PMC-ND

(1.08.09.13)

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

RECIPIENT: Multiple **STATE:** CO

PROJECT TITLE : Blanket Determination for BP1/Task 1 Initial Verification Activities

Notice of Funding Opportunity Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0003274	Multiple	GFO-MACRONOFO-001	

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Policy 451.1), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:

Description:

B3.6 Small-scale research and development, laboratory operations, and pilot projects	Siting, construction, modification, operation, and decommissioning of facilities for smallscale research and development projects; conventional laboratory operations (such as preparation of chemical standards and sample analysis); and small-scale pilot projects (generally less than 2 years) frequently conducted to verify a concept before demonstration actions, provided that construction or modification would be within or contiguous to a previously disturbed or developed area (where active utilities and currently 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 suitable for commercial deployment.

Rationale for determination:

The U.S. Department of Energy (DOE) is proposing to provide federal funding to selected recipients under Topic Area 1 of the MACRO: Mixed Algae Conversion Research Opportunity Notice of Funding Opportunity (NOFO) (DE-FOA-0003274) for Budget Period 1/Task 1 “Initial Verification” activities.

Project activities would involve laboratory research, data collection and analysis, and computer modeling. Laboratory activities may include treatment with acids or bases, sample separation using membranes, and reactions with temperature, pressure, or microorganisms. All project activities would take place in existing facilities designed for the type of work proposed. No new permits, outdoor installations, or ground disturbance would be required.

Project activities would involve working with acids and bases, high temperatures and pressures, and solvents. Award recipients would adhere to established health and safety policies and procedures when performing project work, and would observe all applicable federal, state, and local health, safety, and environmental regulations.

DOE has considered the scale, duration, and nature of proposed activities to determine potential impacts on resources, including those of an ecological, historical, cultural, and socioeconomic nature. DOE does not anticipate impacts on these resources which would be considered significant or require DOE to consult with other agencies or stakeholders.

NEPA PROVISION

DOE has made a conditional NEPA determination.

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

Applies to Budget Period 1/Task 1 for recipients selected under Topic Area 1.

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

Does not apply to any Budget Periods or Tasks besides Budget Period 1/Task 1 for recipients selected under Topic Area 1 or any Budget Periods or Tasks for recipients selected under Topic Area 2. If a recipient has an individual categorical exclusion determination for additional Budget Periods or Tasks, this categorical exclusion determination does not restrict any activities already reviewed under NEPA and authorized by the Contracting Officer.

Notes:

Alternative Fuels and Feedstocks Office
NEPA review completed by Andrew McClellan, 8 July 2026

FOR CATEGORICAL EXCLUSION DETERMINATIONS

The proposal fits within a class of actions that is listed in Appendix B to 10 CFR Part 1021 or Appendix B and C of DOE's NEPA Implementing Procedures (June 30, 2025). To fit within the classes of actions listed in Appendix B to 10CFR Part 1021, or Appendix B of DOE's NEPA Implementing Procedures, a proposal must satisfy the conditions that are integral elements of the classes of actions in Appendix B of both 10 CFR Part 1021 and DOE's NEPA Implementing Procedures.

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

The proposed action has not been segmented to meet the definition of a categorical exclusion.

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: Electronically Signed By: Kristin Kerwin Date: 7/8/2026

NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION

- [x] 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