U.S. DEPARTMENT OF ENERGY - NETL

CATEGORICAL EXCLUSION (CX) DESIGNATION FORM

Project No.: DE-FE0032456	Recipient Name: P	VT Clean Ene	rgy LLC	Project Location: Poughkeepsie, New York
Sub-recipient(s) and Locations: Sustainable Product Development I Technology (Hoboken, NJ)	ab (Poughkeepsi	e, NY); Columb	ia Universi	ty (New York, NY); Stevens Institute of
Brief Description of Activities: Laboratory testing to develop produced water, lab testing o	d Water Consor a prototype w f building pan	tium for Ultr ith the abil: els, computer	ralight Con ity to sep r analysis	Michael Fonseca mposite Manufactured by Accelerated arate freshwater from concentrated , and routine reporting. LUSION(S) FROM APPENDICES A AND B TO
SUBPART D OF DOE NEPA IMPLEME General Administration/Management A1 – Routine business actions A9 – Info gathering, analysis, documentatio A11 – Technical advice and planning assist Facility Operations B1.3 – Routine maintenance and custodial s B1.7 – Communication system and data pro- installation, operation, removal B1.15 – Support building or structure, non- operation Safety and Health B2.2 – Installation/improvement of building B2.3 – Installation of equipment for personal General Research B3.1 – Site characterization/environmental is B3.6 – R&D or pilot facility construction/op B3.7 – New infill exploratory, experimental construction and/or operation B3.9 – Certain CCT demonstration activitie B3.11 – Outdoor tests, experiments on mate	n, dissemination, and tr ance ervices occessing equipment acqu waste storage, construct habitability //equipment instrumenta nel safety and health monitoring peration/decommissionin oil/gas/geothermal well s, emissions unchanged	aining uisition, ion/ ation	Electrical Power □ B4.4 - Pow □ B4.6 - Trar □ B4.11 - Co □ B4.13 - Up Conservation, F ⊠ B5.1 - Acti □ B5.3 - Moc □ B5.5 - Shor cons exist □ B5.13 - Ex dio □ B5.15 - Sm □ B5.22 - Alt	egory:

This action (1) would not present any extraordinary circumstances such that the action might have a significant impact upon the human environment; (2) is not connected to other actions with potentially significant impacts; (3) is not related to other actions with cumulatively significant impacts; and (4) is not inconsistent with 10 CFR 1021.211 - Interim Actions or 40 CFR 1506.1 - Limitations during the NEPA process.

SELECT ONE OF THE FOLLOWING:

- It is Categorical Exclusion includes all tasks and phases in the Statement of Work or Statement of Project Objectives for this project.
- This Categorical Exclusion is only valid for the following tasks/phases The DOE initiator acknowledges the

responsibility to obtain a NEPA determination prior to initiating any activities outside the scope of this Categorical Exclusion.

SELECT ONE OF THE FOLLOWING:

- It is Categorical Exclusion includes all locations and activities for this project.
- Additional sites, sub-recipients, or activities cannot be identified at this time. The DOE initiator acknowledges the responsibility to obtain a NEPA determination prior to initiating any activities outside the scope of this Categorical Exclusion.

NOTE: ANY CHANGE(S) TO THE PROJECT SCOPE OR LOCATIONS MAY REQUIRE A NEW NEPA DETERMINATION.

DOE Initiator Signature:	MICHAEL FONSECA	Digitally signed by MICHAEL FONSECA Date: 2024.01.11 10:17:47 -06'00'	Date:
NEPA Compliance Officer	HARRY TAYLOR	Digitally signed by HARRY TAYLOR Date: 2024.01.16 15:23:20-0500'	m Date:

Date: 1 / 11 / 2024 month day year Date: 01 / 16 / 2024 month day year

The following special condition is provided for the consideration of the Contracting Officer: