NETL F 451.1-1/1 Revised: 11/24/2014 Reviewed: 11/24/2014 (Previous Editions Obsolete)

## **U.S. DEPARTMENT OF ENERGY - NETL**

## CATEGORICAL EXCLUSION (CX) DESIGNATION FORM

Project No.: DE-FE0032101	Recipient Name: Black &	Veatch Corp.	Project Location: Overland Park, KS		
			Sargent & Lundy - Chicago, IL; Southern York, NY; ExxonMobil - Annandale, NJ		
NETL Sponsoring Org.: FE/TDC/ACCM	i/Carbon Capture Team	NETL Contact:	Andrew P. Jones		
Brief Title of Proposed Action: Scaleur	and Site-Specific Er	ngineering Desig	n for Global Thermostat DAC		
Brief Description of Activities:					
			DAC) system coupled to a natural .00,000 tonne/year net CO2 reduction.		
THE PROPOSED ACTION FALLS WI SUBPART D OF DOE NEPA IMPLEM			LUSION(S) FROM APPENDICES A AND B TO		
General Administration/Management			Electrical Power and Transmission		
A1 – Routine business actions		<del></del>	wer management activities (storage, load shaping, and balancing		
<ul> <li>         ■ A9 – Info gathering, analysis, documentat     </li> <li>         ■ A11 – Technical advice and planning assi     </li> </ul>	_		<ul> <li>□ B4.6 – Transmission support addition/modifications at developed facility sit</li> <li>□ B4.11 – Construction of power substations and interconnection facilities</li> </ul>		
			☐ B4.13 – Upgrading and rebuilding existing power lines (< 20 miles)		
Facility Operations	Lauriana				
<ul> <li>□ B1.3 – Routine maintenance and custodial services</li> <li>□ B1.7 – Communication system and data processing equipment acquisition,</li> </ul>			Conservation, Fossil, and Renewable Energy Activities  B5.1 – Actions to conserve energy, no indoor air quality degradation		
installation, operation, removal			☐ B5.3 – Modification/abandonment of wells		
☐ B1.15 – Support building or structure, non-waste storage, construction/			☐ B5.5 – Short crude oil/gas/steam/geothermal/carbon dioxide pipeline		
operation			st/oper within an existing right-of-way (< 20 miles) between		
Safety and Health			sting facilities sperimental wells for injection of small quantities of carbon		
B2.1 – Modifications to enhance workplace habitability			dioxide (< 500,000 tons)		
<ul> <li>         □ B2.2 – Installation/improvement of building/equipment instrumentation     </li> <li>         □ B2.3 – Installation of equipment for personnel safety and health     </li> </ul>			☐ B5.15 – Small scale renewable energy research/development/pilot projects		
	mici sarcty and nearth		Iternative fuel vehicle fueling stations ectric vehicle charging stations		
General Research  B3.1 – Site characterization/environmenta	1 monitorino	<b>D D</b> 3.23 – Eli	ectric venicle charging stations		
☐ B3.6 – R&D or pilot facility construction/	_	Other Specific and			
<ul> <li>□ B3.7 – New infill exploratory, experimental oil/gas/geothermal well construction and/or operation</li> <li>□ B3.9 – Certain CCT demonstration activities, emissions unchanged</li> <li>□ B3.11 – Outdoor tests, experiments on materials and equipment components</li> </ul>		☐ Specify cat	legory:		
		□ Specify cat	tegory.		
		speeny can	actions.		
		☐ Specify cat	tegory:		
		<b>–</b> 1 7			
	n potentially significant impacts;	(3) is not related to oth	ave a significant impact upon the human environment; her actions with cumulatively significant impacts; and s during the NEPA process.		
SELECT ONE OF THE FOLLOWIN	G:				
▼ This Categorical Exclusion includes	all tasks and phases in the States		ment of Project Objectives for this project.		
☐ This Categorical Exclusion is only v			The DOE initiator acknowledges t		
responsibility to obtain a NEPA dete	rmination prior to initiating any	activities outside the s	cope of this Categorical Exclusion.		
SELECT ONE OF THE FOLLOWIN  ☑ This Categorical Exclusion includes ☐ Additional sites, sub-recipients, or addetermination prior to initiating any	all locations and activities for the ctivities cannot be identified at the	his time. The DOE init	tiator acknowledges the responsibility to obtain a NEPon.		
NOTE: ANY CHANGE(S) TO THE PROJECT SCOPE OR LOCATIONS MAY REQUIRE A NEW NEPA DETERMINATION.					
NOTE: ANY CHANGE(S) TO THE P	ROJECT SCOPE OR LOCA	HONS MAY KEQUI	RE A NEW NEPA DETERMINATION.		
DOE Initiator Signature: ANDREW JONE	Digitally signed by A Date: 2021.08.04 05	ANDREW JONES 9:53:05 -04'00'	Date: 08 / 04 / 2021		
NEPA Compliance Officer: Mark Lusk	Digitally signed b	by Mark Lusk 1 13:50:46 -04'00'	month day year  Date: 08 / 11 / 2021		
month day year					
The following special condition is provided for the consideration of the Contracting Officer:					