

MINE METHANE CAPTURE OFFSET PROJECT DATA REPORT FOR ACTIVE UNDERGROUND MINES FORM

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OPR STAFF USE ONLY

Date Application Received:	OPR Tracking Number:	Date Application Reviewed:
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PART I: ENTITY APPLYING FOR LISTING

Is this form being submitted by the Offset Project Operator (OPO) or by the Authorized Project Designee (APD)? <input checked="" type="checkbox"/> OPO <input type="checkbox"/> APD NOTE: The person completing this form should be an OPO/APD employee.	
Report Version Number: 4	Person Completing Report: Ben Apple
Date Report Completed: May 4, 2022	Date Report Submitted: May 4, 2022
Telephone Number: 303-525-5680	Email Address: ben.apple@envcomcorp.com

PART II: OFFSET PROJECT INFORMATION

Offset Project Name: BMMC1	
CARB Project ID # (If known): CMM5407	OPR Project ID #: ACR407
Mine Methane Capture Activity Type(s): <input type="checkbox"/> Ventilation Air Methane <input checked="" type="checkbox"/> Mine Methane Drainage	
Reporting Period Start Date: February 1, 2021	Reporting Period End Date: January 31, 2022
Offset Project Commencement Date: December 1, 2017	

PART III: OPO/APD/TECHNICAL CONSULTANT (TC) INFORMATION

PART III-A: OPO

OPO Name: ECC Windsor Inc	OPO's CITSS ID#: C A 2 3 1 6
Mailing Address: 9601 Hillridge	City/State/Zip Code: Kensington, MD 20895
Physical Address (if different): (same)	City/State/Zip Code: (same)
Contact Person: Ben Apple	Telephone Number: 303-525-5680
Email Address: ben.apple@envcomcorp.com	

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PART III-B: APD (if applicable) ☒ No APD/Not Applicable

PART III-C: Technical Consultant #1 (if applicable) ☒ No Technical Consultant

PART IV: QUESTIONS

1. Has the offset project met all local, state, and federal regulatory requirements during the Reporting Period for Mine 2, except for any period being excluded pursuant to section 95973(b)(1)? (If "no," an explanation of the non-compliance must be provided.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Indicate any excluded time periods below: March 14 - March 15, 2021	
2. Is all the information in the offset project listing still accurate? If "yes," skip to Part V.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

a. Does Part II above report an updated Offset Project Commencement Date, Reporting Period Start Date, and/or Reporting Period End Date?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
b. Does Part III above report updated OPO/APD Information? OPO's Mailing address updated from the project listing	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
c. Does Part III above report updated Technical Consultant Information?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
d. Are there any other updates about Others Involved in Project, aside from the Technical Consultants, to report? (If "yes," provide those updates on separate attached paper.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
e. Are there any updates about the Offset Project Location to report? (If "yes," provide those updates on separate attached paper.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
f. Does Part V below report updated information about Mining Methods Employed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
g. Are there any updates about the Mine Information, aside from Mining Methods Employed and Mineral Production, to report? (If "yes," provide those updates on separate on a separate attached paper.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
h. Does any other information in the project listing need to be updated? (If "yes," provide those updates on separate on a separate attached paper.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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PART V: MINE INFORMATION

Mining Method(s) Employed (e.g., longwall or room and pillar) during Reporting Period:

Longwall

Mineral Production during Reporting Period (including both mineral produced and quantity with units of measurement):

11,753,022 tons coal (est.)

PART VI: REPORTED GHG EMISSION REDUCTION CALCULATIONS PART VI-B: CALCULATED VALUES FOR ACTIVE UNDERGROUND MINE METHANE DRAINAGE ACTIVITIES ☐ Not Applicable

How many qualifying and non-qualifying destruction devices were used in this reporting period for Active Underground Mine Methane Drainage Activities?

NOTE: If there are more than two (2) destruction devices, either expand this section to report information for those destruction devices or submit the required reporting information for those devices on separate, attached paper.

Number Non-Qualifying Devices:

0

Number Qualifying Devices:

5

How many methane sources were used in this reporting period for Active Underground Mine Methane Drainage Activities?

NOTE: If there are more than three (3) methane sources associated with any destruction device, either expand this section to report information for those methane sources or submit the required reporting information for those sources on separate, attached paper.

Number Sources:

1

How many pre-mining surface wells included in the project were mined through during this reporting period?

NOTE: If more than two (2) wells were included and mined through, either expand this section to report information for those wells or submit the required reporting information for those wells on separate, attached paper.

Number Wells:

0

Emission Reductions (ER): 244,391

Baseline Emissions (BE): 276,100

Project Emissions (PE): 31,709

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PART VI-B-1: BASELINE VALUES FOR FIRST DESTRUCTION DEVICE

Is this a qualifying or non-qualifying destruction device?

☒ Qualifying ☐ Non-Qualifying

Source	Baseline C _{CH4}	PSW _{B,i}	PIB _{B,i}	PGW _{B,i}
1.	N/A	0	0	0

PART VI-B-2: BASELINE VALUES FOR SECOND DESTRUCTION DEVICE

Is this a qualifying or non-qualifying destruction device?

☒ Qualifying ☐ Non-Qualifying

Source	Baseline C _{CH4}	PSW _{B,i}	PIB _{B,i}	PGW _{B,i}
1.	N/A	0	0	0

PART VI-B-3: BASELINE VALUES FOR THIRD DESTRUCTION DEVICE

Is this a qualifying or non-qualifying destruction device?

☒ Qualifying ☐ Non-Qualifying

Source	Baseline C _{CH4}	PSW _{B,i}	PIB _{B,i}	PGW _{B,i}
1.	N/A	0	0	0

PART VI-B-4: BASELINE VALUES FOR FOURTH DESTRUCTION DEVICE

Is this a qualifying or non-qualifying destruction device?

☒ Qualifying ☐ Non-Qualifying

Source	Baseline C _{CH4}	PSW _{B,i}	PIB _{B,i}	PGW _{B,i}
1.	N/A	0	0	0

PART VI-B-5: BASELINE VALUES FOR FIFTH DESTRUCTION DEVICE

Is this a qualifying or non-qualifying destruction device?

☒ Qualifying ☐ Non-Qualifying

Source	Baseline C _{CH4}	PSW _{B,i}	PIB _{B,i}	PGW _{B,i}
1.	N/A	0	0	0

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PART VI-B-6: PROJECT VALUES FOR FIRST DESTRUCTION DEVICE

Source	Project C _{CH4}	PSW _{P,i}	PIB _{P,i}	PGW _{P,i}
1.	52.6%	0	0	272,145,392

PART VI-B-7: PROJECT VALUES FOR SECOND DESTRUCTION DEVICE

Source	Project C _{CH4}	PSW _{P,i}	PIB _{P,i}	PGW _{P,i}
1.	77.3%	0	0	111,190,340

PART VI-B-8: PROJECT VALUES FOR THIRD DESTRUCTION DEVICE

Source	Project C _{CH4}	PSW _{P,i}	PIB _{P,i}	PGW _{P,i}
1.	54.0%	0	0	298,314,923

PART VI-B-9: PROJECT VALUES FOR FOURTH DESTRUCTION DEVICE

Source	Project C _{CH4}	PSW _{P,i}	PIB _{P,i}	PGW _{P,i}
1.	52.1%	0	0	164,696,857

PART VI-B-10: PROJECT VALUES FOR FIVE DESTRUCTION DEVICE

Source	Project C _{CH4}	PSW _{P,i}	PIB _{P,i}	PGW _{P,i}
1.	60.1%	0	0	164,849,366

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PART VI-B-11: VALUES FOR PRE-MINING SURFACE WELLS, FIRST DESTRUCTION DEVICE

<input checked="" type="checkbox"/> N/A	Baseline $C_{CH_4, MG}$:	Baseline $MG_{SUPP, i}$:	Project $C_{CH_4, MG}$:	Project $MG_{SUPP, i}$:
<input checked="" type="checkbox"/> N/A	Identification of 1 st well:			
	PSW_{nqdi} :	$PSW_{e_{pre, i}}$:	$PSW_{e_{post, i}}$:	$PSW_{p, all, i}$:

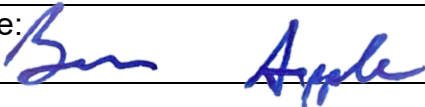
PART VI-B-12: VALUES FOR PRE-MINING SURFACE WELLS, SECOND DESTRUCTION DEVICE

<input checked="" type="checkbox"/> N/A	Baseline $C_{CH_4, MG}$:	Baseline $MG_{SUPP, i}$:	Project $C_{CH_4, MG}$:	Project $MG_{SUPP, i}$:
<input checked="" type="checkbox"/> N/A	Identification of 1 st well:			
	PSW_{nqdi} :	$PSW_{e_{pre, i}}$:	$PSW_{e_{post, i}}$:	$PSW_{p, all, i}$:

PART VI-B-13: OTHER VALUES

CON_{ELEC} : 81 MWh	CON_{HEAT} : 0	CON_{FF} : 11,708 (gallons diesel distilled No. 2) 12 (gallons of propane)
CE_{ELEC} : 0.69	CE_{HEAT} : 0	CE_{FF} : 10.206 (diesel distilled No. 2) 5.593 (propane)
<input checked="" type="checkbox"/> N/A	Site-specific Methane Destruction Efficiency for First Device:	
	Third Parties Involved:	
	Description of Process:	

PART VIII: ATTESTATIONS AND OPO SIGNATURE

Initial: BA	I certify under penalty of perjury under the laws of the State of California the GHG reductions and/or GHG removal enhancements for		
	Project Name: BMMC1	from Reporting Period State Date: February 1, 2021	to Reporting Period End Date: January 31, 2022
	are measured in accordance with the Compliance Offset Protocol Methane Capture Projects, April 25, 2014, and all information required to be submitted to ARB in the Offset Project Data Report is true, accurate, and complete.		
In signing this form, I certify under penalty of perjury of the laws of California that the information contained in this form is true, accurate, and complete. I further certify that I am an Account Representative of the Offset Project Operator (OPO).			
Signature: 		Printed Name: Ben Apple	
Title: Principal		Date: May 4, 2022	