MINE METHANE CAPTURE OFFSET PROJECT DATA REPORT FOR ACTIVE SURFACE MINES ISD/CCPEB-012 (REV. 09/2020) PAGE 1 OF 12

OPR STAFF USE ONLY

Date Report Received:	OPR Tracking Number:	Date Report Reviewed:					
PART I: ENTITY SUBMITTING REPORT							
Is this report being submitted by the Offset Project Operator (OPO) or by the Authorized Project Designee (APD)? NOTE: The person completing this form should be an OPO/APD employed OPO APD							
Report Version Number: Date Report Completed:							
Date Report Submitted:	Person Con	npleting Report:					
Telephone Number:	Email Addre	ess:					
PART	II: OFFSET PROJECT INFO	RMATION					
Offset Project Name: OPR Project ID Number:							
CARB Project ID Number (if know	Number (if known): Reporting Period Start Date:						
Reporting Period End Date:	ect Commencement Date:						
PAF	RT III: OPO/APD/TC INFORM	MATION					
PART III-A: OPO							
OPO Name:	OPO CITSS	S ID #:					
Mailing Address:	C A	A					
Physical Address (if different from	n above): City/State/Z	City/State/Zip:					
Contact Person:	Telephone	Telephone Number:					
Email Address:							

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APD Name:	Not Applicable APD CITSS ID #:					
	CA					
Mailing Address:	City/State/Zip:					
Physical Address (if different from above):	City/State/Zip:					
Contact Person:	Telephone Number:					
Email Address:						
PART III-C.1: TECHNICAL CONSULTANT #1	(if applicable)					
Technical Consultant Name:	Organizational Affiliation, if applicable:					
Mailing Address:	City/State/Zip:					
Physical Address (if different from above):	City/State/Zip:					
Telephone Number:	Email Address:					
PART III-C.2: TECHNICAL CONSULTANT #2	(if applicable) Only One Technical Consultant					
Technical Consultant Name:	Organizational Affiliation, if applicable:					
Mailing Address:	City/State/Zip:					
Physical Address (if different from above):	City/State/Zip:					
Telephone Number:	Email Address:					
DARTIN	': QUESTIONS					

Questions	Yes	No
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.) Indicate any excluded time periods below:		
Is all the information in the offset project listing still accurate? If "yes," skip to Part V.		
a. Does Part II above report an updated Offset Project Commencement Date, Reporting Period Start Date, and/or Reporting Period End Date?		

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Questions	Yes	No				
b. Does Part III above report updated OPO/APD Information?						
c. Does Part III above report updated Technical Consultant Information?						
 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.) 						
e. Are there any updates about the Offset Project Location to report? If "yes," provide those updates on separate attached paper.						
f. Does Part V below report updated information about Mining Methods Employed?						
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 attached paper.)						
h. Does any other information in the project listing need to be updated? (If "yes," provide those updates on separate attached paper.)						
PART V: MINE INFORMATION						
Mining Method(s) Employed (e.g., open pit) during Reporting Period:						
Mineral Production during Reporting Period (including both mineral produced and quantity with units of measurement):						
PART VI: REPORTED GHG EMISSIONS REDUCTION CALC	ULATIONS					
PART VI: REPORTED GHG EMISSIONS REDUCTION CALC How many qualifying and non-qualifying destruction devices were used in the NOTE: If there are more than two (2) destruction devices, either expand this information for those destruction devices or submit the required reporting information submit the devices on separate, attached paper. How many methane sources were used period?	is reporting pe s section to re ormation for th	port nose				
How many qualifying and non-qualifying destruction devices were used in the NOTE : If there are more than two (2) destruction devices, either expand this information for those destruction devices or submit the required reporting information of the devices on separate, attached paper. How many methane sources were used in the new many methane sources were used in the new many methane.	is reporting pe is section to re ormation for the ed in this repo	port nose				
How many qualifying and non-qualifying destruction devices were used in the NOTE : If there are more than two (2) destruction devices, either expand this information for those destruction devices or submit the required reporting information devices on separate, attached paper. How many methane sources were us period?	is reporting personal section to report to the section for the section that is reported in this report to the section of the section of the section is reported in this section in the section in the section is reported in the section in the section in the section is reported in the section in the section in the section is reported in the section in the section in the section is reported in the section in the section in the section is reported in the section in the section in the section is reported in the section in the section in the section is reported in the section in the section is reported in the section in the section in the section is reported in the section in the section in the section is reported in the section in the section in the section is reported in the section in the section in the section is reported in the section in the section in the section is reported in the section in the section in the section is reported in the section in the section in the section is reported in the section in the section in the section is reported in the section in the section in the section in the section is reported in the section i	port nose orting e than ion to				

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How many pre-mining surface wells included in the project were mined through during this reporting period? NOTE: If more than two (2) wells included were 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	S:						
result of encroperiod? NOT	paching mining E: If more tha mation for thos	y were included n two (2) wells	s that would oth I in the project included were mit the required	and mined through	ough during thing thing, either expand	s reporting d this section	
Number Wells	3:						
during this repeated expand this se	oorting period? ection to repor	NOTE: If mo	ivated were incore than two (2) or those wells o	wells included	d were mined th	nrough, either	
Number Wells	S:						
through during through, either	g this reporting r expand this s	period? NOT section to repo	t are reactivate E: If more than rt information for parate, attache	n two (2) wells or those wells	included were	mined	
Number Wells	S:						
Emissions Re	ductions (ER):	:					
Baseline Emissions (BE):							
Project Emissions (PE):							
PART VI-A-1:	BASELINE V	ALUES FOR F	IRST DESTRU	JCTION DEVI	CE		
Is this a qualit ☐Qualifying	ying or non-qເ Non-Qua	ialifying destru alifying	ction device?				
0	Baseline	DCW	DID	FOW	ANA/D	ODW	

Source	Baseline C _{CH4}	PSW _{B,i}	PIB _{B,i}	ECW _{B,i}	AWR _{B,i}	CDW _{B,i}
1						
2						
3						

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

Is this a quali	fying or non-qı ⊡Non-Qu	ualifying destru alifying	ction dev	ice?			
Source	Baseline C _{CH4}	PSW _{B,i}	PIB	3,i	ECW _{B,i}	AWR _{B,i}	CDW _{B,i}
1							
2							
3							
PART VI-A-3:	PROJECT V	ALUES FOR F	IRST DE	STRU	CTION DEVIC	E	
Source	Baseline C _{CH4}	PSW _{p,i}	PIB	o,i	ECW _{p,i}	AWR _{p,i}	CDW _{p,i}
1							
2							
3							
PART VI-A-4:	PROJECT V	ALUES FOR S	ECOND	DEST	RUCTION DE	VICE	
Source	Baseline C _{CH4}	PSW _{p,i}	PIB _{p,i} ECW _{p,i}			AWR _{p,i}	CDW _{p,i}
1							
2							
3							
PART VI-A-5:	VALUES FO	R WELLS ASS	OCIATE	D WIT	TH FIRST DES	TRUCTION D	EVICE
Identification	of 1 st pre-minii	ng surface well	:			□ N/A	
PSWnqdi:		PSWe _{pre,i:}		PSW	e _{post,i} :	PSW _{P,all,i}	:
Identification	of 2 nd pre-mini	ng surface well	l:			□ N/A	
PSWnqdi:	PSWnqdi: PSWe _{pre,i:} PSWe _{post,i} : PSW _{P,all,i} :					:	
Identification	of 1st existing	coal bed metha	ane well:			□ N/A	
ECWnqdi: ECWepre,i: ECWepost,i: ECWp,all,i:							
	I						

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ECWnqdi:

ECWepre,i:

MINE METHANE CAPTURE OFFSET PROJECT DATA REPORT FOR ACTIVE SURFACE MINES ISD/CCPEB-012 (REV. 09/2020) PAGE 6 OF 12 Identification of 2nd existing coal bed methane well: □ N/A ECWnqdi: ECWepost,i: ECW_{p,all,i}: ECWepre,i: Identification of 1st abandoned but reactivated well: □ N/A AWRnqd_i: AWRepre,i: AWRepost,i: AWR_{P.all.i}: Identification of 2nd abandoned but reactivated well: \square N/A AWRnqd_i: AWRepre,i: AWRepost,i: AWR_{P.all.i}: Identification of 1st converted dewatering well: □ N/A CDW_{P,all,i}: CDWnqdi: CDWe_{pre,i:} CDWepost,i: Identification of 2nd converted dewatering well: □ N/A CDWnqdi: CDWe_{pre,i}: CDWe_{post,i}: CDW_{P,all,i}: PART VI-A-6: VALUES FOR WELLS ASSOCIATED WITH SECOND DESTRUCTION DEVICE Identification of 1st pre-mining surface well: □ N/A PSWepost,i: PSW_{P.all.i}: PSWnqdi: PSWe_{pre,i}: Identification of 2nd pre-mining surface well: □ N/A PSWnqdi: PSWe_{pre,i}: PSWepost,i: PSW_{P.all.i}: Identification of 1st existing coal bed methane well: □ N/A ECWnqdi: ECWepre,i: ECWepost,i: ECW_{p,all,i}: Identification of 2nd existing coal bed methane well:

ECWepost,i:

□ N/A

ECW_{p,all,i}:

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ned bu	ut reactivated wel	l:		□ N/A			
AWRe	epre,i:	AWRe _{post,i} :		AWR _{P,all,i} :			
Identification of 2 nd abandoned but reactivated well:							
AWRe	Ppre,i∶	AWRe _{post,i} :		AWR _{P,all,i} :			
tod day	votoring well:			I			
ieu uei	watering well.			□ N/A			
CDWe	Əpre,i:	CDWe _{post,i} :		CDW _{P,all,i} :			
		1		<u> </u>			
ted dev	watering well:			□ N/A			
CDWe	9pre,i:	CDWe _{post,i} :		CDW _{P,all,i} :			
LUES		1					
CONS _{ELEC} CONS _{HEAT} : CONS _F							
	CEF _{HEAT} :		CEF _{FF} :				
tructior	n Efficiency for Fir	st Device:	□ N/A				
truction	n Efficiency for Se	cond Device:	□ N/A				
			<u> </u>				
Description of Process:							
	AWRe and be a set of the deviced devic	AWRepre,i: Inned but reactivated well AWRepre,i: Ited dewatering well: CDWepre,i: Ited dewatering well: CDWepre,i: CDWepre,i: CDWepre,i: CDWepre,i: LUES CONSHEAT: CEFHEAT:	AWRepre,i: AWRepost,i: ted dewatering well: CDWepre,i: CDWepost,i: ted dewatering well: CDWepre,i: CDWepost,i: CDWepre,i: CDWepost,i:	AWRepre,i: AWRepost,i: AWRepost,i: AWRepost,i: AWRepost,i: AWRepost,i: CDWepost,i: CDWepo			

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PART VII: ATTESTATION AND OPO SIGNATURE

Initial:							
	reductions and/or GHG removal enhancements for						
	Project Name:	from Repo	rting Period State	to Reporting Period End			
		Date:		Date:			
	are measured in accordance	with the Con	npliance Offset Protoc	col Methane Capture			
	Projects, April 25, 2014, and a	all information	n required to be subr	nitted to ARB in the Offset			
	Project Data Project is true, a	ccurate, and	l complete.				
In sign	In signing this form, I certify under penalty of perjury of the laws of California that the information						
contair	contained in this form is true, accurate, and complete. I further certify that I am an Account						
Repres	Representative of the Offset Project Operator (OPO).						
Printed	Printed Name: Title:						
Signature: Date:							

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BACKGROUND

Section 95976(d) of the Cap-and-Trade Regulation specifies reporting requirements for offset projects participating in the Compliance Offset Program. Offset Project Operators (OPO) or Authorized Project Designees (APD) are required to submit an Offset Project Data Report (OPDR) within four months of the end of each (annual) Reporting Period. This form is designed to help OPOs and APDs provide the information required for offset projects using Compliance Offset Protocol Mine Methane Capture Projects April 25, 2014. This form is submitted to the approved Offset Project Registry that is listing the offset project and should also be provided to the CARB-accredited verification body that will be verifying the Offset Project Data Report.

WHERE TO SUBMIT INFORMATION CONTAINED IN THIS FORM

Complete the information on the form using your computer. Then either add an electronic signature to the form or print, sign, and scan the form. The completed and signed information and all supporting documentation should be submitted to the appropriate Offset Project Registry.

This form is also available from the CARB website at:

https://ww2.arb.ca.gov/our-work/programs/compliance-offset-program/offset-program-forms

INSTRUCTIONS

PART I: ENTITY SUBMITTING REPORT

- Indicate whether the Offset Project Operator (OPO) or Authorized Project Designee (APD) is submitting the Offset Project Data Report (OPDR).
- Regulatory amendment in section 95976(d)(10) requires that each version of the OPDR specifies
 the version number and the date submitted. Moreover, the protocol requires that each OPDR
 include the date of completion. Include the OPDR version number, the date of OPDR completion,
 and the date of OPDR submission to the Offset Project Registry.
- The person submitting the information should indicate the date the form is completed.
- List the name, phone, and email address of the person submitting the information. This person should be an employee of the OPO or APD. The person submitting the information need not be the contact person listed for the OPO or APD in Part III and also need not be the OPO's CITSS account representative signing the OPDR in Part VII.

PART II: OFFSET PROJECT INFORMATION

- Provide the name for the offset project and its Offset Project Registry ID number, as provided by the Offset Project Registry listing the project. Also include the CARB project ID number, if known.
- (For active underground mines, specify whether the project type includes either or both of the ventilation air methane and mine methane drainage types. Check the appropriate box(es).)
- Indicate the Offset Project Commencement Date and the start and end date of the Reporting Period covered in this Offset Project Data Report.

PART III: OPO/APD/TC INFORMATION

- Enter contact information for the Offset Project Operator (OPO) and Authorized Project Designee (APD) for the offset project. Every project will have an OPO. If a project does not have an APD, mark the box indicating the project does not have an APD and leave the remaining fields blank.
- For both the OPO and, if applicable, the APD, enter the entity's name, its CITSS ID number, its mailing address, its physical address (if different than mailing address), and the name, phone

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number, and e-mail address of a contact person for the entity. The CITSS ID is six characters in length, with two letters followed by four numbers (e.g., "CA1234"). DO NOT PROVIDE THE OPO's or APD's CONFIDENTIAL CITSS ACCOUNT NUMBER, which begins with the CITSS ID number followed by a hyphen and more numbers.

- Provide the same information for any technical consultants to the OPO or APD for this project.
 Provide the entity's name, its mailing address, its physical address (if different than mailing address), and the name, phone number, and e-mail address of a contact person for the entity.
- If there are no technical consultants or just one technical consultant, the appropriate check boxes
 may be marked to indicate that required information is not being omitted. If there are more than
 two technical consultants, either expand this section of the OPDR or provide the required
 information on separate, attached paper.

PART IV: QUESTIONS

- This part includes two questions required in Compliance Offset Protocol Mine Methane Projects, April 25, 2014.
- First, the OPO or APD must respond whether the offset project has met all local, state, and federal
 regulatory requirements during the Reporting Period. Local regulatory requirements include those
 by any air quality, water quality, zoning, or other agency with jurisdiction over any aspect of the
 offset project. (For abandoned underground mine methane recovery activities, the OPO or APD
 must respond about regulatory requirements separately for each mine involved in the project.)
- Regulatory amendments in section 95973(b)(1), effective October 1, 2017, allow an OPO or APD
 to effectively exclude a time period during which a project is out of regulatory compliance and
 receive CARB or registry offset credits for the remainder of the reporting period. If an OPO or
 APD is excluding some dates, the OPO or APD should provide the excluded dates.
- Second, the OPO or APD must answer whether information submitted in the offset project listing remains accurate. If the listing information remains accurate, skip to Part V. For information which is no longer accurate, answer questions 2a through 2h to indicate which portions of the listing information is being updated in this report.

PART V: MINE INFORMATION

- Specify the mining method(s) (e.g., longwall, room and pillar, or open-pit) employed during reporting period. (For abandoned underground mine methane recovery activities, specify the mining method(s) employed for each mine while it was active.)
- Report the Mineral Production during the Reporting Period. Include both the mineral(s) produced and the amount produced of each mineral (specifying the units).

PART VI: REPORTED GHG EMISSION REDUCTION CALCULATIONS

- Specify the number of both qualifying and non-qualifying destruction devices used in this reporting
 period. If there are more than two destruction devices, required reporting information for the
 additional destruction devices should be provided by either expanding the section or by providing
 the information on separate, attached paper.
- Similarly, specify the number of each of the following:
- Methane sources used during the reporting period
- Pre-mining surface wells included in the projected mined through during the reporting period
- Existing coal bed methane wells that would otherwise be shut-in and abandoned as a result of encroaching mining included in the projected and mined through during the reporting period.

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- Abandoned wells that are reactivated included in the project and mined through during the reporting period
- Converted dewatering wells that are reactivated included in the project and mined through during the reporting period
- If there are more than three sources and/or more than two of any of the four types of wells, required reporting information for the additional sources and/or wells should be provided by either expanding the section or by providing the information on separate, attached paper.
- Within the first two subsections of this part, provide the required baseline parameters. Within the
 next two subsections, provide the required project parameters. For descriptions of each variable,
 see the Compliance Offset Protocol Mine Methane Capture Projects, April 25, 2014, including
 subchapter 7.2 (beginning on page 129) for reporting requirements. Report the volume of mine
 gas in standard cubic feet (scf).
- It may be appropriate to report values for only some of the following terms. As appropriate, fields for the other terms may be left blank.
- Volume of mine gas calculations (including PSW, PIB, ECW, AWR, CDW)
- Terms for pre-mining surface wells (including PSWnqd, PSEepre, PSEepost, PSWP,all)
- Terms for existing coal bed methane wells (including ECWnqd, ECWepre, ECWepost, ECWP, all)
- Terms for abandoned wells (including AWRngd, AWRepre, AWRepost, AWRP, all)
- Terms for converted dewatering wells (including CDWnqd, CDWepre, CDWepost, CDWP,all)
- If there is only one destruction device, you may check the "not applicable" boxes for the second
 destruction device indicating these subparts of the MMC OPDR form are being purposely left
 blank.
- Within the fifth and sixth subsections of this part, provide any required values for wells. If well information is not required, the "N/A" boxes in these subsections may be checked to indicate are being purposely left blank.
- Identify each well with its associated calculated values.
- Within the seventh and final subsection of this part, provide the other required reporting information.
- If site-specific methane destruction deficiency is use for any destruction device, provide the
 destruction efficiency, a description of the process of establishing the methane destruction
 efficiency, and the identity of any third parties involved. If a site-specific methane destruction
 deficiency is not used, the "N/A" box may be checked to indicate are being purposely left blank.

PART VII: ATTESTATION AND OPO SIGNATURE

- Section 95975(d)(5) of the Cap-and-Trade Regulation requires an attestation for Offset Project Data Reports. The person signing the form should initial each attestation (no typed or printed initials).
- The attestation requires the applicant to provide some information to complete the statement. The
 project name should match the name entered in Part II. The dates covering the project Reporting
 Period must also be provided. Note that the dates provided in the attestation should be the same
 dates provided in Part II.
- Amendments adopted in April 2014 to section 95976(d)(6) require the attestation "be provided to an Offset Project Registry with the Offset Project Data Report if the offset project is listed with an Offset Project Registry."

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- The individual signing the document must be registered in CITSS as the OPO's Primary Account Representative or Alternate Account Representative. The individual signing the document may be an APD employee and/or representative; but to sign the document, the individual must be an Account Representative on the OPO's CITSS account.
- Provide the individual's signature, printed name, corporate title, and date signed.