ExxonMobil Upstream Oil & Gas Company U.S. Production – Santa Ynez Unit 12000 Calle Real Goleta, California 93117-9708



November 12, 2020

Permit Re-evaluation PTO 5651, 9100, 9101, 9102

Engineering Division Santa Barbara County Air Pollution Control District 260 North San Antonio Road Suite A Santa Barbara, California 93110

Mr. William Sarraf:

ExxonMobil hereby submits the permit re-evaluation for PTOs 5651, 9100, 9101 and 9102 associated with Las Flores Canyon (LFC), Platform Hondo, Platform Harmony and Platform Heritage, respectively. You are hereby authorized to deduct the subject application fees from ExxonMobil's reimbursable account.

If you have any questions or comments, please contact Jun H. Kim at 805-961-4051 or via email at jun.h.kim@exxonmobil.com.

Sincerely,

Bryan S. Anderson California Asset Manager

Enclosures: APCD-01 Forms Title V Forms



#### General Permit Application Form -01

Santa Barbara County Air Pollution Control District 260 N. San Antonio Road, Suite A Santa Barbara, CA 93110-1315

l. A	APPLICATION T	YPE (check all that ap	oply):		
	Permit to Ope	cation fy)  FO Number (if known)  Are Title 5 Minor application types e	PTO 5651  Modification Form except ATCs and Extended to the form of the form o	Emission Reduction Cr 302 C1/C2, D1/D2, E	its te or Throughput
	Mail the complete	d application to the A	PCD's Engineering	g Division at the addre	ss listed above.
3. I	July 1st. Please en at: http://www.our may also be made S YOUR PROJECTEET FROM THE completed Form -0.	sure you are remitting rair.org/district-fees). 'by credit card by using CT'S PROPERTY BE OUTER BOUNDA'S (School Summary For e name of school(s)	the correct current This filing fee will get the Credit Card A OUNDARY LOCKY OF A SCHOOL THE CORY OF A SCHOOL THE CURY OF A SCHOOL THE CURY OF A SCHOOL THE CURY OF A SCHOOL THE CURRY OF A SCHOOL THE	t fee (the current fee so not be refunded or app Authorization Form at ATED OR PROPOS OL? If yes, and the pro- purair.org/wp-content/u	tion filing fee is COLA-adjusted every hedule is available on the APCD's webpage plied to any subsequent application. Payment the end of this application.  ED TO BE LOCATED WITHIN 1,000 spect results in an emissions increase, submit a ploads/apcd-03.pdf (Yes No
1	If yes, please submadisclosure to the pure procedure 6100-02 meet the criteria of or to declare it as conformation from p	ablic, all information of 0 ( <i>Handling of Confide</i> CA Govt Code Sec 62 onfidential at the time	icate application was laimed as confident ential Information 254.7. Failure to for application, shand Part 70 permit application	which shall be a public ntial shall be submitted ): http://www.ourair.or oflow required procedu ill be deemed a waiver	ON? C Yes No document. In order to be protected from in accordance with APCD Policy & g/wp-content/uploads/6100-020.pdf, and res for submitting confidential information, by the applicant of the right to protect such rmation in accordance with the above procedures, however, the
		FOR APCD	USE ONLY		DATE STAMP
	FID	1482	Permit No.	PT-70/Reeval 5	651-R7 Rec'vd 11/12/2020
	Project Name	Las Flores Canyo	on	1	Nec vu 11/12/2020
	Filing Fee	\$420		202.E? YES / NO	

Billed ExxonMobil Upstream

#### 5. COMPANY/CONTACT INFORMATION:

Owner Info		Yes C No Use as Billing Contact?			
Company Name ExxonMobil		ExxonMobil Upstream Oil & Gas Company			
Doing Business	s As				
Contact Name		Otis Dickinson Position/Title Regulatory Compliance Supervisor			
Mailing Addres	SS	12000 Calle Real			
City Go	oleta	State CA Zip Code 93117			
Telephone	832	-624-1257 Cell 713-409-5313 Email otis.dickinson@exxonmobil.com			
Operator Info					
Company Nam	ie	Same as Owner Information			
Doing Business	s As				
Contact Name		Position/Title			
Mailing Addres	SS				
City	,	State Zip Code			
Telephone	Telephone Cell Email				
Andharina dan	and Ford	o* Yes No Use as Billing Contact?			
Authorized Age Company Nam		6 Yes ( No Ose as Bining Contact:			
		7			
Doing Business	s As				
Contact Name		Position/Title			
Mailing Addres	SS				
City		State Zip Code			
Telephone	Telephone Cell Email				
*Use this section if the application is not submitted by the owner/operator. Complete APCD Form -01A ( <a href="http://www.ourair.org/wp-content/uploads/apcd-01a.pdf">http://www.ourair.org/wp-content/uploads/apcd-01a.pdf</a> ). Owner/Operator information above is still required.					
SEND PERMI	TTING	G CORRESPONDENCE TO (check all that apply):			
⊠ Owner		○ Operator     ○ Operator			
Author	rized A	gent			

Page 2 of 6

	Oil & gas exploration and production				
. EQU	UIPMENT LOCATION (Address):				
	secify the street address of the proposed or actual equipment location. If the location does not have a designated address ease specify the location by cross streets, or lease name, UTM coordinates, or township, range, and section.				
Equipment Address 12000 Calle Real					
Ci	ity Goleta State CA Zip Code 93117				
w	/ork Site Phone 8059614030				
$\subset$	Incorporated (within city limits) • Unincorporated (outside city limits) • Used at Various Locations				
A	ssessors Parcel No(s):				
. PRO	DJECT DESCRIPTION:				
(De	escribe the equipment to be constructed, modified and/or operated or the desired change in the existing permit. Attach a separate page in eded):				
DES	Re-evaluation and renewal of Part 70 PTO 5651  YOU REQUIRE A LAND USE PERMIT OR OTHER LEAD AGENCY PERMIT FOR THE PROJECT CRIBED IN THIS APPLICATION?: (*) Yes (*) No				
A.	If yes, please provide the following information				
	Agency Name Permit # Phone # Permit Date				
	* The lead agency is the public agency that has the principal discretionary authority to approve a project. The lead agency is responsible for determining whether the project will have a significant effect on the environment and determines what environmental review and environmental document will be necessary. The lead agency will normally be a city or county planning agency or similar, rather than the Air Pollution Control District.				
В.	If yes, has the lead agency permit application been deemed complete and is a copy of their completeness letter attached?				
	CYes C No				
	Please note that the APCD will not deem your application complete until the lead agency application is deemed complete.				
C.	If the lead agency permit application has not been deemed complete, please explain.				
D.	A copy of the final lead agency permit or other discretionary approval by the lead agency may be requested by the APCD as part of ou completeness review process.				

6. GENERAL NATURE OF BUSINESS OR AGENCY:

10. PROJ	TECT STATUS:			
A. D	Pate of Equipment Installation	N/A		
eq		iolation (NOV) for not obtaining a perm e you installed this equipment without th le per Rule 210.		C Yes  No
C. Is	this application being submitted	due to the loss of a Rule 202 exemption?		C Yes @ No
		nultiple phases? If yes, attach a separate ling the associated timing, equipment and		C Yes ( No
	this application also for a change orm -01T.	of owner/operator? If yes, please also in	clude a completed APCD	C Yes ( No
11. APPL	ICANT/PREPARER STAT	EMENT:		
	tor or an authorized agent (contra	on also must sign the permit application. To ctor/consultant) working on behalf of the		
	certify pursuant to H&SC Section pplication is true and correct.	n 42303.5 that all information contained	herein and information submi	tted with this
			11/1	1/2
	Signat	ure of application preparer		ate
		n H. Kim	ExxonMobil Upstream O	
	Print name of	application preparer	Employer nan	10
12. APPL	ICATION CHECKLIST (c)	heck all that apply)		
	remitting the current fee.) As	\$420. The application filing fee is COLA a convenience to applicants, the APCD was applied the attached Credit Card Authorized	ill accept credit card payment	s. If you wish to use
X		y request that the filing fee be deducted fing fee from my existing reimbursement.		e deposits by checking
		er/Operator) attached if this application at cent permit. http://www.ourair.org/wp-co		er and/or operator status
		orm) attached if the project's property boresults in an emissions increase. http://w		
	APCD's General APCD Inform	PCD for processing the application as identification as identification Requirements List (http://www.sbummary Forms (http://www.ourair.org/pummary Forms (http:	caped.org/eng/dl/other/gen-in	fo.pdf), and any of the
		Form) attached if this application was pre-g, contractor or consultant). This form daped-01a.pdf		

Confidential Information submitted according to APCD Policy & Procedure 6100-020. (Failure to follow Policy and Procedure 6100-020 is a waiver of right to claim information as confidential.)

#### 13. NOTICE OF CERTIFICATION:

All applicants must complete the following Notice of Certification. This certification must be signed by the Authorized Company Representative representing the owner/operator. Signatures by Authorized Agents will not be accepted.

	NOTICE of CERTIF	CATION
I,	I, Bryan S. Anderson  Type or Print Name of Authorized Company Representative	, am employed by or represent
ſ	ExxonMobil Upstream Oil and Gas Company	
	Type or Print Name of Business, Corporation, Co	ompany, Individual, or Agency
in sa by th da th Fo or ar	(hereinafter referred to as the applicant), and certify pursuant to H&SC Section information submitted with this application is true and correct and the equipme said rules and regulations when operated in the manner and under the circumstaby the cost reimbursement basis, as the responsible person, I agree that I will part the actual recorded cost, plus administrative cost, incurred by the APCD in the date. If I withdraw my application, I further understand that I shall inform the attributed closure of the APCD files on the project.  For applications submitted for Authority to Construct, modifications to existing to Operate permits, I hereby certify that all major stationary sources in the state or operated by the applicant, or by an entity controlling, controlled by, or under are on approved schedule for compliance with all applicable emission limitation seq.) and all applicable emission limitations and standards which are part of the Protection Agency.	nt listed herein complies or can be expected to comply with ances proposed. If the project fees are required to be funded by the Santa Barbara County Air Pollution Control District processing of the application within 30 days of the billing APCD in writing and I will be charged for all costs incurred a Authority to Construct, and Authority to Construct/Permit and all stationary sources in the air basin which are owned a common control with the applicant, are in compliance, or as and standards under the Clean Air Act (42 USC 7401 et
C	Completed By: Jun H. Kim Title:	Environmental Advisor
D	Date: 11/12/20 Phone	805-961-4051
S	Signature of Authorized Company Representative	

PLEASE NOTE THAT FAILURE TO COMPLETELY PROVIDE ALL REQUIRED INFORMATION OR FEES WILL RESULT IN YOUR APPLICATION BEING RETURNED OR DEEMED INCOMPLETE.

# STATIONARY SOURCE SUMMARY (Form 1302-A1)

APCD: Santa Barbara County Air Pollution Control D	istrict
COMPANY NAME: ExxonMobil Upstream Oil & Gas	Company
<u> </u>	APCD IDS Processing ID:  Date Application Received: Date Application Deemed Complete:  N  Las Flores Canyon (LFC)  USEPA AIRS Plant ID (for APCD use only): In Source Name): ExxonMobil Upstream Oil & Gas Company Official: 12000 Calle Real, Goleta, CA 93117 on (include Zip Code): 12000 Calle Real, Goleta, CA 93117 (see instructions): In miles of the state line  [] Yes [] No [X] Not Applicable Corporation [] Sole Ownership [] Government Intereship [] Utility Company
> APCD USE ONLY <  Application #: Application Filing Fee*:	Date Application Received:
I. SOURCE IDENTIFICATION	
Source Name: Exxon – Las Flores Canyo	n (LFC)
3. Parent Company (if different than Source Name): E	xxonMobil Upstream Oil & Gas Company
4. Mailing Address of Responsible Official: 12000 Ca	* *
5. Street Address of Source Location (include Zip Cod	le): 12000 Calle Real, Goleta, CA 93117
6. UTM Coordinates (if required) (see instructions):	
7. Source located within: 50 miles of the state l	ine [] Yes [X] No
50 miles of a Native American Nation	
8. Type of Organization: [X] Corporation [] Se	ole Ownership [ ] Government
[] Partnership [] Ut	ility Company
9. Legal Owner's Name; ExxonMobil Upstream Oil &	Gas Company
10. Owner's Agent Name (if any): NA	Title: Telephone #:
11. Responsible Official: Bryan Anderson Title: Ca	alifornia Operations Asset Manager Telephone #: (805)-961-4078
12. Plant Site Manager/Contact: Bryan Anderson T	itle: California Operations Asset Manager Telephone #: (805)-961-4078
13. Type of facility: Oil and Gas Processing Facility	
14. General description of processes/products: See Se	ction 2 of Part 70 PTOs 5651
	er than threshold quantities of any substance on the Section 112(r) List of
	[X] Yes [] No The facility is not subject to the RMP during the
preservation period and notified the EPA of de-registro	
16. Is a Federal Risk Management Plan [pursuant to Se	ection 112(r)] required? [ ] Not Applicable [X] Yes [ ] No
Management Plan submittal.)	s registered with appropriate agency or description of status of Risk

SBC APCD (4.03.06) Page \_\_\_\_\_ of \_\_\_\_

# STATIONARY SOURCE SUMMARY (Form 1302-A2)

APCD:	> APCD USE	ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:  SOURCE NAME: Exxon – LFC	
COMPANY NAME: ExxonMobil Upstream Oil & Gas Company		
II. TYPE OF PERMIT ACTION		
	CURRENT PERMIT (permit number)	EXPIRATION (date)
☐ Initial SBCAPCD's Regulation XIII Application		
X Permit Renewal	5651	June 2021
☐ Significant Permit Revision*		
☐ Minor Permit Revision*		
☐ Administrative Amendment		
	ortable Source [ ] Voluntary cid Rain Source [ ] Alternative ource Subject to MACT Requirement	Emissions Caps e Operating Scenarios nts [Section 112]
b: [X] None	of the options in 1.a. are applicable	
2. Is source operating under a Title V Program Compliance Sc	hedule? [ ] Yes [X] No	
3. For permit modifications, provide a general description of the	ne proposed permit modification:	
This application is being submitted for permit re-evaluation and	renewal for Part 70 PTO 5651.	
*Requires APCD-approved NSR permit prior to a permit revision	n submittal	

**SBC APCD (4.03.06)** 

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# TOTAL STATIONARY SOURCE EMISSIONS (Form 1302-B)

APCD:	➤ APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: ExxonMobil Upstream Oil & Gas Company	SOURCE NAME: Exxon- LFC

#### I. TOTAL STATIONARY SOURCE EMISSIONS

Provide a brief description of operating scenario:

POLLUTANT  * (name)	EMISSIONS (tons per year)	PRE-MODIFICATION  EMISSIONS  (tons per year)	EMISSIONS CHANGE (tons per year)
No change is emi	ssions requested for this renewa	l application	
			-

<sup>\*</sup> Emissions for all pollutants for which the source is major and for all NSPS/MACT-regulated air pollutants must be reported. HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

SBC APCD (4.03.06) Page \_\_\_\_\_\_ of \_\_\_\_\_

# (Form 1302-I1)

APCD:	➤ APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: ExxonMobil Upstream Oil & Gas Company	SOURCE NAME: Exxon- LFC

#### I. PROCEDURE FOR USING FORM 1302-I

This form shall be submitted as part of the SBCAPCD's Regulation XIII Application. The Responsible Official shall identify the applicable federal requirement(s) to which the source is subject. In the Compliance Plan (Form 1302-I), a Responsible Official shall identify whether the source identified in the SBCAPCD's Regulation XIII Application currently operates in compliance with all applicable federal requirements.

#### II. APPLICABLE FEDERAL REQUIREMENTS

Applicable Federal Requirement		Affected Emission Unit	In compliance?	Effective
Regulatory Reference <sup>2</sup>	Regulation Title <sup>2</sup>		(yes/no/exempt <sup>3</sup> )	Date <sup>4</sup>
See Section 3 of existing	Part 70 PTO 5651			
40 CFR Part 63 Subpart ZZZZ	NESHAP for Stationary Reciprocating Internal Combustion Engines	Emergency electrical generator engines Firewater Pumps	Yes	3/9/2011
40 CFR 60 Supart 0000	NSPS for Crude Oil and Natural Gas Production, Transmissions and Distribution	Compressors, Storage Vessels and Sweetening Unit	Yes	8/16/2012
40 CFR 63 Subpart HH	NESHAP from Oil and Natural Gas Production Facilities	Ancillary Equipment	Yes	8/16/2012

- 1 Review APCD SIP Rules, NSPS, NESHAPS, and MACTs.
- 2 Regulatory Reference is the abbreviated citation (e.g. 40 CFR 60 Subpart OOO, APCD Rule 325.H) and Title is the prosaic title (e.g. NSPS Standards of Performance for Nonmetallic Mineral Processing Plants, Crude Oil Production and Separation, Inspection)
- 3 If exempt from applicable federal requirement, include explanation for exemption.
- 4 Indicate the date during the permit term that the applicable federal requirement will become effective for the emission unit.

Other Applicable Federal Requirements <sup>5</sup>	Affected Emission Unit	In compliance?	Effective Date
See existing Part 70 PTO 5651	See Permit	Yes	April 2018
A			

<sup>5</sup> All environmentally significant permit conditions – such as emission, operation, and throughput limitations or compliance monitoring conditions associated with such limitations – listed in all authority to construct (ATC) permits issued to the Part 70 source are also applicable requirements.

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<sup>\*\*\*</sup> If more than one page is used, please ensure that "Santa Barbara APCD", stationary source name and "Form 1302-11" appear on each page. \*\*\*

# COMPLIANCE PLAN (Form 1302-I2)

APCD:	➤ APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: ExxonMobil Upstream Oil & Gas Company	SOURCE NAME: Exxon- LFC

#### III. COMPLIANCE CERTIFICATION

#### Under penalty of perjury, I certify the following:

- Based on information and belief formed after reasonable inquiry, the source identified in this application will continue to comply with the applicable federal requirement(s) with which the source is in compliance identified in form 1302-I1;
- Based on information and belief formed after reasonable inquiry, the source identified in this application will comply with the future-effective applicable federal requirement(s) identified in form 1302-II, on a timely basis<sup>1</sup>;
- Based on information and belief formed after reasonable inquiry, the source identified in this application is not in compliance with the applicable federal requirement(s), identified in form 1302-I1, and I have attached a compliance plan schedule.<sup>2</sup>

11/12/20

Signature of Responsible Official

- 1. Unless a more detailed schedule is expressly required by the applicable federal requirement.
- 2. At the time of expected permit issuance, if the source expects to be out of compliance with an applicable federal requirement, the applicant is required to provide a compliance schedule with this application, with the following exception. A source which is operating under a variance that is effective for less than 90 days need not submit a Compliance Schedule. For sources operating under a variance, which is in effect for more than 90 days, the Compliance Schedule is the schedule that was approved as part of the variance granted by the hearing board.

The compliance schedule shall contain a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with this applicable federal requirement. For sources operating under a variance, the compliance schedule is part of the variance granted by the hearing board. The compliance schedule shall resemble, and be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. For sources not operating under a variance, consult the Air Pollution Control Officer regarding procedures for obtaining a compliance schedule.

# EXEMPT EMISSIONS UNITS (Form 1302-H)

APCD: santa Barbara County Air Pollu	tion Control District	APCD IDS	> APCD USE ONLY < Processing ID:
COMPANY NAME: ExxonMobil	Upstream Oil & Gas Company	SOURCE	NAME: Exxon- LFC
YES _ x _ NO	nitting activities to be insig	•	See definition at bottom of page)  oporting calculations)
Activity	Description of Activity/ Units	Emission	Potential to Emit for each Pollutant
See existing insignifica	ant activity list/discussion in current	permit. Table 5	.9 - Estimate Exempt Emissions
	_		
emissions cannot exceed any regulated HAP.		nit (PTE) any	. For an activity to be considered insignific criteria pollutants, and 0.5 tons per year f
mote. moignmeant acti	The are not exempt from I all	. ro roquironic	haritten.

# CERTIFICATION STATEMENT (Form 1302-M)

D:	> APCD USE ONLY <
a Barbara County Air Pollution Control District	APCD IDS PROCESSING ID:
IPANY NAME: nMobil Upstream Oil & Gas Company	SOURCE NAME: Exxon – LFC
or attachments that are not identified below, please id	ments that are part of your application. If the application contains for entify these attachments in the blank space provided below. Review nents that need to be included in a complete application.
Forms included with application	Attachments included with application
X Stationary Source Summary Form X Total Stationary Source Emission Form	Description of Operating Scenarios Sample emission calculations
X Compliance Plan Form	Fugitive emission estimates
X Compliance Plan Certification Form	List of Applicable requirements
X Exempt Equipment Form X Certification Statement Form	Discussion of units out of compliance with applicable federal requirements and, if required, submit
	a schedule of Compliance
List other forms or attachments  Re-evaluation comments table	Facility schematic showing emission points  NSR Permit
Adele Elise Source Test Summaries	PSD Permit
	Compliance Assurance monitoring protocols
[ ] check here if additional forms	Risk management verification per 112(r)
listed on back	
I certify under penalty of law, based on information contained in this application, composed of the form	on and belief formed after reasonable inquiry, that the informations and attachments identified above, are true, accurate, and
complete.	
I certify that I am the responsible official, as defin Part 70.	ed in SBCAPCD's Regulation XIII, Rule 1301 or USEPA's 40 Cl
4 68 b 7 V e	
Signature of Responsible Official 3	Date 11/12/20
Print Name of Responsible Official: Bryan S. A	nderson
- The Hame of Responsible Officials	II W I D V I

**SBC APCD (4.03.06)** 

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# CERTIFICATION STATEMENT (Form 1302-M continued)

APCD:	➤ APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS PROCESSING ID:
COMPANY NAME: ExxonMobil Upstream Oil & Gas Company	SOURCE NAME: Exxon – LFC

	List Other Forms or Attachments (c	cont.)
Re-evaluation con	ments table	
Adele Elise Source	e Test Summaries	

# RE-EVALUATION COMMENTS ON PTO/Part 70 PERMIT NO. 5651 **EXXONMOBIL- SYU PROJECT** Las Flores Canyon (FID 1482)

The table below lists ExxonMobil's issues and proposed resolution for specific items in referenced permit.

Equipment Affected Section Issue	Section	Issue	Proposed Resolution	Comments
N/A- Responsible Official	1.6.9	Replace Michael Vanderlinden with Jeff S. Patterson	Jeff S. Patterson -Senior Superintendent -ExxonMobil Upstream Oil & Gas Company -12000 Calle Real, Goleta, CA 93117 -(805)-961-4080 -jeff.s.patterson@exxonmobil.com	
Supply Boat	Table 5.2	Addition of emission factors for supply boat (Adele Elise)	Per discussion with District, the new emission factors for Adele Elise will be included in facility permit during next permit re-evaluation. Historical test data attached to develop not-to-exceed factors.	2020 Adele Elise source test report will be provided upon completion.

# RE-EVALUATION COMMENTS ON PTO/Part 70 PERMIT NO. 5651 EXXONMOBIL- SYU PROJECT Las Flores Canyon (FID 1482)

Equipment Affected S	Section Issue	ssue	Proposed Resolution	Comments
Ambient Monitoring Station	41.	Current permit language does not clearly define when ExxonMobil will "assume responsibility" of the Paradise Road regional ozone monitoring station.	Clarify that ExxonMobil will assume responsibility when all applicable documents including but not limited to lease transfer & operating agreements have been fully executed.  Point Pedernales Project will assume responsibility of maintaining & operating the monitoring station until all applicable agreements & transfers are fully executed with ExxonMobil.	

# AEROS ENVIRONMENTAL, INC. SUMMARY OF RESULTS

### Plains Exploration and Production Company M/V Adele Elise

Project 033-8286 May 7, 2013

#### **Main Engines**

					РТО		
Emissions	ppm	lb/hr	lb/kgal	g/Bhp-hr	Limits		
		N	Ox				
Port	384	9.88	165.0	3.44	5.99 g/Bhp-hr <sup>1</sup>		
Starboard	332	8.85	140.7	2.94	270 lb/kgal <sup>1</sup>		
Total		18.73			34.35 lb/hr <sup>2</sup>		
CO							
Port	58	0.90	15.0	0.31			
Starboard	58	0.94	14.9	0.31			
Total		1.84			9.96 lb/hr <sup>2</sup>		
Average			15.0	0.31	78.3 lb/kgal <sup>3</sup>		
ROC							
Port	1.7	0.072	1.20				
Starboard	1.7	0.074	1.18				
Total		0.146			2.14 lb/hr <sup>2</sup>		
Average			1.19		16.8 lb/kgal <sup>3</sup>		

#### Comments:

<sup>&</sup>lt;sup>1</sup> Compliance with **lb/kgal and g/Bhp-hr** permit limits for NOx emissions are determined on a per engine basis.

<sup>&</sup>lt;sup>2</sup> Compliance with **1b/hr** permit limits for NOx, CO and ROC emissions are determined by the sum of all

<sup>&</sup>lt;sup>3</sup> Compliance with Ib/kgal permit limits for CO and ROC emissions are determined by the average of all main engines on a boat.

Plains Exploration and Production Company M/V Adele Elise Port Main Engine

Project 033-8286 May 7, 2013

Pollutant	ppm	ppm @ 15% O <sub>2</sub>	lb/hr	lb/1000 gal	g/BHP-hr
	385	327	9.95	165.1	3.45
NOx	385	327	9.87	165.3	3.45
	384	326	9.83	164.5	3.44
Mean	384	327	9.88	165.0	3.44
	57	48	0.90	14.9	0.31
CO	58	49	0.91	15.2	0.32
	58	49	0.90	15.1	0.31
Mean	58	49	0.90	15.0	0.31
	1.7	1.4	0.070	1.17	0.024
ROC	1.7	1.4	0.070	1.17	0.024
C <sub>3</sub> -C <sub>6</sub> +	1.8	1.5	0.075	1.25	0.026
Mean	1.7	1.4	0.072	1.20	0.025
		Operationa	l Data		
Engine RPM =	1498			Exhaust % O₂ =	13.96
Fuel Usage Gal/hr =	59.9		Exhaust	Temperature =	565
Comments:					
	D.				

Plains Exploration and Production Company M/V Adele Elise Starboard Main Engine

Project 033-8286 May 7, 2013

Pollutant	ppm	ppm @ 15% O₂	lb/hr	lb/1000 gal	g/BHP-hr	
	332	279	8.83	140.9	2.94	
NOx	333	280	8.90	141.3	2.95	
	331	277	8.83	139.9	2.92	
Mean	332	279	8.85	140.7	2.94	
	59	50	0.96	15.3	0.32	
со	58	48	0.94	14.9	0.31	
	56	47	0.91	14.4	0.30	
Mean	58	48	0.94	14.9	0.31	
	1.7	1.4	0.074	1.18	0.025	
ROC	1.7	1.5	0.077	1.23	0.026	
C <sub>3</sub> -C <sub>6</sub> +	1.6	1.4	0.071	1.13	0.024	
Mean	1.7	1.4	0.074	1.18	0.025	
		Operationa	l Data			
Engine RPM =	1505		I	Exhaust % O₂ =	13.88	
Fuel Usage Gal/hr =	62.9		Exhaust	Temperature =	547	
Comments:						
	<del></del>	· · · · · · · · · · · · · · · · · · ·		<del> </del>		

# AEROS ENVIRONMENTAL, INC. SUMMARY OF RESULTS

Freeport-McMoRan Oil & Gas LLC M/V Adele Elise

Project 033-8614 May 13, 2014

#### **Main Engines**

					PTO			
Emissions	ppm	lb/hr	lb/kgal	g/Bhp-hr	Limits			
		N	Ox					
Port	462	11.85	197.5	4.12	5.99 g/Bhp-hr <sup>1</sup>			
Starboard	381	9.94	166.2	3.47	270 lb/kgal <sup>1</sup>			
Total		21.79			34.35 lb/hr <sup>2</sup>			
	СО							
Port	56	0.88	14.6	0.31				
Starboard	54	0.85	14.3	0.30				
Total		1.73			9.96 lb/hr <sup>2</sup>			
Average			14.5	0.31	78.3 lb/kgal <sup>3</sup>			
ROC								
Port	1.3	0.057	0.95	0.020				
Starboard	1.2	0.053	0.89	0.019				
Total		0.110			2.14 lb/hr <sup>2</sup>			
Average			0.92		16.8 lb/kgal <sup>3</sup>			

#### Comments:

<sup>&</sup>lt;sup>1</sup> Compliance with **lb/kgal and g/Bhp-hr** permit limits for NOx emissions are determined on a per engine basis.

<sup>&</sup>lt;sup>2</sup> Compliance with Ib/hr permit limits for NOx, CO and ROC emissions are determined by the sum of all main engines on a boat.

<sup>&</sup>lt;sup>3</sup> Compliance with Ib/kgal permit limits for CO and ROC emissions are determined by the average of all main engines on a boat.

Freeport-McMoRan Oil & Gas LLC M/V Adele Elise Port Main Engine

Project 033-8614 May 13, 2014

ppm	ppm @ 15% O₂	lb/hr	lb/1000 gal	g/BHP-hr		
470	377	12.14	201.5	4.21		
464	370	11.87	198.1	4.14		
452	361	11.53	193.0	4.03		
462	369	11.85	197.5	4.12		
57	46	0.89	14.8	0.31		
56	45	0.88	14.6	0.31		
55	44	0.86	14.4	0.30		
56	45	0.88	14.6	0.31		
1.3	1.0	0.057	0.94	0.020		
1.3	1.0	0.056	0.94	0.020		
1.3	1.1	0.057	0.96	0.020		
1.3	1.0	0.057	0.95	0.020		
Operational DataEngine RPM = $1510$ Exhaust % $O_2$ = $13.52$						
1510			Exhaust % O₂ =	13.52		
59.97		Exhaust	Temperature =	616		
	· <del>- · - ·</del>					
	470 464 452 <b>462</b> 57 56 55 <b>56</b> 1.3 1.3 1.3	ppm         15% O₂           470         377           464         370           452         361           462         369           57         46           56         45           55         44           56         45           1.3         1.0           1.3         1.1           1.3         1.1           Operationa	ppm         15% O₂         lb/hr           470         377         12.14           464         370         11.87           452         361         11.53           462         369         11.85           57         46         0.89           56         45         0.88           55         44         0.86           56         45         0.88           1.3         1.0         0.057           1.3         1.1         0.057           1.3         1.0         0.057           Operational Data	ppm         15% O₂         lb/hr         lb/1000 gal           470         377         12.14         201.5           464         370         11.87         198.1           452         361         11.53         193.0           462         369         11.85         197.5           57         46         0.89         14.8           56         45         0.88         14.6           55         44         0.86         14.4           56         45         0.88         14.6           1.3         1.0         0.057         0.94           1.3         1.1         0.057         0.96           1.3         1.0         0.057         0.95           Operational Data		

Freeport-McMoRan Oil & Gas LLC M/V Adele Elise Starboard Main Engine

Project 033-8614 May 13, 2014

		ppm @			
Pollutant	ppm	15% O <sub>2</sub>	lb/hr	lb/1000 gal	g/BHP-hr
	382	311	9.98	166.6	3.48
NOx	382	312	9.99	166.9	3.49
	378	308	9.86	165.0	3.44
Mean	381	311	9.94	166.2	3.47
	54	44	0.86	14.3	0.30
со	53	44	0.85	14.2	0.30
	54	44	0.86	14.3	0.30
Mean	54	44	0.85	14.3	0.30
	1.3	1.0	0.056	0.93	0.020
ROC	1.1	0.9	0.049	0.83	0.017
C <sub>3</sub> -C <sub>6</sub> +	1.2	1.0	0.055	0.92	0.019
Mean	1.2	1.0	0.053	0.89	0.019
		Operationa	l Data		
Engine RPM =	1497			Exhaust % O <sub>2</sub> =	13.67
Fuel Usage Gal/hr =	59.84		Exhaust	Temperature =	590
Comments:					
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# AEROS ENVIRONMENTAL, INC. SUMMARY OF RESULTS

Freeport-McMoRan Oil & Gas LLC M/V Adele Elise

Project 033-9145 June 4, 2015

#### **Main Engines**

					РТО				
Emissions	ppm	lb/hr	lb/kgal	g/Bhp-hr	Limits				
	NOx								
Port	390	9.98	173.5	3.76	5.99 g/Bhp-hr <sup>1</sup>				
Starboard	363	9.77	156.4	3.39	270 lb/kgal <sup>1</sup>				
Total		19.75			34.35 lb/hr <sup>2</sup>				
			00						
Port	58	0.91	15.8	0.34					
Starboard	49	0.80	12.8	0.28					
Total		1.71			9.96 lb/hr <sup>2</sup>				
Average			14.3	0.31	78.3 lb/kgai <sup>3</sup>				
		R	OC						
Port	1.1	0.049	0.85	0.019					
Starboard	1.0	0.045	0.72	0.016					
Total		0.094			2.14 lb/hr <sup>2</sup>				
Average			0.79		16.8 lb/kgal <sup>3</sup>				

#### Comments:

<sup>&</sup>lt;sup>1</sup> Compliance with Ib/kgal and g/Bhp-hr permit limits for NOx emissions are determined on a per engine basis.

<sup>&</sup>lt;sup>2</sup> Compliance with Ib/hr permit limits for NOx, CO and ROC emissions are determined by the sum of all main engines on a boat.

<sup>&</sup>lt;sup>3</sup> Compliance with Ib/kgal permit limits for CO and ROC emissions are determined by the average of all main engines on a boat.

Freeport-McMoRan Oil & Gas LLC M/V Adele Elise Starboard Main Engine

Project 033-9145 June 4, 2015

Poliutant	ppm	ppm @ 15% O₂	lb/hr	lb/1000 gal	g/BHP-hr
- · · · · · · · · · · · · · · · · · · ·	361	289	9.85	155.5	3.37
NOx	364	292	9.62	156.8	3.39
	365	292	9.83	156.8	3.40
Mean	363	291	9.77	156.4	3.39
	49	39	0.81	12.9	0.28
CO	49	39	0.78	12.8	0.28
	49	39	0.81	12.8	0.28
Mean	49	39	0.80	12.8	0.28
	1.3	1.0	0.060	0.94	0.020
ROC	1.0	0.8	0.044	0.71	0.015
C <sub>3</sub> -C <sub>6</sub> +	0.7	0.6	0.032	0.51	0.011
Mean	1.0	0.8	0.045	0.72	0.016
		Operationa	l Data		
Engine RPM =	1508			Exhaust % O <sub>2</sub> =	13.53
Fuel Usage Gal/hr =	62.47		Exhaus	t Temperature =	631
Comments:	, <u>-</u>				
			<del></del> -		
					<u></u>

Freeport-McMoRan Oil & Gas LLC M/V Adele Elise Port Main Engine

Project 033-9145 June 4, 2015

Pollutant	ppm	ppm @ 15% O₂	lb/hr	lb/1000 gal	g/BHP-hr
	388	322	9.97	172.9	3.74
NOx	390	323	9.95	173.5	3.76
	393	324	10.01	174.2	3.77
Mean	390	323	9.98	173.5	3.76
	58	48	0.90	15.6	0.34
co	59	48	0.91	15.8	0.34
	59	49	0.92	15.9	0.35
Mean	58	48	0.91	15.8	0.34
	1.1	0.9	0.048	0.83	0.018
ROC	1.1	0.9	0.046	0.81	0.018
C <sub>3</sub> -C <sub>6</sub> +	1.2	1.0	0.053	0.93	0.020
Mean	1.1	0.9	0.049	0.85	0.019
		Operationa	l Data	• • • • • • • • • • • • • • • • • • • •	
Engine RPM =	1496	Exhaust % O <sub>2</sub> = 13.7			13.76
Fuel Usage Gal/hr =	57.49		Exhaust	Temperature =	592
Comments:					
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		<u> </u>			

# AEROS ENVIRONMENTAL, INC. SUMMARY OF RESULTS

Freeport-McMoRan Oil & Gas LLC M/V Adele Elise

Project 033-9661 May 23, 2016

#### **Main Engines**

					PTO			
Emissions	ppm	lb/hr	lb/kgal	g/bhp-hr	Limits			
	NO <sub>x</sub>							
Port	427	10.90	187.7	3.92	5.99 g/bhp-hr <sup>1</sup>			
Starboard	392	9.06	168.5	3.52	270 lb/kgal <sup>1</sup>			
Total		19.96			34.35 lb/hr <sup>2</sup>			
		C	0					
Port	64	0.99	17.1	0.36				
Starboard	63	0.89	16.6	0.35				
Total		1.88			9.96 lb/hr <sup>2</sup>			
Average			16.9	0.36	78.3 lb/kgal <sup>3</sup>			
	ROC							
Port	0.8	0.035	0.60	0.013				
Starboard	0.6	0.024	0.44	0.009				
Total		0.059			2.14 lb/hr <sup>2</sup>			
Average			0.52		16.8 lb/kgal <sup>3</sup>			

#### Comments:

<sup>&</sup>lt;sup>1</sup> Compliance with *lb/kgal and g/bhp-hr* permit limits for NOx emissions are determined on a per engine basis.

<sup>&</sup>lt;sup>2</sup> Compliance with Ib/hr permit limits for NOx, CO and ROC emissions are determined by the sum of all main engines on a boat.

Compliance with Ib/kgal permit limits for CO and ROC emissions are determined by the average of all main engines on a boat.

Freeport-McMoRan Oil & Gas LLC M/V Adele Elise Starboard Main Engine

Project 033-9661 May 23, 2016

Pollutant	ppm	ppm @ 15% O₂	lb/hr	lb/kgal	g/bhp-hr
	393	319	8.92	169.3	3.53
NO <sub>x</sub>	394	319	9.15	169.4	3.54
•	389	314	9.12	166.6	3.48
Mean	392	317	9.06	168.5	3.52
	64	52	0.88	16.7	0.35
СО	63	51	0.89	16.5	0.34
	63	51	0.90	16.5	0.34
Mean	63	51	0.89	16.6	0.35
	0.7	0.6	0.024	0.47	0.010
ROC	0.7	0.5	0.025	0.46	0.010
C <sub>3</sub> -C <sub>6</sub> +	0.6	0.5	0.022	0.41	0.008
Mean	0.6	0.5	0.024	0.44	0.009
		Operationa	l Data		
Engine rpm =	1445		-	Exhaust % O₂ =	13.60
Fuel Usage, gph =	53.81		Exhaust Te	mperature, ° F≃	608
Comments:					

Freeport-McMoRan Oil & Gas LLC M/V Adele Elise Port Main Engine

Project 033-9661 May 23, 2016

ppm	ppm @ 15% O <sub>2</sub>	lb/hr	lb/kgal	g/bhp-hr
427	354	10.89	188.2	3.93
425	352	10.88	187.2	3.91
427	353	10.93	187.6	3.92
427	353	10.90	187.7	3.92
64	53	0.99	17.0	0.36
64	53	0.99	17.1	0.36
64	53	0.99	17.1	0.36
64	53	0.99	17.1	0.36
0.9	0.7	0.036	0.62	0.013
8.0	0.7	0.034	0.59	0.012
8.0	0.7	0.035	0.61	0.013
0.8	0.7	0.035	0.60	0.013
	Operationa	l Data		<del></del>
1452			Exhaust % O₂ =	13.78
58.06		Exhaust Te	mperature, * F=	595
	427 425 427 <b>427</b> 64 64 64 69 0.8 0.8	ppm         15% O₂           427         354           425         352           427         353           64         53           64         53           64         53           64         53           64         53           0.9         0.7           0.8         0.7           0.8         0.7           0.8         0.7           Operationa           1452	ppm         15% O₂         lb/hr           427         354         10.89           425         352         10.88           427         353         10.90           64         53         0.99           64         53         0.99           64         53         0.99           64         53         0.99           64         53         0.99           0.9         0.7         0.036           0.8         0.7         0.034           0.8         0.7         0.035           0.8         0.7         0.035           Operational Data	ppm15% $O_2$ lb/hrlb/kgal42735410.89188.242535210.88187.242735310.93187.642735310.90187.764530.9917.064530.9917.164530.9917.164530.9917.10.90.70.0360.620.80.70.0340.590.80.70.0350.610.80.70.0350.60 Operational Data Exhaust % $O_2$ =

# AEROS ENVIRONMENTAL, INC. SUMMARY OF RESULTS

Freeport-McMoRan Oil & Gas LLC OCS Supply Boat Adele Elise

Project 033-1076 June 5, 2017

#### **Main Engines**

Emissions	ppm	lb/hr	lb/kgal	g/bhp-hr	PTO Limits				
	NO <sub>x</sub>								
Port	390	9.57	169.8	3.55	5.99 g/bhp-hr <sup>1</sup>				
Starboard	370	8.07	153.0	3.19	270 lb/kgal <sup>1</sup>				
Total		17.64			34.40 lb/hr <sup>2</sup>				
		(	CO	~	<u>.</u>				
Port	53	0.79	14.1	0.29					
Starboard	58	0.77	14.6	0.30					
Total		1.56			9.98 lb/hr <sup>2</sup>				
Average			14.4	0.30	78.3 lb/kgal <sup>3</sup>				
		R	ОС						
Port	0.7	0.029	0.51	0.011					
Starboard	0.7	0.023	0.43	0.009					
Total		0.052			2.14 lb/hr <sup>2</sup>				
Average			0.47		16.8 lb/kgal <sup>3</sup>				

#### Comments:

<sup>&</sup>lt;sup>1</sup> Compliance with *lb/kgal* and *g/bhp-hr* permit limits for NO <sub>x</sub> emissions are determined on a per engine basis.

<sup>&</sup>lt;sup>2</sup> Compliance with lb/hr permit limits for NO<sub>x</sub>, CO and ROC emissions are determined by the sum of all main engines on a boat.

Compliance with Ib/kgal permit limits for CO and ROC emissions are determined by the average of all main engines on a boat.

#### AEROS ENVIRONMENTAL, INC.

#### **Summary Of Results**

Freeport-McMoRan Oil & Gas LLC OCS Supply Boat Adele Elise Port Main Engine

Project 033-1076 June 5, 2017

Pollutant	ppm	ppm @ 15% O <sub>2</sub>	lb/hr	lb/kgaí	g/bhp-hr
	389	320	9.51	169.7	3.54
NO <sub>x</sub>	388	319	9.52	169.1	3.53
	392	322	9.66	170.8	3.57
Mean	390	320	9.57	169.8	3.55
	54	44	0.80	14.2	0.30
со	53	44	0.79	14.1	0.29
	53	43	0.79	13.9	0.29
Mean	53	44	0.79	14.1	0.29
	0.7	0.6	0.028	0.50	0.010
ROC	0.7	0.6	0.029	0.51	0.011
C <sub>3</sub> -C <sub>6</sub> +	0.8	0.6	0.030	0.53	0.011
Mean	0.7	0.6	0.029	0.51	0.011
		Operationa	I Data		
Engine rpm =	1506			Exhaust % O₂ =	13.72
Fuel Usage, gph =	56.32		Exhaust Te	mperature, *F=	614
Comments:					
			-	<del></del>	
<u></u>				<u> </u>	

Freeport-McMoRan Oil & Gas LLC OCS Supply Boat Adele Elise Starboard Main Engine

Project 033-1076 June 5, 2017

Pollutant	ppm	ppm @ 15% O₂	lb/hr	lb/kgal	g/bhp-hr
	371	291	8.12	154.2	3.22
NO <sub>x</sub>	369	288	8.06	152.6	3.19
	369	287	8.02	152.3	3.18
Mean	370	289	8.07	153.0	3.19
	58	45	0.77	14.7	0.31
co	57	45	0.76	14.4	0.30
	59	46	0.78	14.7	0.31
Mean	58	45	0.77	14.6	0.30
	0.7	0.5	0.023	0.44	0.009
ROC	0.6	0.5	0.021	0.40	0.008
C <sub>3</sub> -C <sub>6</sub> +	0.7	0.5	0.024	0.46	0.010
Mean	0.7	0.5	0.023	0.43	0.009
		Operationa	l Data		
Engine rpm =	1505			Exhaust % O₂ =	13.35
Fuel Usage, gph =	52.71		Exhaust Te	mperature, * F=	648
Comments:			<u> </u>		
		<del></del>		<del></del> -	
			<u></u>		
					<u> </u>

ExxonMobil Upstream Oil & Gas Company U.S. Production -- Santa Ynez Unit 12000 Calle Real Goleta, California 93117-9708



October 26, 2020

POPCO Permit Re-evaluation PTO 8092

Engineering Division Santa Barbara County Air Pollution Control District 260 North San Antonio Road Suite A Santa Barbara, California 93110

Mr. William Sarraf:

ExxonMobil hereby submits the permit re-evaluation for Pacific Offshore Pipeline Company's (POPCO) Part 70 PTO 8092. You are hereby authorized to deduct the subject application fees from ExxonMobil's reimbursable account.

If you have any questions or comments, please contact Jun H. Kim at 805-961-4051 or via email at jun.h.kim@exxonmobil.com.

Sincerely,

Bryan S. Anderson

California Asset Manager

Enclosures: APCD-01 Form Title V Forms



#### General Permit Application Form -01

Santa Barbara County Air Pollution Control District 260 N. San Antonio Road, Suite A Santa Barbara, CA 93110-1315

					Dania Daloata, CA 75110-1515
1. /	APPLICATION 1	ΓΥΡΕ (check all that a	apply):		
	Permit to Op  ATC Modifi  PTO Modifi  Other (Speci	cation ify)		Transfer of Owner/Ope Emission Reduction Cre Increase in Production I Decrease in Production	edits Rate or Throughput
	Previous ATC/P	TO Number (if know	n) PTO 8092	2	
	• Yes C No	application types	except ATCs an lete Title 5 Forn	nd Emission Reduction ( n -1302 C1/C2, D1/D2,	pplies to Title 5 sources only and applies to all Credits). Complete Title 5 Form -1302 A1/A2, E1/E2, F1/F2, G1/G2 as appropriate. http://
	Mail the complet	ed application to the A	APCD's Enginee	ring Division at the add	ress listed above.
	July 1st. Please et at: http://www.ou may also be made	nsure you are remitting rair.org/district-fees). by credit card by using	g the correct cur This filing feeving the Credit Ca	rent fee (the current fee will not be refunded or a rd Authorization Form a	cation filing fee is COLA-adjusted every schedule is available on the APCD's webpage applied to any subsequent application. Payment at the end of this application.  SED TO BE LOCATED WITHIN 1,000
	completed Form -0			IOOL? If yes, and the p w.ourair.org/wp-content	roject results in an emissions increase, submit a /uploads/apcd-03.pdf Yes No
	Address of school	ol(s)			
	City			Zip Code	
	If yes, please subn disclosure to the p Procedure 6100-02 meet the criteria of or to declare it as of information from p	nit with a redacted dup ublic, all information of 20 ( <i>Handling of Confic</i> of CA Govt Code Sec 6 confidential at the time	clicate application of the confidential Information of the confidential Information of the confidential of application, Part 70 permit application of the confidential	dential shall be submitte ion): http://www.ourair. o follow required proces shall be deemed a waive	C Yes No c document. In order to be protected from ed in accordance with APCD Policy & org/wp-content/uploads/6100-020.pdf, and dures for submitting confidential information, er by the applicant of the right to protect such aformation in accordance with the above procedures, however, the
		FOR APCI	USE ONLY		DATE STAMP
	FID	03170	Permit No.	PT-70/Reeval 0	8092-R10
	Project Name	POPCO	2112		Rec'vd 10/27/2020
	Filing Fee	\$420		202.E? YES / NO	

Billed ExxonMobil Upstream

#### 5. COMPANY/CONTACT INFORMATION:

Owner Info						
Company Name	ExxonMobil Upstream Oil & Gas Company					
Doing Business As						
Contact Name	Otis Dickinson Position/Title Regulatory Compliance Supervisor					
Mailing Address	12000 Calle Real					
City Goleta	State CA Zip Code 93117					
Telephone 83	2-624-1257 Cell 713-409-5313 Email otis.dickinson@exxonmobil.com					
Operator Info						
Company Name	Same as Owner Information					
Doing Business As						
Contact Name	Position/Title					
Mailing Address						
City	State Zip Code					
Telephone	Cell Email					
Authorized Agent In	fo* C Yes C No Use as Billing Contact?					
Company Name	Jo C 105 C 140 O Se as Estates					
Doing Business As						
Contact Name	Position/Title					
Mailing Address						
City	State Zip Code					
Telephone	Telephone Cell Email					
*Use this section if the appointent/uploads/apcd-01a.	*Use this section if the application is not submitted by the owner/operator. Complete APCD Form -01A ( http://www.ourair.org/wp-content/uploads/apcd-01a.pdf). Owner/Operator information above is still required.					
SEND PERMITTIN	SEND PERMITTING CORRESPONDENCE TO (check all that apply):					
⊠ Owner	○ Operator					
Authorized Agent Other (attach mailing information)						

Page 2 of 6

Oil & gas exploration and production			
	*		
<b>EQUIPMENT LOCATION (Address):</b>			
Specify the street address of the propose please specify the location by cross stree	d or actual equipment location. If s, or lease name, UTM coordinates,	the location does not have a or township, range, and sec	a designated addres
Equipment Address 12000 Calle Real			
City Goleta	State CA	Zip Code 93117	
Work Site Phone 8059614030			
C Incorporated (within city limits)	Unincorporated (outside city limits)	Used at Various Loca	tions
Assessors Parcel No(s):			
PROJECT DESCRIPTION:			<u>.</u>
(Describe the equipment to be constructed, m needed):	odified and/or operated or the desired ch	nange in the existing permit. A	ttach a separate page
Re-evaluation and renewal of Part 70 PTO 80		3.0	
DO YOU REQUIRE A LAND USE PER DESCRIBED IN THIS APPLICATION	Yes • No	Y PERMIT FOR THE PR	ROJECT
A. If yes, please provide the following infor	nation		
Agency Name	Permit #	Phone #	Permit Date
			] []
* The lead agency is the public agency tresponsible for determining whether the review and environmental document will rather than the Air Pollution Control District.	project will have a significant effect on the be necessary. The lead agency will non-	he environment and determines	what environmental
B. If yes, has the lead agency permit applicat	on been deemed complete and is a copy	of their completeness letter	attached?
CYes C No			
Please note that the APCD will not de	m your application complete until the	ne lead agency application is	deemed complete.
C. If the lead agency permit application has not been deemed complete, please explain.			
A copy of the final lead agency permit or completeness review process.	other discretionary approval by the lead	agency may be requested by the	ne APCD as part of or

6. GENERAL NATURE OF BUSINESS OR AGENCY:

10. PRO	JECT STATUS:						
A. 1	Date of Equipment Installation	N/A	]				
ec	lave you been issued a Notice of Value	Violation (NOV) for not obtaining a perre you installed this equipment without the per Rule 210.	nit for this he required APCD permit(s)?	C Yes     ● No			
C. Is	C. Is this application being submitted due to the loss of a Rule 202 exemption?						
		nultiple phases? If yes, attach a separate ling the associated timing, equipment an		C Yes ( No			
	this application also for a change orm -01T.	of owner/operator? If yes, please also i	nclude a completed APCD	C Yes ( No			
11. APPI	LICANT/PREPARER STAT	EMENT:					
The poperarequi	tor or an authorized agent (contra-	n also must sign the permit application. etor/consultant) working on behalf of the	The preparer may be an emplo e owner/operator (an Authorize	oyee of the owner/ ed Agent Form -01A is			
1	certify pursuant to H&SC Section application is true and correct.	n 42303.5 that all information contained	herein and information submi	tted with this			
			10/	24/12			
	Signat	ure of application preparer		late /			
				vale /			
	Jui	n H. Kim	ExxonMobil Upstream O	il & Gas Com			
	Print name of	application preparer	Employer nan	ne			
12. APPL	JICATION CHECKLIST (ch	eck all that apply)					
	remitting the current fee.) As a	\$420. The application filing fee is COL, convenience to applicants, the APCD vmplete the attached Credit Card Authority	vill accept credit card payment	s. If you wish to use			
$\boxtimes$		y request that the filing fee be deducted ng fee from my existing reimbursement		e deposits by checking			
	Form -01T (Transfer of Owner from what is listed on the curre	r/Operator) attached if this application a ent permit. http://www.ourair.org/wp-co	also addresses a change in own pntent/uploads/apcd-01t.pdf	er and/or operator status			
	Form -03 (School Summary Form school (k-12) and the project re	orm) attached if the project's property bo esults in an emissions increase. http://w	undary is within 1,000 feet of www.ourair.org/wp-content/upl	the outer boundary of a oads/apcd-03.pdf			
	APCD's General APCD Inform	PCD for processing the application as id- nation Requirements List (http://www.sb mmary Forms (http://www.ourair.org/p	caped.org/eng/dl/other/gen-inf	o.pdf), and any of the			
	Form -01A (Authorized Agent sent to an Authorized Agent (eourair.org/wp-content/uploads/	Form) attached if this application was page, contractor or consultant). This form apcd-01a.pdf	repared by and/or if correspond must accompany each applica	dence is requested to be tion. http://www.			
		itted according to APCD Policy & Proce		llow Policy and			

#### 13. NOTICE OF CERTIFICATION:

All applicants must complete the following Notice of Certification. This certification must be signed by the Authorized Company Representative representing the owner/operator. Signatures by Authorized Agents will not be accepted.

Bryan S. Anderson	, am employed by or represent	
Type or Print Name of Authorized Company Re		
ExxonMobil Upstream Oil and Gas Company		
Type or Print Name of Busin	s, Corporation, Company, Individual, or Agency	
e actual recorded cost, plus administrative cost, incurred l	agree that I will pay the Santa Barbara County Air Pollution Control the APCD in the processing of the application within 30 days of the shall inform the APCD in writing and I will be charged for all costs	billing
rough closure of the APCD files on the project.  or applications submitted for Authority to Construct, modity operate permits, I hereby certify that all major stationary operated by the applicant, or by an entity controlling, core on approved schedule for compliance with all applicable eq.) and all applicable emission limitations and standards of	cations to existing Authority to Construct, and Authority to Construct ources in the state and all stationary sources in the air basin which ar olled by, or under common control with the applicant, are in compliant of the State Implementation Plan approved by the Environment of the Environmen	et/Permit e owned ance, or 7401 <i>et</i>
or applications submitted for Authority to Construct, mode Operate permits, I hereby certify that all major stationary roperated by the applicant, or by an entity controlling, core on approved schedule for compliance with all applicable	cations to existing Authority to Construct, and Authority to Construct ources in the state and all stationary sources in the air basin which are olled by, or under common control with the applicant, are in compliants of the common control with the applicant of the Clean Air Act (42 USC)	et/Permit e owned ance, or 7401 <i>et</i>
or applications submitted for Authority to Construct, mode of Operate permits, I hereby certify that all major stationary operated by the applicant, or by an entity controlling, core on approved schedule for compliance with all applicable eq.) and all applicable emission limitations and standards verotection Agency.	cations to existing Authority to Construct, and Authority to Construct ources in the state and all stationary sources in the air basin which ar colled by, or under common control with the applicant, are in compliatemission limitations and standards under the Clean Air Act (42 USC pich are part of the State Implementation Plan approved by the Environment	et/Permit e owned ance, or 7401 <i>et</i>
or applications submitted for Authority to Construct, modition of the application of the applicant, or by an entity controlling, controlling, controlling on approved schedule for compliance with all applicable eq.) and all applicable emission limitations and standards wrotection Agency.  Completed By:  Jun H. Kim	cations to existing Authority to Construct, and Authority to Construct ources in the state and all stationary sources in the air basin which are folled by, or under common control with the applicant, are in complia emission limitations and standards under the Clean Air Act (42 USC sich are part of the State Implementation Plan approved by the Environmental Advisor	et/Permit e owned ance, or 7401 <i>et</i>
or applications submitted for Authority to Construct, modic Operate permits, I hereby certify that all major stationary or operated by the applicant, or by an entity controlling, conce on approved schedule for compliance with all applicable eq.) and all applicable emission limitations and standards wrotection Agency.  Completed By:  Jun H. Kim  Date:  /0/26/2020	cations to existing Authority to Construct, and Authority to Construct ources in the state and all stationary sources in the air basin which are folled by, or under common control with the applicant, are in complia emission limitations and standards under the Clean Air Act (42 USC sich are part of the State Implementation Plan approved by the Environmental Advisor	et/Permit e owned ance, or 7401 <i>et</i>
or applications submitted for Authority to Construct, modic Operate permits, I hereby certify that all major stationary or operated by the applicant, or by an entity controlling, conce on approved schedule for compliance with all applicable eq.) and all applicable emission limitations and standards wrotection Agency.  Completed By:  Jun H. Kim  Date:  /0/26/2020	cations to existing Authority to Construct, and Authority to Construct ources in the state and all stationary sources in the air basin which are folled by, or under common control with the applicant, are in complia emission limitations and standards under the Clean Air Act (42 USC sich are part of the State Implementation Plan approved by the Environmental Advisor	et/Permit e owned ance, or 7401 <i>et</i>

PLEASE NOTE THAT FAILURE TO COMPLETELY PROVIDE ALL REQUIRED INFORMATION OR FEES WILL RESULT IN YOUR APPLICATION BEING RETURNED OR DEEMED INCOMPLETE.

# STATIONARY SOURCE SUMMARY (Form 1302-A1)

APCD: Santa Barbara County Air Pollution Control Distr	int				
COMPANY NAME: ExxonMobil Upstream Oil & Gas Company					
➤ APCD USE ONLY <	APCD IDS Proce				
	Date Application				
Application Filing Fee*:	Date Application Deemed	Complete:			
I. SOURCE IDENTIFICATION					
1. Source Name: Exxon – Pacific Offshore Pipe	eline Company (POPCO)				
2. Four digit SIC Code: 1311 USE	PA AIRS Plant ID (for APC	D use only):			
3. Parent Company (if different than Source Name): Exxe	nMobil Upstream Oil & Ga	s Company			
4. Mailing Address of Responsible Official: 12000 Calle	Real, Goleta, CA 93117				
5. Street Address of Source Location (include Zip Code):	12000 Calle Real, Goleta,	CA 93117			
6. UTM Coordinates (if required) (see instructions):					
7. Source located within: 50 miles of the state line	[ ] Yes	[X] No			
50 miles of a Native American Nation	[ ] Yes	[ ] No	[X] Not Applicable		
8. Type of Organization: [X] Corporation [] Sole	Ownership [ ] Governme	ent			
[ ] Partnership [ ] Utility	Company				
9. Legal Owner's Name: ExxonMobil Upstream Oil & Ga	s Company				
10. Owner's Agent Name (if any): NA	Title:	Те	lephone #:		
11. Responsible Official: Bryan Anderson Title: Calife	ornia Operations Asset Mana	ager Telephor	ne #: (805)-961-4078		
12. Plant Site Manager/Contact: Bryan Anderson Title	California Operations Ass	et Manager To	elephone #: (805)-961-4078		
13. Type of facility: Oil and Gas Processing Facility					
14. General description of processes/products: See Section	n 2 of Part 70 PTOs 5651				
15. Does your facility store, or otherwise handle, greater the	nan threshold quantities of a	ny substance o	n the Section 112(r) List of		
Substances and their Thresholds (see Attachment A)? [ >	] Yes [ ] No The fac	ility is not subj	ect to the RMP during the		
preservation period and notified the EPA of de-registration	<u>n on March 22, 2017</u> .				
16. Is a Federal Risk Management Plan [pursuant to Section	on 112(r)] required? [ ] N	ot Applicable	[X] Yes [] No		
(If yes, attach verification that Risk Management Plan is re Management Plan submittal.)  * Applications submitted without a filing fee will be returned to	_				

Page \_\_\_\_\_ of \_\_\_\_

SBC APCD (4.03.06)

#### STATIONARY SOURCE SUMMARY (Form 1302-A2)

APCD:	> APCD USE ONLY ≺	
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:	
COMPANY NAME: ExxonMobil Upstream Oil & Gas Company	SOURCE NAME: Exxon – POPCO	

#### II. TYPE OF PERMIT ACTION

		CURRENT PERMIT (permit number)	EXPIRATION (date)
	Initial SBCAPCD's Regulation XIII Application		
X	Permit Renewal	8092	April 2021
	Significant Permit Revision*		
	Minor Permit Revision*		
	Administrative Amendment		

#### III.

. DE	SCRIPTION OF PERMIT ACTION		
1.	Does the permit action requested involve:	a:	[ ] Portable Source [ ] Voluntary Emissions Caps [ ] Acid Rain Source [ ] Alternative Operating Scenarios [ ] Source Subject to MACT Requirements [Section 112]
	b:	[ X ]	None of the options in 1.a. are applicable
2.	Is source operating under a Title V Program C	Complia	ance Schedule? [ ] Yes [X] No
3.	For permit modifications, provide a general de	escripti	ion of the proposed permit modification:
Thi	s application is being submitted for permit re-ev	valuati	on and renewal for Part 70 PTO 8092.
*Re	quires APCD-approved NSR permit prior to a	permit	revision submittal

# TOTAL STATIONARY SOURCE EMISSIONS (Form 1302-B)

APCD:	➤ APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: ExxonMobil Upstream Oil & Gas Company	SOURCE NAME: Exxon- POPCO

#### I. TOTAL STATIONARY SOURCE EMISSIONS

Provide a brief description of operating scenario:

POLLUTANT  * (name)	EMISSIONS (tons per year)	PRE-MODIFICATION EMISSIONS (tons per year)	EMISSIONS CHANGE (tons per year)
No change is emi	ssions requested for this renewa	l application	

<sup>\*</sup> Emissions for all pollutants for which the source is major and for all NSPS/MACT-regulated air pollutants must be reported. HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

SBC APCD (4.03.06)

Daga	- C
Page	of

# EXEMPT EMISSIONS UNITS (Form 1302-H)

nta Barbara County Air Pollut			Processing ID:
COMPANY NAME: ExxonMobil Upstream Oil & Gas Company		SOURCE	NAME: Exxon- POPCO
YES X NO	nitting activities to be ins		See definition at bottom of page)  oporting calculations)
Activity	Description of Activity Units	//Emission	Potential to Emit for each Pollutant
See existing insignifical	nt activity list/discussion in currer	t permit. Table 5	.9 - Estimate Exempt Emissions
			[4
-			
		<u></u>	
emissions cannot exceed any regulated HAP.	e defined in APCD Rule 130 2 tons per year potential to e ities are not exempt from Par	mit (PTE) any	For an activity to be considered insignific criteria pollutants, and 0.5 tons per year for the permits.
		and wes wesse	p

# (Form 1302-I1)

APCD:	➤ APCD USE ONLY <	
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:	
COMPANY NAME: ExxonMobil Upstream Oil & Gas Company	SOURCE NAME: Exxon- POPCO	

#### I. PROCEDURE FOR USING FORM 1302-I

This form shall be submitted as part of the SBCAPCD's Regulation XIII Application. The Responsible Official shall identify the applicable federal requirement(s) to which the source is subject. In the Compliance Plan (Form 1302-I), a Responsible Official shall identify whether the source identified in the SBCAPCD's Regulation XIII Application currently operates in compliance with all applicable federal requirements.

#### II. APPLICABLE FEDERAL REQUIREMENTS

Applicable Fed	eral Requirement <sup>1</sup>	Affected Emission Unit	In compliance?	Effective
Regulatory Reference <sup>2</sup>	Regulation Title <sup>2</sup>		(yes/no/exempt <sup>3</sup> )	Date <sup>4</sup>
See Section 3 of existing	Part 70 PTO 8092			
40 CFR Part 63 Subpart ZZZZ	NESHAP for Stationary Reciprocating Internal Combustion Engines	Emergency electrical generator engines (2) Firewater Pumps (2)	Yes	3/9/2011
40 CFR Part 63 Subpart DDDDD	NESHAP for Major Sources: Industrial, Commercial and Institutional Bollers & Process Heaters	Boiler B-801A and B-801B	Yes	3/21/2012
40 CFR 63 Subpart HH	NESHAP from Oil and Natural Gas Production Facilities	Ancillary Equipment	Yes	8/16/2012
40 CFR 60 Supart 0000	NSPS for Crude Oil and Natural Gas Production, Transmissions and Distribution	Compressors, Storage Vessels and Sweetening Unit	Yes	8/16/2012

- 1 Review APCD SIP Rules, NSPS, NESHAPS, and MACTs.
- 2 Regulatory Reference is the abbreviated citation (e.g. 40 CFR 60 Subpart OOO, APCD Rule 325.H) and Title is the prosaic title (e.g. NSPS Standards of Performance for Nonmetallic Mineral Processing Plants, Crude Oil Production and Separation, Inspection)
- 3 If exempt from applicable federal requirement, include explanation for exemption.
- 4 Indicate the date during the permit term that the applicable federal requirement will become effective for the emission unit.

Other Applicable Federal Requirements <sup>5</sup>	Affected Emission Unit	In compliance?	Effective Date
See existing Part 70 PTO 8092	See Permit	Yes	3/1/2013

<sup>5</sup> All environmentally significant permit conditions – such as emission, operation, and throughput limitations or compliance monitoring conditions associated with such limitations – listed in all authority to construct (ATC) permits issued to the Part 70 source are also applicable requirements.

SBC APCD (4.03.06)

<sup>\*\*\*</sup> If more than one page is used, please ensure that "Santa Barbara APCD", stationary source name and "Form 1302-I1" appear on each page. \*\*\*

# (Form 1302-I2)

APCD:	➤ APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: ExxonMobil Upstream Oil & Gas Company	SOURCE NAME: Exxon- POPCO

#### III. COMPLIANCE CERTIFICATION

#### Under penalty of perjury, I certify the following:

- Based on information and belief formed after reasonable inquiry, the source identified in this application will continue to comply with the applicable federal requirement(s) with which the source is in compliance identified in form 1302-I1;
- Based on information and belief formed after reasonable inquiry, the source identified in this application will comply with the future-effective applicable federal requirement(s) identified in form 1302-11, on a timely basis<sup>1</sup>;
- Based on information and belief formed after reasonable inquiry, the source identified in this application is not in compliance with the applicable federal requirement(s), identified in form 1302-I1, and I have attached a compliance plan schedule.<sup>2</sup>

Signature of Responsible Official

- 1. Unless a more detailed schedule is expressly required by the applicable federal requirement.
- 2. At the time of expected permit issuance, if the source expects to be out of compliance with an applicable federal requirement, the applicant is required to provide a compliance schedule with this application, with the following exception. A source which is operating under a variance that is effective for less than 90 days need not submit a Compliance Schedule. For sources operating under a variance, which is in effect for more than 90 days, the Compliance Schedule is the schedule that was approved as part of the variance granted by the hearing board.

The compliance schedule shall contain a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with this applicable federal requirement. For sources operating under a variance, the compliance schedule is part of the variance granted by the hearing board. The compliance schedule shall resemble, and be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. For sources not operating under a variance, consult the Air Pollution Control Officer regarding procedures for obtaining a compliance schedule.

# CERTIFICATION STATEMENT (Form 1302-M)

D: a Barbara County Air Pollution Control District	➤ APCD USE ONLY < APCD IDS PROCESSING ID:
APANY NAME: onMobil Upstream Oil & Gas Company	SOURCE NAME: Exxon – POPCO
or attachments that are not identified below, please id	ments that are part of your application. If the application contains the lentify these attachments in the blank space provided below. Reviewments that need to be included in a complete application.
X Stationary Source Summary Form X Total Stationary Source Emission Form X Compliance Plan Form X Compliance Plan Certification Form X Exempt Equipment Form X Certification Statement Form List other forms or attachments Re-evaluation comments table	Attachments included with application  Description of Operating Scenarios Sample emission calculations Fugitive emission estimates List of Applicable requirements Discussion of units out of compliance with applicable federal requirements and, if required, submit a schedule of Compliance Facility schematic showing emission points NSR Permit PSD Permit Compliance Assurance monitoring protocols Risk management verification per 112(r)
I certify that I am the responsible official, as define Part 70.	on and belief formed after reasonable inquiry, that the informations and attachments identified above, are true, accurate, and ed in SBCAPCD's Regulation XIII, Rule 1301 or USEPA's 40 C
Signature of Responsible Official	Date 10/24/20
Print Name of Responsible Official: Bryan S. And Title of Responsible Official and Company Name:	

# CERTIFICATION STATEMENT (Form 1302-M continued)

APCD:	➤ APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS PROCESSING ID:
COMPANY NAME: ExxonMobil Upstream Oil & Gas Company	SOURCE NAME: Exxon – POPCO

	List Other Forms or Attachments (cont.)	
Re-evaluation	comments table	
		_

# RE-EVALUATION COMMENTS ON PTO/Part 70 PERMIT NO. 8092 **EXXONMOBIL- SYU PROJECT** POPCO Gas Plant (FID 3170)

The table below lists ExxonMobil's issues and proposed resolution for specific items in referenced permit.

Equipment Affected	Section Issue	Issue	Proposed Resolution	Comments
Furnace	10.2	In section 10.2, descriptions for SRU Reaction Furnace (A.6.1.4) and Forced Air Furnace (B.5) need to be corrected.	Forced Air Furnace (Device ID# 008792): - Delete Operator ID F-A412 - Delete Location Note D-10- MP-6 SRU Reaction Furnace (Device ID# 105167): - Add Location Note D-10-MP-6	
			- No change to Operator ID F- A412	
Emergency Generator	Various	Delisting of POPCO emergency generator (G-800) from facility permit (Device ID# 002358).	Delisting of POPCO emergency generator (G-800) during next permit re-evaluation per discussion with William Sarraf.	