## Chaco Plant Event 10/28/2024

	ssumes 200 soffhr pilo	t gas																
	ssumes 200 sof/hr pilo	t gas																
	ssumes 200 sof/hr pilo	t gas					Steady	State Value	es					SSI	Ms Values			
			assist air = 60,000 cu ft	/hr	Li	imits (lb/hr):	5.4	10.8	11.6	0.04	NA	Lit	mits (lb/hr):	54.9	109.6	10.9	10.9	NA
			NHV = 1482 Btu/scf		Exceedance cour	nt:	0	0	0	0	0	Exceedance coun	t:	3	3	12	0	0
			Flare dia = 8.44 ft		Monthly Totals (	lbs)	*DIV/0!	#DIV/0!	#DIV/0!	*DIV/0!	0.00	Monthly Totals (I	bs)	#DIV/0!	*DIV/0!	*DIV/0!	*DIV/0!	0.00
S-C-1-24 19:45:00	Flow (scf/min)	verall Flow (scf/l	NHVdil		Steady State Flow (soffhr)	MMBtu/hr	NOx (lb/hr)	CO (lb/hr)	VOC (Ib/hi	)SO <sub>2</sub> (lb/hr)	H₂S (lb/hr)	SSMs Flow (sef/hi	MMBtu/hr	NOx (lb/hr)	CO (lb/hr)	VOC (Ib/hr)	SO2 (lb/hr)	H₂S (IL
	169.1660767	-																
26-Oct-24 20:00:00	172.2429657	10,347.71		1.00	10347.71	15.01	2.1	4.1	3.2	0.0003	0.0	0.00	0.00	0.0	0.0	0.0	0.0000	0.0
26-Oct-24 20:15:00	177.6968231																	
26-Oct-24 20:30:00	172.401123																	
26-Oct-24 20:45:00	154,1734009																	
26-Oct-24 21:00:00	1122.20166	14,240.00	1min avg data	1.00	14240.00	20.65	2.9	5.7	4.4	0.0004	0.0	0.00	0.00	0.0	0.0	0.0	0.0000	0.0
26-Oct-24 21:15:00	195.2945709																	
26-Oct-24 21:30:00	214.6046906																	
26-Oct-24 21:45:00	210.8713531																	
26-Oct-24 22:00:00	199.9446411	67,568.00	1min avg data	0.30	20270.40	29.40	4.1	8.1	6.2	0.0006	0.0	47,297.60	68.60	9.5	18.9	7.3	0.0014	0.0
26-Oct-24 22:15:00	200.899826	31,222.22										,===						
26-Oct-24 22:30:00	206.3512573					1												
26-Oct-24 22:45:00	198.4236755																	
26-Oct-24 23:00:00	5653.07666	197,540.00	1min avg data	0.01	1975.40	2.86	0.4	0.8	0.6	0.0001	0.0	195,564.60	283.63	39.1	78.1	30.0	0.0056	0.0
26-Oct-24 23:15:00	4110.549316	,										,						
26-Oct-24 23:30:00	2416.862061																	
26-Oct-24 23:45:00	2087.604004																	
27-Oct-24 00:00:00	2852.337891	122,054,00	1min avg data	0.01	1220.54	1,77	0.2	0.5	0.4	0.0000	0.0	120,833,46	175.25	24.2	48.3	18.6	0.0035	0.0
27-Oct-24 00:15:00	2284.117188	,										,						
27-Oct-24 00:30:00	1980.687378																	
27-Oct-24 00:45:00	1699.749756																	
27-Oct-24 01:00:00	1553.939209	129,746.00	1min avg data	0.01	1297.46	1.88	0.3	0.5	0.4	0.0000	0.0	128,448.54	186.29	25.7	51.3	19.7	0.0037	0.0
27-Oct-24 01:15:00	1372.229126																	
27-Oct-24 01:30:00	1191.112671																	
27-Oct-24 01:45:00	3709.72583																	
27-Oct-24 02:00:00	2212.429443	58,232.00	1min avg data	0.30	17469.60	25.34	3.5	7.0	5.4	0.0005	0.0	40,762.40	59.12	8.2	16.3	6.3	0.0012	0.0
27-Oct-24 02:15:00	1313.476196		-															
27-Oct-24 02:30:00	804.4140015																	
27-Oct-24 02:45:00	521.2411499																	
27-Oct-24 03:00:00	399.5028992	14,555.55		1.00	14555.55	21.11	2.9	5.8	4.5	0.0004	0.0	0.00	0.00	0.0	0.0	0.0	0.0000	0.0
27-Oct-24 03:15:00	225.9324799																	
27-Oct-24 03:30:00	220.9188385																	
27-Oct-24 03:45:00	110.6824112																	

VOC exceedance count (3) = (30.0 - 10.9) + (18.6 - 10.9) + (19.7 - 10.9) = 35.6 lb/hr VOC (22.76 lb/hr Average Emission Rate)

C1 Blowdown Volume: (18.055 MCF) (217 lbs VOCs) Fits in Annual limits

C2 Blowdown Volume: (21.038 MCF) (252 lbs VOCs) Fits in Annual limits

Refrigerant Economizer V-8115 (78"x20' @  $\sim$ 38% liquid level change) = **2,647 lb of C3 All VOC M1 – Malfunction VOC** 

Refrigerant Surge V-8116 (5.5"x14' @ ~30% liquid level change) = 7,486 lb of C3 All VOC M1 – Malfunction VOC

10133 lbs VOC Propane was assumed to be released to atmosphere due to broken valve cover and is included in the blowdown SSM.

AT Number *				Emission Unit No.:		
AI Number: *	1148 Chai	nge Al		Emission Unit No.:	SSM Flare 44	Select Emission Unit
Activity Number:	001148-102820	24-01		Emission Unit Desc.:	Start-up Shut-do	wn Maintenance
Facility Name:	Chaco Gas Plant			Release Point No.:	SSM Flare 44	Select Release Point
Company Name:	Enterprise Field Se	rvices, LLC		Release Point Desc.:	Start-up Shut-do	wn Maintenance
Source Is:	O Stationary Sour	rce			Military Time (H	H:MM)
	O Portable Source			Discovery Date/Time:	10/26/2024	Time: 20 : 55
Portable Location:	UTM:			Start Date/Time:	10/26/2024	7 Time: 20:00
	Lat:	Long:		End Date/Time:		17 Time: 2 : 00
Title V Permit No.:				1st Business Day after	10/28/2024	7 mile: 2 . 00
	P116R3			Discovery:	10/28/2024	
NSR Permit No.:	PSD-1555M7R5					
				Submission Status:	Initial EER	~
	Save	Submit to AQB	Delete	Return to List Incorre	ct Permit Data	
SECT. II - REPORT REQ.		SECTION III - EVENT	ТҮРЕ			
		SECTION III - EVENT		Shutdown, or Scheduled Main	tenance Notificatio	n:
✓ 20.2.7 NMAC		yana sajawa	Start-up, S	Shutdown, or Scheduled Main Notification Sub	_	n:
20.2.7 NMAC 20.2.70 NMAC (Title V)		) Malfunction ) Startup ) Shutdown	Start-up, S  Yes  No	Notification Sub	_	
✓ 20.2.7 NMAC ✓ 20.2.70 NMAC (Title V) □ 40 CFR 60 (NSPS)		) Malfunction ) Startup ) Shutdown ) Emergency	Start-up, S	Notification Sub	omitted:	
SECT. II - REPORT REQ.  20.2.7 NMAC  20.2.70 NMAC (Title V)  40 CFR 60 (NSPS)  40 CFR 63 (MACT)  Check all that apply)		) Malfunction ) Startup ) Shutdown	Start-up, S  Yes  No  N/A	Notification Sub Explain Why No	omitted:	or N/A:
20.2.7 NMAC 20.2.70 NMAC (Title V) 40 CFR 60 (NSPS) 40 CFR 63 (MACT)	C	Malfunction Startup Shutdown Emergency Scheduled	Start-up, S Yes No No N/A	Notification Sub Explain Why No Defense Claim: Is Exce	omitted:  tif. Not Submitted	or N/A: settlement agreement?:
20.2.7 NMAC 20.2.70 NMAC (Title V) 40 CFR 60 (NSPS) 40 CFR 63 (MACT)	C C C M	Malfunction Startup Shutdown Emergency Scheduled Jaintenance	Start-up, S  Yes  No  N/A	Notification Sub Explain Why No	omitted:  tif. Not Submitted  ss Emission part of	or N/A:
2 20.2.7 NMAC 2 20.2.70 NMAC (Title V) 40 CFR 60 (NSPS) 40 CFR 63 (MACT)	C C C M	Malfunction Startup Shutdown Emergency Scheduled aintenance	Start-up, S Yes No N/A Affirmative	Notification Sub Explain Why No Defense Claim: Is Exce	omitted:  tif. Not Submitted  ss Emission part of	or N/A: settlement agreement?:
20.2.7 NMAC 20.2.70 NMAC (Title V) 40 CFR 60 (NSPS) 40 CFR 63 (MACT) Check all that apply)	C C C C C C C C C C C C C C C C C C C	Malfunction Startup Shutdown Emergency Scheduled Jaintenance	Start-up, S Yes No N/A Affirmative	Notification Sub Explain Why No Defense Claim: Is Exce	omitted:  tif. Not Submitted  ss Emission part of	or N/A: settlement agreement?:
20.2.7 NMAC 20.2.70 NMAC (Title V) 40 CFR 60 (NSPS) 40 CFR 63 (MACT)	C C C C C C C C C C C C C C C C C C C	Malfunction Startup Shutdown Emergency Scheduled Jaintenance	Start-up, S Yes No N/A Affirmative	Notification Sub Explain Why No Defense Claim: Is Exce	omitted:  tif. Not Submitted  ss Emission part of	or N/A: settlement agreement?:

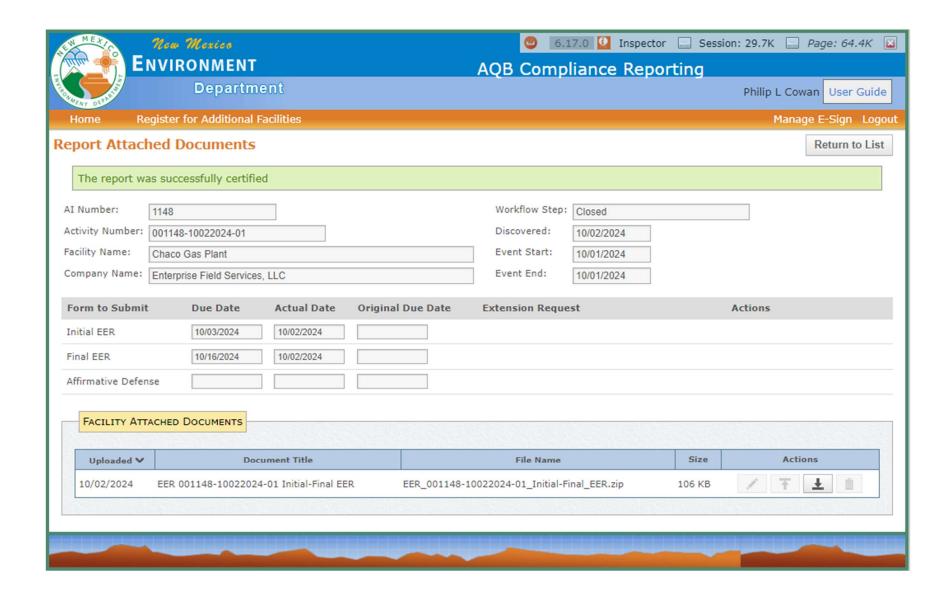
SECTION VII - EMISSIONS ARE IN EXCESS OF THE FOLLOWING REQUIREMENT  sermit Number  1116-R3  OR  Section  Actions  Averaging Excess Emissions  Pollutant  Duration of Event (humm)  Colabile Organic  Compliante (VOC)  Add Emission Detail Line  SECTION IX - BASIS OF ESTIMATE  Compliance Testing  Compliance Testing  Continuous Emission Monitor  Calculation  Color (appendix of the Certify button, I agree to the following:  After reasonable inquiry, I certify this report as true, accurate and complete.  Reporting Official: Philip Cowan	SECTION V - STEPS T	AKEN TO LIMIT DURA	TION OF EXCESS EMIS	SSION				
SECTION VII - CORRECTIVE MEASURES TAKEN etailed label: acity ESD was initiated with blow down  Section VII - EMISSIONS ARE IN EXCESS OF THE FOLLOWING REQUIREMENT sermit Number 110-83 ondition able 107-A  ext of stated emissions limits which were exceeded: allowable SSM and Malfunction Units, Activities, and Emission Limits or Section WIII - Excess EMISSION DETAIL LINES  Pollutant Duration of Event Section Section WIII - Excess EMISSION DETAIL LINES  Pollutant Duration of Event Section Wili - Excess EMISSION DETAIL LINES  Pollutant Duration of Event Section Wili - Excess EMISSION DETAIL LINES  Section Wili - Excess EMISSION DETAIL LINES  Pollutant Duration of Event Section Wili - Excess EMISSION DETAIL LINES  Section Wili - Excess EMISSION DETAIL LINES  Pollutant Duration of Event Section Wili - Excess EMISSION DETAIL LINES  Section Wili - Excess EMISSION DETAIL LINES  Pollutant Duration of Event Section Wili - Excess EMISSION DETAIL LINES  Section Wili - Excess EMISSION DETAIL LINES  Pollutant Duration of Event Section Wili - Excess EMISSION DETAIL LINES  Pollutant Duration of Event Section Wili - Excess EMISSION DETAIL LINES  Pollutant Duration of Event Section Wili - Excess Emissions Number of For Event Section Wili - Excess Emission Rete for Averaging Period Actions Section VIII - Excess Emission Rete for Averaging Period Actions Section VIII - Excess Emission Rete for Averaging Period Actions Section VIII - Excess Emission Rete for Averaging Period Actions Actions Section VIII - Excess Emission Rete for Averaging Period Actions Section VIII - Excess Emission Rete for Averaging Period Actions Averaging Period Action	etailed label:							
SECTION VII - EMISSIONS ARE IN EXCESS OF THE FOLLOWING REQUIREMENT  sermit Number  116-R3  OR  Regulatory Citation  9ection  able 107.A  able 107.A  section  Section  Section  Section  Section  Section  Section  Section  Averaging Period  For Event  Foreign Period  For Event  Foreign Period  Average Emission Rate for Averaging Period		d with blow down						
SECTION VIII - EMISSIONS ARE IN EXCESS OF THE FOLLOWING REQUIREMENT  ermit Number  1116-R3 OR Section  able 107.A  ext of stated emissions limits which were exceeded:  Illowable SSM and Malfunction Units, Activities, and Emission Limits.  SECTION VIII - EXCESS EMISSION DETAIL LINES  Pollutant Duration of Event (himm) Duration of Event (himm)  Standards Period For Event Exceedences Average Emission Rate for Averaging Period Averaging Period Averaging Period Averaging Period Averaging Period Averaging Detail Line  SECTION IX - BASIS OF ESTIMATE Compliance Testing Compliance Testing Compliance Testing Compliance Testing Continuous Emission Monitor Calculation Operating Log(s) Other (specify):  Reporting Official: Philip Cowan	etailed label:		EN					
Regulatory Citation  Polition  Section  Number of for Event Exceedences  Average Emission Rate for Actions for Event Standards  Section  Actions  Colatile Organic Onganic Ongani	aumy ESD was initiated	a with blow down						
Section  Sec	SECTION VII - EMISS	IONS ARE IN EXCESS	OF THE FOLLOWING R	REQUIREMENT				
Section   Sectio			Reg	gulatory Citation				
axt of stated emissions limits which were exceeded:			OR Sec	rtion				
Section VIII - Excess Emission Detail Lines	able 107.A							
Compounds (VOC)   O3:00   10.9 lbs./hour   1.0 hour   35.6 lbs.   3   22.76 lbs./hour   1.0 hour   1.0 hour   35.6 lbs.   3   22.76 lbs./hour   1.0 hour   1.0 hour   35.6 lbs.   3   22.76 lbs./hour   1.0 hour   1.0 hour   35.6 lbs.   3   22.76 lbs./hour   1.0 hour   1	SECTION VIII - EXCE	unction Units, Activities, i	and Emission Limits.	Averaging	Excess Emissions	Number of	Average Emission Rate for	
Add Emission Detail Line  SECTION IX - BASIS OF ESTIMATE  Compliance Testing Continuous Emission Monitor Calculation Operating Log(s) Other (specify):  Cowan	Pollutant							Actions
SECTION IX - BASIS OF ESTIMATE    Compliance Testing   By clicking on the Certify button, I agree to the following:   Continuous Emission Monitor   After reasonable inquiry, I certify this report as true, accurate and complete.   Calculation   Operating Log(s)   Reporting Official: Phillip   Cowan		03:00	10.9 lbs./hour	1.0 hour	35.6 lbs. 3		22.76 lbs./hour	/ I
Continuous Emission Monitor  Calculation  Operating Log(s)  Other (specify):  After reasonable inquiry, I certify this report as true, accurate and complete.  Reporting Official:  Philip  Cowan					Section X - Su	BMISSION		
Other (specify): Cowan	Calculation	Monitor						complete.
J Other (specify):	Operating Log(s)				Reporting Officials	Philip	Cowan	
Title: Environmental Scientist	Other (specify):				Title:			

							Section 2	
AI Number: *	1148 Ch	ange Al		Emission Unit No.	: 1	//1	Selec	t Emission Unit
ctivity Number:	001148-10282	024-02		Emission Unit Des	sc.:	Malfunction V	ОС	
acility Name:	Chaco Gas Plant			Release Point No.:		И1	Selec	t Release Point
Company Name:	Enterprise Field S	Services, LLC		Release Point Des	c.: N	Malfunction V	00	
ource Is:	Stationary So	urce				ilitary Time	Kerning and	12-7/
	O Portable Source	ce		Discovery Date/Ti		0/26/2024	-	e: 20 : 55
ortable Location:	UTM:			Start Date/Time:		0/26/2024	-	e: 20 : 00
	Lat:	Long:		End Date/Time:		US TO THE STATE	-	
				1st Business Day	STATE AND	0/26/2024	Time	e: 21 : 00
itle V Permit No.:	P116R3			Discovery:	dittel	NEW CHA		
ISR Permit No.:	PSD-1555M7R5							
				Submission Status	S:	Initial EER		•
	Save	Submit to AQB	Delete	Return to List	Incorrect P	ermit Data		
SECT. II - REPORT REQ.		SECTION III - EVENT	ТүрЕ				(LEAN-IN	
20.2.7 NMAC		O Malfunction	Start-up, Sh	nutdown, or Sched	uled Maintena	nce Notifica	tion:	
20.2.70 NMAC (Title V)		O Startup	O Yes	Notific	ation Submit	ted:		
40 CFR 60 (NSPS)		O Shutdown	O No	Explain	n Why Notif. I	Not Submitte	ed or N/A:	
40 CFR 63 (MACT)		<ul><li>Emergency</li><li>Scheduled</li></ul>	◎ N/A					
theck all that apply)		Maintenance	Affirmative	Defense Claim:	Is Excess E	mission part	of settleme	ent agreement?:
		Other	○ Yes		O Yes			ent Number:
		✓ Title V Deviation	O No		○ No			
	Namune of France	-						
SECTION IV - CAUSE AND								
SECTION IV - CAUSE AND	NATURE OF EVEN							

	TAKEN TO LIMIT DONA	TION OF EXCESS EMIS	SION				
Detailed label:							
Facility ESD was initiate	d with blow down						
SECTION VI - CORR	ECTIVE MEASURES TAKE	in .					
Detailed label: Facility ESD was initiate	d with blow down						
SECTION VII - EMIS	SIONS ARE IN EXCESS	OF THE FOLLOWING RI	EQUIREMENT				
Permit Number P116-R3		I Reg	ulatory Citation	n			
Condition		Sect Sect	tion				
Table 107.A							
Text of stated emission Allowable SSM and Ma	is limits which were exc function Units, Activities, a	eeded: and Emission Limits.					
Text of stated emission Allowable SSM and Ma	function Units, Activities, a	eeded: and Emission Limits.	Averaging Period	Excess Emissions for Event	Number of Exceedences	Average Emission Rate for Averaging Period	Actions
Text of stated emission Allowable SSM and Ma - SECTION VIII - EXC	ESS EMISSION DETAIL I	eeded: and Emission Limits.  LINES  Emission Limits or Standards	Averaging	for Event			Actions
Text of stated emission Allowable SSM and Ma  SECTION VIII - EXC  Pollutant  Volatile Organic	function Units, Activities, a  ESS EMISSION DETAIL I  Duration of Event (hh:mm)  01:00  il Line	eeded: and Emission Limits.  LINES  Emission Limits or Standards	Averaging Period	for Event  10133.0 lbs.  SECTION X -	Exceedences  1  SUBMISSION	Averaging Period	
Text of stated emission Allowable SSM and Ma  SECTION VIII - EXC  Pollutant  Volatile Organic Compounds (VOC)  Add Emission Deta  SECTION IX - BASIS  Compliance Testing  Continuous Emissio	function Units, Activities, a  ESS EMISSION DETAIL I  Duration of Event (hh:mm)  01:00  Il Line  OF ESTIMATE	eeded: and Emission Limits.  LINES  Emission Limits or Standards	Averaging Period	for Event  10133.0 lbs.  SECTION X -  By clicking on the	Exceedences  1  SUBMISSION  the Certify button, I	Averaging Period  10133.0 lbs./hour	<b>/</b>
Text of stated emission Allowable SSM and Ma  SECTION VIII - Exc  Pollutant  Volatile Organic Compounds (VOC)  Add Emission Deta  SECTION IX - BASIS  Compliance Testing	function Units, Activities, a  ESS EMISSION DETAIL I  Duration of Event (hh:mm)  01:00  Il Line  OF ESTIMATE	eeded: and Emission Limits.  LINES  Emission Limits or Standards	Averaging Period	for Event  10133.0 lbs.  SECTION X -  By clicking on the	Exceedences  1  SUBMISSION  the Certify button, I	Averaging Period  10133.0 lbs./hour  agree to the following:	<b>/</b>

I Number: *	1148 C	hango Al		Emission Unit No	0.:	SSM Flare 44	1 Colo	ct Emission	Unit
		hange Al							Unit
Activity Number: Facility Name:	001148-1002			Emission Unit D		Start-up Shut	-down Main	tenance	
	Chaco Gas Pla			Release Point No	0.:	SSM Flare 44	4 Sele	ct Release F	Point
Company Name:	Enterprise Field	1 Services, LLC		Release Point De	esc.:	Start-up Shut	-down Main	tenance	
Source Is:	O Stationary S					Military Time	(HH:MM)		
Destable Leasting	O Portable Sou	urce		Discovery Date/	Time:	10/02/2024	17 Tir	ne: 8 : 00	
Portable Location:	UTM:			Start Date/Time		10/01/2024	Tir	ne: 9 : 00	
	Lat:	Long:		End Date/Time:		10/01/2024	-	ne: 16:00	
Title V Permit No.:	P116R3			1st Business Da	y after				
NSR Permit No.:				Discovery:					
NON PERMICHON	PSD-1555M7R	5		Submission Stat					
				Subinission State	ius.	Initial/Final E	EK	~	
	Philip plcowan@e	Cowan eprod.com			ce Phone:	505-320-96	26	Extn.:	
	plcowan@e	eprod.com		Cell	Phone:		26	Extn.:	
		eprod.com	Delete		Phone:	505-320-96	26	Extn.:	
E-mail Address:	plcowan@e	eprod.com  e Submit to AQB		Cell	Phone:		26	Extn.:	
E-mail Address:  SECT. II - REPORT REQ.	plcowan@e	e Submit to AQB  SECTION III - EVENT	г Түре	Return to List	Phone:	et Permit Data		Extn.:	
SECT. II - REPORT REQ.  20.2.7 NMAC	plcowan@e	e Submit to AQB  SECTION III - EVENT  O Malfunction	г Түре	Return to List  Shutdown, or Sche	Phone: Incorrect	et Permit Data		Extn.:	
SECT. II - REPORT REQ.  20.2.7 NMAC  20.2.70 NMAC (Title V)	plcowan@e	e Submit to AQB  SECTION III - EVENT	T TYPE Start-up,	Return to List  Shutdown, or Sche	Incorrect eduled Maint	et Permit Data	ation:		
SECT. II - REPORT REQ.  20.2.7 NMAC  20.2.70 NMAC (Title V)  40 CFR 60 (NSPS)	plcowan@e	SECTION III - EVENT  O Malfunction O Startup	Start-up,	Return to List  Shutdown, or Sche  Notif	Incorrect eduled Maint fication Sub	enance Notifica	ation:		
✓ 20.2.7 NMAC ✓ 20.2.70 NMAC (Title V)  40 CFR 60 (NSPS)  40 CFR 63 (MACT)	plcowan@e	SECTION III - EVENT  Malfunction Startup Shutdown Emergency Scheduled	Start-up, O Yes No	Return to List  Shutdown, or Sche  Notif	Incorrect eduled Maint	enance Notifica	ation:		
SECT. II - REPORT REQ.  20.2.7 NMAC  20.2.70 NMAC (Title V)  40 CFR 60 (NSPS)  40 CFR 63 (MACT)	plcowan@e	SECTION III - EVENT  Malfunction Startup Shutdown Emergency Scheduled Maintenance	Start-up, O Yes No N/A	Return to List  Shutdown, or Sche  Notif	Incorrect eduled Maint fication Sub ain Why No	enance Notifica	ation: red or N/A:		
SECT. II - REPORT REQ.  20.2.7 NMAC  20.2.70 NMAC (Title V)  40 CFR 60 (NSPS)  40 CFR 63 (MACT)	plcowan@e	SECTION III - EVENT  Malfunction Startup Shutdown Emergency Scheduled	Start-up,	Return to List  Shutdown, or Sche  Notif  Expl.  Rou  ve Defense Claim:	Phone:  Incorrect  aduled Maint fication Sub ain Why Not tine Mainten  Is Exces	enance Notifica mitted: cif. Not Submitt ance s Emission par	ed or N/A:		:nt?:
SECT. II - REPORT REQ.  20.2.7 NMAC  20.2.70 NMAC (Title V)  40 CFR 60 (NSPS)	plcowan@e	SECTION III - EVENT  Malfunction Startup Shutdown Emergency Scheduled Maintenance	Start-up, O Yes No NA	Return to List  Shutdown, or Sche  Notif  Expl.  Rou  ve Defense Claim:	Incorrect  Incorrect  Eduled Maint fication Sub ain Why Notatine Mainten Is Exces	enance Notifica mitted: cif. Not Submitt ance s Emission par	ed or N/A:	nent agreeme	:nt?:
SECT. II - REPORT REQ.  20.2.7 NMAC  20.2.70 NMAC (Title V)  40 CFR 60 (NSPS)  40 CFR 63 (MACT)	plcowan@e	SECTION III - EVENT  Malfunction Startup Shutdown Emergency Scheduled Maintenance Other	Start-up,	Return to List  Shutdown, or Sche  Notif  Expl.  Rou  ve Defense Claim:	Phone:  Incorrect  aduled Maint fication Sub ain Why Not tine Mainten  Is Exces	enance Notifica mitted: cif. Not Submitt ance s Emission par	ed or N/A:	nent agreeme	:nt?:
SECT. II - REPORT REQ.  20.2.7 NMAC  20.2.70 NMAC (Title V)  40 CFR 60 (NSPS)  40 CFR 63 (MACT)	plcowan@s	SECTION III - EVENT  Malfunction Startup Shutdown Emergency Scheduled Maintenance Other  Title V Deviation	Start-up,	Return to List  Shutdown, or Sche  Notif  Expl.  Rou  ve Defense Claim:	Phone:  Incorrect  aduled Maint fication Sub ain Why Not tine Mainten  Is Exces	enance Notifica mitted: cif. Not Submitt ance s Emission par	ed or N/A:	nent agreeme	:nt?:

etailed label:							
The duration of blowdo	wns is limited.						
SECTION VI - CORR	ECTIVE MEASURES TAK	EN					
Detailed label:	hut down thus ceasing ve						
SECTION VII - EMIS	SSIONS ARE IN EXCESS		REQUIREMENT -	n			
P116-R3			guideory Citatio				
Condition		OR Se	ction				
ext of stated emission	ns limits which were ex						
ext of stated emission Allowable SSM and Ma	ns limits which were exalfunction Units, Activities,	and Emission Limits.					
ext of stated emission	alfunction Units, Activities,	and Emission Limits.			4		
ext of stated emission	alfunction Units, Activities,	and Emission Limits.	Averaging Period	Excess Emissions for Event	Number of Exceedences	Average Emission Rate for Averaging Period	Actions
ext of stated emission Allowable SSM and Ma SECTION VIII - Exc	EESS EMISSION DETAIL	and Emission Limits.  LINES  Emission Limits or	Averaging Period			Average Emission Rate for Averaging Period 79.32 lbs./hour	
ext of stated emission Allowable SSM and Ma SECTION VIII - Exc Pollutant Carbon Monoxide	Duration of Event	LINES  Emission Limits or Standards	Period	for Event	Exceedences	Averaging Period	<b>/</b>
SECTION VIII - Exc  Pollutant  Carbon Monoxide  Nitrogen Dioxide  Volatile Organic	Duration of Event (hh:mm)	LINES  Emission Limits or Standards  109.6 lbs./hour	Period 1.0 hour	for Event	Exceedences	Averaging Period 79.32 lbs./hour	Actions    mathematical mathema
SECTION VIII - EXC  Pollutant  Carbon Monoxide  Nitrogen Dioxide  Volatile Organic	Duration of Event (hh:mm)  07:00  07:00	LINES  Emission Limits or Standards  109.6 lbs./hour  54.9 lbs./hour	1.0 hour	141.6 lbs. 70.9 lbs.	Exceedences 2	79.32 lbs./hour 39.75 lbs./hour	/ m
SECTION VIII - Exc  Pollutant  Carbon Monoxide  Nitrogen Dioxide  Volatile Organic Compounds (VOC)	Duration Of Event (hh:mm)  07:00  07:00  07:00	LINES  Emission Limits or Standards  109.6 lbs./hour  54.9 lbs./hour	1.0 hour	for Event  141.6 lbs.  70.9 lbs.  158.5 lbs.	Exceedences 2	79.32 lbs./hour 39.75 lbs./hour	/ m
Pollutant  Carbon Monoxide  Nitrogen Dioxide  Volatile Organic Compounds (VOC)  Add Emission Deta	Duration Of Event (hh:mm)  07:00  07:00  07:00  ail Line	LINES  Emission Limits or Standards  109.6 lbs./hour  54.9 lbs./hour	1.0 hour	for Event  141.6 lbs.  70.9 lbs.  158.5 lbs.  SECTION X -	Exceedences  2  4  CERTIFICATION	Averaging Period 79.32 lbs./hour 39.75 lbs./hour 30.48 lbs./hour	/ m
SECTION VIII - EXC  Pollutant  Carbon Monoxide  Nitrogen Dioxide  Volatile Organic Compounds (VOC)  Add Emission Deta	Duration Of Event (hh:mm)  07:00  07:00  ail Line	LINES  Emission Limits or Standards  109.6 lbs./hour  54.9 lbs./hour	1.0 hour	for Event  141.6 lbs.  70.9 lbs.  158.5 lbs.  SECTION X -  By clicking on	Exceedences  2  4  CERTIFICATION the Certify button, 1	79.32 lbs./hour 39.75 lbs./hour	



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# **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 396288

### **QUESTIONS**

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	396288
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

#### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2430131506
Incident Name	NAPP2430131506 CHACO PLANT - C8103 COMPRESSOR EXPLOSION @ 0
Incident Type	Fire
Incident Status	Initial C-141 Received

Location of Release Source			
Please answer all the questions in this group.			
Site Name	Chaco Plant - C8103 Compressor Explosion		
Date Release Discovered	10/26/2024		
Surface Owner	Private		

Incident Details	
Please answer all the questions in this group.	
Incident Type	Fire
Did this release result in a fire or is the result of a fire	Yes
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	Yes
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications t	for the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Cause: Fire   Gas Plant   Natural Gas Vented   Released: 39 Mcf   Recovered: 0 Mcf   Lost: 39 Mcf.
Natural Gas Flared (Mcf) Details	Cause: Fire   Gas Plant   Natural Gas Flared   Released: 445 Mcf   Recovered: 0 Mcf   Lost: 445 Mcf.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	At approximately 21:58 central time, a fire and explosion occurred at the Chaco Gas plant (PSM facility) in Bloomfield, New Mexico. The fire/explosion occurred at the refrigerant C-8103 compressor unit at the plant. No injuries nor fatalities. Local emergency services responded as a precaution. Minimal liquids were released.

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**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

QUESTIONS, Page 2

Action 396288

QUESTI	ONS (continued)	
Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210		OGRID:
QUESTIONS		[C-141] Initial C-141 (C-141-v-Initial)
Nature and Volume of Release (continued)	1	
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.	
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes	
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using:  (2) an unauthorized release of a volume that:  (a) results in a fire or is the result of a fire;  (d) substantially damages property or the environment.	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on th	e C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s		у.
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remedi actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ted or if the release occurred within a	lined containment area (see Subparagraph (a) of Paragraph (5) of
I hereby certify that the information given above is true and complete to the best of my to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report local laws and/or regulations.	ases which may endanger public adequately investigate and reme	health or the environment. The acceptance of a C-141 report by diate contamination that pose a threat to groundwater, surface
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental S Email: tjlong@eprod.com	Scientist

Date: 11/04/2024

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# **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 396288

**QUESTIONS** (continued)

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	396288
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

### QUESTIONS

Site Characterization				
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.				
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)			
What method was used to determine the depth to ground water	Direct Measurement			
Did this release impact groundwater or surface water	No			
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:				
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)			
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)			
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)			
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)			
Any other fresh water well or spring	Greater than 5 (mi.)			
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)			
A wetland	Between 1000 (ft.) and ½ (mi.)			
A subsurface mine	Greater than 5 (mi.)			
An (non-karst) unstable area	Greater than 5 (mi.)			
Categorize the risk of this well / site being in a karst geology	Low			
A 100-year floodplain	Between 1 and 5 (mi.)			
Did the release impact areas not on an exploration, development, production, or storage site	No			

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	No	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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CONDITIONS

Action 396288

### **CONDITIONS**

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Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	396288
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

#### CONDITIONS

Created By		Condition Date
scott.rodg	rs None	11/4/2024