Facility Name: Lambie Energy Center, LLC Permit for Facility #: B4415

# Table VII – A Applicable Limits and Compliance Monitoring Requirements S-1, TURBINE #1 MAY 1, 2012 THROUGH OCTOBER 31, 2012

T Voe of		FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring	Compl	liance
		YN	Date			(P/C/N)	туре	Yes	No
NOx	BAAQMD	N	2	9 ppmv @	BAAQMD	С	CEM	х	
	9-9-301.1.3			15% O2, dry	9-9-501 and				
					BAAQMD condition				
					#20134, part 23c				
NOx	BAAQMD	Ν		9 ppmv @	BAAQMD condition	P/A	Source Test	X	
	9-9-301.1.3			15% O2, dry	#20134, part 24a			:	İ
NOx	SIP	Y		9ppmv @	SIP Regulation 9-9-	С	СЕМ	Х	
	Regulation			15% O2, dry	501 and BAAQMD		-		
	9-9-301.3				condition #20134, part				
					23c				
NOx	SIP	Y		9ppmv @	BAAQMD condition	P/A	Source Test	X	
	Regulation			15% O2, dry	#20134, part 24a				
	9-9-301.3								
NOx	NSPS, 40	Y		99ppmv @	NSPS 40CFR	С	CEM	Х	
	CFR			15% O2, dry	60.334(b)				
	60.332(a)(1)								
NOx	None	Y		None	40 CFR 75.10	С	CEM	X	
NOx	BAAQMD	Y		2.5 ppm	BAAQMD condition	С	CEM	Х	
	condition			@15% O2,	#20134, part 18.1				
	#20134, part			dry 3-hr					
	18.1			rolling					
				average					
j				except during					
				turbine					
				startup or					
				shutdown					

	Tope of game on of FE		Huture Effective		Montoring Requirement	Monitoring Frequency	Menitoring	Comp	iance
		Ž	Date		Citation	(P/C/N)	Type	Yes	No
NOX	BAAQMD condition #20134, part 18.1	Y		2.5 ppm @15% O2, dry, 3-hr average except during turbine startup or shutdown	BAAQMD condition #20134, part 24a	P/A	Source Test	х	
NOx	BAAQMD condition #20134, part 21	Y		121 lb/ day (as NO2)	BAAQMD condition #20134, part 23c	С	СЕМ	Х	
NOx	BAAQMD condition #20134, part 21	Y		16.4 tons per year (as NO2)	BAAQMD condition #20134, part 23c	С	СЕМ	Х	
СО	BAAQMD condition #20134, part 18.3	Y		6 ppmv, @ 15% O2, dry, 3-hr average except during turbine startup or shutdown	BAAQMD condition #20134, parts 18.3 and 23c	С	СЕМ	X	
СО	BAAQMD condition #20134, part 18.3	Y		6 ppmv, @ 15% O2, dry, 3-hr average except during turbine startup or shutdown	BAAQMD condition #20134, part 24c	P/A	Source Test	Х	
СО	BAAQMD condition #20134, part 21	Y		163 lb/ day	BAAQMD condition #20134, part 23c	С	СЕМ	Х	

Type of	Citationof	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring	Compl	liance
		YAN	Date		Citationi	(P/C/N)	Туре	Yes	No
со	BAAQMD condition #20134, part	Y		29.1 tons per year	BAAQMD condition #20134, part 23c	С	СЕМ	х	
CO2		Y		None	40 CFR 75.10	С	CEM (CO2) or CEM (O2) or fuel flow monitor	х	
SO2	BAAQMD 9-1-301	Y		GLC <sup>1</sup> of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N		Х	
SO2	BAAQMD 9-1-302	Y		300 ppm (dry)	BAAQMD condition #20134, part 23f	P/A	Source Test	Х	
SO2	BAAQMD 9-1-302	Y		300 ppm (dry)	BAAQMD condition #20134, part 23e	P/Q	Total Sulfur analysis	Х	
SO2	NSPS 40 CFR 60.333(a)	Y		0.015% (vol) @ 15% O <sub>2</sub> (dry)	NSPS 40 CFR 75.11(d)(2), 40 CFR 75, Appendix D, part 2.3 NSPS 40 CFR 60.334(h)(3)		Fuel Measure- ments, calculations	х	
SO2	None	Y		None	40 CFR 75.11(d)(2), 40 CFR 75, Appendix D, part 2.3		Fuel measure- ments, calculations	X	
SO2	BAAQMD condition #20134, part 18.6	Y		1.39 lb/hr excluding startup and shutdown of turbines	BAAQMD condition #20134, part 23e	P/Q	Total sulfur content analysis	х	

Timpe of	Citation ef	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Menitoring	Compl	iance
Linit		Y/N	Date		Citation	(P/C/N)	Туре	Yes	No
SO2	BAAQMD	Y		1.39 lb/hr	BAAQMD condition	P/A	Source test	X	
	condition			excluding	#20134,				
	#20134,			startup and	part 24f				
	part 18.6			shutdown of					
				the turbines					
SO2	BAAQMD	Y		33 lb/ day	BAAQMD condition	P/A	Source test	x	
	condition				#20134,			!	
	#20134,				part 24f				
	part 21								
SO2	BAAQMD	Y		6.0 tons/year	BAAQMD condition	P/A	Source test	X	
	condition				#20134,				
	#20134,				part 24f				
	part 21								
Opacity	BAAQMD	N		>=		N		X	
<u> </u>	6-1-301			Ringelmann					
				No.1 for no					
				more than 3					
				minutes in					
				any hour					
Opacity	BAAQMD	Y		>==		N		х	
	6-301			Ringelmann			1		
				No.1 for no					
				more than 3					
				minutes in					
				any hour					
Opacity	BAAQMD	Y		>=		N		X	
	condition			Ringelmann					
	#20134, part			No.1 for no	:				
	17			more than 3					
				minutes in					
				any hour or					
				equivalent					
				20% opacity					
Filterable	BAAQMD	N		0.15		N		X	
Particulate	6-1-310			grains/dscf					
Filterable	SIP 6-310	Y		0.15		N		X	
Particulate		ļ		grains/dscf	<u></u>				

Type of	Citation of	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring	Comp	liance
iLimit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	Yes	No
PM10	BAAQMD condition #20134, part 18.5	Y		3 lb/hr for S-	BAAQMD condition #20134, part 24e	P/A	Source Test	Х	
PM10	BAAQMD condition #20134, part 21	Y		72 lb/day	BAAQMD condition #20134, parts 24e	P/A	Source Test	Х	
PM10	BAAQMD condition #20134, part 21	Y		13.1 tons/year	BAAQMD condition #20134, part 24e	P/A	Source Test	X	
POC	BAAQMD condition #20134, part 18.4	Y		2 ppmv @ 15% O2, dry, except during turbine startup or shutdown	BAAQMD condition #20134, part 24d	P/A	Source Test	х	
POC	BAAQMD condition #20134, part 21	Y		30.0 lb/calendar day	BAAQMD condition #20134, part 24d	P/A	Source Test	х	
POC	BAAQMD condition #20134, part 21	Y		4.9 ton/year	BAAQMD condition #20134, part 24d	P/A	Source Test	Х	
NH3	BAAQMD condition #20134, part 18.2	N		10ppmv @15% O2, dry, except during turbine startup or shutdown	BAAQMD condition #20134, parts 18.2 and 23b	С	District approved correct ammonia slip calculation and correction factor determined by source test	х	

Type of	Circle of	FE	Future Effective		Monitoring Requirement	Monitoring Frequency Monitoring	Comp	liance	
<b>B. Sirrola</b> E	<b>3</b>	Y/N	Date	Limit	Citation	(P/C/N)	Туре	Yes	No
NH3	BAAQMD condition #20134, part 18.2	N		10ppmv @15% O2, dry, except during turbine startup or shutdown	BAAQMD condition #20134, part 24b	P/A	Source Test	X	
Heat input limit	BAAQMD condition #20134, part 22	Y		500 MMBTU/hr (HHV), 3-hr average	BAAQMD condition #20134, part 23d	С	Fuel meter,	х	
Heat input limit	BAAQMD condition #20134, part 22	Y		500 MMBTU/hr (HHV), 3-hr average	BAAQMD condition #20134, part 23d	P/Q	Fuel composition analysis	Х	
Heat input limit	BAAQMD condition #20134, part 22	Y		500 MMBTU/hr (HHV), 3-hr average	BAAQMD condition #20134, part 24g	P/A	Source test	Х	
Heat input limit	BAAQMD condition #20134, part 22	Y		12,000 MMBTU/da y (HHV)	BAAQMD condition #20134, part 23d	C	Fuel meter, calculations	Х	
Heat input limit	BAAQMD condition #20134, part 22	Y		12,000 MMBTU/da y (HHV)	BAAQMD condition #20134, part 31g	P/Q	Fuel composition analysis	Х	
Heat input limit	BAAQMD condition #20134, part 22	Y		4,380,000 MMBTU/yr (HHV)	BAAQMD condition #20134, part 23d	С	Fuel meter, calculations	X	
Heat input limit	BAAQMD condition #20134, part 22	Y		4,380,000 MMBTU/yr (HHV)	BAAQMD condition #20134, part 31g	P/Q	Fuel composition analysis	Х	
MW	N/A			None	BAAQMD condition #20134, part 24h	P/A	Source test	Х	
Exhaust Gas temperature	N/A			None	BAAQMD condition #20134, part 24j	P/A	Source test	X	

Facility Name: Lambie Energy Center, LLC Permit for Facility #: B4415

Futur Citation of FE Effects	Future FE Effective		Monitoring Requirement	Monitoring Frequency	Monitoring	Compliance		
	Y/N	Date	Limit	Citation	(P/C/N)	Туре	Yes	No
N/A	••••		None	BAAQMD condition #20134, part 24i	P/A	Source test	Х	
N/A			None	BAAQMD condition #20134, part 24k	P/A	Source test	Х	
	N/A	N/A Y/N	Limit Y/N Date  N/A	N/A Date Limit  N/A None	N/A None BAAQMD condition #20134, part 24i N/A None BAAQMD condition	N/A None BAAQMD condition P/A  N/A None BAAQMD condition #20134, part 24i  N/A None BAAQMD condition P/A	N/A None BAAQMD condition P/A Source test  N/A None BAAQMD condition P/A Source test  #20134, part 24i  N/A None BAAQMD condition P/A Source test	N/A None BAAQMD condition P/A Source test X  N/A None BAAQMD condition P/A Source test X  #20134, part 24i  N/A None BAAQMD condition P/A Source test X

Table VII - B
Applicable Limits and Compliance Monitoring Requirements

### **S2 - Diesel Firewater Pump**

Type of	Citation of	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring	Comp	liance
		Y/N	Date Lii	Lini	Citation	(P/C/N)	Туре	Yes	No
SO2	BAAQMD 9-1-301 BAAQMD	Y		GLC <sup>1</sup> of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours	None	P/E	Fuel certification by vendor	х	
	BAAQMD 9-1-304	Y		Sulfur content of fuel <0.5% by weight	None	P/E	Fuel certification by vendor	Х	
Opacity	BAAQMD Regulation 6-1-303	N		>=Ringelma nn 2 for no more than 3 min/hr		N		X	
Opacity	SIP Regulation 6-303	Y		>=Ringelma nn 2 for no more than 3 min/hr		N		X	
FP	BAAQMD Regulation 6-1-310	N		0.15 grain/dscf		N		Х	
FP	SIP Regulation 6-310	Y		0.15 grain/dscf		N		X	

## Table VII - B Applicable Limits and Compliance Monitoring Requirements

### **S2 - Diesel Firewater Pump**

		FE	Future Effective	i a jedina	Monitoring Requirement	Monitoring Frequency	Monitoring	Comp	liance
	Citation of Limit	Y/N	Date	<b>Limit</b>	Oitation	(P/C/N)	Туре	Yes	No
Hours of	BAAQMD	N		Emergency	BAAQMD 9-8-530	C	Hour meter,	Х	
operation	9-8-330.1 BAAQMD Condition			use for an unlimited number of	BAAQMD Condition #22851 Part 3 and 4	P/E	recordkeepi ng		
	#22851 Part 2			hours					
Hours of	BAAQMD	N		Reliability-	BAAQMD	С	Hour meter,	Х	
operation	9-8-330.2			related	Regulation 9-8-530	P/E	recordkeepi		
				activities not			ng		
				to exceed				ļ	
				100 hours in					
				any			1		
				consecutive					
			ļ	12-month					
				period					
Hours of	BAAQMD	N	1/1/2012	<50 hours	BAAQMD	C	Hour meter,	Х	
operation	9-8-330.3			per calendar	Regulation 9-8-530	P/E	recordkeepi		
				year for			ng		
				reliability					
				testing					
Hours of	BAAQMD	Y	1	<=34 hours	BAAQMD	С	Hour meter,	Х	
operation	Condition			per calendar	Regulation 22851,		recordkeepi		
	22851, Part			year for	Part 3 and 4		ng		
	1			reliability					
	li .			testing					

Facility Name: Lambie Energy Cente Permit for Facility #: B441

Table VII - C
Applicable Limits and Compliance Monitoring Requirements

### **S3 - Cooling Tower**

Dype of	Citation of	itation of FE Limit YAN	1	i de de la companya d	Monitoring Requirement	Monitoring Frequency	Monitoring	Comp	liance
Limit	Limit				Citation	(P/C/N)	Туре	Yes	No
Opacity	BAAQMD Regulation 6-1-301	N		>=Ringelma nn 1 for no more than 3 min/hr		N		X	
Opacity	SIP Regulation 6-301	Y		>=Ringelma nn 1 for no more than 3 min/hr		N		х	
Particulate Weight	BAAQMD Regulation 6-1-310	N		0.15 grains per dscf		N		Х	
Particulate Weight	SIP Regulation 6-310	Y		0.15 grains per dscf		N		Х	