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

Table VII – A
Applicable Limits and Compliance Monitoring Requirements
S-1 – COMBUSTION GAS TURBINE
November 1, 2015 through April 30, 2016

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
NOx	BAAQMD 9-9-301.1.3	N		9 ppmv @ 15% O2, dry	BAAQMD 9-9-501 and BAAQMD condition #20134, part 23c	C	CEM	X	
NOx	BAAQMD 9-9-301.1.3	N		9 ppmv @ 15% O2, dry	BAAQMD condition #20134, part 24a	P/A	Source Test	X	
NOx	SIP Regulation 9-9-301.3	Y		9ppmv @ 15% O2, dry	SIP Regulation 9-9-501 and BAAQMD condition #20134, part 23c	C	CEM	X	
NOx	SIP Regulation 9-9-301.3	Y		9ppmv @ 15% O2, dry	BAAQMD condition #20134, part 24a	P/A	Source Test	X	
NOx	NSPS, 40 CFR 60.332(a)(1)	Y		99ppmv @ 15% O2, dry	NSPS 40CFR 60.334(b)	C	CEM	X	
NOx	None	Y		None	40 CFR 75.10	C	CEM	X	
NOx	BAAQMD condition #20134, part 18.1	Y		2.5 ppm @15% O2, dry 3-hr rolling average except during turbine startup or shutdown	BAAQMD condition #20134, part 18.1	C	CEM	X	
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	X	
NOx	BAAQMD condition #20134, part 21	Y		121 lb/ day (as NO2)	BAAQMD condition #20134, part 23c	C	CEM	X	

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Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
NOx	BAAQMD condition #20134, part 21	Y		16.4 tons per year (as NO2)	BAAQMD condition #20134, part 23c	C	CEM	X	
CO	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	C	CEM	X	
CO	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	X	
CO	BAAQMD condition #20134, part 21	Y		163 lb/ day	BAAQMD condition #20134, part 23c	C	CEM	X	
CO	BAAQMD condition #20134, part 21	Y		29.1 tons per year	BAAQMD condition #20134, part 23c	C	CEM	X	
CO2		Y		None	40 CFR 75.10	C	CEM (CO2) or CEM (O2) or fuel flow monitor	X	
SO2	BAAQMD 9-1-301	Y		GLC[1] of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N		X	
SO2	BAAQMD 9-1-302	Y		300 ppm (dry)	BAAQMD condition #20134, part 23f	P/A	Source Test	X	
SO2	BAAQMD 9-1-302	Y		300 ppm (dry)	BAAQMD condition#20134, part 23e	P/Q	Total Sulfur analysis	X	

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Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
SO2	NSPS 40 CFR 60.333(a)	Y		0.015% (vol) @ 15% O_2 (dry)	NSPS 40 CFR 75.11(d)(2), 40 CFR 75, Appendix D, part 2.3 NSPS 40 CFR 60.334(h)(3)		Fuel Measurements, calculations	X	
SO2	None	Y		None	40 CFR 75.11(d)(2), 40 CFR 75, Appendix D, part 2.3		Fuel measurements, 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	X	
SO2	BAAQMD condition #20134, part 18.6	Y		1.39 lb/hr excluding startup and shutdown of the turbines	BAAQMD condition #20134, part 24f	P/A	Source test	X	
SO2	BAAQMD condition #20134, part 21	Y		33 lb/ day	BAAQMD condition #20134, part 24f	P/A	Source test	X	
SO2	BAAQMD condition #20134, part 21	Y		6.0 tons/year	BAAQMD condition #20134, part 24f	P/A	Source test	X	
Opacity	BAAQMD 6-1-301	N		>= Ringelmann No.1 for no more than 3 minutes in any hour		N		X	
Opacity	BAAQMD 6-301	Y		>= Ringelmann No.1 for no more than 3 minutes in any hour		N		X	
Opacity	BAAQMD condition #20134, part 17	Y		> = Ringelmann No.1 for no more than 3 minutes in any hour or equivalent 20% opacity		N		X	

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Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
Filterable Particulate	BAAQMD 6-1-310	N		0.15 grains/dscf		N		X	
Filterable Particulate	SIP 6-310	Y		0.15 grains/dscf		N		X	
PM10	BAAQMD condition #20134, part 18.5	Y		3 lb/hr for S-1	BAAQMD condition #20134, part 24e	P/A	Source Test	X	
PM10	BAAQMD condition #20134, part 21	Y		72 lb/day	BAAQMD condition #20134, parts 24e	P/A	Source Test	X	
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	X	
POC	BAAQMD condition #20134, part 21	Y		30.0 lb/calendar day	BAAQMD condition #20134, part 24d	P/A	Source Test	X	
POC	BAAQMD condition #20134, part 21	Y		4.9 ton/year	BAAQMD condition #20134, part 24d	P/A	Source Test	X	
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	C	District approved correct ammonia slip calculation and correction factor determined by source test	X	
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	C	Fuel meter,	X	

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Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
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	X	
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	X	
Heat input limit	BAAQMD condition #20134, part 22	Y		12,000 MMBTU/day (HHV)	BAAQMD condition #20134, part 23d	C	Fuel meter, calculations	X	
Heat input limit	BAAQMD condition #20134, part 22	Y		12,000 MMBTU/day (HHV)	BAAQMD condition #20134, part 31g	P/Q	Fuel composition analysis	X	
Heat input limit	BAAQMD condition #20134, part 22	Y		4,380,000 MMBTU/yr (HHV)	BAAQMD condition #20134, part 23d	C	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	X	
MW	N/A			None	BAAQMD condition #20134, part 24h	P/A	Source test	X	
Exhaust Gas temperature	N/A			None	BAAQMD condition #20134, part 24j	P/A	Source test	X	
Stack gas flow	N/A			None	BAAQMD condition #20134, part 24i	P/A	Source test	X	
NH3 injection rate	N/A			None	BAAQMD condition #20134, part 24k	P/A	Source test	X	

Table VII - B
Applicable Limits and Compliance Monitoring Requirements
S-2 – DIESEL FIREWATER PUMP

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
SO2	BAAQMD 9-1-301 BAAQMD	Y		GLC[1] 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	X	
	BAAQMD 9-1-304	Y		Sulfur content of fuel <0.5% by weight	None	P/E	Fuel certification by vendor	X	
Opacity	BAAQMD Regulation 6-1-303	N		>=Ringelmann 2 for no more than 3 min/hr		N		X	
Opacity	SIP Regulation 6-303	Y		>=Ringelmann 2 for no more than 3 min/hr		N		X	
FP	BAAQMD Regulation 6-1-310	N		0.15 grain/dscf		N		X	
FP	SIP Regulation 6-310	Y		0.15 grain/dscf		N		X	
Hours of operation	BAAQMD 9-8-330.1 BAAQMD Condition #22851 Part 2	N		Emergency use for an unlimited number of hours	BAAQMD 9-8-530 BAAQMD Condition #22851 Part 3 and 4	C P/E	Hour meter, recordkeeping	X	

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Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
Hours of operation	BAAQMD 9-8-330.2	N		Reliability-related activities not to exceed 100 hours in any consecutive 12-month period	BAAQMD Regulation 9-8-530	C P/E	Hour meter, recordkeeping	X	
Hours of operation	BAAQMD 9-8-330.3	N	1/1/2012	<50 hours per calendar year for reliability testing	BAAQMD Regulation 9-8-530	C P/E	Hour meter, recordkeeping	X	
Hours of operation	BAAQMD Condition 22851, Part 1	Y		<=34 hours per calendar year for reliability testing	BAAQMD Regulation 22851, Part 3 and 4	C	Hour meter, recordkeeping	X	

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Table VII - C
Applicable Limits and Compliance Monitoring Requirements
S-3 – COOLING TOWER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
Opacity	BAAQMD Regulation 6-1-301	N		>=Ringelmann 1 for no more than 3 min/hr		N		X	
Opacity	SIP Regulation 6-301	Y		>=Ringelmann 1 for no more than 3 min/hr		N		X	
Particulate Weight	BAAQMD Regulation 6-1-310	N		0.15 grains per dscf		N		X	
Particulate Weight	SIP Regulation 6-310	Y		0.15 grains per dscf		N		X	