Major Facility Review Permit - Semiannual Monitoring Compliance Report
Oakland Power Plant - Facility #B1887
March 1, 2015 to August 31, 2015

As required by Permit Condition I.F, the following table summarizes the compliance with the monitoring requirements of Tables VII – A, VII - B and VII - C.

Type of Limit*	Emission Limit Citation*	Emission Limit*	Monitoring Requirement Citation*	Monitoring Frequency (P/C/N)*	Monitoring Type*	Compliance Summary
NO_X	BAAQMD 9-9-302.2	42 ppmv, dry @ 15% O_2	BAAQMD condition #2571, part 12b	P/D	water-to-fuel monitoring	The water-to-fuel ratio is checked daily when operating and adjusted, if necessary, to meet the ≥ 60% and ≤ 75% limit of permit condition #2571, part 8.
	BAAQMD 9-9-302.2	42 ppmv, dry @ 15% O_2	BAAQMD condition #2571, part 10	P/every 2000 hours of operation	source test	No source tests were required during this period. See note 1.
	BAAQMD condition #2571, part 3a	75 ppmv, dry @ 15% O_2, 3-hr average	BAAQMD condition #2571, part 12b	C	water-to-fuel monitoring	The water-to-fuel ratio is checked daily when operating and adjusted, if necessary, to meet the ≥ 60% and ≤ 75% limit of permit condition #2571, part 8.
	BAAQMD condition #2571, part 3a	75 ppmv, dry @ 15% O_2, 3-hr average	BAAQMD condition #2571, part 10	P/every 2000 hours of operation	source test	No source tests were required during this period. See note 1.
	BAAQMD condition #2571, part 3b	42 ppmv, dry @ 15% O_2, except for startup and shutdown	BAAQMD condition #2571, part 12b	P/H	water-to-fuel monitoring	The water-to-fuel ratio is checked daily when operating and adjusted, if necessary, to meet the ≥ 60% and ≤ 75% limit of permit condition #2571, part 8.
	BAAQMD condition #2571, part 3b	42 ppmv, dry @ 15% O_2, except for startup and shutdown	BAAQMD condition #2571, part 10	P/every 2000 hours of operation	source test	No source tests were required during this period. See note 1.
	BAAQMD condition #2571, part 16	Nitrogen content of fuel < 500 ppm by weight	BAAQMD condition #2571, part 9	P/E	fuel analysis or certification	Each shipment of fuel received had nitrogen content less than 500 ppm by weight

* As stated in Tables VII – A, VII - B and VII - C of the permit.

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Type of Limit*	Emission Limit Citation*	Emission Limit*	Monitoring Requirement Citation*	Monitoring Frequency (P/C/N)*	Monitoring Type*	Compliance Summary
SO_2	BAAQMD 9-1-301	GLC 0.5 ppm (3 min average) 0.25 ppm (60 min average) 0.05 ppm (24 hr average)		N		n/a
	BAAQMD 9-1-304	Sulfur content of fuel < 0.5% by weight	BAAQMD condition #2571, part 9	P/E	fuel analysis or certification	Each shipment of fuel received had sulfur content less than 0.10% by weight.
	BAAQMD condition #2571, part 4	Sulfur content of fuel < 0.3% by weight	BAAQMD condition #2571, part 9	P/E	fuel analysis or certification	Each shipment of fuel received had sulfur content less than 0.10% by weight.
Opacity	SIP Regulation 6-301	Ringelmann No. 1 for no more than 3 min/hr	BAAQMD condition #2571, part 11	P/every 400 hours of operation	visible emissions check	The operator checks for visible emission at each day time turbine start up. Startups occurred more frequently than every 400 hours.
	BAAQMD 6-1-301	Ringelmann No. 1 for no more than 3 min/hr	BAAQMD condition #2571, part 11	P/every 400 hours of operation	visible emissions check	The operator checks for visible emission at each day time turbine start up. Startups occurred more frequently than every 400 hours.
FP	SIP Regulation 6-310	0.15 grain/dscf		N		n/a
	BAAQMD 6-310	0.15 grain/dscf		N		n/a
NMOC	BAAQMD condition #2571, part 5	< 40 lb/hr for all turbines combined	BAAQMD condition #2571, part 10	P/every 2000 hours of operation	source test	No source tests were required during this period. See note 1.

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Type of Limit*	Emission Limit Citation*	Emission Limit*	Monitoring Requirement Citation*	Monitoring Frequency (P/C/N)*	Monitoring Type*	Compliance Summary
Lead	BAAQMD 11-1-301	15 lb/day		N		n/a
	BAAQMD 11-1-302	GLC not to exceed 1.0 ug/cm, 24 hr. avg.		N		n/a
Hours of operation	BAAQMD 9-9-302	< 877 hr/per 12-month period for each turbine	BAAQMD 9-9-502	P/E	records	Each turbine operated less than 877 hours per 12-month period as shown in Table II, Note 2.
	BAAQMD condition #2571, part 6	< 5000 hr/yr for all turbines combined	BAAQMD condition #2571, part 12	P/E	records	The total operating hours for the year **2014** were **402.7** hours. The total operating hours for the year **2015** as of 8/31/15 were **709.1** hours.
Water to Fuel Ratio	BAAQMD condition #2571, part 8	60% to 75% by volume	BAAQMD condition #2571, part 12b	D	Fuel and Water Meter	The ratio of water to fuel is check and logged at least daily when a turbine runs for at least 1 hour.
VOC	BAAQMD condition #5974, part 1	< 20 gal/yr	BAAQMD condition #5974, part 2	P/D	records	No solvent wipe cleaning occurred during this report period.
Opacity	SIP Regulation 6-303	Ringelmann No. 2 for no more than 3 min/hr		N		n/a
	BAAQMD 6-1-303	Ringelmann No. 2 for no more than 3 min/hr		N		n/a
FP	SIP Regulation 6-310	0.15 gr/dscf		N		n/a
	BAAQMD 6-1-310	0.15 gr/dscf		N		n/a
SO_2	BAAQMD	Ground Level Concentrations: 0.5		N		n/a

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Type of Limit*	Emission Limit Citation*	Emission Limit*	Monitoring Requirement Citation*	Monitoring Frequency (P/C/N)*	Monitoring Type*	Compliance Summary
	9-1-301	ppm for 3 consecutive minutes, 0.25 ppm averaged over 60 consecutive minutes, 0.05 ppm averaged over 24 hours				
	BAAQMD 9-1-304	Fuel Sulfur Limit 0.5%	BAAQMD Regulation 9-1-502	N		n/a
Hours of Operation	BAAQMD 9-8-330	50 hours in a calendar year	BAAQMD 9-8-530	P/each time fuel is added	records	The emergency standby diesel engine operated **14.2** hours for reliability-related activities in **2014**
	Condition 22820, part 1	20 hours in a calendar year	Condition 22820, part 3	C	Totalizing hour meter	The emergency standby diesel engine operated **14.2** hours for reliability-related activities in **2014**

Monitory Frequency Codes:

(P) – periodic (C) – continuous (A) – annual (Q) – quarterly (M) – monthly (W) – weekly (D) – daily (E) – event basis (N) – no monitoring

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