

August 23, 2021
Facility # B6151

Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale Street
Suite 600
San Francisco, CA 94105-2097

TV Tracking #: 289

1. RECEIVED IN
ENFORCEMENT: 08/23/2021

Attn: Title V Reports

Subject: Title V Semi-Annual Monitoring Report for the period February 1, 2021 to July 31, 2021.

The Energy Center San Francisco herewith submits the Semi-Annual Report for Facility B6151. This report includes detailed reports and compliance reporting for the following sources for the Semi-Annual period February 1, 2021 to July 31, 2021:

S-3: Boiler 3
Status: Full Compliance

S-4: Boiler 4
Status: Full Compliance

S-5: Boiler 5
Status: Full Compliance

S-6: Boiler 6
Status: Full Compliance

S-7: Boiler 7
Status: Full Compliance

S-9: Boiler 8
Status: Full Compliance

S10: UST Tank #3
Status: Full Compliance (exempt source)

S-11: UST Tank #4
Status: Full Compliance (exempt source)

VII. APPLICABLE LIMITS & COMPLIANCE MONITORING REQUIREMENTS

Table VII-A
S-3 BOILER NO. 3 & S-4 BOILER NO. 4

Type of limit	Citation of Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status
Oxides of Nitrogen	BAAQMD 9-7-301.1	N	30 ppmv, dry @ 3% O ₂	BAAQMD Condition #21200, part 10	P/A	Source Test	Continuous
	BAAQMD 9-7-301.2	N	40 ppmv, dry @ 3% O ₂	BAAQMD Condition #21200, part 10	P/A	Source Test	Continuous
	BAAQMD 9-7-307.5	N	9 ppmv, dry @ 3% O ₂	BAAQMD 9-7-403, 9-7-506	P/A	Source Test	Continuous
	SIP 9-7-301.1	Y	30 ppmv, dry @ 3% O ₂		P/A	Source test	Continuous
	SIP 9-7-305.1	Y	150 ppmv, dry @ 3% O ₂		P/A	Source test	Continuous
	SIP 9-7-306.1	Y	150 ppmv, dry @ 3% O ₂		N		Continuous
Carbon Monoxide	BAAQMD 9-7-301.4	N	400 ppmv, dry @ 3% O ₂	BAAQMD Condition #21200, part 10	P/A	Source Test	Continuous
	BAAQMD 9-7-307.5	N	400 ppmv, dry @ 3% O ₂	BAAQMD 9-7-403, 9-7-506	P/A	Source Test	Continuous
	SIP 9-7-301.2	Y	400 ppmv, dry @ 3% O ₂		P/A	Source test	Continuous
	SIP 9-7-305.2	Y	400 ppmv, dry @ 3% O ₂		P/A	Source test	Continuous
	SIP 9-7-306.2	Y	400 ppmv, dry @ 3% O ₂		N		Continuous
Opacity	BAAQMD 6-1-301	N	≥ Ringelmann No. 1 for no more than 3 minutes in any one hour		N		Continuous
Opacity	SIP 6-301	Y	≥ Ringelmann No. 1 for no more than 3 minutes in any one hour		N		Continuous

Table VII-A
S-5 BOILER NO. 5 & S-6 BOILER NO. 6

Type of limit	Citation of Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status
Oxides of Nitrogen	BAAQMD 9-7-112.2	N	30 ppmv, dry @ 3% O ₂	BAAQMD Condition #21200, part 10	P/A	Source Test	Continuous
	SIP 9-7-301.1	Y	30 ppmv, dry @ 3% O ₂		N		Continuous
	SIP 9-7-303	Y	Weighted average of 9-7-301.1 and 9-7-302.1	SIP 9-7-501	C	Non-resettable fuel meters	Continuous
	SIP 9-7-305.1	Y	150 ppmv, dry @ 3% O ₂		N		Continuous
	SIP 9-7-306.1	Y	150 ppmv, dry @ 3% O ₂		N		Continuous
Carbon Monoxide	BAAQMD 9-7-112.2	N	400 ppmv, dry @ 3% O ₂	BAAQMD Condition #21200, part 10	P/A	Source test	Continuous
	BAAQMD 9-7-307.6	N	400 ppmv, dry @ 3% O ₂	BAAQMD 9-7-403, 9-7-506	P/A	Source Test	Continuous
	SIP 9-7-301.2	Y	400 ppmv, dry @ 3% O ₂		N		Continuous
	SIP 9-7-305.2	Y	400 ppmv, dry @ 3% O ₂		N		Continuous
	SIP 9-7-306.2	Y	400 ppmv, dry @ 3% O ₂		N		Continuous
Opacity	BAAQMD 6-1-301	N	≥ Ringelmann No. 1 for no more than 3 minutes in any one hour		N		Continuous
	SIP 6-301	Y	≥ Ringelmann No. 1 for no more than 3 minutes in any one hour		N		Continuous
FP	BAAQMD 6-1-310.3	N	0.15 grain/dscf @ 6% O ₂		N		Continuous
FP	SIP 6-310.3	Y	0.15 grain/dscf @ 6% O ₂		N		Continuous
SO ₂	SIP 9-1-302	Y	300 ppm (dry)		N		Continuous

**Table VII-C
S-7 BOILER NO. 7**

Type of limit	Citation of Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status
Oxides of Nitrogen	BAAQMD 9-7-301.1	N	30 ppmv, dry @ 3% O ₂	BAAQMD Condition #21200, part 10	P/A	Source Test	Continuous
	BAAQMD 9-7-301.2	N	40 ppmv, dry @ 3% O ₂	BAAQMD Condition #21200, part 10	P/A	Source Test	Continuous
	BAAQMD 9-7-307.4	N	15 ppmv, dry @ 3% O ₂	BAAQMD 9-7-403, 9-7-506	P/A	Source Test	Continuous
	SIP 9-7-301.1	Y	30 ppmv, dry @ 3% O ₂		P/A	Source test	Continuous
	SIP 9-7-303	Y	Weighted average of 9-7-301.1 and 9-7-302.1	SIP 9-7-501	C	Non-resettable fuel meters	Continuous
Oxides of Nitrogen	SIP 9-7-305.1	Y	150 ppmv, dry @ 3% O ₂		P/A	Source test	Continuous
	SIP 9-7-306.1	Y	150 ppmv, dry @ 3% O ₂		N		Continuous
Carbon Monoxide	BAAQMD 9-7-301.4	N	400 ppmv, dry @ 3% O ₂	BAAQMD Condition #21200, part 10	P/A	Source Test	Continuous
	BAAQMD 9-7-307.4	N	400 ppmv, dry @ 3% O ₂	BAAQMD 9-7-403, 9-7-506	P/A	Source Test	Continuous
	SIP 9-7-301.2	Y	400 ppmv, dry @ 3% O ₂		P/A	Source test	Continuous
	SIP 9-7-305.2	Y	400 ppmv, dry @ 3% O ₂		P/A	Source test	Continuous
	SIP 9-7-306.2	Y	400 ppmv, dry @ 3% O ₂		N		Continuous
Opacity	BAAQMD 6-1-301	N	≥ Ringelmann No. 1 for no more than 3 minutes in any one hour		N		Continuous
	SIP 6-301	Y	≥ Ringelmann No. 1 for no more than 3 minutes in any one hour		N		Continuous

**Table VII-D
S-9 Boiler No. 8**

Type of limit	Citation of Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status
Oxides of Nitrogen	BAAQMD 9-7-301.1		30 ppmv, dry @ 3% O ₂	BAAQMD Condition #21200, part 10	P/A	Source Test	Continuous
	BAAQMD 9-7-301.2		40 ppmv, dry @ 3% O ₂	BAAQMD Condition #21200, part 10	P/A	Source Test	Continuous
	BAAQMD 9-7-307.6		5 ppmv, dry @ 3% O ₂	BAAQMD 9-7-403, 9-7-506	P/A	Source Test	Continuous
	SIP 9-7-301.1		30 ppmv, dry @ 3% O ₂		N		Continuous
	BAAQMD Condition #21200, part 3		9 ppmv, dry @ 3% O ₂ , averaged over 3 hours	BAAQMD Condition #21200, part 9	P/A	Source Test	Continuous
Carbon Monoxide	BAAQMD 9-7-301.4		400 ppmv, dry @ 3% O ₂	BAAQMD Condition #21200, part 10	P/A	Source Test	Continuous
	BAAQMD 9-7-307.6		400 ppmv, dry @ 3% O ₂	BAAQMD 9-7-403, 9-7-506	P/A	Source Test	Continuous
Carbon Monoxide	SIP 9-7-301.2		400 ppmv, dry @ 3% O ₂		N		Continuous
	BAAQMD Condition #21200, part 4		50 ppmv, dry @ 3% O ₂ , averaged over 3 hours	BAAQMD Condition #21200, part 9	P/initial	Source Test	Continuous
Opacity	BAAQMD 6-1-301		≥ Ringelmann No. 1 for no more than 3 minutes in any one hour		N		Continuous
	SIP 6-301		≥ Ringelmann No. 1 for no more than 3 minutes in any one hour		N		Continuous
FP	BAAQMD 6-1-310.3		0.15 grain/dscf @ 6% O ₂		N		Continuous

**Table VII-E
Applicable Limits and Compliance Monitoring Requirements
S-13 STANDBY GENERATOR DIESEL ENGINE**

Type of Limit	Citation of Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status
Opacity	BAAQMD 6-1-303.1	N	≥ Ringelmann No. 2 for no more than 3 minutes in any hour		N		Continuous
	SIP 6-303.1	Y	≥ Ringelmann No. 2 for no more than 3 minutes in any hour		N		Continuous
FP	BAAQMD 6-1-310.3	N	0.15 grain/dscf @ 6% O ₂		N		Continuous
	SIP 6-310.3	Y	0.15 grain/dscf @ 6% O ₂		N		Continuous
SO ₂	BAAQMD 9-1-301	N	GLC ¹ of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N		Continuous
	BAAQMD 9-1-304	N	Fuel sulfur content limit of 0.5% by weight		N		Continuous
	SIP 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		Continuous
	SIP 9-1-304	Y	Fuel sulfur content limit of 0.5% by weight		N		Continuous
Hours of Operation	BAAQMD condition #22820, part 1		20 hours per year discretionary operation	BAAQMD condition #22820, part 3	C	Totalizing counter	Continuous

