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BAY AREA AIR QUALITY
MANAGEMENT DISTRICT

March 14, 2022

Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105
Attn: Title V Reports

Via FedEx: 7762 8929 4415

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1. ☐ RECEIVED IN 03/16/2022
ENFORCEMENT: _____

To Whom It May Concern,

Attached is the semi-annual compliance report and certification for the Anheuser-Busch, LLC – Fairfield Brewery, BAAQMD Plant #A0606. This report certifies the period of September 1, 2021 through February 28, 2022.

During this reporting period there were no instances of non-compliance and all required monitoring was completed.

Should you have any questions with the information contained in this report, please feel free to contact me at 707-580-7124.

Sincerely,

Christopher Garcia
ES Manager – Fairfield Brewery

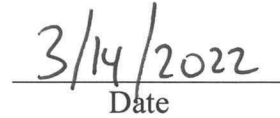
Compliance Certification Statement

Based on information and belief formed after reasonable inquiry, I certify the statements and information in the attached Compliance Certification form are true, accurate, and complete.

Compliance certification for: Title V Semi-Annual Certification for the period of September 1, 2021 through February 28, 2022.



Travis Moore
General Manager


Date

Facility: #A0606
Anheuser-Busch, LLC
3101 Busch Drive
Fairfield, CA 94534



Anheuser-Busch LLC - Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition #13032

S-1 Boiler Fuel Usage (MMBTUs)

Limit: 1,042,440 MMBTU for any consecutive 12-month period

	Fuel Usage	12 Month Consecutive
September-21	8,125	79,641
October-21	13,116	91,954
November-21	0	88,221
December-21	0	85,847
January-22	1,449	86,906
February-22	0	85,933

Anheuser-Busch LLC- Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition #13032

S-2 Boiler Fuel Usage (MMBTUs)

Limit: 1,042,440 MMBTU for any consecutive 12-month period



	Fuel Usage	12 Month Consecutive
September-21	0	0
October-21	0	0
November-21	0	0
December-21	0	0
January-22	0	0
February-22	0	0



Anheuser-Busch LLC - Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition #13032

S-3 Boiler Fuel Usage (MMBTUs)

Limit: 1,042,440 MMBTU for any consecutive 12-month period

Month	Fuel Usage	12 Month Consecutive
September-21	15,937	223,989
October-21	12,127	233,813
November-21	20,559	231,438
December-21	25,534	240,412
January-22	25,038	244,068
February-22	21,433	215,962



Anheuser-Busch LLC- Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition #13032

S-1, S-2, S-3 Cumulative Boiler Fuel Usage (MMBTUs)

Month	Fuel Usage	12 Month Consecutive
September-21	24,062	301,327
October-21	25,243	302,833
November-21	20,559	303,099
December-21	25,534	304,877
January-22	26,487	304,295
February-22	21,433	301,895

Anheuser-Busch LLC - Fairfield Brewery



BAAQMD Plant #: A0606

Permit Condition # 16202

S-120, -128, -131, -171, -172, -173, -174, -175, -176, -179, -185, -186, -187, -188

12 Month Limit: Ink 1339 gallons; Solvent thinner 569 gallons; Acetone 99 gallons; S-185 & S-186 Ink Limit: 156 gallons per consecutive 12 month period and is track on a separate sheet.

POC Emission Limit: 17370 pounds per consecutive 12 months from all sources; NPOC Emission Limit: 603 pounds from all sources; S-185, S-186 POC emission limits 105 pounds in 12 month period and tracked on a separate sheet.

Month & Year	Video-Jet Ink 16-4200 (Qt)	Video-Jet Solvent 16-4205 (Qt)	Diagraph TWP 101 Black Ink (5 Gal Full)	Diagraph TWP 101 Conditioner (5 Gal Full)	Linx Ink 3103 (112 Ltr)	Linx Solvent 3501 (112 Ltr)	Seam True II Ink Jet Ink (Liter)	Video-Jet Ink V410-D (750 ml)	Video-Jet Make up V705-D (750 ml)	Video-Jet Conditioner V901-Q (Liter)	Video-Jet 1J-P-BK2-G5 (5 Gal Full)	Monthly Ink Usage (Gal)	Monthly Solvent Usage (Gal)	Monthly Acetone Usage (Gal)	12 Month Ink Usage (Gal)	12 Month Solvent Usage (Gal)	12 Month Acetone Usage (Gal)	Monthly POC Emission (Lb.)	Monthly NPOC Emission (Lb.)	12-Month POC Emission (Lb.)	12-Month NPOC Emission (Lb.)
SAP #	1012066	1206384	1369178	1326520	1318353	1318352	1568880	1745231	1745232	1722033	1786641										
CTS #	03528-000	00152-000	16510-000	06080-000	13635-000	13694-000	27321-000	45883-000	45884-000	42559-0000	47861-000										
Density lb/gal	7.52	6.68	8.84	8.39	7.52	6.68	8.35	6.68	6.68	7.52	8.41										
Density lb/unit	1.88	1.67	44	42	0.99	0.88	2.20	1.34	1.34	1.98	42										
% POC	71	100	20	40	47.5	20	80	67.00	100	100	8										
lb POC/unit	1.33	1.67	8.84	16.78	0.47	0.18	1.76	0.90	1.34	1.98	3.37										
% NPOC	0	0	0	0	47.5	80	20	0	0	0	96										
lb NPOC/unit	0.00	0.00	0.00	0.00	0.47	0.21	0.44	0.00	0.00	0.00	40.38										
September-21	0	0	1	0	0	20	0	12	138	0	1	12.40	30.24	2.11	126.5	195.7	14.4	212.17	54.49	1594.8	281.3
October-21	0	0	0	0	0	10	14	12	66	2	1	6.10	15.05	1.06	111.1	193.3	13.3	179.34	13.23	1561.3	235.2
November-21	0	0	2	0	0	10	10	12	54	3	1	20.04	12.91	1.06	112.8	200.6	14.4	131.95	51.85	1618.8	202.8
December-21	0	0	1	0	0	0	5	0	24	0	0	6.32	4.80	0.00	116.5	191.4	13.3	51.05	2.20	1570.2	197.5
January-22	0	0	1	0	0	10	4	12	36	6	0	9.78	10.10	1.68	115.1	183.0	13.9	94.44	13.53	1521.6	203.9
February-22	0	0	0	0	0	20	3	6	66	0	0	1.99	15.84	2.11	112.3	182.0	16.0	102.36	15.43	1485.2	215.4



Anheuser-Busch LLC- Fairfield Brewery
BAAQMD Plant# A0606
Permit Condition #26901 & 26902
S-185 & S-186 Videojet Bottle Coder Ink Use

Limit: 5 gallons of Marsh P-Ink Midnight Black j-P-BK2-G5 in any one day per coder; 156 gallons in any consecutive 12 month period per coder.
 Total POC emissions: 105 pounds in consecutive 12 month period per coder.

Description	Video-Jet Marsh IJ-P-BK2-G5 5-Gallon Pail
SAP #	1786641
CTS #	47861-000
Density Lb./Gal	8.41
Density Lb./Unit	42
% POC	8
Lbs. POC/Unit	3.37
% NPOC	96
Lbs. NPOC/Unit	40.38

Month	Qty. Issued	Date Issued	Monthly Ink Usage (Gallons)	12-Month Ink Usage (Gallons)	Monthly POC Emissions (Lbs.)	12-Month POC Emissions (Lbs.)
Sep-21	1	9/10/2021	5	20	3.37	13.48
Oct-21	0		0	15	0	10.11
Nov-21	1	11/18/2021	5	10	3.37	6.74
Dec-21	0		0	10	0	6.74
Jan-22	0		0	10	0	6.74
Feb-22	0		0	10	0	6.74



Anheuser-Busch LLC - Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition #9061

S-134 & S-137 Total Filtering Aid Loading Throughputs

Permit Limit: 222 tons during 12 month consecutive period

			Consecutive Summary	Consecutive Summary
<i>Month</i>	<i>Filter Aid 2021</i>	<i>Filter Aid 2022</i>	12MONTH TOTAL 21	12MONTH TOTAL
JAN		0.6		7.5
FEB	0.6	0.6	7.2	7.5
MAR				
APR	0.5		7.2	
MAY				
JUN	0.7		7.4	
JUL				
AUG	0.6		7.5	
SEP	0.7		7.5	
OCT	0.7		7.3	
NOV	0.6		7.5	
DEC	0.5		7.5	
Sum	2.40	1.13		



Anheuser-Busch LLC- Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition #8195

S-135 Railcar Fumigation Venting

Permit Limit: 2,190 rail cars in a 12 month period

Number of railcars unloaded		12 Month Total Railcars Unloaded	12 Month Total Railcars Unloaded
Month	2021		
JAN			28
FEB	0	39	28
MAR			
APR	0	39	28
MAY			
JUN	7	42	18
JUL			
AUG	4	34	9
SEP	5	35	
OCT	2	30	2
NOV	2	28	
DEC	0	28	0
Sum	9		0

No fumigants are added to railcars at this facility.



Anheuser-Busch LLC - Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition #17177

S-141, 142 Fumigation of Milling Operations

Limit: 240 lbs. of phosphine gas in any consecutive 12-month period

Fumigant Usage (lbs.)				
Quarter	2021	2022		12 MONTH TOTAL
1st		0.00		21 2.06
2nd				2.06
3rd	0.00			2.06
4th	2.73			2.73
Sum	2.73	0.00		

1st Quarter is through March.

2nd Quarter is through June.

3rd Quarter is through September.

4th Quarter is through December.

		Anheuser-Busch LLC- Fairfield Brewery BAAQMD Plant #: A0606 Permit Condition #20632 (1 & 2) S-149, S-150, & S-151 Lauter Tub and Brew Kettle Throughput Limit: 4,441,320 bbls of wort per consecutive 12 month period			
		12 Month Consecutive Summary			12 Month Consecutive Summary
Month		2021	2022	12 MONTH TOTAL 2021	12 MONTH TOTAL 2022
JAN			158,709		1,984,340
FEB		151,250	121,447	1,975,828	1,954,537
MAR					
APR		174,866		1,965,328	1,532,569
MAY					
JUN		183,205		1,971,778	1,235,734
JUL					
AUG		178,223		1,962,940	876,005
SEP		169,536		1,964,705	
OCT		154,157		1,972,452	552,312
NOV		110,489		1,976,571	
DEC		161,667		2,009,886	230,156
Sum		595,849	280,156		

		Permit Condition #20632(3) & 21639(2) S-149, S-150, S-151, & S-158 Total Beer Throughput Limit: 6,351,088 bbls of beer per consecutive 12 month period				12 Month Consecutive Summary	
Month		2021	2022			12 MONTH TOTAL	12 MONTH TOTAL
JAN			235,988				3,005,597
FEB		239,754	184,023			2,995,292	2,949,886
MAR							
APR		253,670				2,932,900	2,482,583
MAY							
JUN		285,572				2,956,915	1,917,090
JUL							
AUG		274,299				2,954,228	1,353,521
SEP		258,746				2,927,786	
OCT		254,530				2,933,448	840,245
NOV		195,873				2,965,475	
DEC		224,361				2,969,178	420,011
Sum		933,510	420,011				



Anheuser-Busch LLC- Fairfield Brewery

BAAQMD Plant #: A0606 Permit Condition # 21595 (1) & 21639 (1)

S-154, 155 & 158 Weekly Filler Rate

S-158 = 1,800 bottle/min, S-154 = 1,560 cans/min,

S-155 = 1,565 cans/min, S-168 = 2.124MMBls/12 months

Week	Line 01 (1800 bottles/min) Source 158	(New) Line 40 (2.124 MMBls/12 months) Source 168 (BBLS/WEEK)	Line 50 (weekly can throughput) Source 155 (CAN/Week)	Line 50 (1565 cans) Source 155 (CAN/MIN)
8/29/2021	489	20,653	7,804,968	1,400
9/5/2021	0	38,629	6,626,928	1,336
9/12/2021	214	19,230	8,008,656	961
9/19/2021	0	38,797	5,967,504	1,278
9/26/2021	540	29,579	8,359,728	972
10/3/2021	368	20,175	9,174,768	1,491
10/10/2021	409	15,862	7,940,688	1,036
10/17/2021	399	32,387	7,052,640	1,358
10/24/2021	375	28,364	9,711,984	1,343
10/31/2021	0	29,398	5,063,400	1,015
11/7/2021	439	18,878	8,546,832	1,347
11/14/2021	426	37,003	8,006,544	1,340
11/21/2021	0	7,310	4,691,160	1,295
11/28/2021	404	24,684	7,757,760	1,429
12/5/2021	406	28,861	9,493,056	1,438
12/12/2021	0	30,161	6,069,816	1,365
12/19/2021	428	14,609	2,812,464	1,212
12/26/2021	327	27,073	3,421,776	1,025
1/2/2022	452	18,687	6,089,664	1,255
1/9/2022	0	42,006	6,093,432	1,358
1/16/2022	500	15,950	6,454,464	1,379
1/23/2022	0	39,171	8,088,696	1,299
1/30/2022	333	21,226	9,662,400	1,234
2/6/2022	0	26,713	3,593,136	1,114
2/13/2022	376	27,090	9,595,872	1,221
2/20/2022	0	7,292	6,610,944	1,147
2/27/2022	401	25,980	11,156,160	1,344



Anheuser-Busch LLC- Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition # 21369 (2) S - 158 = 6,351,088 barrels/12 months

Permit Condition # 23956 (1) S - 168 = 2,124,000 barrels/12 months

Month	Source 158 Line 01 Monthly Barrels	Source 158 Line 01 (6,351,088 barrels/12 month)	Source 168 Line 40 Monthly Barrels	Source 168 Line 40 (2,124,000 barrels/12 months)
September-21	8,512.75	92,649.11	125,216.84	1,465,843.27
October-21	8,767.95	94,190.27	114,398.74	1,440,810.99
November-21	6,080.52	95,598.59	92,974.43	1,451,763.29
December-21	9,781.40	96,717.53	119,410.84	1,468,509.45
January-22	9,472.69	100,014.27	124,354.21	1,492,796.44
February-22	8,409.17	99,963.76	109,695.73	1,483,423.50



Anheuser-Busch LLC- Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition # 22851

S-156 Stationary Diesel Engine (Fire Pump)

Limit: For emergency use or 34 hours/calendar year for reliability testing

Reliability Testing (Hrs)			Emergency Conditions (Hrs)			Emission Testing (Hrs)		
Month	2021	2022	Month	2021	2022	Month	2021	2022
JAN		2.10	JAN		0.00	JAN		0.00
FEB		2.20	FEB		0.00	FEB		0.00
MAR			MAR			MAR		
APR			APR			APR		
MAY			MAY			MAY		
JUN			JUN			JUN		
JUL			JUL			JUL		
AUG			AUG			AUG		
SEP	1.70		SEP	0.00		SEP	0.00	
OCT	1.70		OCT	0.00		OCT	0.00	
NOV	2.50		NOV	0.00		NOV	0.00	
DEC	1.50		DEC	0.00		DEC	0.00	
TOTAL	7.40	4.30	TOTAL	0.00	0.00	TOTAL	0.00	0.00



Anheuser-Busch LLC- Fairfield Brewery

BAAQMD Plant #: A0607

Permit Condition # 22851

S-165 Stationary Diesel Engine (Emergency Generator)

Limit: For emergency use or 50 hours/calendar year for reliability testing

Reliability Testing (Hrs)			Emergency Conditions (Hrs)			Emission Testing (Hrs)		
Month	2021	2022	Month	2021	2022	Month	2021	2022
JAN		0.00	JAN		0.00	JAN		0.00
FEB		2.20	FEB		0.00	FEB		0.00
MAR			MAR			MAR		
APR			APR			APR		
MAY			MAY			MAY		
JUN			JUN			JUN		
JUL			JUL			JUL		
AUG			AUG			AUG		
SEP	0.00		SEP	0.00		SEP	0.00	
OCT	0.20		OCT	0.00		OCT	0.00	
NOV	0.00		NOV	0.00		NOV	0.00	
DEC	0.00		DEC	0.00		DEC	0.00	
TOTAL	0.20	2.20	TOTAL	0.00	0.00	TOTAL	0.00	0.00



Anheuser-Busch LLC- Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition # 23750

S-166 and S-167 BERS Boiler Flare Ratio

Limit: 52 week rolling average not to exceed 10%

Year	Week #	Biogas Production (cubic feet)	Biogas Flared (cubic feet)	Ratio of Biogas Flared to Produced (%)	Ratio of Biogas Flared to Produced 52-Week Rolling Average Not to exceed 10%
2021	35	1,793,338	4,931	0.27	8.02
	36	2,016,572	22,646	1.12	7.85
	37	1,786,430	25,095	1.40	7.77
	38	1,856,947	54,958	2.96	7.68
	39	2,054,146	61,333	2.99	7.62
	40	1,836,092	13,131	0.72	7.52
	41	1,747,946	36,633	2.10	7.56
	42	1,880,392	0	0.00	7.56
	43	1,756,102	15,280	0.87	7.57
	44	1,632,069	312	0.02	7.16
	45	1,845,260	63,511	3.44	7.22
	46	2,055,460	81,351	3.96	7.29
	47	1,251,497	187,769	15.00	7.19
	48	1,891,770	21,435	1.13	6.99
	49	1,953,327	29,711	1.52	6.70
	50	2,170,265	33,091	1.52	6.70
	51	1,478,087	97,859	6.62	6.68
	52	1,751,645	98,993	5.65	6.75
2022	1	1,722,896	0	0.00	6.74
	2	2,180,051	686	0.03	6.71
	3	1,788,461	19,822	1.11	6.70
	4	1,652,460	0	0.00	6.63
	5	1,506,061	757	0.05	6.57
	6	1,871,649	39,338	2.10	6.57
	7	1,984,071	37,989	1.91	6.42
	8	2,109,107	156,573	7.42	6.56
	9	1,875,193	96	0.01	6.41



Anheuser-Busch LLC- Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition # 23750

S-166 and S-167 BERS Biogas H2S

Limit: 52 week rolling average not to exceedb 200 ppmv

Year	Week #	Biogas H2S (ppmv)	52-Week Rolling Average Not to exceed 200 ppmv
2021	35	150.00	158.17
	36	50.00	155.29
	37	100.00	153.56
	38	200.00	155.87
	39	130.00	155.48
	40	200.00	155.48
	41	120.00	153.94
	42	100.00	153.94
	43	25.00	152.50
	44	200.00	156.15
	45	200.00	158.08
	46	200.00	161.44
	47	180.00	162.98
	48	200.00	164.52
	49	100.00	164.52
	50	170.00	164.90
	51	200.00	165.29
	52	200.00	165.29
2022	1	100.00	163.37
	2	100.00	161.44
	3	200.00	162.12
	4	200.00	162.12
	5	75.00	160.10
	6	200.00	160.29
	7	200.00	160.48
	8	200.00	160.48
	9	100.00	158.56



Anheuser-Busch LLC - Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition # 23750

S-166 and S-167 BERS Offgas H₂S

Limit: 52 week rolling average not to exceed 10 ppmv

Year	Week #	Offgas H ₂ S (ppmv)	52-Week Rolling Average Not to exceed 10 ppmv		
2021	35	2.00	0.04		
	36	0.00	0.04		
	37	0.00	0.04		
	38	0.00	0.04		
	39	0.00	0.04		
	40	0.00	0.04		
	41	0.00	0.04		
	42	0.00	0.04		
	43	0.00	0.04		
	44	0.00	0.04		
	45	0.00	0.04		
	46	0.00	0.04		
	47	0.00	0.04		
	48	2.00	0.08		
	49	0.00	0.08		
	50	2.00	0.12		
	51	4.00	0.19		
	52	3.00	0.25		
2022	1	2.00	0.29		
	2	0.00	0.29		
	3	4.00	0.37		
	4	10.00	0.56		
	5	0.00	0.56		
	6	0.00	0.56		
	7	0.00	0.56		
	8	0.00	0.56		
	9	0.00	0.56		



Anheuser-Busch LLC - Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition # 23750

S-166 and S-167 BERS WW Throughput

Limit: 12 month rolling average not to exceed 778 MM Gallons

Month	Wastewater Throughput (MM Gallons)		
		Wastewater Throughput 12-Month Rolling Average	Wastewater Total for 12 month period Not to Exceed 778 MM Gallons
Sep-21	16.42	16.64	199.72
Oct-21	18.16	16.80	201.65
Nov-21	14.69	16.82	201.89
Dec-21	18.72	17.04	204.53
Jan-22	19.32	17.18	206.12
Feb-22	15.28	17.12	205.45



Anheuser-Busch LLC - Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition # 23750

S-166 and S-167 BERS Biogas Production

Limit: 12 month rolling average not to exceed 864,000 cf/day

	Biogas Production	Biogas Production 12-Month Rolling Average
Sep-21	8,104,149	265,355.31
Oct-21	7,948,419	267,692.37
Nov-21	7,152,883	271,319.90
Dec-21	8,454,816	274,759.86
Jan-22	8,120,960	274,762.42
Feb-22	7,405,996	271,111.02



Anheuser-Busch LLC - Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition # 23750

S-166 and S-167 Daily Biogas Production Log

		Biogas Production	Biogas Flared	Biogas H2S	Offgas H2S
	8/29/2021	271,823	2,888		
	8/30/2021	302,373	12		
	8/31/2021	328,859	489		
35	9/1/2021	200,739	0	150.00	2.00
	9/2/2021	247,076	0		
	9/3/2021	241,720	1,542		
	9/4/2021	200,747	0		
	9/5/2021	229,752	1,974		
	9/6/2021	276,452	397		
	9/7/2021	369,385	20,275		
36	9/8/2021	331,826	0	50.00	0.00
	9/9/2021	296,912	0		
	9/10/2021	285,712	0		
	9/11/2021	226,531	0		
	9/12/2021	252,298	24		
	9/13/2021	324,939	4,159		
	9/14/2021	332,976	18,922		
37	9/15/2021	252,835	0	100.00	0.00
	9/16/2021	115,025	1,990		
	9/17/2021	259,648	0		
	9/18/2021	248,709	0		
	9/19/2021	244,492	30,724		
	9/20/2021	306,046	14,814		
	9/21/2021	222,665	0		
38	9/22/2021	268,819	0	200.00	0.00
	9/23/2021	289,280	1,276		
	9/24/2021	210,013	8,144		
	9/25/2021	315,631	0		
	9/26/2021	336,603	53,522		
	9/27/2021	318,054	453		
	9/28/2021	342,251	983		
39	9/29/2021	302,607	0	130.00	0.00
	9/30/2021	254,404	0		
	10/1/2021	260,126	6,375		
	10/2/2021	240,102	0		
	10/3/2021	250,897	0		
	10/4/2021	273,199	0		
	10/5/2021	267,375	1,492		
40	10/6/2021	273,565	63	200.00	0.00
	10/7/2021	300,552	7,615		
	10/8/2021	271,146	3,961		
	10/9/2021	199,358	0		



Anheuser-Busch LLC - Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition # 23750

S-166 and S-167 Daily Biogas Production Log

		Biogas Production	Biogas Flared	Biogas H2S	Offgas H2S
	10/10/2021	236,801	0		
	10/11/2021	247,669	0		
	10/12/2021	277,082	91		
41	10/13/2021	251,865	0	120.00	0.00
	10/14/2021	253,483	0		
	10/15/2021	293,558	1,479		
	10/16/2021	187,489	35,063		
	10/17/2021	285,222	0		
	10/18/2021	221,276	0		
	10/19/2021	273,010	0		
42	10/20/2021	334,726	0	100.00	0.00
	10/21/2021	299,474	0		
	10/22/2021	236,028	0		
	10/23/2021	230,654	0		
	10/24/2021	299,927	15,280		
	10/25/2021	247,454	0		
	10/26/2021	288,451	0		
43	10/27/2021	285,539	0	25.00	0.00
	10/28/2021	192,686	0		
	10/29/2021	282,897	0		
	10/30/2021	159,148	0		
	10/31/2021	227,660	0		
	11/1/2021	281,856	312		
	11/2/2021	242,830	0		
44	11/3/2021	189,831	0	200.00	0.00
	11/4/2021	214,235	0		
	11/5/2021	251,533	0		
	11/6/2021	224,123	0		
	11/7/2021	221,126	0		
	11/8/2021	233,423	0		
	11/9/2021	233,897	0		
45	11/10/2021	188,070	0	200.00	0.00
	11/11/2021	280,639	0		
	11/12/2021	297,796	0		
	11/13/2021	390,309	63,511		
	11/14/2021	374,996	59,234		
	11/15/2021	351,804	791		
	11/16/2021	331,423	2,993		
46	11/17/2021	322,262	4,412	200.00	0.00
	11/18/2021	239,425	13,921		
	11/19/2021	216,161	0		
	11/20/2021	219,389	0		



Anheuser-Busch LLC - Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition # 23750

S-166 and S-167 Daily Biogas Production Log

		Biogas Production	Biogas Flared	Biogas H2S	Offgas H2S
	11/21/2021	224,918	0		
	11/22/2021	278,497	0		
	11/23/2021	331,656	10,993		
47	11/24/2021	299,992	108,307	180.00	0.00
	11/25/2021	76,742	51,168		
	11/26/2021	4,342	4,015		
	11/27/2021	35,351	13,286		
	11/28/2021	126,909	4,826		
	11/29/2021	209,031	0		
	11/30/2021	260,317	0		
48	12/1/2021	367,655	15,079	200.00	2.00
	12/2/2021	264,073	0		
	12/3/2021	356,464	1,530		
	12/4/2021	307,321	0		
	12/5/2021	240,856	0		
	12/6/2021	271,340	16,361		
	12/7/2021	247,303	13,350		
49	12/8/2021	309,717	0	100.00	0.00
	12/9/2021	272,565	0		
	12/10/2021	345,862	0		
	12/11/2021	265,684	0		
	12/12/2021	284,050	0		
	12/13/2021	246,090	4,392		
	12/14/2021	303,757	0		
50	12/15/2021	329,206	0	170.00	2.00
	12/16/2021	365,237	497		
	12/17/2021	369,349	20,924		
	12/18/2021	272,576	7,278		
	12/19/2021	214,204	0		
	12/20/2021	280,618	0		
	12/21/2021	274,025	0		
51	12/22/2021	216,836	0	200.00	4.00
	12/23/2021	259,232	0		
	12/24/2021	147,377	65,798		
	12/25/2021	85,795	32,061		
	12/26/2021	157,880	0		
	12/27/2021	214,684	19,987		
	12/28/2021	318,530	73,032		
52	12/29/2021	284,455	4,463	200.00	3.00
	12/30/2021	314,646	0		
	12/31/2021	267,428	0		
	1/1/2022	194,022	1,511		



Anheuser-Busch LLC - Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition # 23750

S-166 and S-167 Daily Biogas Production Log

		Biogas Production	Biogas Flared	Biogas H2S	Offgas H2S
2022					
1	1/2/2022	264,339	0		
	1/3/2022	275,714	0		
	1/4/2022	316,954	0		
	1/5/2022	276,602	0	100.00	2.00
	1/6/2022	221,619	0		
	1/7/2022	187,162	0		
	1/8/2022	180,506	0		
2	1/9/2022	174,754	0		
	1/10/2022	293,050	0		
	1/11/2022	309,752	0		
	1/12/2022	317,952	0	100.00	0.00
	1/13/2022	414,756	628		
	1/14/2022	384,088	58		
	1/15/2022	285,698	0		
3	1/16/2022	217,365	0		
	1/17/2022	223,873	0		
	1/18/2022	287,753	11,621		
	1/19/2022	288,953	11	200.00	4.00
	1/20/2022	286,580	0		
	1/21/2022	284,232	8,190		
	1/22/2022	199,705	0		
4	1/23/2022	216,990	0		
	1/24/2022	287,614	0		
	1/25/2022	166,954	0		
	1/26/2022	132,336	0	200.00	10.00
	1/27/2022	305,405	0		
	1/28/2022	276,275	0		
	1/29/2022	266,885	0		
5	1/30/2022	284,974	493		
	1/31/2022	298,097	0		
	2/1/2022	177,221	0		
	2/2/2022	184,564	0	75.00	0.00
	2/3/2022	191,414	264		
	2/4/2022	202,024	0		
	2/5/2022	167,765	0		
6	2/6/2022	190,336	0		
	2/7/2022	232,654	4,460		
	2/8/2022	308,912	8,622		
	2/9/2022	284,182	0	200.00	0.00
	2/10/2022	334,980	25,235		
	2/11/2022	275,444	1,021		

Source of Data: UPA Data imported to 010310 to 020610 Biogas and Offgas.xls

9 BERS Log.xlsx



Anheuser-Busch LLC - Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition # 23750

S-166 and S-167 Daily Biogas Production Log

		Biogas Production	Biogas Flared	Biogas H2S	Offgas H2S
	2/12/2022	245,141	0		
	2/13/2022	256,749	0		
	2/14/2022	263,091	477		
	2/15/2022	263,103	0		
7	2/16/2022	298,350	0	200.00	0.00
	2/17/2022	288,371	23		
	2/18/2022	324,766	14,878		
	2/19/2022	289,642	22,611		
	2/20/2022	297,358	9,889		
	2/21/2022	315,843	85,876		
	2/22/2022	358,623	43,837		
8	2/23/2022	365,772	13,706	200.00	0.00
	2/24/2022	277,136	3,265		
	2/25/2022	253,008	0		
	2/26/2022	241,367	0		
	2/27/2022	224,832	0		
	2/28/2022	293,348	0		
	3/1/2022	288,537	0		
9	3/2/2022	311,227	0	100.00	0.00
	3/3/2022	260,733	18		
	3/4/2022	254,439	3		
	3/5/2022	242,077	75		



Anheuser-Busch LLC- Fairfield Brewery

BAAQMD Plant #: A0606

Permit Condition # 8A

S-167 Flare

Condition 8 of the Permit to Operate states: Owner/operator shall maintain the minimum temperature of S-167 flare at not less than 1400 degrees F.

Condition 8A of the Permit to Operate states:

This condition shall only apply when the biogas supply valves to all boilers are closed and biogas flaring exceeding 300 cfm occurs longer than 15 minutes continuously.

For the period of September 1, 2021 to February 28, 2022, no conditions of 8 or 8A have occurred.



Anheuser-Busch LLC- Fairfield Brewery

BAAQMD Plant #: A0606

Permit Chart IIB

Condition #17176

PRESSURE DROP (INCHES OF WATER)

Month	A-12 (0.5-6 in)	A-36 (0.5-6 in)	A-51^b (1-6 in.)	A-54 (1-6 in.)	A-134 (0.5-6 in)	A-125^a (0.25-3 in)	A-130 (0.5-4 in)
Sep-21	4.54	N/A	2.59	4.69	N/A	0.80	0.76
Oct-21	5.05	N/A	1.89	4.09	N/A	2.80	0.75
Nov-21	4.45	N/A	2.19	4.09	N/A	2.60	0.77
Dec-21	5.11	N/A	2.23	4.08	N/A	N/A	1.26
Jan-22	5.58	N/A	1.99	4.89	N/A	N/A	0.67
Feb-22	3.37	N/A	5.45	3.74	N/A	N/A	0.70

* N/A = Not in operation during this month (no bagged DE/Perlite used or equipment was not utilized during the month)

*a = Devices run only as a back-up system

*b = Device only runs when grains are being unloaded



ANHEUSER-BUSCH

A-130 Weekly Visible Emission Check

Complete while equipment is operating and during daylight hours. If visible emissions are detected, take corrective actions.

Month and Year:	SEPTEMBER 2021				
Week:	Week 1	Week 2	Week 3	Week 4	Week 5
Inspection Date:	9/2/21	9/8/21	9/13/21	9/22/21	9/29/21
Any visible emissions?	Yes ☐ No ☒	Yes ☐ No ☒	Yes ☐ No ☒	Yes ☐ No ☒	Yes ☐ No ☒
Initials:	CH	CH	GD	CH	CH

If "Yes," for visible emissions, complete the following:

Is there evidence of particulate breakthrough? If so, please explain.	
Has the filter bags been checked for any tears, holes, abrasions, scuffs and replaced as needed?	
If evident, replace bags as needed.	
What was the total duration of this visible emission incident?	
What corrective actions were taken to eliminate the visible emission?	
Additional Comments:	

Note: No discharge of an air contaminant into the atmosphere for a period or periods aggregating more than 3 minutes in any hour, which is as dark or darker than a Ringlemann 1.0.



ANHEUSER-BUSCH

A-130 Weekly Visible Emission Check

Complete while equipment is operating and during daylight hours. If visible emissions are detected, take corrective actions.

Month and Year:	OCTOBER 2021				
Week:	Week 1	Week 2	Week 3	Week 4	Week 5
Inspection Date:	10/5/21	10/12/21	10/19/21	10/25/21	
Any visible emissions?	Yes ☒ No ☐	Yes ☒ No ☐	Yes ☒ No ☐	Yes ☒ No ☐	Yes ☐ No ☐
Initials:	ctg	cto	ct	cp	

If "Yes," for visible emissions, complete the following:

Is there evidence of particulate breakthrough? If so, please explain.	
Has the filter bags been checked for any tears, holes, abrasions, scuffs and replaced as needed?	
If evident, replace bags as needed.	
What was the total duration of this visible emission incident?	
What corrective actions were taken to eliminate the visible emission?	
Additional Comments:	

Note: No discharge of an air contaminant into the atmosphere for a period or periods aggregating more than 3 minutes in any hour, which is as dark or darker than a Ringlemann 1.0.



ANHEUSER-BUSCH

A-130 Weekly Visible Emission Check

Complete while equipment is operating and during daylight hours. If visible emissions are detected, take corrective actions.

Month and Year:	NOVEMBER 2021				
Week:	Week 1	Week 2	Week 3	Week 4	Week 5
Inspection Date:	11/3/21	11/9/21	11/19/21	11/23/21	11/29/21
Any visible emissions?	Yes ☐ No ☒	Yes ☐ No ☒	Yes ☐ No ☒	Yes ☐ No ☒	Yes ☐ No ☒
Initials:	CB	CB	CB	TC	CB

If "Yes," for visible emissions, complete the following:

Is there evidence of particulate breakthrough? If so, please explain.	
Has the filter bags been checked for any tears, holes, abrasions, scuffs and replaced as needed?	
If evident, replace bags as needed.	
What was the total duration of this visible emission incident?	
What corrective actions were taken to eliminate the visible emission?	
Additional Comments:	

Note: No discharge of an air contaminant into the atmosphere for a period or periods aggregating more than 3 minutes in any hour, which is as dark or darker than a Ringlemann 1.0.



ANHEUSER-BUSCH

A-130 Weekly Visible Emission Check

Complete while equipment is operating and during daylight hours. If visible emissions are detected, take corrective actions.

Month and Year:	DECEMBER 2021				
Week:	Week 1	Week 2	Week 3	Week 4	Week 5
Inspection Date:	12/21/21	12/17/21	12/16/21	12/20/21	12/27/21
Any visible emissions?	Yes ☒ No ☐	Yes ☒ No ☐	Yes ☒ No ☐	Yes ☒ No ☐	Yes ☒ No ☐
Initials:	CE	CE	ek	TC	CE

If "Yes," for visible emissions, complete the following:

Is there evidence of particulate breakthrough? If so, please explain.	
Has the filter bags been checked for any tears, holes, abrasions, scuffs and replaced as needed?	
If evident, replace bags as needed.	
What was the total duration of this visible emission incident?	
What corrective actions were taken to eliminate the visible emission?	
Additional Comments:	

Note: No discharge of an air contaminant into the atmosphere for a period or periods aggregating more than 3 minutes in any hour, which is as dark or darker than a Ringlemann 1.0.



ANHEUSER-BUSCH

A-130 Weekly Visible Emission Check

Complete while equipment is operating and during daylight hours. If visible emissions are detected, take corrective actions.

Month and Year:	JANUARY 2022				
Week:	Week 1	Week 2	Week 3	Week 4	Week 5
Inspection Date:	1/5/22	1/11/22	1/19/22	1/27/22	
Any visible emissions?	Yes ☒ No ☐	Yes ☒ No ☐	Yes ☒ No ☐	Yes ☒ No ☐	Yes ☐ No ☐
Initials:	ag	cb	cb	cb	

If "Yes," for visible emissions, complete the following:

Is there evidence of particulate breakthrough? If so, please explain.	
Has the filter bags been checked for any tears, holes, abrasions, scuffs and replaced as needed?	
If evident, replace bags as needed.	
What was the total duration of this visible emission incident?	
What corrective actions were taken to eliminate the visible emission?	
Additional Comments:	

Note: No discharge of an air contaminant into the atmosphere for a period or periods aggregating more than 3 minutes in any hour, which is as dark or darker than a Ringlemann 1.0.



A-130 Weekly Visible Emission Check

Complete while equipment is operating and during daylight hours. If visible emissions are detected, take corrective actions.

Month and Year:	Week 1	Week 2	Week 3	Week 4	Week 5
Inspection Date:	2/1/22	2/9/22	2/16/22	2/24/22	
Any visible emissions?	No	No	No	No	No
Initials:	CB	CB	CB	CB	

If "Yes," for visible emissions, complete the following:

Is there evidence of particulate breakthrough? If so, please explain.	
Has the filter bags been checked for any tears, holes, abrasions, scuffs and replaced as needed?	
If evident, replace bags as needed.	
What was the total duration of this visible emission incident?	
What corrective actions were taken to eliminate the visible emission?	
Additional Comments:	

Note: No discharge of an air contaminant into the atmosphere for a period or periods aggregating more than 3 minutes in any hour, which is as dark or darker than a Ringlemann 1.0.