EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 8904, PSD-TX-447M1, and N-012

This table lists the maximum allowable emission rates for all sources of air contaminants covered by this permit.

		AIR CONTAMINANTS DATA		
Emission Point No.	Source Name (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY (2)
	BREWING OPERATIONS			
	GRAINS HANDLING			
	Buildings 2 (Old Side) and 62 (New Side)			
GU-O1	Grain Unloading I (GH-GU1)	PM	0.40	0.95
		PM_{10}	0.06	0.14
BHA-6	Malt Conveying I (GH-MALT1)	PM	0.18	0.62
		PM_{10}	0.03	0.09
BHA-7	Rice Conveying I (GH-RICE1)	PM	0.14	0.33
		PM_{10}	0.02	0.05
BHA-8	Mill Dust Collection I (GH-MDC1)	PM	0.57	2.33
		PM_{10}	0.40	1.63
GU-N1	Grain Unloading II (GH-GU2)	PM	0.45	1.97
		PM_{10}	0.07	0.30
GU-N2	Grain Bin Dust Collection II (GH-GBD2)	PM	0.45	1.97
		PM_{10}	0.07	0.30
GH-N1	Malt Conveying IIA (GH-MALT2A)	PM	0.20	0.89
		PM_{10}	0.03	0.13
GH-N2	Rice Conveying IIA (GH-RICE2A)	PM	0.09	0.39
		PM_{10}	0.01	0.06
BHB-20	Malt Conveying IIB (GH-MALT2B)	PM	0.20	0.89
		PM_{10}	0.03	0.13

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	Emission Rates TPY (2)
BHB-21	Rice Conveying IIB (GH-RICE2B)	PM	0.09	0.39
		PM_{10}	0.01	0.06
BHB-22	Mill Dust Collection II (GH-MDC2)	PM	0.35	1.54
		PM_{10}	0.25	1.08
BHB-24	Mill Dust Collection III (GH-MDC3)	PM	0.35	1.54
		PM_{10}	0.25	1.08
GH-O1	Vacuum Cleaning I (GH-VC1)	PM	<0.01	
		PM_{10}	<0.01	
BHA-9	Vacuum Cleaning II (GH-VC2)	PM	<0.01	
		PM_{10}	<0.01	
GH-N5	Vacuum Cleaning III (GH-VC3)	PM (3)	<0.01	
		PM_{10} (3)	<0.01	
BHB-23	Vacuum Cleaning IV (GH-VC4)	PM	<0.01	
		PM_{10}	<0.01	
GH-N6	Vacuum Cleaning V (GH-VC5)	PM	<0.01	
		PM_{10}	<0.01	
GH-O1, BHA-9, GH-N5, BHB-23, and GH-N6	Vacuum Cleaning I, II, III, IV, and V (GH-VC1, GH-VC2, GH-VC3, GH-VC4, and GH-VC5)	PM		<0.01 (10)
		PM_{10}		<0.01 (10)

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	Emission Rates TPY (2)
	BREWHOUSE Buildings 3 (Old Side), 3X and 63			
BHA-1	Mash Cooker No. 1 (BHA-MC1)	VOC	0.12	
BHA-2	Mash Cooker No. 2 (BHA-MC2)	VOC	0.12	
BHA-3	Brew Kettle No. 1 (BHA-BK1)	VOC	1.12	
BHA-4	Holding Kettle (BHA-HK)	VOC	0.40	0.79
BHA-5	Hops Strainer (BHA-HS)	VOC	0.13	
BHA-FUG	Two 50-Barrel Precoat Tanks (BHA-PCT); two 50-Barrel Body Feed Tanks (BHA-BFT); and Carbon Filter Regenerators Nos. 1 through 10 (BHA-CFR)	VOC (3) PM/PM_{10} (3)	0.01 <0.01 0.01	
BHX-1	Mash Cooker No. 3 (BHX-MC3)	VOC	0.12	
BHX-2	Lauter Tub No. 1 (BHX-LT1)	VOC	0.54	
BHX-3	Lauter Tub No. 2 (BHX-LT2)	VOC	0.54	
BHX-4	Brew Kettle No. 2 (BHX-BK2)	VOC	1.12	
BHX-5	Hot Wort Receiver No. 2 (BHX-HWR2)	VOC	0.06	
BHX-6	Press Feed Tank No. 1 (BHX-PFT1)	VOC	0.01	
BHX-7	Press Feed Tank No. 2 (BHX-PFT2)	VOC	0.01	
BHX-8	Truck Loadout Tank (BHX-TLT)	VOC	0.02	0.03

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY (2)
BHX-9	Hot Trub Collection Tank No. 2 (BHX-HTC2)	VOC	0.29	
BHB-1	Mash Cooker No. 4 (BHB-MC4)	VOC	0.12	
BHB-2	Mash Cooker No. 5 (BHB-MC5)	VOC	0.12	
BHB-3	Mash Cooker No. 6 (BHB-MC6)	VOC	0.12	
BHB-4	Mash Cooker No. 7 (BHB-MC7)	VOC	0.12	
BHB-5	Mash Cooker No. 8 (BHB-MC8)	VOC	0.12	
BHB-6	Lauter Tub No. 3 (BHB-LT3)	VOC	0.54	
BHB-7	Lauter Tub No. 4 (BHB-LT4)	VOC	0.54	
BHB-8	Brew Kettle No. 3 (BHB-BK3)	VOC	1.12	
BHB-9	Brew Kettle No. 4 (BHB-BK4)	VOC	1.12	
BHB-10	Brew Kettle No. 5 (BHB-BK5)	VOC	1.12	
BHB-11	Hot Wort Receiver No. 1 (BHB-HWR1)	VOC	0.06	
BHB-12	Hot Wort Receiver No. 3 (BHB-HWR3)	VOC	0.06	
BHB-13	Hot Wort Receiver No. 4 (BHB-HWR4)	VOC	0.06	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	Emission Rates TPY (2)
BHB-14	Hops Strainer (BHB-HS)	VOC	0.13	
BHB-15	Wort Aerator No. 1 (BHB-WA1)	VOC	0.93	
BHB-16	Wort Aerator No. 2 (BHB-WA2)	VOC	0.93	
BHB-17	Press Effluent Tank (BHB-PET) and Lauter Tub Effluent Tank (BHB-LTET)	VOC	0.04	0.07
BHB-18	Centrifuge Effluent Tank (BHB-CET)	VOC	0.02	0.03
BHB-19	Centrifuge Feed Tank (BHB-CFT)	VOC	0.02	0.03
BHB-25	Wort Aerator No. 3 (BHB-WA3)	VOC	0.93	
BHB-HVAC	Hot Trub Collection Tank No. 1 (BHB-HTC1) and Tank No. 3 (BHB-HTC3)	VOC	0.58	
BHB-FUG	Two Spent Grain Presses (BHB-SGP) and Carbon Filter Regenerator Nos. 11 through 13 (BHB-CFR)	VOC (3)	0.02	
BHA-1, BHA-2, BHX-1, BHB-1, BHB-2, BHB-3, BHB-4, and BHB-5	Mash Cookers (BHA-MC1, BHA-MC2, BHX-MC3, BHB-MC4, BHB-MC5, BHB-MC6, BHB-MC7, and BHB-MC8	VOC		1.86 (10)
BHA-3, BHX-4, BHB-8, BHB-9, and BHB-10	Brew Kettles (BHA-BK1, BHX-BK2, BHB-BK3, BHB-BK4, and BHB-BK-5)	VOC		11.03 (10)

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	Emission Rates TPY (2)
BHX-2, BHX-3, BHB-6, and BHB-7	Lauter Tubs (BHX-LT1, BHX-LT2, BHB-LT3, and BHB-LT4)	VOC		4.26 (10)
BHX-5, BHB-11, BHB-12, and BHB-13	Hot Wort Receivers (BHX-HWR2, BHB-HWR1, BHB-HWR3, and BHB-HWR4)	VOC		0.51 (10)
BHX-6 and BHX-7	Press Feed Tanks (BHX-PFT1 and BHX-PFT2)	VOC		0.03 (10)
BHX-9 and BHB-HVAC	Hot Trub Collection Tanks (BHX-HTC2, BHB-HTC-1, and BHB-HTC3)	VOC		1.71 (10)
BHA-5 and BHB-14	Hops Strainers (BHA-HS and BHB-HS)	VOC		0.51 (10)
BHB-15, BHB-16, and BHB-25	Wort Aerators (BHB-WA1, BHB-WA2, and BHB-WA3)	VOC		5.51 (10)
BHA-FUG and BHB-FUG	Carbon Filter Regenerators Nos. 1 through 13 (BHA-CFR and BHB-CFR); two 50-Barrel Precoat Tanks (BHA-PCT); two 50-Barrel Body Feed Tanks (BHA-BFT); and two Spent Grain Presses (BHB-SGP)	VOC (3) PM/PM_{10} (3)		0.07 (10) 0.02 (10)

STOCKHOUSES
Buildings 4 (No. 1), 4A (No. 2), 4X (No. 3), 4AX (Nos. 4 and 5), 68 (No. 6), 64 (No. 7), 65 (No. 8), 44 (No. 9), 45 (No. 10), and Undesignated (No. 10A)

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY (2)
SH1-1	Two 60-Barrel K-Filters (SH1-KF1 and 2); two 37-Barrel Schoene Beer Balance Tanks (SH1-SBB1); and two 37-Barrel Filter Beer Balance Tanks (SH1-FBB1)	VOC	0.02	<0.01
SH1-2	Two 90-Barrel K-Filters (SH1-KF4 and 5); two 70-Barrel Schoene Beer Balance Tanks (SH1-SBB2); and two 70-Barrel Filter Beer Balance Tanks (SH1-FBB2)	VOC	0.02	<0.01
SH1-FUG	Seven 510-Barrel Clear Beer Tanks (SH1-CBT); five 510-Barrel Blowback Beer Tanks (SH1-BBT); Schoene Beer Receiver No. 1 (SH1-SR1); Schoene Beer Receiver No. 2 (SH1-SR2); Schoene Beer Receiver No. 3 (SH1-SR3); five Chip Washers (SH1-CW); one 3-Barrel Tannin Concentrate Tank (SH1-TCT); one 50-Barrel Tannin Mix Tank (SH1-TMT); and one 37-Barrel Tannin Supply Tank (SH1-TST)	VOC (3) PM/PM_{10} (3)	2.56 0.01	
SH1-3	One 1,240-Barrel Schoene Beer Tank (SH1-ST1); one 410-Barrel Schoene Beer Tank (SH1-ST2); three 610-Barrel Schoene Beer Tanks (SH1-ST3); seventeen 1,220-Barrel Schoene Beer Tanks	VOC	2.37	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	Emission Rates TPY (2)
	(SH1-ST4); thirteen 1,220-Barrel Lager Beer Tanks (SH1-LT1); three 510-Barrel Lager Beer Tanks (SH1-LT2); and twelve 1,220-Barrel Lager Beer Tanks (SH1-LT3)			
SH1-4	Three 610-Barrel Schoene Beer Tanks (SH1-ST5); six 1,220-Barrel Schoene Beer Tanks (SH1-ST6); six 510-Barrel Lager Beer Tanks (SH1-LT4); thirteen 1,220-Barrel Lager Beer Tanks (SH1-LT5); six 410-Barrel Lager Beer Tanks (SH1-LT6); and thirteen 1,220-Barrel Lager Beer Tanks (SH1-LT7)	VOC	1.43	
SH1-5	Carbon Dioxide Regeneration System (Deodorizer, Scrubber and Trap) No. 2 (SH1-CO2)	VOC	0.15	
DESILO-1	Celite or Perlite Storage Silo No. 1 (SH1-DES1)	PM/PM_{10}	0.01	0.06
DESILO-2	Celite or Perlite Storage Silo No. 2 (SH1-DES2)	PM/PM_{10}	0.01	0.06
SH2-1	ACP System (SH2-ACP)	PM/PM_{10}	<0.01	<0.01
SH2-2	Twenty-one 1,240-Barrel Lager Beer Tanks (SH2-LT1); one 1,240-Barrel Lager Beer Tank (SH2-LT2); twenty-one 1,220-Barrel Lager Beer Tanks (SH2-LT3); twenty-one 1,220-Barrel Lager Beer Tanks (SH2-LT4); twenty-one	VOC	2.23	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	Emission Rates TPY (2)
	1,220-Barrel Lager Beer Tanks (SH2-LT5); and one 1,220-Barrel Lager Beer Tank (SH2-LT6)			
SH3-1	K-Filter No. 3 (SH3-KF3); one 110-Barrel Schoene Beer Balance Tank (SH3-SBB); and one 90-Barrel Filter Beer Balance Tank (SH3-FBB)	VOC	<0.01	<0.01
SH3-2	Celite or Perlite Sludge Disposal Rotary Filter (SH3-ROTF)	VOC	0.02	0.03
SH3-FUG	Spent Celite (D.E.) or Perlite Dumpster (SH3-SCD)	VOC (3)	0.02	0.03
SH1-4	Six 1,240-Barrel Schoene Beer Tanks (SH3-ST1); six 1,240-Barrel Schoene Beer Tanks (SH3-ST2); six 1,240-Barrel Schoene Beer Tanks (SH3-ST3); and six 1,240-Barrel Schoene Beer Tanks (SH3-ST4)	VOC	2.08	
SH4-1	Three 2,365-Barrel Alpha Fermentation Tanks (SH4-AFT1) and one 2,344-Barrel Alpha Fermentation Tank (SH4-AFT2)	VOC	0.63	
SH4-2	Spent Celite (D.E.) or Perlite Tank (SH4-SCT)	VOC	0.02	0.03
SH5-1	Six 1,240-Barrel Lager Beer Tanks (SH5-LT1); six 1,240-Barrel Lager Beer Tanks (SH5-LT2); six 1,240-Barrel Lager Beer Tanks (SH5-LT3); and six 1,240-Barrel Lager Beer Tanks (SH5-LT4)	VOC	0.63	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	Emission Rates TPY (2)
SH6-HVAC	Spent Yeast Collection Tank No. 1 (SH6-SYC1); Schoene Sludge Collection Tank No. 1 (SH6-SSC1); twelve 690-Barrel Cold Wort Settling Tanks (SH6-CWS); eight 200-Barrel Yeast Brinks (SH6-YB1); two 50-Barrel Yeast Brinks (SH6-YB2); and one 400-Barrel G Beer Tank (SH6-GBT)	VOC	8.98	17.70
SH6-1	Seven 850-Barrel Schoene Beer Decant Tanks (SH6-SDT); seven 500-Barrel Filtered Beer Tanks (SH6-FBT1); and seven 1,600-Barrel Filtered Beer Tanks (SH6-FBT2)	VOC	1.27	
SH6-2	Seven 850-Barrel Filtered Beer Tanks (SH6-FBT3) and six 850-Barrel Filtered Beer Tanks (SH6-FBT4)	VOC	0.70	
SH6-3	Seven 850-Barrel Filtered Beer Tanks (SH6-FBT5); eight 1,600-Barrel Filtered Beer Tanks (SH6-FBT6); one 850-Barrel Filtered Beer Tank (SH6-FBT7); eight 1,600-Barrel Filtered Beer Tanks (SH6-FBT8); and six 2,000-Barrel Filtered Beer Tanks (SH6-FBT9)	VOC	2.80	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY (2)
SH7-1	Twelve 6,050-Barrel Alpha Fermentation Tanks (SH7-AFT)	VOC	4.85	
SH7-2	Alpha Drop Receiver No. 1 (SH7-ADR1)	VOC	0.56	
SH7-3	Alpha Drop Receiver No. 2 (SH7-ADR2)	VOC	0.56	
SH7-4	Carbon Dioxide Regeneration System (Deodorizer, Scrubber, and Trap) No. 3 (SH7-CO2)	VOC	1.16	
SH8-1	Twenty 3,600-Barrel Lager Beer Tanks (SH8-LT1)	VOC	1.53	
SH8-2	Twenty 3,600-Barrel Lager Beer Tanks (SH8-LT2)	VOC	1.53	
SH8-3	Twenty 3,600-Barrel Lager Beer Tanks (SH8-LT3)	VOC	1.53	
SH8-4	Nineteen 3,600-Barrel Lager Beer Tanks (SH8-LT4)	VOC	1.45	
SH8-5	Six Chip Washers (SH8-CW)	VOC	1.80	
SH8-FUG	Spent Chips Dumpster (SH8-SCD)	VOC (3)	0.01	
SH8-HVAC	Two 1,500-Barrel Kraeusen Holding Tanks (SH8-KHT)	VOC	0.01	0.02
SH9-1	Twelve 4,240-Barrel Alpha Fermentation Tanks (SH9-AFT1); four 2,120-Barrel Alpha Fermentation Tanks (SH9-AFT2); Alpha Drop Receiver No. 1	VOC	5.08	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	Emission Rates TPY (2)
	(SH9-ADR1); and Alpha Drop Receiver No. 2 (SH9-ADR2)			
SH9-2	Carbon Dioxide Regeneration System (Deodorizer, Scrubber, and Trap) (SH9-CO2)	VOC	0.95	
SH10-1	Eight 4,240-Barrel Unitanks (SH10-UT)	VOC	0.72	
SH10A-1	Ten 4,800-Barrel Unitanks (SH10A-UT)	VOC	1.02	
SH1-FUG and SH8-5	Schoene Beer Receivers (SH1-SR1, SH1-SR2, and SH1-SR3); Chip Washers (SH1-CW and SH8-CW); Tannin Concentrate Tank (SH1-TCT); Tannin Mix Tank (SH1-TMT); Tannin Supply Tank (SH1-TST); Clear Beer Tanks (SH1-CBT); and Blowback Beer Tanks (SH1-BBT)	VOC PM/PM_{10}		8.46 (10) 0.02 (10)
SH1-3, SH1-4, SH2-2, SH5-1, SH8-1, SH8-2, SH8-3, SH8-4, SH10-1, and SH10A-1	Schoene Beer Tanks (SH1-ST1, SH1-ST2, SH1-ST3, SH1-ST4, SH1-ST5, SH1-ST6, SH3-ST1, SH3-ST2, SH3-ST3, and SH3-ST4); Lager Beer Tanks (SH1-LT1, SH1-LT2, SH1-LT3, SH1-LT4, SH1-LT5, SH1-LT6, SH1-LT7, SH2-LT1, SH2-LT2, SH2-LT3, SH2-LT4, SH2-LT5, SH2-LT6, SH5-LT1, SH5-LT2, SH5-LT3, SH5-LT4, SH8-LT1, SH8-LT2, SH8-LT3, and SH8-LT4); and Unitanks (SH10-UT and SH10A-UT)	VOC		32.54 (10)

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	Emission Rates TPY (2)
SH1-5, SH7-4, and SH9-2	Carbon Dioxide Regeneration Systems (SH1-CO2, SH7-CO2, and SH9-CO2)	VOC		4.46 (10)
SH4-1, SH7-1, SH7-2, SH7-3, and SH9-1	Alpha Fermentation Tanks (SH4-AFT1, SH4-AFT2, SH7-AFT, SH9-AFT1, and SH9-AFT2) and Alpha Drop Receivers (SH7-ADR1, SH7-ADR2, SH9-ADR1, and SH9-ADR2)	VOC		23.02 (10)
SH6-1, SH6-2, and SH6-3	Filtered Beer Tanks (SH6-FBT1, SH6-FBT2, SH6-FBT3, SH6-FBT4, SH6-FBT5, SH6-FBT6, SH6-FBT7, SH6-FBT8, and SH6-FBT9) and Schoene Decant Tanks (SH6-SDT)	VOC		9.39 (10)
SH8-FUG and RDOCK-FUG3	Spent Chips Dumpsters (SH8-SCD and RDOCK-SCD)	VOC (3)		0.03 (10)
	PACKAGING **Buildings 5, 6,and 66 (Bottle Lines 04 05, 06, 07, and 08; Keg Line 99; Can Lines 63, 64, 65, 66,and 67); and Recycle Dock**			
BPS-FUG04	Filler (BPS-B04F); Pasteurizer (BPS-B04P); three Laser Coders (BPS-B04LC); and Glass Crusher (BPS-B04GC)	VOC (3) PM/PM_{10} (3)	3.69 <0.01	
BPS-FUG05	Filler (BPS-B05F); Pasteurizer (BPS-B05P); three Laser Coders (BPS-B05LC); and Glass Crusher (BPS-B05GC)	VOC (3) PM/PM_{10} (3)	3.70 <0.01	
BPS-FUG99	Keg Washer (BPS-K99W) and Filler (BPS-K99F)	VOC (3)	0.21	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	Emission Rates TPY (2)
BPS-4	Sleeve Removal System (BPS-SRS)	PM/PM_{10} (3)	0.04	0.17
BPS-1	Filler (BPS-B06F) and Pasteurizer (BPS-B06P)	VOC	4.10	
BPS-FUG06	Five Laser Coders (BPS-B06LC) and Packers vented through Dust Collector (BPS-B06TDC)	PM/PM_{10} (3)	0.04	
BPS-FUG07	Filler (BPS-B07F); Pasteurizer (BPS-B07P) and four Laser Coders (BPS-B07LC)	VOC (3) PM/PM_{10} (3)	3.13 <0.01	
BPS-FUG08	Filler (BPS-B08F); Pasteurizer; (BPS-B08P) and three Laser Coders (BPS-B08LC)	VOC (3) PM/PM_{10} (3)	3.13 <0.01	
BPS-FUG63	Filler No. 1 (BPS-C63F1); Filler No. 2 (BPS-C63F2); Pasteurizer (BPS-C63P) and Laser Coder (BPS-C63LC)	VOC (3) PM/PM_{10} (3)	5.00 <0.01	
BPS-FUG64	Filler (BPS-C64F); Pasteurizer (BPS-C64P); two Laser Coders (BPS-C64LC); and Carton Salvage Baler (BPS-C64BCS)	VOC (3) PM/PM_{10} (3)	4.25 0.02	
BPS-FUG65	Filler (BPS-C65F) and Pasteurizer (BPS-C65P)	VOC (3)	5.00	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY (2)
BPS-2	Filler (BPS-C66F) and Pasteurizer (BPS-C66P)	VOC	4.66	
BPS-FUG66	Two Laser Coders (BPS-C66LC) and Carton Salvage Baler (BPS-C66BCS)	PM/PM_{10} (3)	0.01	
BPS-FUG67	Filler (BPS-C67F); Pasteurizer (BPS-C67P); and two Laser Coders (BPS-C67LC)	VOC (3) PM/PM_{10} (3)	4.65 <0.01	
BPS-FUG04, BPS-FUG05, BPS-1, BPS-FUG06, BPS-FUG07, BPS-FUG08, BPS-FUG63, BPS-FUG64, BPS-FUG65, BPS-2, BPS-FUG66, BPS-FUG67, BPS-FUG99, RDOCK-1, BLOCK-BCS, RDOCK-FUD1, and RDOCK-FUG2	Fillers (BPS-B04F, BPS-B05F, BPS-B06F, BPS-B07F, BPS-B08F, BPS-C63F1, BPS-C63F2, BPS-C64F, BPS-C65F, BPS-C66F, and BPS-C67F); Pasteurizers (BPS-B04P, BPS-B05P, BPS-B06P, BPS-B07P, BPS-B08P, BPS-C63P, BPS-C64P, BPS-C65P, BPS-C66P, and BPS-C67P); Laser Coders (BPS-B04LC, BPS-B05LC, BPS-B06LC, BPS-B07LC, BPS-B08LC, BPS-C63LC, BPS-C64LC, BPS-C66LC, and BPS-C67LC); Carton Salvage Baler (BPS-C64BCS, BPS-C66BCS, RDOCK-BCS, and BLOCK-BCS); Glass/Can Crushers (BPS-B04GC, BPS-05GC, RDOCK-GC, and	VOC (3) PM/PM_{10} (3)		89.76 (10) 0.59 (10)

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	AIR CONTAMINANTS DATA Emission Rates lb/hr	TPY (2)
	RDOCK-CC); Packers vented through Dust Collector (BPS-B06TDC); Keg Filler (BPS-99F); and Keg Washer (BPS-99W)			
BPS-FUG04, BPS-FUG05, BPS-FUG06, BPS-FUG07, BPS-FUG08, BPS-FUG63, BPS-FUG64, BPS-FUG65, BPS-FUG66 BPS-FUG67, and BPS-FUG68	15 Ink Coders (BPS-B04 through B08MC and BPS-C63 through C67MC); 25 Videojet Coders (BPS-B06VJ, BPS-K99VJ, and BPS-C63 through C67VJ); 13 Bottle Labelers (BPS-B04 through B08BL); and 22 Case Sealers (BPS-B04 through B08CS and BPS-C63 through C67CS)	VOC (3)	10.21 (10)	22.70 (10)
	BREWERY SUPPORT OPERATIONS			
	UTILITIES			
	General			
GEN-NH_3	Refrigeration System (GEN-NH_3)	NH_3	0.72	3.20
	Building 7 (Powerhouse)			
PWR-1	Boiler No. 1 (PWR-B01)	VOC	0.44 (4)	1.90 (4)
		PM/PM_{10}	1.12 (4)	2.90 (4)
		NO_x	11.44 (4)	36.30 (4)
		CO	6.72 (4)	29.40 (4)
		SO_2	24.32 (4)	9.00 (4)
PWR-2	Boiler No. 2 (PWR-B02)	VOC	0.44 (4)	1.90 (4)
		PM/PM_{10}	1.12 (4)	2.90 (4)
		NO_x	11.44 (4)	36.30 (4)
		CO	6.72 (4)	29.40 (4)
		SO_2	24.32 (4)	9.00 (4)

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	Emission Rates TPY (2)
PWR-3	Boiler No. 3 (PWR-B03)	VOC	0.44 (5)	1.90 (5)
		PM/PM_{10}	1.12 (5)	2.90 (5)
		NO_x	2.96 (5)	12.96 (5)
		CO	6.72 (5)	29.40 (5)
		SO_2	24.32 (5)	9.00 (5)
		HF	0.58	---
		HCl	0.69	---
		SiO_2	0.62	2.73
PWR-4	Boiler No. 4 (PWR-B04)	VOC	0.55 (6)	2.40 (6)
		PM/PM_{10}	2.28 (6)	4.70 (6)
		NO_x	3.69 (6)	16.16 (6)
		CO	8.37 (6)	36.70 (6)
		SO_2	49.10 (6)	76.60 (6)
		HF	0.72	---
		HCl	0.87	---
		SiO_2	0.78	3.41
PWR-5	Boiler No. 5 (PWR-B05)	VOC	0.55 (6)	2.40 (6)
		PM/PM_{10}	2.28 (6)	4.70 (6)
		NO_x	3.69 (6)	16.16 (6)
		CO	8.37 (6)	36.70 (6)
		SO_2	49.10 (6)	76.60 (6)
		HF	0.72	---
		HCl	0.87	---
		SiO_2	0.78	3.41
PWR-6	Boiler No. 6 (PWR-B06)	VOC	0.55 (7)	2.40 (7)
		PM/PM_{10}	1.40 (7)	4.10 (7)
		NO_x	3.69 (7)	16.16 (7)

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	Emission Rates TPY (2)
		CO	8.37 (7)	36.70 (7)
		SO_2	30.31 (7)	39.80 (7)
		HF 0.72	---	
		HCl 0.87	---	
		SiO_2 0.78	3.41	
PWR-3, 4, 5, and 6	Boiler Nos. 3, 4, 5, and 6	HF	---	4.76
		HCl	---	5.7
		SiO_2 ---	5.13	
		Near Building 9A		
TRACK-01	Trackmobile Diesel Storage Tank (TRACK-DST)	VOC	<0.01	<0.01
		RECYCLING		
		Between Building Nos. 4A and 6 (Recycle Dock)		
RDOCK-FUG1	Glass Crusher (RDOCK-GC)	VOC (3)	0.59	
RDOCK-FUG2	Can Crusher (RDOCK-CC)	VOC (3)	0.87	
RDOCK-FUG3	Spent Chips Dumpster (RDOCK-SCD)	VOC (3)	0.01	
RDOCK-1	Carton Salvage Baler (RDOCK-BCS)	PM/PM_{10}	0.05	
		Blockhouse		
BLOCK-BCS	Carton Salvage Baler (BLOCK-BCS)	PM/PM_{10}	0.01	
		MAINTENANCE		
		General		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	AIR CONTAMINANTS DATA Emission Rates lb/hr	TPY (2)
BREW-FUG	Fumigation (BREW-FUG)	VOC (3)(8)	0.30	1.29
		PH_3 (3)	<0.01	0.01
PHOS-RC	Railcar Fumigation (PHOS-RC)	PH_3	0.02	0.08
		Building 6		
BPS-FUGPW1	5-Gallon Parts Washer (BPS-PW1)	VOC (3)	0.05	0.02
BPS-FUGPW2	5-Gallon Parts Washer (BPS-PW2)	VOC (3)	0.05	0.02
BPS-FUGPW3	17-Gallon Parts Washer (BPS-PW3)	VOC (3)	0.05	0.06
		Building 7		
PWR-FUG	Parts Washer (PWR-PW)	VOC (3)	0.05	0.23
		Building 9		
PAINT-FUG2	Paint Booth (PAINT-PSB)	VOC	4.72	0.27
		PM/PM_{10}	<0.01	<0.01
PAINT-FUG3	Paint Still (PAINT-STL)	VOC (3)	<0.01	0.02
		Near Building 10		
YARD-01	Carpenter Shop (YARD-CSDC)	PM/PM_{10}	0.77	0.80
		Building 66		
FORK-FUG	Parts Washer (FORK-PW)	VOC (3)	0.05	0.23

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No.	Source Name and No. (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	Emission Rates TPY (2)
		Building 77		
BRM-FUG	67-Gallon Parts Washer (BRM-PW)	VOC (3)	0.05	0.23
		SAFETY **Near Building 10**		
FIRE-01	Fire Water Pump (Engine) (FIRE-WP)	VOC	0.78	0.20
		PM/PM_{10}	0.68	0.17
		NO_x	9.61	2.40
		CO	2.07	0.52
		SO_2	0.64	0.16
FIRE-02	Fire Water Pump Diesel Storage Tank (FIRE-DST)	VOC	<0.01	<0.01
		WASTE TREATMENT		
WWT-FUG1	Wastewater Station No. 1 (WWT-WS1)	VOC (3)	0.02	0.07
WWT-FUG2	Wastewater Collection Pit (WWT-WCP)	VOC (3)	0.02	0.11

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

WWT-FUG	Wastewater Collection Fugitives (WWT-WCF)	VOC (3)	0.33	1.43
BERS-1	Flare (BERS-FL)	CO	39.60	96.30 (9)
		H_2S	0.64	0.42
		NO_x	4.60	11.20 (9)
		SO_2	60.60	36.90 (9)
BERS-2	Biofilter (BERS-BIO)	H_2S (3)	1.50	2.24
BERS-3	Bio-Energy Recovery System Fugitives (BERS-FUG)	H_2S (3)	<0.01	0.01

(1) PM - particulate matter, suspended in the atmosphere, including PM_{10}
PM_{10} - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
NH_3 - ammonia
NO_x - oxides of nitrogen
CO - carbon monoxide
SO_2 - sulfur dioxide
HF - hydrogen fluoride
HCl - hydrogen chloride
SiO_2 - silica dioxide
PH_3 - phosphine
H_2S - hydrogen sulfide

(2) Rate is for a rolling 12 consecutive months.
(3) Fugitive emissions.
(4) Worstecase emission rates when burning natural gas or natural gas and fuel oil.
(5) Worst-case emission rates when burning any combination of natural gas, natural gas and fuel oil, and landfill gas.
(6) Worst-case emission rates when burning any combination of natural gas, fuel oil, landfill gas, and bio-gas (no bio-gas to flare).
(7) Worst-case emission rates when burning any combination of natural gas, natural gas and fuel oil, and landfill gas.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(8) Methyl bromide.
(9) Emission rates when burning full capacity of bio-gas (when bio-gas fuels the boilers, there are no emissions from the flare).
(10) Rate is for aggregate of emission points in this grouping.

Dated October 31, 2007