



2023 CONTAMINANT SUMMARY REPORT

September 19, 2024

4:19 pm

CN : CN603482811

Organization : ASCEND PERFORMANCE MATERIALS OPERATIONS LLC

RN : RN100238682

Account : BL0038U

Site : ASCEND PERFORMANCE

Last EI Date : 12/31/2023

MATERIALS CHOCOLATE BAYOU
PLANT

CRITERIA EMISSIONS TOTALS

Pollutant Class	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
PM2.5	26.9666	147.7621	0.0000	0.0000	0.0000
VOC	83.7603	458.9546	0.0000	0.2143	0.2143
CO	104.0081	569.9070	0.0000	1.4408	1.4408
NOX	271.9655	1490.2218	0.0000	0.0000	0.0000
SO2	2.6465	14.5014	0.0000	0.0000	0.0000
PM10	28.5632	156.5107	0.0000	0.0000	0.0000

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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
10000	PART-U	30.1627	165.2750	0.0000	0.0000	0.0000
11000	PART - CHEMICAL-U	0.5672	3.1080	0.0000	0.0000	0.0000
11050	URETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
11100	AMMONIUM COMPOUNDS-U	0.0000	0.0000	0.0000	0.0000	0.0000
11115	AMMONIUM SULFATE NH42S04	0.0000	0.0000	0.0000	0.0000	0.0000
11160	HYDROCHLORIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
11170	PHOSPHORIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
11175	SULFURIC ACID	0.2004	1.0981	0.0000	0.0000	0.0000
14305	FERRIC SULFATE	0.0000	0.0000	0.0000	0.0000	0.0000
14600	SILICON-SI	0.0000	0.0000	0.0000	0.0000	0.0000
14630	SODIUM HYDROXIDE, NAOH	0.0000	0.0000	0.0000	0.0000	0.0000
14631	SODIUM NITRITE	0.0000	0.0000	0.0000	0.0000	0.0000
15000	ORGANO METAL - U	0.0000	0.0000	0.0000	0.0000	0.0000
20000	PM10 PART-U	27.9960	153.4027	0.0000	0.0000	0.0000
21000	PM10 PART - CHEMICAL-U	0.5672	3.1080	0.0000	0.0000	0.0000
21160	PM10 HYDROCHLORIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
21175	PM10 SULFURIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
24630	PM10 SODIUM HYDROXIDE, NAOH	0.0000	0.0000	0.0000	0.0000	0.0000
24631	PM10 SODIUM NITRITE	0.0000	0.0000	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	26.9666	147.7621	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	23.2940	127.6363	0.0000	0.0078	0.0078
51120	ACETIC ACID	0.1177	0.6450	0.0000	0.0002	0.0002
51122	NITRILOTRIACETIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
51140	ACRYLIC ACID	0.2435	1.3343	0.0000	0.0000	0.0000
51405	BENZYL ALCOHOL	0.0147	0.0805	0.0000	0.0000	0.0000
51430	2- BUTOXYETHANOL	0.0158	0.0866	0.0000	0.0000	0.0000
51440	N-BUTYL ALCOHOL	0.0021	0.0115	0.0000	0.0000	0.0000
51460	ETHANOL	0.1435	0.7863	0.0000	0.0000	0.0000



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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
51465	FURFURYL ALCOHOL	0.0000	0.0000	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0003	0.0015	0.0000	0.0000	0.0000
51472	PROPYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
51478	METHOXY-2-ACETOXYPROPANE, 1-	0.0142	0.0778	0.0000	0.0000	0.0000
51510	ISOPROPANOL	0.0128	0.0701	0.0000	0.0000	0.0000
51530	METHANOL	2.7973	15.3276	0.0000	0.0066	0.0066
51549	PHENOLS-U	0.0000	0.0000	0.0000	0.0000	0.0000
51550	PHENOL	0.0016	0.0087	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
51640	ACROLEIN	0.1163	0.6372	0.0000	0.0002	0.0002
51680	FORMALDEHYDE	1.2577	6.8914	0.0000	0.0001	0.0001
52002	DIPHENYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52200	AMINES-U	0.0000	0.0000	0.0000	0.0000	0.0000
52265	AROMATIC PETROLEUM DISTILLATE HEAVY	0.0394	0.2159	0.0000	0.0000	0.0000
52290	ETHYLENE DIAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52299	MORPHOLINE	0.0000	0.0000	0.0000	0.0000	0.0000
52416	TRIMETHYL BENZENE, 1,2,4-	0.0009	0.0049	0.0000	0.0000	0.0000
52420	BENZENE	0.1478	0.8096	0.0000	0.0001	0.0001
52428	TRIMETHYL BENZENE	0.0004	0.0022	0.0000	0.0000	0.0000
52440	CUMENE	0.0002	0.0011	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.1029	0.5638	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0042	0.0230	0.0000	0.0000	0.0000
52471	ETHYL 3-ETHYOXYPROPRIONATE	0.0026	0.0142	0.0000	0.0000	0.0000
52475	BIPHENYL	0.0000	0.0000	0.0000	0.0000	0.0000
52480	STYRENE	0.0002	0.0010	0.0000	0.0000	0.0000
52490	TOLUENE	0.0664	0.3637	0.0000	0.0000	0.0000
52510	XYLENE-U	0.5731	3.1403	0.0000	0.0000	0.0000
52640	BUTYL ACETATE	0.0092	0.0504	0.0000	0.0000	0.0000
52642	TERT-BUTYL ACETATE	0.0124	0.0679	0.0000	0.0000	0.0000
52784	METHYL FORMATE	0.0005	0.0027	0.0000	0.0000	0.0000
52805	N-BUTYL GLYCIDAL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52821	BUTYL CARBITOL	0.0020	0.0110	0.0000	0.0000	0.0000
52834	PROPYLENE GLYCOL MONOMETHYL ETHER	0.0050	0.0274	0.0000	0.0000	0.0000
52878	METHYL TERT-BUTYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52930	DIMETHOXYMETHANE	0.0004	0.0022	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53299	PARACHLORO BENZOTRIFLUORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
54020	ACETONE	0.0100	0.0548	0.0000	0.0000	0.0000



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54040	CYCLOHEXANONE	0.0038	0.0208	0.0000	0.0000	0.0000
54065	METHYL ETHYL KETONE	1.3059	7.1556	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.1947	1.0668	0.0000	0.0000	0.0000
54072	HEPTANONE 2	0.0131	0.0718	0.0000	0.0000	0.0000
54295	HYDROQUINONE	0.0000	0.0000	0.0000	0.0000	0.0000
55000	OLEFINS-U	0.0001	0.0005	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0000	0.0000	0.0000	0.0000	0.0000
55300	ETHYLENE	0.3190	1.7479	0.0000	0.0000	0.0000
55450	ISOPRENE	0.0000	0.0000	0.0000	0.0000	0.0000
55600	PROPYLENE	14.6480	80.2625	0.0000	0.0486	0.0486
56000	PARAFFINS-U	0.0001	0.0005	0.0000	0.0000	0.0000
56050	CYCLOHEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56100	CYCLOPENTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56550	ETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56700	ISO PENTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56730	N-HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56775	PROPANE	12.3861	67.8690	0.0000	0.1083	0.1083
58206	NITRILES	0.0381	0.2087	0.0000	0.0012	0.0012
58210	ACETONITRILE	4.5520	24.9421	0.0000	0.0345	0.0345
58211	SUCCINONITRILE	0.0068	0.0373	0.0000	0.0001	0.0001
58213	ACRYLONITRILE	20.0658	109.9482	0.0000	0.0064	0.0064
58240	HYDROGEN CYANIDE GAS	4.9900	27.3410	0.0000	0.0298	0.0298
58241	CYANIDE AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
58242	DIPHENYLMETHANE-4, 4- DIISOCYANATE	0.0000	0.0000	0.0000	0.0000	0.0000
58250	METHACRYLONITRILE	0.0000	0.0000	0.0000	0.0000	0.0000
58300	PYRIDINE	0.0000	0.0000	0.0000	0.0000	0.0000
58379	ACRYLAMIDE	0.0000	0.0000	0.0000	0.0001	0.0001
58380	VINYL CYANIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58998	ALIPHATIC PETROLEUM DISTILLATE	0.0036	0.0197	0.0000	0.0000	0.0000
58999	AROMATIC PETROLEUM DISTILLATE LIGHT	0.0784	0.4296	0.0000	0.0000	0.0000
59001	CRUDE OIL	0.0000	0.0000	0.0000	0.0000	0.0000
59002	DISTILLATE	0.0000	0.0000	0.0000	0.0000	0.0000
59003	GASOLINE	1.1496	6.2992	0.0000	0.0000	0.0000
59007	LUBRICATING OIL	0.0008	0.0040	0.0000	0.0000	0.0000
59010	ALKYLATE	0.0001	0.0005	0.0000	0.0000	0.0000
59150	DIESEL	0.0029	0.0159	0.0000	0.0001	0.0001
59275	MINERAL SPIRITS	0.0006	0.0033	0.0000	0.0000	0.0000



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59300	NAPHTHA	0.0000	0.0000	0.0000	0.0000	0.0000
59305	NAPHTHA, PETROLEUM, HYDRO TREAT LT	0.0000	0.0000	0.0000	0.0000	0.0000
59360	STODDARD SOLVENT	0.0034	0.0186	0.0000	0.0000	0.0000
59866	PHENANTHRENE	0.0000	0.0000	0.0000	0.0000	0.0000
59868	TERGITAL	0.0000	0.0000	0.0000	0.0000	0.0000
59869	NONYLPHENOXYPOLYETHYLENEOXY ETHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
59871	VM AND P NAPHTHA	0.0012	0.0066	0.0000	0.0000	0.0000
70050	AMMONIA	10.0408	55.0178	0.0000	0.0449	0.0449
70052	ARGON	0.0035	0.0192	0.0000	0.0000	0.0000
70110	CHLORINE	0.0000	0.0000	0.0000	0.0025	0.0025
70200	HYDROGEN CHLORIDE	0.0240	0.1315	0.0000	4.2575	4.2575
70400	NITROGEN OXIDES	271.9655	1490.2218	0.0000	0.0000	0.0000
70485	SODIUM HYDROXIDE-GAS	0.0085	0.0465	0.0000	0.0000	0.0000
70490	SODIUM HYPOCHLORITE	0.0000	0.0000	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	2.6465	14.5014	0.0000	0.0000	0.0000
70511	SULFUR DIOXIDE LIQUID	0.0000	0.0000	0.0000	0.0000	0.0000
70516	SULFURIC ACID VAPOR	0.3944	2.1610	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	104.0081	569.9070	0.0000	1.4408	1.4408



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HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
11050	URETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
11160	HYDROCHLORIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
21160	PM10 HYDROCHLORIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
51140	ACRYLIC ACID	0.2435	1.3343	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0003	0.0015	0.0000	0.0000	0.0000
51530	METHANOL	2.7973	15.3276	0.0000	0.0066	0.0066
51550	PHENOL	0.0016	0.0087	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
51640	ACROLEIN	0.1163	0.6372	0.0000	0.0002	0.0002
51680	FORMALDEHYDE	1.2577	6.8914	0.0000	0.0001	0.0001
52420	BENZENE	0.1478	0.8096	0.0000	0.0001	0.0001
52440	CUMENE	0.0002	0.0011	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.1029	0.5638	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0042	0.0230	0.0000	0.0000	0.0000
52475	BIPHENYL	0.0000	0.0000	0.0000	0.0000	0.0000
52480	STYRENE	0.0002	0.0010	0.0000	0.0000	0.0000
52490	TOLUENE	0.0664	0.3637	0.0000	0.0000	0.0000
52510	XYLENE-U	0.5731	3.1403	0.0000	0.0000	0.0000
52821	BUTYL CARBITOL	0.0020	0.0110	0.0000	0.0000	0.0000
52878	METHYL TERT-BUTYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.1947	1.0668	0.0000	0.0000	0.0000
54295	HYDROQUINONE	0.0000	0.0000	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0000	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56730	N-HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
58210	ACETONITRILE	4.5520	24.9421	0.0000	0.0345	0.0345
58213	ACRYLONITRILE	20.0658	109.9482	0.0000	0.0064	0.0064
58240	HYDROGEN CYANIDE GAS	4.9900	27.3410	0.0000	0.0298	0.0298
58241	CYANIDE AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
58242	DIPHENYLMETHANE-4, 4- DIISOCYANATE	0.0000	0.0000	0.0000	0.0000	0.0000
58379	ACRYLAMIDE	0.0000	0.0000	0.0000	0.0001	0.0001
58380	VINYL CYANIDE	0.0000	0.0000	0.0000	0.0000	0.0000
59866	PHENANTHRENE	0.0000	0.0000	0.0000	0.0000	0.0000
70110	CHLORINE	0.0000	0.0000	0.0000	0.0025	0.0025
70200	HYDROGEN CHLORIDE	0.0240	0.1315	0.0000	4.2575	4.2575
Total		35.1400	192.5438	0.0000	4.3378	4.3378