



2023 CONTAMINANT SUMMARY REPORT

August 12, 2024

2:56 pm

CN : CN600131338

Organization : SOUTHWEST RESEARCH INSTITUTE

RN : RN100222983

Account : BG0346K

Site : SOUTHWEST RESEARCH
INSTITUTE

Last EI Date : 12/31/2023

CRITERIA EMISSIONS TOTALS

Pollutant Class	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
PM2.5	3.0479	25.0095	0.0000	0.0000	0.0000
VOC	58.6910	415.8771	0.0000	0.0001	0.0001
CO	70.0845	352.5056	0.0000	0.0066	0.0066
NOX	126.2834	671.3275	0.0000	0.0001	0.0001
SO2	6.8578	40.1482	0.0000	0.0001	0.0001
PB	0.0003	0.0014	0.0000	0.0000	0.0000
PM10	3.0479	25.0095	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	3.0479	25.0095	0.0001	0.0001	0.0002
11165	NITRIC ACID	0.1802	1.3400	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0003	0.0014	0.0000	0.0000	0.0000
20000	PM10 PART-U	3.0479	25.0095	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	3.0479	25.0095	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	24.1838	147.5721	0.0000	0.0001	0.0001
51530	METHANOL	0.0059	0.0194	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.0393	0.1831	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.1348	0.5510	0.0000	0.0000	0.0000
51820	ACETYLENE	0.0995	0.6573	0.0000	0.0000	0.0000
52420	BENZENE	0.2132	1.7591	0.0000	0.0000	0.0000
52428	TRIMETHYL BENZENE	0.0072	0.0477	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0470	0.0954	0.0000	0.0000	0.0000
52490	TOLUENE	0.7254	6.1127	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.0192	0.1267	0.0000	0.0000	0.0000
52516	PARA-XYLENE	0.0589	0.3712	0.0000	0.0000	0.0000
52815	METHYL TERT BUTYL ETHER	3.2534	31.8017	0.0000	0.0000	0.0000
52878	METHYL TERT-BUTYL ETHER	1.2088	6.9709	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	2.5747	33.3524	0.0000	0.0000	0.0000
54020	ACETONE	0.2089	2.7920	0.0000	0.0000	0.0000
55000	OLEFINS-U	0.1150	0.2693	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0153	0.0986	0.0000	0.0000	0.0000
55177	CIS-2-BUTENE	0.2147	2.0325	0.0000	0.0000	0.0000
55179	TRANS-2-BUTENE	0.0000	0.0000	0.0000	0.0000	0.0000
55300	ETHYLENE	0.1222	0.8078	0.0000	0.0000	0.0000
55400	ISOBUTYLENE	0.0120	0.0792	0.0000	0.0000	0.0000
55475	BUTENE 2-METHYL-2	0.5058	4.7868	0.0000	0.0000	0.0000
55476	BUTENE 2-METHYL-1	0.3011	2.8493	0.0000	0.0000	0.0000



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55477	BUTENE 3-METHYL-1	0.1004	0.9498	0.0000	0.0000	0.0000
55525	PENTENE 1	0.2888	2.0990	0.0000	0.0000	0.0000
55526	PENTENE 2	0.4616	4.3689	0.0000	0.0000	0.0000
55528	TRANS-2-PENTENE	0.0180	0.1188	0.0000	0.0000	0.0000
55600	PROPYLENE	0.1181	0.6739	0.0000	0.0000	0.0000
56000	PARAFFINS-U	0.0407	0.7603	0.0000	0.0000	0.0000
56100	CYCLOPENTANE	0.1224	0.6078	0.0000	0.0000	0.0000
56150	METHYLCYCLOHEXANE	0.0903	0.8548	0.0000	0.0000	0.0000
56200	METHYLCYCLOPENTANE	0.3450	3.0831	0.0000	0.0000	0.0000
56526	DIMETHYL BUTANE 2,2	0.1164	1.1017	0.0000	0.0000	0.0000
56527	NEOPENTANE	6.3563	55.4855	0.0000	0.0000	0.0000
56528	ISOHEXANE AKA 2-METHYLPENTANE	1.2429	11.1204	0.0000	0.0000	0.0000
56575	HEPTANE	1.5565	4.0273	0.0000	0.0000	0.0000
56590	HEXENE	0.0192	0.1267	0.0000	0.0000	0.0000
56601	METHYL PENTANE 3	0.6354	5.9721	0.0000	0.0000	0.0000
56605	TRIMETHYLPENTANE,2,3,4-	0.1826	1.7286	0.0000	0.0000	0.0000
56608	DIMETHYL PENTANE, 2,4-	0.1244	1.1770	0.0000	0.0000	0.0000
56610	2,2,4-TRIMETHYLPENTANE	0.6029	2.1856	0.0000	0.0000	0.0000
56625	ISOBUTANE	0.2171	2.0135	0.0000	0.0000	0.0000
56650	ISOHEPTANE	0.2308	9.8964	0.0000	0.0000	0.0000
56651	METHYLHEXANE, 3-	0.2308	2.1844	0.0000	0.0000	0.0000
56683	UNDECANE	0.0168	0.1109	0.0000	0.0000	0.0000
56700	ISO PENTANE	0.0443	0.2930	0.0000	0.0000	0.0000
56725	N BUTANE	1.2247	10.6159	0.0000	0.0000	0.0000
56730	N-HEXANE	1.3596	12.1738	0.0000	0.0000	0.0000
56752	N-PENTANE	1.4817	13.2992	0.0000	0.0000	0.0000
56775	PROPANE	3.5157	14.6529	0.0000	0.0000	0.0000
58210	ACETONITRILE	0.1247	0.7247	0.0000	0.0000	0.0000
59003	GASOLINE	5.9260	44.1832	0.0000	0.0000	0.0000
59004	JET FUEL	0.0000	0.0000	0.0000	0.0000	0.0000
59150	DIESEL	0.5976	2.0084	0.0000	0.0000	0.0000
59360	STODDARD SOLVENT	0.0168	0.0877	0.0000	0.0000	0.0000
70175	HYDROGEN BROMIDE, HBR	0.0070	0.0400	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	0.2002	1.4443	0.0000	0.0000	0.0000
70300	HYDROGEN SULFIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	126.2834	671.3275	0.0000	0.0001	0.0001
70510	SULFUR DIOXIDE	6.8578	40.1482	0.0000	0.0001	0.0001
90300	CARBON MONOXIDE	70.0845	352.5056	0.0000	0.0066	0.0066



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51530	METHANOL	0.0059	0.0194	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.0393	0.1831	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.1348	0.5510	0.0000	0.0000	0.0000
52420	BENZENE	0.2132	1.7591	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0470	0.0954	0.0000	0.0000	0.0000
52490	TOLUENE	0.7254	6.1127	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.0192	0.1267	0.0000	0.0000	0.0000
52516	PARA-XYLENE	0.0589	0.3712	0.0000	0.0000	0.0000
52815	METHYL TERT BUTYL ETHER	3.2534	31.8017	0.0000	0.0000	0.0000
52878	METHYL TERT-BUTYL ETHER	1.2088	6.9709	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	2.5747	33.3524	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0153	0.0986	0.0000	0.0000	0.0000
56610	2,2,4-TRIMETHYLPENTANE	0.6029	2.1856	0.0000	0.0000	0.0000
56730	N-HEXANE	1.3596	12.1738	0.0000	0.0000	0.0000
58210	ACETONITRILE	0.1247	0.7247	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	0.2002	1.4443	0.0000	0.0000	0.0000
Total		10.5836	97.9720	0.0000	0.0000	0.0000