



# 2023 CONTAMINANT SUMMARY REPORT

August 26, 2024

3:37 pm

**CN :** CN603166885

**Organization :** LAZARUS ENERGY LLC

**RN :** RN105094031

**Account :** WLA003C

**Site :** NIXON REFINERY

**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	0.4576	2.4914	0.0000	0.0000	0.0000
VOC	27.3908	150.0997	5.7021	0.0000	5.7021
CO	10.4951	57.5072	0.0871	0.0000	0.0871
NOX	9.0820	49.7641	0.0122	0.0000	0.0122
SO2	0.4290	2.3514	0.0009	0.0000	0.0009
PB	0.0000	0.0000	0.0000	0.0000	0.0000
PM10	0.4576	2.4914	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	0.4576	2.4914	0.0000	0.0000	0.0000
20000	PM10 PART-U	0.4576	2.4914	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	0.4576	2.4914	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	0.0001	0.0006	0.1057	0.0000	0.1057
51620	ACETALDEHYDE	0.0000	0.0001	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0000	0.0002	0.0000	0.0000	0.0000
52416	TRIMETHYL BENZENE, 1,2,4-	0.0522	0.2858	0.0102	0.0000	0.0102
52420	BENZENE	0.0391	0.2148	0.0083	0.0000	0.0083
52440	CUMENE	0.0001	0.0006	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0244	0.1444	0.0057	0.0000	0.0057
52460	NAPHTHALENE	0.0254	0.1398	0.0038	0.0000	0.0038
52475	BIPHENYL	0.0043	0.0236	0.0001	0.0000	0.0001
52490	TOLUENE	0.1253	0.7023	0.0332	0.0000	0.0332
52510	XYLENE-U	0.1061	0.5820	0.0217	0.0000	0.0217
52512	META-XYLENE	0.0296	0.1624	0.0083	0.0000	0.0083
52514	ORTHO-XYLENE	0.0296	0.1624	0.0083	0.0000	0.0083
52516	PARA-XYLENE	0.0951	0.5211	0.0266	0.0000	0.0266
55150	1,3- BUTADIENE	0.0000	0.0000	0.0000	0.0000	0.0000
55600	PROPYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
56050	CYCLOHEXANE	0.0719	0.3941	0.0200	0.0000	0.0200
56550	ETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
56625	ISOBUTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56725	N BUTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56730	N-HEXANE	0.4190	2.2954	0.1058	0.0000	0.1058
56775	PROPANE	0.0254	0.1394	0.0000	0.0000	0.0000
59001	CRUDE OIL	12.0941	66.2686	2.5909	0.0000	2.5909
59003	GASOLINE	3.3735	18.4848	0.0000	0.0000	0.0000
59004	JET FUEL	0.0000	0.0000	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)
59005	KEROSENE	0.1853	1.0154	0.0056	0.0000	0.0056
59150	DIESEL	0.3028	1.6591	0.0000	0.0000	0.0000
59230	RESIDUAL FUEL OIL	0.0226	0.1235	0.0000	0.0000	0.0000
59300	NAPHTHA	10.0401	55.0145	2.7479	0.0000	2.7479
59375	PROCESS FUEL GAS	0.3248	1.7648	0.0000	0.0000	0.0000
60000	METHANE	0.0000	0.0000	0.0000	0.0000	0.0000
70300	HYDROGEN SULFIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	9.0820	49.7641	0.0122	0.0000	0.0122
70510	SULFUR DIOXIDE	0.4290	2.3514	0.0009	0.0000	0.0009
90300	CARBON MONOXIDE	10.4951	57.5072	0.0871	0.0000	0.0871

## HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
51620	ACETALDEHYDE	0.0000	0.0001	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0000	0.0002	0.0000	0.0000	0.0000
52420	BENZENE	0.0391	0.2148	0.0083	0.0000	0.0083
52440	CUMENE	0.0001	0.0006	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0244	0.1444	0.0057	0.0000	0.0057
52460	NAPHTHALENE	0.0254	0.1398	0.0038	0.0000	0.0038
52475	BIPHENYL	0.0043	0.0236	0.0001	0.0000	0.0001
52490	TOLUENE	0.1253	0.7023	0.0332	0.0000	0.0332
52510	XYLENE-U	0.1061	0.5820	0.0217	0.0000	0.0217
52512	META-XYLENE	0.0296	0.1624	0.0083	0.0000	0.0083
52514	ORTHO-XYLENE	0.0296	0.1624	0.0083	0.0000	0.0083
52516	PARA-XYLENE	0.0951	0.5211	0.0266	0.0000	0.0266
55150	1,3- BUTADIENE	0.0000	0.0000	0.0000	0.0000	0.0000
56730	N-HEXANE	0.4190	2.2954	0.1058	0.0000	0.1058
Total		0.8980	4.9491	0.2218	0.0000	0.2218