



2023 CONTAMINANT SUMMARY REPORT

May 24, 2024

5:51 pm

CN : CN600135354

Organization : SOUTHWEST SHIPYARD LP

RN : RN100248749

Account : HG0686T

Site : BARGE CLEANING AND REPAIR

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	0.5858	2.8329	0.0000	0.0000	0.0000
VOC	29.5340	134.4875	0.0000	0.0000	0.0000
CO	9.7580	51.5210	0.0000	0.0000	0.0000
NOX	5.1634	23.0348	0.0000	0.0000	0.0000
SO2	0.0804	0.3845	0.0000	0.0000	0.0000
PB	0.0001	0.0006	0.0000	0.0000	0.0000
PM10	0.6087	2.9566	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	0.8671	4.5954	0.0000	0.0000	0.0000
11100	AMMONIUM COMPOUNDS-U	0.0000	0.0000	0.0000	0.0000	0.0000
11160	HYDROCHLORIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
11175	SULFURIC ACID	0.0009	0.0086	0.0000	0.0000	0.0000
13230	SOYBEAN OIL	0.0000	0.0000	0.0000	0.0000	0.0000
14010	ALUMINUM - AL	0.0021	0.0002	0.0000	0.0000	0.0000
14014	ALUMINUM HYDROXIDE -ALOH3	0.0001	0.0003	0.0000	0.0000	0.0000
14016	ALUMINM OXIDE -AL2O3	0.0005	0.0056	0.0000	0.0000	0.0000
14030	ARSENIC - AS	0.0000	0.0000	0.0000	0.0000	0.0000
14040	ASBESTOS-U	0.0000	0.0000	0.0000	0.0000	0.0000
14045	TREMOLITE	0.0000	0.0000	0.0000	0.0000	0.0000
14052	BARITE - BAS04	0.0122	0.0485	0.0000	0.0000	0.0000
14123	CALCIUM CARBONATE-CACO3	0.0055	0.0234	0.0000	0.0000	0.0000
14126	CALCIUM OXIDE-CAO	0.0000	0.0000	0.0000	0.0000	0.0000
14128	CALCIUM SULFATE CASO4-2H2O	0.0000	0.0000	0.0000	0.0000	0.0000
14142	CARBON BLACK	0.0003	0.0025	0.0000	0.0000	0.0000
14149	CEMENT PORTLAND	0.0011	0.0029	0.0000	0.0000	0.0000
14160	CHROMIUM-CR	0.0000	0.0000	0.0000	0.0000	0.0000
14306	IRON 2 OXIDE - FEO	0.0000	0.0000	0.0000	0.0000	0.0000
14309	KAOLIN	0.0002	0.0000	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0001	0.0006	0.0000	0.0000	0.0000
14344	MAGNESIUM OXIDE-MGO	0.0000	0.0000	0.0000	0.0000	0.0000
14350	MANGANESE-MN	0.0000	0.0000	0.0000	0.0000	0.0000
14370	MICA	0.0012	0.0072	0.0000	0.0000	0.0000
14390	NICKEL-NI	0.0000	0.0000	0.0000	0.0000	0.0000
14637	SODIUM SULFIDE	0.0008	0.0105	0.0000	0.0000	0.0000
14660	SULFUR-S	0.0000	0.0000	0.0000	0.0000	0.0000
14670	TALC	0.0212	0.0945	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)
14735	TITANIUM DIOXIDE	0.0367	0.2267	0.0000	0.0000	0.0000
14780	ZINC-ZN	0.0040	0.0086	0.0000	0.0000	0.0000
14784	ZINC OXIDE-ZNO	0.0000	0.0000	0.0000	0.0000	0.0000
14785	ZINC COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
20000	PM10 PART-U	0.5759	2.7790	0.0000	0.0000	0.0000
24010	PM10 ALUMINUM - AL	0.0009	0.0000	0.0000	0.0000	0.0000
24014	PM10 ALUMINM HYDRXID-ALOH3	0.0000	0.0002	0.0000	0.0000	0.0000
24016	PM10 ALUMINM OXIDE- AL2O3	0.0001	0.0007	0.0000	0.0000	0.0000
24030	PM10 ARSENIC - AS	0.0000	0.0000	0.0000	0.0000	0.0000
24045	PM10 TREMOLITE	0.0000	0.0000	0.0000	0.0000	0.0000
24052	PM10 BARITE - BASO4	0.0048	0.0212	0.0000	0.0000	0.0000
24123	PM10 CALCIUM CARBONATE-CACO3	0.0023	0.0076	0.0000	0.0000	0.0000
24126	PM10 CALCIUM OXIDE-CAO	0.0000	0.0000	0.0000	0.0000	0.0000
24128	PM10 CALCIUM SULFATE CASO4-2H2O	0.0000	0.0000	0.0000	0.0000	0.0000
24142	PM10 CARBON BLACK	0.0002	0.0012	0.0000	0.0000	0.0000
24149	PM10 CEMENT PORTLAND	0.0000	0.0000	0.0000	0.0000	0.0000
24160	PM10 CHROMIUM-CR	0.0000	0.0000	0.0000	0.0000	0.0000
24309	PM10 KAOLIN	0.0001	0.0000	0.0000	0.0000	0.0000
24310	PM10 LEAD-PB	0.0000	0.0001	0.0000	0.0000	0.0000
24344	PM10 MAGNESIUM OXIDE-MGO	0.0000	0.0000	0.0000	0.0000	0.0000
24350	PM10 MANGANESE-MN	0.0000	0.0000	0.0000	0.0000	0.0000
24370	PM10 MICA	0.0005	0.0033	0.0000	0.0000	0.0000
24390	PM10 NICKEL-NI	0.0000	0.0000	0.0000	0.0000	0.0000
24670	PM10 TALC	0.0071	0.0384	0.0000	0.0000	0.0000
24735	PM10 TITANIUM DIOXIDE	0.0167	0.1048	0.0000	0.0000	0.0000
24780	PM10 ZINC-ZN	0.0001	0.0001	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	0.5858	2.8329	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	2.8429	9.0507	0.0000	0.0000	0.0000
51120	ACETIC ACID	0.0006	0.0058	0.0000	0.0000	0.0000
51129	1-PROPANOL, 2-METHOXY-ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
51140	ACRYLIC ACID	0.0003	0.0040	0.0000	0.0000	0.0000
51141	METHACRYLIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
51220	PROPIONIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
51400	ALCOHOLS-U	0.0000	0.0000	0.0000	0.0000	0.0000
51405	BENZYL ALCOHOL	1.0682	2.6838	0.0000	0.0000	0.0000
51430	2- BUTOXYETHANOL	0.0105	0.1223	0.0000	0.0000	0.0000
51434	GLYCOL ETHER DPM	0.0000	0.0000	0.0000	0.0000	0.0000
51440	N-BUTYL ALCOHOL	3.5801	20.0165	0.0000	0.0000	0.0000



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51456	DECYL ALCOHOL	0.0000	0.0000	0.0000	0.0000	0.0000
51460	ETHANOL	0.0056	0.0225	0.0000	0.0000	0.0000
51465	FURFURYL ALCOHOL	0.0131	0.0662	0.0000	0.0000	0.0000
51470	GLYCOLS-U	0.0000	0.0000	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0025	0.0305	0.0000	0.0000	0.0000
51472	PROPYLENE GLYCOL	0.0064	0.0057	0.0000	0.0000	0.0000
51473	DIETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
51478	METHOXY-2-ACETOXYPROPANE, 1-	0.5200	1.6347	0.0000	0.0000	0.0000
51488	PROPYLENE GLYCOL T-BUTYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
51490	ISOBUTANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51510	ISOPROPANOL	0.0027	0.0000	0.0000	0.0000	0.0000
51520	HEXANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51521	ETHYL HEXANOL 2	0.0000	0.0000	0.0000	0.0000	0.0000
51530	METHANOL	0.0370	0.2708	0.0000	0.0000	0.0000
51535	CRESOL	0.0000	0.0001	0.0000	0.0000	0.0000
51549	PHENOLS-U	0.0000	0.0000	0.0000	0.0000	0.0000
51550	PHENOL	0.0001	0.0017	0.0000	0.0000	0.0000
51570	N-PROPANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51580	SEC BUTYL ALCOHOL	0.0000	0.0000	0.0000	0.0000	0.0000
51590	TERT BUTYL ALCOHOL	0.0021	0.0099	0.0000	0.0000	0.0000
51650	BENZALDEHYDE	0.2196	1.0188	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
52219	HEXAMETHYLENE DIAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52220	ANILINE-U	0.0000	0.0000	0.0000	0.0000	0.0000
52233	2,6-DIETHYLANILINE	0.0000	0.0000	0.0000	0.0000	0.0000
52245	DIAMINOHEXANE 1,6	0.0000	0.0000	0.0000	0.0000	0.0000
52252	DIETHANOLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52253	DIETHYLENE TRIAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52259	PETROLEUM DISTILLATES	0.0000	0.0000	0.0000	0.0000	0.0000
52261	MODIFIED VEGETABLE OILS	0.0001	0.0018	0.0000	0.0000	0.0000
52265	AROMATIC PETROLEUM DISTILLATE HEAVY	0.0001	0.0014	0.0000	0.0000	0.0000
52266	2,4,6-TRIDIMETHYLAMINOMETHYL PHENOL	0.0655	0.2297	0.0000	0.0000	0.0000
52279	MONOETHANOLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52280	ETHANOLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52282	TRIETHANOLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52290	ETHYLENE DIAMINE	0.1327	0.3977	0.0000	0.0000	0.0000
52305	1,2,3,4 - TETRAHYDRONAPHTHALENE	0.0000	0.0000	0.0000	0.0000	0.0000
52335	TRIETHYLENETETRAMINE	0.0000	0.0000	0.0000	0.0000	0.0000



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52360	M-XYLENE A,A-DIAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52400	AROMATICS-U	0.0012	0.0000	0.0000	0.0000	0.0000
52410	ALPHA METHYL STYRENE	0.0136	0.0602	0.0000	0.0000	0.0000
52414	BENZYL CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
52416	TRIMETHYL BENZENE, 1,2,4-	0.3622	1.4292	0.0000	0.0000	0.0000
52417	TRIMETHYL BENZENE, 1,2,3-	0.0426	0.1898	0.0000	0.0000	0.0000
52418	TRIMETHYL BENZENE, 1,3,5-	0.0188	0.0931	0.0000	0.0000	0.0000
52420	BENZENE	0.0288	0.0614	0.0000	0.0000	0.0000
52428	TRIMETHYL BENZENE	1.4698	10.4168	0.0000	0.0000	0.0000
52430	CHLOROBENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52440	CUMENE	0.0056	0.0258	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	1.0134	3.6046	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0000	0.0006	0.0000	0.0000	0.0000
52471	ETHYL 3-ETHYOXYPROPRIONATE	0.0186	0.1729	0.0000	0.0000	0.0000
52480	STYRENE	0.0008	0.0102	0.0000	0.0000	0.0000
52490	TOLUENE	0.0104	0.0000	0.0000	0.0000	0.0000
52510	XYLENE-U	4.7785	22.3375	0.0000	0.0000	0.0000
52512	META-XYLENE	0.0138	0.0073	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.0039	0.0000	0.0000	0.0000	0.0000
52516	PARA-XYLENE	0.0053	0.0013	0.0000	0.0000	0.0000
52600	ESTERS-U	0.0000	0.0000	0.0000	0.0000	0.0000
52630	PROPYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
52640	BUTYL ACETATE	1.4547	5.8307	0.0000	0.0000	0.0000
52641	ISOBUTYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
52642	TERT-BUTYL ACETATE	0.0003	0.0043	0.0000	0.0000	0.0000
52650	ACRYLATES	0.0000	0.0000	0.0000	0.0000	0.0000
52660	BUTYL ACRYLATE	0.0000	0.0000	0.0000	0.0000	0.0000
52680	ETHYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
52683	MONONONYLPHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
52700	ETHYL ACRYLATE	0.0000	0.0000	0.0000	0.0000	0.0000
52704	OXOHEXYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
52709	DIISONONYL PHTHALATE	0.0000	0.0000	0.0000	0.0000	0.0000
52760	METHYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
52772	BUTYL METHACRYLATE	0.0200	0.0784	0.0000	0.0000	0.0000
52780	METHYL METHACRYLATE	0.0013	0.0021	0.0000	0.0000	0.0000
52830	GLYCOL ETHERS CELLOSOLVES	0.0000	0.0000	0.0000	0.0000	0.0000
52834	PROPYLENE GLYCOL MONOMETHYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000



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52835	DIPROPYLENE GLYCOL MONOMETHYL ETHER	0.0134	0.0000	0.0000	0.0000	0.0000
52840	CELLOSOLVE-U	0.0000	0.0000	0.0000	0.0000	0.0000
52842	BUTYL CELLOSOLVE	0.0002	0.0000	0.0000	0.0000	0.0000
52878	METHYL TERT-BUTYL ETHER	0.1915	1.4722	0.0000	0.0000	0.0000
52881	ETHYLENE GLYCOL MONOETHYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52891	VINYL ACETATE	0.0039	0.0357	0.0000	0.0000	0.0000
52910	EPICHLOROHYDRIN	0.0000	0.0000	0.0000	0.0000	0.0000
52912	EPOXY RESIN	0.0000	0.0000	0.0000	0.0000	0.0000
52913	PART-HYDROCARBON RESINS	0.0000	0.0000	0.0000	0.0000	0.0000
52922	METHOXY 1 PROPANOL 2	0.2117	0.4729	0.0000	0.0000	0.0000
53200	CHLORINATED HYDROCARBONS-U	0.0000	0.0000	0.0000	0.0000	0.0000
53210	CARBON TETRACHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53220	CHLOROFORM	0.0129	0.0452	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53270	1,2-DICHLOROETHANE	0.0024	0.0154	0.0000	0.0000	0.0000
53290	1,1,1-TRICHLOROETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
53299	PARACHLOROENZOTRIFLUORIDE	0.3939	2.3764	0.0000	0.0000	0.0000
53337	DICHLOROPROPANE 1,2	0.0002	0.0000	0.0000	0.0000	0.0000
54000	KETONES-U	0.0000	0.0000	0.0000	0.0000	0.0000
54020	ACETONE	0.0154	0.0743	0.0000	0.0000	0.0000
54024	4, 6-DIMETHYL-2-HEPTANONE	0.0043	0.0182	0.0000	0.0000	0.0000
54025	ACETONE CYANOHYDRIN	0.0000	0.0000	0.0000	0.0000	0.0000
54040	CYCLOHEXANONE	0.1302	0.4074	0.0000	0.0000	0.0000
54046	DIISOBUTYL KETONE	0.0160	0.0777	0.0000	0.0000	0.0000
54065	METHYL ETHYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.5525	1.5878	0.0000	0.0000	0.0000
54072	HEPTANONE 2	4.1058	16.6888	0.0000	0.0000	0.0000
54080	4,4'-METHYLENEDICYCLOHEXANAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
55000	OLEFINS-U	0.0000	0.0000	0.0000	0.0000	0.0000
55003	DECENE,1-	0.0000	0.0000	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.3764	3.1403	0.0000	0.0000	0.0000
55175	BUTENE	0.0000	0.0000	0.0000	0.0000	0.0000
55178	ISOBUTENE	0.0000	0.0000	0.0000	0.0000	0.0000
55225	DICYCLOPENTADIENE	0.0000	0.0000	0.0000	0.0000	0.0000
55260	ACRYLIC ACID-N-BUTYL ESTER	0.0000	0.0000	0.0000	0.0000	0.0000
55400	ISOBUTYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
55450	ISOPRENE	0.0027	0.0000	0.0000	0.0000	0.0000
55550	PERCHLOROETHYLENE	0.0021	0.0201	0.0000	0.0000	0.0000



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55600	PROPYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
55650	TRICHLOROETHYLENE	0.0005	0.0000	0.0000	0.0000	0.0000
56000	PARAFFINS-U	0.0000	0.0000	0.0000	0.0000	0.0000
56050	CYCLOHEXANE	0.0575	0.2638	0.0000	0.0000	0.0000
56100	CYCLOPENTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56150	METHYLCYCLOHEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56575	HEPTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56590	HEXENE	0.0000	0.0000	0.0000	0.0000	0.0000
56595	HEXANE BRANCHED ISOMER-U	0.0000	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56625	ISOBUTANE	0.0031	0.0408	0.0000	0.0000	0.0000
56672	ISO OCTENE	0.0008	0.0000	0.0000	0.0000	0.0000
56673	OCTENE	0.0004	0.0000	0.0000	0.0000	0.0000
56674	OCTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56676	2,2,4-TRIMETHYL-1,3-PENTANEDIOL MONOISOBUTYRATE	0.0000	0.0000	0.0000	0.0000	0.0000
56703	NONANE	0.0000	0.0000	0.0000	0.0000	0.0000
56725	N BUTANE	1.8823	8.3993	0.0000	0.0000	0.0000
56750	PENTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56775	PROPANE	0.0000	0.0000	0.0000	0.0000	0.0000
58051	TETRAETHYLENEPENTAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
58213	ACRYLONITRILE	0.0068	0.0144	0.0000	0.0000	0.0000
58215	ADIPONITRILE	0.0000	0.0000	0.0000	0.0000	0.0000
58243	HEXAMETHYLENE DIISOCYANATE	0.0000	0.0000	0.0000	0.0000	0.0000
58280	PICOLINE	0.0000	0.0000	0.0000	0.0000	0.0000
58480	PROPYLENE OXIDE	0.0191	0.2501	0.0000	0.0000	0.0000
58711	ETHYLTOLUENE,O-	0.0113	0.0515	0.0000	0.0000	0.0000
58997	PYROLYSIS GASOLINE	0.0076	0.0335	0.0000	0.0000	0.0000
58998	ALIPHATIC PETROLEUM DISTILLATE	0.0000	0.0000	0.0000	0.0000	0.0000
58999	AROMATIC PETROLEUM DISTILLATE LIGHT	3.7231	18.2334	0.0000	0.0000	0.0000
59000	VOC GAS MIXTURE-U	0.0400	0.4470	0.0000	0.0000	0.0000
59001	CRUDE OIL	0.0114	0.0440	0.0000	0.0000	0.0000
59002	DISTILLATE	0.0000	0.0000	0.0000	0.0000	0.0000
59003	GASOLINE	0.2357	2.0277	0.0000	0.0000	0.0000
59004	JET FUEL	0.0014	0.0152	0.0000	0.0000	0.0000
59005	KEROSENE	0.0001	0.0000	0.0000	0.0000	0.0000
59006	MINERAL OIL	0.0000	0.0000	0.0000	0.0000	0.0000
59007	LUBRICATING OIL	0.0000	0.0006	0.0000	0.0000	0.0000



2023 CONTAMINANT SUMMARY REPORT

May 24, 2024

5:51 pm

CN : CN600135354

Organization : SOUTHWEST SHIPYARD LP

RN : RN100248749

Account : HG0686T

Site : BARGE CLEANING AND REPAIR

Last EI Date : 12/31/2023

CONTAMINANT SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
59008	CASTOR OIL	0.0000	0.0000	0.0000	0.0000	0.0000
59009	PETROLEUM DISTILLATE	0.0000	0.0001	0.0000	0.0000	0.0000
59010	ALKYLATE	0.0428	0.1713	0.0000	0.0000	0.0000
59011	PETROLEUM NAPHTHA	0.0000	0.0000	0.0000	0.0000	0.0000
59070	COKER FEED	0.0000	0.0000	0.0000	0.0000	0.0000
59090	CONDENSATE	0.0197	0.2574	0.0000	0.0000	0.0000
59150	DIESEL	0.0050	0.0484	0.0000	0.0000	0.0000
59200	FUEL OIL-U	0.0097	0.0155	0.0000	0.0000	0.0000
59210	NO 2 FUEL OIL	0.0000	0.0000	0.0000	0.0000	0.0000
59225	NO 6 FUEL OIL	0.0000	0.0000	0.0000	0.0000	0.0000
59250	GAS OIL	0.0072	0.0948	0.0000	0.0000	0.0000
59275	MINERAL SPIRITS	0.0000	0.0000	0.0000	0.0000	0.0000
59300	NAPHTHA	0.0213	0.1650	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	0.0075	0.0343	0.0000	0.0000	0.0000
59400	RAFFINATE	0.0072	0.0000	0.0000	0.0000	0.0000
59410	REFORMER FEED	0.0000	0.0000	0.0000	0.0000	0.0000
59450	REFORMATE	0.0149	0.0206	0.0000	0.0000	0.0000
59490	VACUUM BOTTOMS	0.0000	0.0000	0.0000	0.0000	0.0000
59500	ASPHALT FUMES	0.0000	0.0000	0.0000	0.0000	0.0000
59799	ACETYLACETONE	0.0001	0.0007	0.0000	0.0000	0.0000
59800	NAPHTHA,COAL-TAR	0.0000	0.0000	0.0000	0.0000	0.0000
59875	POLYETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
70050	AMMONIA	0.0025	0.0156	0.0000	0.0000	0.0000
70300	HYDROGEN SULFIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	3.4123	13.2864	0.0000	0.0000	0.0000
70402	NITROGEN DIOXIDE	1.7511	9.7484	0.0000	0.0000	0.0000
70485	SODIUM HYDROXIDE-GAS	0.0000	0.0000	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	0.0804	0.3845	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	9.7580	51.5210	0.0000	0.0000	0.0000



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HAPS SUMMARY REPORT

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11160	HYDROCHLORIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
14030	ARSENIC - AS	0.0000	0.0000	0.0000	0.0000	0.0000
14040	ASBESTOS-U	0.0000	0.0000	0.0000	0.0000	0.0000
14045	TREMOLITE	0.0000	0.0000	0.0000	0.0000	0.0000
14160	CHROMIUM-CR	0.0000	0.0000	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0001	0.0006	0.0000	0.0000	0.0000
14350	MANGANESE-MN	0.0000	0.0000	0.0000	0.0000	0.0000
14390	NICKEL-NI	0.0000	0.0000	0.0000	0.0000	0.0000
24030	PM10 ARSENIC - AS	0.0000	0.0000	0.0000	0.0000	0.0000
24045	PM10 TREMOLITE	0.0000	0.0000	0.0000	0.0000	0.0000
24160	PM10 CHROMIUM-CR	0.0000	0.0000	0.0000	0.0000	0.0000
24310	PM10 LEAD-PB	0.0000	0.0001	0.0000	0.0000	0.0000
24350	PM10 MANGANESE-MN	0.0000	0.0000	0.0000	0.0000	0.0000
24390	PM10 NICKEL-NI	0.0000	0.0000	0.0000	0.0000	0.0000
51140	ACRYLIC ACID	0.0003	0.0040	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0025	0.0305	0.0000	0.0000	0.0000
51530	METHANOL	0.0370	0.2708	0.0000	0.0000	0.0000
51535	CRESOL	0.0000	0.0001	0.0000	0.0000	0.0000
51550	PHENOL	0.0001	0.0017	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
52252	DIETHANOLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52414	BENZYL CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	0.0288	0.0614	0.0000	0.0000	0.0000
52430	CHLOROBENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52440	CUMENE	0.0056	0.0258	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	1.0134	3.6046	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0000	0.0006	0.0000	0.0000	0.0000
52480	STYRENE	0.0008	0.0102	0.0000	0.0000	0.0000
52490	TOLUENE	0.0104	0.0000	0.0000	0.0000	0.0000
52510	XYLENE-U	4.7785	22.3375	0.0000	0.0000	0.0000
52512	META-XYLENE	0.0138	0.0073	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.0039	0.0000	0.0000	0.0000	0.0000
52516	PARA-XYLENE	0.0053	0.0013	0.0000	0.0000	0.0000
52700	ETHYL ACRYLATE	0.0000	0.0000	0.0000	0.0000	0.0000
52780	METHYL METHACRYLATE	0.0013	0.0021	0.0000	0.0000	0.0000
52830	GLYCOL ETHERS CELLOSOLVES	0.0000	0.0000	0.0000	0.0000	0.0000
52840	CELLOSOLVE-U	0.0000	0.0000	0.0000	0.0000	0.0000
52878	METHYL TERT-BUTYL ETHER	0.1915	1.4722	0.0000	0.0000	0.0000



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52891	VINYL ACETATE	0.0039	0.0357	0.0000	0.0000	0.0000
52910	EPICHLOROHYDRIN	0.0000	0.0000	0.0000	0.0000	0.0000
53210	CARBON TETRACHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53220	CHLOROFORM	0.0129	0.0452	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53270	1,2-DICHLOROETHANE	0.0024	0.0154	0.0000	0.0000	0.0000
53290	1,1,1-TRICHLOROETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
53337	DICHLOROPROPANE 1,2	0.0002	0.0000	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.5525	1.5878	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.3764	3.1403	0.0000	0.0000	0.0000
55550	PERCHLOROETHYLENE	0.0021	0.0201	0.0000	0.0000	0.0000
55650	TRICHLOROETHYLENE	0.0005	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
58213	ACRYLONITRILE	0.0068	0.0144	0.0000	0.0000	0.0000
58243	HEXAMETHYLENE DIISOCYANATE	0.0000	0.0000	0.0000	0.0000	0.0000
58480	PROPYLENE OXIDE	0.0191	0.2501	0.0000	0.0000	0.0000
Total		7.0701	32.9398	0.0000	0.0000	0.0000