

Linnton EPA NEI

Albina Railyard

45.543333 -122.68605

acenaphthylene	5.35498	lb
xylene (mixed isomers)	146.9126	lb
chrysene	0.1487488	lb
chromium III	0.0504312	lb
benzo[k]fluoranthene	0.0648964	lb
indeno[1,2,3-c,d]pyrene	0.033291	lb
benzo[b]fluoranthene	0.0800268	lb
benz[a]anthracene	0.200936	lb
ethyl benzene	61.2136	lb
fluoranthene	0.93502	lb
1,3-butadiene	59.795	lb
benzo[g,h,i]perylene	0.038601	lb
chromium (VI)	0.0259798	lb
hexane	168.3372	lb
anthracene	1.264388	lb
propionaldehyde	186.7014	lb
styrene	64.2742	lb
formaldehyde	797.408	lb
pyrene	1.320376	lb
toluene	97.9416	lb
benzo[a]pyrene	0.0344256	lb
acrolein	57.5496	lb
pm25-primary from certain diesel engines	6.0753	ton
sulfur dioxide	1.9037	ton
remaining pm fine portion of pm2.5-pri	0.298194	ton
pm10 primary (filt + cond)	6.2632	ton
organic carbon portion of pm2.5-pri	1.06682	ton
nitrogen oxides	227.431	ton
ammonia	0.0843502	ton
nitrate portion of pm2.5-pri	0.00693192	ton
carbon monoxide	28.1667	ton
pm10-primary from certain diesel engines	6.2632	ton
elemental carbon portion of pm2.5-pri	4.68527	ton
naphthalene	32.2624	lb
fluorene	1.762422	lb
phenanthrene	7.10312	lb
beryllium	0.35094	lb
volatile organic compounds	15.3034	ton
sulfate carbon portion of pm2.5-pri	0.0179221	ton
pm2.5 primary (filt + cond)	6.0753	ton
arsenic	0.00447192	lb
cadmium	0.35094	lb
acetaldehyde	346.072	lb
lead	0.000526409	ton
benzene	47.6256	lb

nickel	0.0820478	lb
mercury	0.35094	lb
acenaphthene	0.383514	lb
manganese	0.0255538	lb
2,2,4-trimethylpentane	68.6366	lb

Ash Grove Cement Company

13939 N Rivergate Blvd 97203

mercury	0.0168	lb
lead	0.0002515	ton

Barnes Railyard

45.602454 -122.73766

sulfate carbon portion of pm2.5-pri	0.00475888	ton
volatile organic compounds	4.0703	ton
sulfur dioxide	0.511174	ton
pm2.5 primary (filt + cond)	1.61318	ton
remaining pm fine portion of pm2.5-pri	0.0791797	ton
pm10 primary (filt + cond)	1.66307	ton
nitrogen oxides	59.0823	ton
nitrate portion of pm2.5-pri	0.00184064	ton
ammonia	0.0226494	ton
carbon monoxide	7.5632	ton
naphthalene	8.5667	lb
elemental carbon portion of pm2.5-pri	1.24408	ton
pm25-primary from certain diesel engines	1.61318	ton
acetaldehyde	91.8928	lb
benzene	12.64608	lb
nickel	0.0217862	lb
mercury	0.0931854	lb
manganese	0.00678534	lb
arsenic	0.001187434	lb
beryllium	0.0931854	lb
cadmium	0.0931854	lb
acenaphthene	0.1018348	lb
benz[a]anthracene	0.0533548	lb
lead	0.000139778	ton
formaldehyde	211.736	lb
chrysene	0.0394974	lb
2,2,4-trimethylpentane	18.25554	lb
benzo[a]pyrene	0.00914108	lb
phenanthrene	1.8861	lb
acenaphthylene	1.421914	lb
fluoranthene	0.248276	lb
benzo[k]fluoranthene	0.01723204	lb
organic carbon portion of pm2.5-pri	0.283274	ton
indeno[1,2,3-c,d]pyrene	0.0088398	lb
fluorene	0.467978	lb
pm10-primary from certain diesel engines	1.66307	ton
chromium (VI)	0.00689842	lb

benzo[g,h,i,]perylene	0.0102498	lb
chromium III	0.01339106	lb
benzo[b]fluoranthene	0.0212496	lb
xylenes (mixed isomers)	39.0748	lb
pyrene	0.350602	lb
1,3-butadiene	15.87744	lb
toluene	26.05	lb
acrolein	15.28118	lb
ethyl benzene	16.2812	lb
styrene	17.09526	lb
anthracene	0.335734	lb
hexane	44.7734	lb
propionaldehyde	49.6576	lb

BP West Coast Products, LLC

9930 NW Saint Helens Rd 97231-1043

volatile organic compounds	33.54	ton
pm2.5 primary (filt + cond)	0.594	ton
sulfur dioxide	0.594	ton
pm10 primary (filt + cond)	0.594	ton
pm10 filterable	0.594	ton
pm condensable	0	ton
remaining pm fine portion of pm2.5-pri		
	0.466468	ton
pm2.5 filterable	0.594	ton
organic carbon portion of pm2.5-pri	0.123314	ton
nitrogen oxides	3.91	ton
elemental carbon portion of pm2.5-pri	0.004158	ton
naphthalene	30	lb
carbon monoxide	9.85	ton
benzene	359	lb
xylenes (mixed isomers)	568	lb
hexane	913	lb
toluene	585	lb
ethyl benzene	120	lb

Certainteed Corp

6350 NW Front Ave 97210

lead	0.000045	ton
mercury	0.0109	lb
PAH, total	0.0667	lb

Chevron Products Company

5531 NW Doane Ave 97210-3607

cobalt	0.0112533	lb
sulfate carbon portion of pm2.5-pri	0.02881	ton
remaining pm fine portion of pm2.5-pri		
	0.08777	ton
pm2.5 primary (filt + cond)	0.335	ton
pm10 primary (filt + cond)	0.335	ton
pm10 filterable	0.1273	ton
pm condensable	0.2077	ton
nitrate portion of pm2.5-pri	0.007035	ton

nitrogen oxides	1.17	ton
organic carbon portion of pm2.5-pri	0.082745	ton
elemental carbon portion of pm2.5-pri	0.12864	ton
naphthalene	27	lb
volatile organic compounds	91.785	ton
sulfur dioxide	0.033	ton
pm2.5 filterable	0.1273	ton
carbon monoxide	1.24	ton
arsenic	0.0268094	lb
cadmium	0.147388	lb
manganese	0.05092	lb
lead	0.0001	ton
nickel	0.281409	lb
benzene	320	lb
xylenes (mixed isomers)	550	lb
hexane	580	lb
PAH, total	0.2	lb
ethyl benzene	118	lb
toluene	760	lb
chromium III	0.180104	lb
chromium (VI)	0.0075107	lb

Columbia Steel Casting Co Inc

10425 N. Bloss Ave. 97203-6143

lead	0.003	ton
manganese	672	lb
nickel	27	lb
chromium (VI)	0.63	lb
columbia steel casting co inc		
chromium III	20.37	lb

Esco Corp

2211 NW Brewer 97210

chromium III	11.64	lb
manganese	63	lb
lead	0.011	ton
chromium (VI)	0.36	lb
nickel	43	lb

Esco Corporation

2141 NW 25th Ave 97210

volatile organic compounds	34.048	ton
sulfur dioxide	3.673	ton
pm2.5 primary (filt + cond)	51.569	ton
remaining pm fine portion of pm2.5-pri		
	43.0332513	ton
pm10 primary (filt + cond)	51.569	ton
pm10 filterable	21.6601789	ton
pm condensable	29.9087751	ton
pm2.5 filterable	21.6601789	ton
nitrogen oxides	32.234	ton
sulfate carbon portion of pm2.5-pri	4.4001742	ton
nitrate portion of pm2.5-pri	0.15189399	ton

organic carbon portion of pm2.5-pri	3.4716872	ton
elemental carbon portion of pm2.5-pri	0.51182118	ton
carbon monoxide	146.156	ton
nickel	42	lb
lead	0.0433	ton
manganese	445	lb
chromium III	41.71	lb
chromium (VI)	1.29	lb

Evrax Inc, NA

14400 N Rivergate Blvd 97203

sulfate carbon portion of pm2.5-pri	38.41403963	ton
volatile organic compounds	127.085	ton
sulfur dioxide	3.836	ton
pm2.5 primary (filt + cond)	130.69051388	ton
remaining pm fine portion of pm2.5-pri	70.65160289	ton
pm10 primary (filt + cond)	141.21396	ton
pm2.5 filterable	91.01994938	ton
pm condensable	4.26056	ton
pm10 filterable	101.5434	ton
organic carbon portion of pm2.5-pri	20.27247692	ton
elemental carbon portion of pm2.5-pri	0.720604087	ton
nitrogen oxides	184.853	ton
nitrate portion of pm2.5-pri	0.6292789831	ton
carbon monoxide	125.73	ton
lead	0.096026	ton

Glacier Northwest Inc Front Ave Ready-Mix Plant

5034 NW Front Ave 97210

lead	0.00004	ton
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Graphic Packaging International, Inc

3400 N Marine Dr 97217

pm2.5 primary (filt + cond)	6.179257	ton
nitrogen oxides	6.8	ton
volatile organic compounds	21.036	ton
pm condensable	0.0961	ton
sulfur dioxide	1.15	ton
pm10 filterable	7.3189	ton
pm2.5 filterable	6.083157	ton
pm10 primary (filt + cond)	7.415	ton
nitrate portion of pm2.5-pri	0.003255	ton
carbon monoxide	2.3	ton
remaining pm fine portion of pm2.5-pri	4.771462	ton
elemental carbon portion of pm2.5-pri	0.10168981	ton
sulfate carbon portion of pm2.5-pri	0.01333	ton
organic carbon portion of pm2.5-pri	1.288921	ton

Gunderson LLC

4700 NW Front Ave

97210

nitrate portion of pm2.5-pri	0.12077861	ton
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Hercules Incorporated

3366 NW Yeon Ave 97210

epichlorohydrin	3363	lb
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Imperial Paint Co Inc

2526 NW Yeon Ave 97210-1895

xylenes (mixed isomers)	229	lb
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toluene	297	lb
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J R Simplot Co Rivergate Terminal

14003 N Rivergate Blvd. 97203

ammonia	1.591	ton
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Kanto Corp

13424 N Woodrush Way 97203

ammonia	0.005	ton
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hydrogen fluoride	10	lb
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Lacamas Labs Inc

3625 N Suttle Rd. 97217

methanol	10000	lb
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methyl tert-butyl ether	700	lb
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xylenes (mixed isomers)	3250	lb
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toluene	1920	lb
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hexane	730	lb
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Lake Railyard

45.549649 -122.71845

acenaphthene	0.0956264	lb
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fluorene	0.439448	lb
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acetaldehyde	86.2906	lb
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arsenic	0.001115044	lb
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cadmium	0.0875044	lb
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manganese	0.00637168	lb
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mercury	0.0875044	lb
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lead	0.000131257	ton
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benzene	11.87512	lb
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benzo[a]pyrene	0.0085838	lb
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2,2,4-trimethylpentane	17.01868	lb
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chrysene	0.0370894	lb
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formaldehyde	198.828	lb
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benzo[b]fluoranthene	0.01995414	lb
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chromium III	0.01257468	lb
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chromium (VI)	0.00647788	lb
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benzo[g,h,i,]perylene	0.00962492	lb
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indeno[1,2,3-c,d]pyrene	0.00830088	lb
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nickel	0.020458	lb
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benzo[k]fluoranthene	0.0161815	lb
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benz[a]anthracene	0.050102	lb
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fluoranthene	0.23314	lb
hexane	41.7398	lb
toluene	24.285	lb
acrolein	14.34958	lb
beryllium	0.0875044	lb
phenanthrene	1.771116	lb
ethyl benzene	15.17812	lb
styrene	15.93702	lb
1,3-butadiene	14.90948	lb
xylene (mixed isomers)	36.4274	lb
pyrene	0.329226	lb
anthracene	0.315266	lb
propionaldehyde	46.2932	lb
acenaphthylene	1.335228	lb
sulfate carbon portion of pm2.5-pri	0.00446875	ton
volatile organic compounds	3.79453	ton
remaining pm fine portion of pm2.5-pri	0.0743524	ton
pm2.5 primary (filt + cond)	1.51483	ton
sulfur dioxide	0.456842	ton
pm10 primary (filt + cond)	1.56169	ton
organic carbon portion of pm2.5-pri	0.266004	ton
nitrogen oxides	60.8135	ton
nitrate portion of pm2.5-pri	0.00172842	ton
ammonia	0.020242	ton
carbon monoxide	6.75932	ton
pm25-primary from certain diesel engines	1.51483	ton
pm10-primary from certain diesel engines	1.56169	ton
elemental carbon portion of pm2.5-pri	1.16824	ton
naphthalene	8.04442	lb

Northwest Pipe Company

12005 N Burgard Way 97203

pm2.5 primary (filt + cond)	1.887934271	ton
sulfate carbon portion of pm2.5-pri	0.1783105171	ton
volatile organic compounds	6.63	ton
remaining pm fine portion of pm2.5-pri	1.55491428	ton
pm condensable	0.0448031	ton
nitrogen oxides	1.704	ton
pm2.5 filterable	0.843131271	ton
pm10 primary (filt + cond)	3.91145	ton
organic carbon portion of pm2.5-pri	0.1331734105	ton
nitrate portion of pm2.5-pri	0.0054170149	ton
elemental carbon portion of pm2.5-pri	0.0161307856	ton
pm10 filterable	2.8666469	ton

Nustar

9420 NW Saint Helens Rd 97231-1135

volatile organic compounds	30.3929	ton
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Owens Corning Roofing and Asphalt, LLC

11910 NW Saint Helens Rd 97231-2306

toluene	0.485906	lb
sulfate carbon portion of pm2.5-pri	0.04039906	ton
sulfur dioxide	51.616	ton
remaining pm fine portion of pm2.5-pri	3.11026895	ton
pm2.5 primary (filt + cond)	3.6148706	ton
pm2.5 filterable	0.07311059	ton
organic carbon portion of pm2.5-pri	0.192595706	ton
pm10 primary (filt + cond)	3.628	ton
pm10 filterable	0.08624	ton
nitrogen oxides	16.14	ton
nitrate portion of pm2.5-pri	0.0072344993	ton
carbon monoxide	53.79	ton
2-methylnaphthalene	0.00170453	lb
naphthalene	0.0871674	lb
fluorene	0.00020292	lb
phenanthrene	0.00120399	lb
elemental carbon portion of pm2.5-pri	0.264223998	ton
arsenic	0.014245	lb
cadmium	0.0783136	lb
pm condensable	0.12176	ton
cobalt	0.00597938	lb
manganese	0.027056	lb
nickel	0.149525	lb
benzene	0.300094	lb
formaldehyde	10.71822	lb
chromium (VI)	0.00399076	lb
fluoranthene	0.000216448	lb
volatile organic compounds	3.823	ton
chromium III	0.0956971	lb
pyrene	0.000351728	lb
hexane	257.236	lb

Owens-Corning Corporation

3605 NW 35th Ave 97210-1639

PAH, total	1.7	lb
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Rodda Paint Co

6123 N Marine Dr 97203

toluene	1989	lb
xylene (mixed isomers)	3877	lb
ethyl benzene	861	lb
ethylene glycol	1297	lb

St Johns Landfill

9363 N Columbia Blvd 97203-1048

sulfate carbon portion of pm2.5-pri	0.052632	ton
volatile organic compounds	0.049	ton
sulfur dioxide	0.079	ton

remaining pm fine portion of pm2.5-pri	0.160344	ton
pm2.5 primary (filt + cond)	0.612	ton
pm2.5 filterable	0.23256	ton
pm10 primary (filt + cond)	0.612	ton
pm10 filterable	0.23256	ton
pm condensable	0.37944	ton
nitrate portion of pm2.5-pri	0.012852	ton
nitrogen oxides	1.44	ton
organic carbon portion of pm2.5-pri	0.151164	ton
carbon monoxide	0.865	ton
elemental carbon portion of pm2.5-pri	0.235008	ton

Tarr Inc

2429 N Borthwick 97227

naphthalene	14.3	lb
methanol	2720.798	lb
xylenes (mixed isomers)	119.566	lb
methyl isobutyl ketone	108.855	lb
toluene	1199.707	lb
ethylene glycol	0.8	lb
ethyl benzene	34.074	lb

Tosco Portland Terminal

5528 NW Doane Ave 97210

naphthalene	132	lb
benzene	981	lb
hexane	825	lb
xylenes (mixed isomers)	1128	lb
PAH, total	0.24	lb
toluene	2153	lb
ethyl benzene	220	lb

Univar Usa Inc (Formerly Vopak Usa Inc)

3950 Nw Yeon Ave 97210-1412

toluene	159	lb
methanol	155	lb

Vigor Industrial, LLC

5555 N Channel Ave Bldg 71 97217-7672

volatile organic compounds	118.439	ton
sulfur dioxide	0.099	ton
sulfate carbon portion of pm2.5-pri	0.48627361	ton
remaining pm fine portion of pm2.5-pri	3.98116504	ton
pm10 primary (filt + cond)	10.373	ton
pm condensable	0.0589	ton
pm10 filterable	10.3141	ton
pm2.5 filterable	4.88501612	ton
organic carbon portion of pm2.5-pri	0.380332282	ton
nitrogen oxides	5.441	ton
nitrate portion of pm2.5-pri	0.01639492083	ton

elemental carbon portion of pm2.5-pri

0.079801215	ton
carbon monoxide	1.33 ton
2-methylnaphthalene	0.00090972 lb
fluorene	0.0001083 lb
phenanthrene	0.00064258 lb
cadmium	0.0417966 lb
arsenic	0.00760266 lb
pm2.5 primary (filt + cond)	4.94391612 ton
cobalt	0.00319124 lb
lead	0.00118045 ton
nickel	0.0798027 lb
manganese	0.01444 lb
chromium (VI)	0.0021299 lb
chromium III	0.0510743 lb
fluoranthene	0.00011552 lb
pyrene	0.00018772 lb
xylenes (mixed isomers)	45170.9 lb
ethyl benzene	16719.9 lb

Wacker Siltronic Corp

7200 NW Front Ave.

97210-3676	
hydrogen fluoride	329 lb
hydrochloric acid	209 lb

Western Star Truck Plant Portland (Daimler)

6936 N Fathom St 97217

toluene	0.461178	lb
chromium III	0.330101	lb
cobalt	0.0206255	lb
pm2.5 primary (filt + cond)	6.843476	ton
sulfur dioxide	1.133	ton
pyrene	0.00121326	lb
pm10 filterable	6.86732	ton
2-methylnaphthalene	0.00587966	lb
nitrate portion of pm2.5-pri	0.015939588	ton
remaining pm fine portion of pm2.5-pri	5.114259	ton
pm condensable	0.38068	ton
nitrogen oxides	22.82	ton
volatile organic compounds	222.473	ton
sulfate carbon portion of pm2.5-pri	0.152235468	ton
arsenic	0.0491372	lb
elemental carbon portion of pm2.5-pri	0.2802641	ton
nickel	0.515777	lb
fluoranthene	0.000746624	lb
pm2.5 filterable	5.462796	ton
organic carbon portion of pm2.5-pri	1.28027388	ton
phenanthrene	0.0041531	lb
hexane	244.146	lb
pm10 primary (filt + cond)	8.248	ton
carbon monoxide	2.07	ton
benzene	0.284822	lb

naphthalene	1	lb
fluorene	0.00069996	lb
cadmium	0.270138	lb
manganese	0.093328	lb
formaldehyde	10.17276	lb
chromium (VI)	0.0137659	lb

hexane	18.39736	lb
pyrene	0.145111	lb
anthracene	0.1389578	lb
propionaldehyde	20.4044	lb
styrene	7.02444	lb
1,3-butadiene	6.57154	lb
acrolein	6.32476	lb
ethyl benzene	6.68996	lb
toluene	10.70392	lb

Willbridge Railyard

45.561451 -122.74267

volatile organic compounds	1.67249	ton
sulfur dioxide	0.201359	ton
pm2.5 primary (filt + cond)	0.667683	ton
remaining pm fine portion of pm2.5-pri	0.0327719	ton
nitrate portion of pm2.5-pri	0.000761826	ton
ammonia	0.00892191	ton
nitrogen oxides	26.8044	ton
naphthalene	3.54568	lb
elemental carbon portion of pm2.5-pri	0.514917	ton
carbon monoxide	2.97926	ton
pm10-primary from certain diesel engines	0.688333	ton
pm25-primary from certain diesel engines	0.667683	ton
acetaldehyde	38.0336	lb
phenanthrene	0.780642	lb
acenaphthene	0.0421486	lb
benzene	5.23412	lb
lead	0.000057853	ton
nickel	0.00901716	lb
manganese	0.0028084	lb
arsenic	0.00049147	lb
mercury	0.0385686	lb
beryllium	0.0385686	lb
cadmium	0.0385686	lb
fluorene	0.1936924	lb
acenaphthylene	0.588518	lb
benz[a]anthracene	0.0220832	lb
formaldehyde	87.636	lb
chrysene	0.01634768	lb
2,2,4-trimethylpentane	7.5012	lb
benzo[a]pyrene	0.00378342	lb
organic carbon portion of pm2.5-pri	0.117245	ton
chromium III	0.00554246	lb
benzo[k]fluoranthene	0.0071322	lb
benzo[g,h,i,]perylene	0.0042423	lb
chromium (VI)	0.0028552	lb
pm10 primary (filt + cond)	0.688333	ton
indeno[1,2,3-c,d]pyrene	0.00365872	lb
fluoranthene	0.1027598	lb
benzo[b]fluoranthene	0.00879504	lb
xylene (mixed isomers)	16.05588	lb
sulfate carbon portion of pm2.5-pri	0.00196966	ton

Willbridge Asphalt Refinery (Arc Terminal)

5501 NW Front Ave 97210-1115

2-methylnaphthalene	0.00149386	lb
sulfate carbon portion of pm2.5-pri	0.013373	ton
remaining pm fine portion of pm2.5-pri	0.040741	ton
volatile organic compounds	50.952	ton
sulfur dioxide	0.106	ton
pm2.5 filterable	0.05878	ton
organic carbon portion of pm2.5-pri	0.0384085	ton
pm2.5 primary (filt + cond)	0.1555	ton
pm10 filterable	0.05928	ton
nitrate portion of pm2.5-pri	0.0032655	ton
nitrogen oxides	6.22	ton
carbon monoxide	5.22	ton
elemental carbon portion of pm2.5-pri	0.059712	ton
naphthalene	0.0758556	lb
fluorene	0.00017784	lb
phenanthrene	0.00105518	lb
pm condensable	0.09672	ton
pm10 primary (filt + cond)	0.156	ton
cadmium	0.0686344	lb
arsenic	0.0124844	lb
cobalt	0.00524035	lb
manganese	0.023712	lb
nickel	0.131044	lb
benzene	0.261152	lb
lead	0.0000156025	ton
formaldehyde	9.3273	lb
chromium (VI)	0.00349752	lb
fluoranthene	0.000189696	lb
chromium III	0.0838693	lb
hexane	223.854	lb
toluene	0.422848	lb
pyrene	0.000308256	lb

Willbridge Terminal (Kinder Morgan Liquids Term)

5880 NW St Helens Rd 97210-1146

volatile organic compounds	69.61	ton
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