



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

The San Diego Air Pollution Control District has prepared emissions estimates for the facility below.

**Facility:** General Dynamics NASSCO  
**EIF ID:** 19

2798 East Harbor Dr  
San Diego, CA 92113

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	4.2	26.0
2	Nitrogen Oxides (NOx)	12.4	97.0
3	Particulate Matter (PM10)	10.6	17.4
4	Particulate Matter (PM2.5)	0.1	0.2
5	Sulfur Oxides (SOx)	<0.1	0.2
6	Total Organic Gases (TOG)	99.2	164.0
7	Total Particulates (TSP)	10.5	17.2
8	Volatile Organic Compounds (VOC)	98.1	158.8

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,2,4-Trimethylbenzene	21,822.24	15.423
2	1,3-Butadiene	88.12	0.155
3	Acetaldehyde	317.96	0.560
4	Acetone	1,019.64	1.579
5	Acrolein	13.77	0.024
6	Aluminum	798.82	0.369
7	Ammonia	32.94	0.020
8	Arsenic (inorganic)	0.72	0.001
9	Barium	105.36	0.122
10	Benzene	76.55	0.133
11	Butanol	38,278.07	26.421
12	Cadmium	0.61	0.001
13	Carbon black extracts	3.41	0.008
14	Chlorobenzene	0.08	<0.001
15	Chlorobenzotrifluoride,para	553.52	3.325
16	Chromium, Hexavalent	0.25	<0.001
17	Chromium, Non-Hexavalent	4.08	0.004
18	Cobalt	0	0



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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
19	Copper	78.49	0.180
20	Cumene	337.76	0.375
21	Cyclohexane	878.52	0.232
22	Diesel Particulate	772.05	2.876
23	Dimethyl phthalate	1,297.57	3.956
24	Dipropylene glycol monomethyl ether	16.02	0.160
25	Epoxy resins	8,485.05	15.233
26	Ethanol	19.77	0.159
27	Ethyl Benzene	25,613.04	15.750
28	Ethylene Dichloride	7.05	0.071
29	Ethylene Glycol Butyl Ether	0.95	0.009
30	Folpet	0.05	<0.001
31	Formaldehyde	702.51	1.237
32	Glycol Ethers, Unspecified	0.92	0.007
33	Hexamethylene-1,6-diisocyanate	11.85	0.019
34	Hexane	11.22	0.022
35	Hydrogen Chloride	75.53	0.133
36	Isopropyl Alcohol	154.93	1.331
37	Lead (inorganic)	3.38	0.006
38	Manganese	63.52	0.030
39	Mercury (inorganic)	0.81	0.001
40	Methanol	218.50	0.187
41	Methyl Ethyl Ketone	130.16	0.507
42	Methyl Isobutyl Ketone	8.43	0.078
43	Methylene Diphenyl Isocyanate	0.71	0.007
44	Naphthalene	24.15	0.158
45	Nickel (except nickel oxide)	82.72	0.020
46	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	14.70	0.026
47	Propylene	189.64	0.334
48	Propylene Glycol Methyl Ether	7,468.34	4.353
49	Propylene glycol monomethyl ether acetate	649.06	1.040



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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
50	Selenium	0.89	0.002
51	Silica, Crystalline	72.97	0.640
52	Silver	0	0
53	Styrene	3.74	0.035
54	t-Butyl acetate	69.38	0.560
55	Toluene	161.12	0.546
56	Trimethylbenzenes	6.28	0.025
57	Triphenyl phosphate [POM]	288.47	0.740
58	Xylenes (mixed)	53,918.41	37.629
59	Zinc	268.30	0.332
60	Zinc oxide	92.71	0.129



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

Facility: Canyon Rock  
EIF ID: 27

7500 Mission Gorge Rd  
San Diego, CA 92120

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	19.6	560.2
2	Nitrogen Oxides (NOx)	3.3	17.0
3	Particulate Matter (PM10)	33.0	76.0
4	Sulfur Oxides (SOx)	0.6	1.7
5	Total Organic Gases (TOG)	7.9	22.0
6	Total Particulates (TSP)	64.7	136.7
7	Volatile Organic Compounds (VOC)	8.8	24.6

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,1,1-Trichloroethane	17.22	0.024
2	2,2,4-Trimethylpentane	14.40	0.020
3	2-Methyl naphthalene [PAH, POM]	34.26	0.048
4	Acenaphthene [PAH, POM]	1.25	0.002
5	Acenaphthylene [PAH, POM]	3.13	0.004
6	Acetone	3.27	0.005
7	Aluminum	758.53	0.977
8	Anthracene [PAH, POM]	0.28	<0.001
9	Antimony	0.06	<0.001
10	Arsenic (inorganic)	0.74	<0.001
11	Barium	7.80	0.010
12	Benzene	142.28	0.198
13	Benzo[a]Anthracene	0.15	<0.001
14	Benzo[a]Pyrene	<0.01	<0.001
15	Benzo[b]Fluoranthene	0.05	<0.001
16	Benzo[e]pyrene [PAH, POM]	0.06	<0.001
17	Benzo[g,h,i]perylene [PAH, POM]	0.02	<0.001
18	Benzo[k]Fluoranthene	0.02	<0.001
19	Beryllium	0.22	<0.001
20	Cadmium	0.07	<0.001



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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
21	Carbon Disulfide	0.94	0.001
22	Chloroethane	0.18	<0.001
23	Chromium, Hexavalent	0.07	<0.001
24	Chromium, Non-Hexavalent	1.37	0.002
25	Chromium, Total	0.26	<0.001
26	Chrysene [PAH, POM]	0.38	<0.001
27	Cobalt	0.79	<0.001
28	Copper	3.22	0.004
29	Crotonaldehyde	10.40	0.015
30	Cumene	2.08	0.003
31	Dibenz[a,h]Anthracene	<0.01	<0.001
32	Ethyl Benzene	93.04	0.130
33	Ethylene	2,572.53	3.586
34	Fluoranthene [PAH, POM]	0.42	<0.001
35	Fluorene [PAH, POM]	3.22	0.004
36	Formaldehyde	1,143.86	1.594
37	Hexane	337.22	0.470
38	Hydrogen Sulfide	19.63	0.027
39	Indeno(1,2,3-cd)Pyrene	<0.01	<0.001
40	Lead (inorganic)	1.20	0.001
41	Manganese	43.77	0.049
42	Mercury (inorganic)	0.18	<0.001
43	Methane	4,438.64	6.187
44	Methyl Bromide	0.40	<0.001
45	Methyl chloride {Chloromethane}	1.29	0.002
46	Methyl Ethyl Ketone	2.63	0.004
47	Methyl Tert Butyl Ether	0	0
48	Methylene Chloride	0.01	<0.001
49	Naphthalene	35.47	0.049
50	Nickel (except nickel oxide)	0.98	0.001
51	o-Xylene	4.00	0.006
52	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	17.64	0.025



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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
53	Perchloroethylene	0.15	<0.001
54	Perylene [PAH, POM]	0.06	<0.001
55	Phenanthrene [PAH, POM]	5.36	0.007
56	Phenol	1.44	0.002
57	Phosphorous	10.04	0.014
58	Pyrene [PAH, POM]	0.78	0.001
59	Quinone	96.85	0.135
60	Selenium	0.64	<0.001
61	Silica, Crystalline	5,277.22	5.752
62	Silver	0.17	<0.001
63	Styrene	0.37	<0.001
64	Thallium	<0.01	<0.001
65	Toluene	60.48	0.084
66	Trichloroethylene	0	0
67	Trichlorofluoromethane {Freon 11}	0.02	<0.001
68	Vanadium (fume or dust)	4.60	0.005
69	Xylenes (mixed)	88.22	0.123
70	Zinc	10.50	0.012



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

Facility: Cabrillo Power LLC  
EIF ID: 73

4600 Carlsbad Blvd  
Carlsbad, CA 92008

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	8.3	359.2
2	Nitrogen Oxides (NOx)	2.8	151.1
3	Particulate Matter (PM10)	2.2	97.7
4	Sulfur Oxides (SOx)	0.1	5.0
5	Total Organic Gases (TOG)	2.1	93.7
6	Total Particulates (TSP)	2.2	97.7
7	Volatile Organic Compounds (VOC)	1.0	47.0

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,2,4-Trimethylbenzene	0	0
2	1,3-Butadiene	0.11	0.010
3	Acetaldehyde	0.72	0.046
4	Acrolein	0.07	0.003
5	Aluminum	0	0
6	Arsenic (inorganic)	<0.01	<0.001
7	Benzene	0.97	0.028
8	Cadmium	<0.01	<0.001
9	Chlorobenzene	<0.01	<0.001
10	Chromium, Hexavalent	<0.01	<0.001
11	Chromium, Non-Hexavalent	<0.01	<0.001
12	Copper	<0.01	<0.001
13	Dichlorobenzenes (mixed isomers)	0.44	0.010
14	Diesel Particulate	14.09	1.424
15	Ethyl Benzene	0.27	0.009
16	Formaldehyde	34.52	0.868
17	Hexane	664.29	14.416
18	Hydrogen Chloride	0.09	0.008
19	Lead (inorganic)	<0.01	<0.001
20	Manganese	<0.01	<0.001
21	Mercury (inorganic)	<0.01	<0.001



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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Naphthalene	0.25	0.006
23	Nickel (except nickel oxide)	<0.01	<0.001
24	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.04	0.002
25	Propylene	0.23	0.021
26	Selenium	<0.01	<0.001
27	Toluene	2.40	0.067
28	Xylenes (mixed)	0.56	0.019
29	Zinc	0.01	0.001





# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

Facility: SFPP LP  
EIF ID: 91

9950 San Diego Mission Rd  
San Diego, CA 92108

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	4.3	1.4
2	Nitrogen Oxides (NOx)	4.1	2.0
3	Particulate Matter (PM10)	<0.1	<0.1
4	Sulfur Oxides (SOx)	<0.1	<0.1
5	Total Organic Gases (TOG)	64.3	34.1
6	Total Particulates (TSP)	<0.1	<0.1
7	Volatile Organic Compounds (VOC)	64.3	34.1

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	<0.01	0.001
2	2,2,4-Trimethylpentane	551.30	0.063
3	Acetaldehyde	<0.01	0.005
4	Acrolein	<0.01	<0.001
5	Arsenic (inorganic)	<0.01	<0.001
6	Benzene	324.52	0.038
7	Cadmium	<0.01	<0.001
8	Chlorobenzene	<0.01	<0.001
9	Chromium, Hexavalent	<0.01	<0.001
10	Chromium, Non-Hexavalent	<0.01	<0.001
11	Copper	<0.01	<0.001
12	Dichlorobenzenes (mixed isomers)	<0.01	<0.001
13	Diesel Particulate	0.03	0.035
14	Ethanol	2,567.94	0.293
15	Ethyl Benzene	88.24	0.010
16	Formaldehyde	0.12	0.011
17	Hexane	1,105.04	0.131
18	Hydrogen Chloride	<0.01	0.001
19	Lead (inorganic)	<0.01	<0.001
20	Manganese	<0.01	<0.001
21	Mercury (inorganic)	<0.01	<0.001



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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Naphthalene	<0.01	<0.001
23	Nickel (except nickel oxide)	<0.01	<0.001
24	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	<0.01	<0.001
25	Propylene	<0.01	0.003
26	Selenium	<0.01	<0.001
27	Toluene	875.82	0.101
28	Xylenes (mixed)	324.52	0.037
29	Zinc	<0.01	<0.001



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** Fleet Readiness Center Southwest  
**EIF ID:** 94

NAS North Island  
 San Diego, CA 92135

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	16.5	121.4
2	Nitrogen Oxides (NOx)	21.1	517.5
3	Particulate Matter (PM10)	2.4	39.8
4	Sulfur Oxides (SOx)	0.4	7.8
5	Total Organic Gases (TOG)	53.8	951.0
6	Total Particulates (TSP)	2.4	39.8
7	Volatile Organic Compounds (VOC)	46.2	908.1

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,1,1-Trichloroethane	0	0
2	1,2,4-Trimethylbenzene	295.50	7.388
3	1,3-Butadiene	150.98	2.160
4	2,2,4-Trimethylpentane	66.20	0.089
5	4,4'-Isopropylidenediphenol [POM]	437.47	4.134
6	Acetaldehyde	251.39	3.738
7	Acetone	2,247.93	15.493
8	Acrolein	21.06	0.403
9	Aluminum	41.27	0.279
10	Aluminum oxide (fibrous forms)	0.05	0.054
11	Antimony trioxide	<0.01	<0.001
12	Arsenic (inorganic)	0.41	0.006
13	Barium	0.76	0.027
14	Benzene	183.18	1.952
15	Butanol	155.92	1.656
16	Cadmium	0.39	0.029
17	Carbon black extracts	2.07	0.022
18	Chlorobenzene	13.14	0.186
19	Chlorobenzotrifluoride,para	653.54	14.697
20	Chloroform	0	0



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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
21	Chromium, Hexavalent	0.74	0.025
22	Chromium, Non-Hexavalent	3.10	0.209
23	Chromium, Total	<0.01	<0.001
24	Cobalt	0.24	0.063
25	Copper	8.62	0.536
26	Copper and Copper Compounds	<0.01	<0.001
27	Cumene	26.96	0.290
28	Cyclohexane	10.85	0.047
29	Dibutyl Phthalate	0	0
30	Dichlorobenzene	0	0
31	Dichlorobenzenes (mixed isomers)	0.49	<0.001
32	Diesel Particulate	792.86	15.099
33	Dipropylene glycol	<0.01	<0.001
34	Epoxy resins	1,681.01	28.215
35	Ethane	218.60	1.778
36	Ethanol	27.39	0.667
37	Ethyl Benzene	221.84	4.049
38	Ethylene Glycol Butyl Ether	1,916.12	12.449
39	Ethylene Glycol Ethyl Ether	0	0
40	Ethylene Glycol Methyl Ether	0	0
41	Ethylene glycol monopropyl ether	20.84	1.271
42	Formaldehyde	784.60	12.383
43	Glycol Ethers, Unspecified	0	0
44	Hexamethylene-1,6-diisocyanate	14.19	0.248
45	Hexane	876.62	0.858
46	Hydrogen Chloride	7.81	0.169
47	Hydrogen Fluoride	0	0
48	Isocyanates, Unspecified	754.67	14.230
49	Isopropyl Alcohol	8,979.44	55.022
50	Lead (inorganic)	1.62	0.377
51	Manganese	6.46	0.404
52	Mercury (inorganic)	0.08	0.002
53	Methanol	2.24	0.105
54	Methyl Acetate	460.94	0.994



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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
55	Methyl Ethyl Ketone	5,887.78	32.714
56	Methyl Isobutyl Ketone	8,874.17	44.954
57	Methylene Chloride	9,327.40	4.641
58	Methylene Diphenyl Isocyanate	29.65	0.409
59	M-Pyrol	8.50	0.128
60	Naphthalene	12.82	0.203
61	Nickel (except nickel oxide)	5.47	0.412
62	Nitric Acid	139.50	0.771
63	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	47.88	0.674
64	Perchloroethylene	0	0
65	Phenol	3,497.96	1.966
66	Phosphoric acid	168.89	0.823
67	Phosphorous	0.03	0.005
68	Propylene	19.61	0.425
69	Propylene Glycol Methyl Ether	546.96	32.938
70	Propylene glycol monomethyl ether acetate	175.67	1.135
71	sec-Butyl alcohol	0.70	0.039
72	Selenium	0.09	0.002
73	Silica, Crystalline	20.22	0.688
74	Silver	0.10	0.016
75	Styrene	11.26	0.275
76	Sulfuric Acid	68.56	1.097
77	t-Butyl acetate	2.51	0.018
78	tert-Butyl alcohol	1.37	0.084
79	Thallium	2.30	1.157
80	Toluene	384.52	5.185
81	Triethylamine	0.32	0.006
82	Xylenes	0	0
83	Xylenes (mixed)	727.60	15.267
84	Zinc	3.08	0.258



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

Facility: CP Kelco  
EIF ID: 118

2025 East Harbor Dr  
San Diego, CA 92113

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	11.3	4.9
2	Nitrogen Oxides (NOx)	29.9	15.8
3	Particulate Matter (PM10)	6.7	2.8
4	Sulfur Oxides (SOx)	0.5	0.2
5	Total Organic Gases (TOG)	33.0	40.5
6	Total Particulates (TSP)	6.7	2.8
7	Volatile Organic Compounds (VOC)	11.4	31.7

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0.44	<0.001
2	Acetaldehyde	44.62	0.009
3	Acrolein	7.11	0.001
4	Arsenic (inorganic)	0	0
5	Benzene	4.48	<0.001
6	Cadmium	0	0
7	Chromium, Hexavalent	0	0
8	Chromium, Non-Hexavalent	0	0
9	Copper	0	0
10	Dichlorobenzenes (mixed isomers)	0.80	<0.001
11	Ethyl Benzene	35.65	0.007
12	Formaldehyde	71.62	0.015
13	Hexane	1,193.94	0.260
14	Isopropyl Alcohol	18,973.31	30.877
15	Lead (inorganic)	0	0
16	Manganese	0	0
17	Mercury (inorganic)	0	0
18	Naphthalene	1.83	<0.001
19	Nickel (except nickel oxide)	0	0



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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
20	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	2.41	<0.001
21	Propylene	0	0
22	Selenium	0	0
23	Toluene	13.19	0.003
24	Xylenes (mixed)	71.42	0.014
25	Zinc	0	0

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# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Hanson Aggregates Pacific Southwest Inc  
**EIF ID:** 138

9255 Camino Santa Fe  
San Diego, CA 92121

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#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
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Facility retired all their APCD Permits





# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** Atlantic Power  
**EIF ID:** 149

Applied Energy LLC MCRD/NTC  
 Facility  
 San Diego, CA 92133

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	0.6	6.2
2	Nitrogen Oxides (NOx)	3.9	16.2
3	Particulate Matter (PM10)	3.6	9.9
4	Sulfur Oxides (SOx)	<0.1	0.2
5	Total Organic Gases (TOG)	1.2	3.9
6	Total Particulates (TSP)	3.6	9.9
7	Volatile Organic Compounds (VOC)	0.2	1.2

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0.10	0.001
2	Acetaldehyde	8.48	0.014
3	Acrolein	1.34	0.002
4	Arsenic (inorganic)	<0.01	<0.001
5	Benzene	2.53	0.004
6	Cadmium	<0.01	<0.001
7	Chlorobenzene	<0.01	<0.001
8	Chromium, Hexavalent	<0.01	<0.001
9	Chromium, Non-Hexavalent	<0.01	<0.001
10	Copper	<0.01	<0.001
11	Dichlorobenzenes (mixed isomers)	<0.01	<0.001
12	Diesel Particulate	17.46	0.364
13	Ethyl Benzene	6.72	0.009
14	Formaldehyde	149.49	0.201
15	Hexane	0.73	0.120
16	Hydrogen Chloride	0.02	<0.001
17	Lead (inorganic)	<0.01	<0.001
18	Manganese	<0.01	<0.001
19	Mercury (inorganic)	<0.01	<0.001
20	Naphthalene	0.27	<0.001



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
21	Nickel (except nickel oxide)	<0.01	<0.001
22	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.46	<0.001
23	Propylene	0.04	0.002
24	Selenium	<0.01	<0.001
25	Toluene	27.35	0.035
26	Xylenes (mixed)	13.47	0.017
27	Zinc	<0.01	<0.001



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** USMC Base Marine Group Ops  
**EIF ID:** 221

Building 1133  
 Camp Pendleton, CA 92055

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	24.7	297.8
2	Nitrogen Oxides (NOx)	58.0	1,465.3
3	Particulate Matter (PM10)	4.8	54.4
4	Sulfur Oxides (SOx)	0.2	3.5
5	Total Organic Gases (TOG)	2,969.7	1,657.1
6	Total Particulates (TSP)	5.9	56.2
7	Volatile Organic Compounds (VOC)	39.8	617.7

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,1,1-Trichloroethane	59.29	0.007
2	1,2,4-Trimethylbenzene	786.20	23.312
3	1,3-Butadiene	51.92	0.759
4	2,2,4-Trimethylpentane	94.46	0.162
5	Acetaldehyde	202.09	3.505
6	Acetone	834.81	17.111
7	Acrolein	28.96	0.231
8	Acrylonitrile	26.66	0.003
9	Aluminum	2.50	0.010
10	Ammonia	4,723.71	0.540
11	Arsenic (inorganic)	0.21	0.006
12	Barium	60.31	0.553
13	Benzene	287.93	1.036
14	Benzyl Chloride	0.09	<0.001
15	Beryllium	<0.01	<0.001
16	Bromodichloromethane	0.02	<0.001
17	Bromoform	0.02	<0.001
18	Butanol	174.21	11.937
19	Cadmium	0.12	0.003
20	Carbon Disulfide	42.61	0.005
21	Carbon Tetrachloride	3.11	<0.001



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Carbonyl Sulfide	26.89	0.003
23	Chlorine	7.81	0.001
24	Chlorobenzene	25.73	0.003
25	Chlorofluorocarbons	130.99	0.015
26	Chloroform	13.49	0.002
27	Chromium, Hexavalent	0.02	0.009
28	Chromium, Non-Hexavalent	7.97	0.976
29	Cobalt	0	0
30	Copper	0.46	0.010
31	Dichlorobenzenes (mixed isomers)	0.57	<0.001
32	Diesel Particulate	3,080.78	22.889
33	Dimethyl Sulfide	443.87	0.051
34	Dioxane,1,4-	12.05	0.002
35	Ethyl Benzene	688.58	2.777
36	Ethylene Dichloride	56.36	0.007
37	Ethylene Glycol	3.45	0.182
38	Formaldehyde	1,026.54	16.279
39	Glycol Ethers, Unspecified	0	0
40	Hexane	1,585.02	5.852
41	Hydrogen Chloride	14.28	0.381
42	Hydrogen Sulfide	1,151.24	0.132
43	Isopropyl Alcohol	3.11	0.745
44	Lead (inorganic)	0.71	0.018
45	Manganese	0.96	0.009
46	Mercury (inorganic)	0.16	0.005
47	Methane	37.81	0.005
48	Methanol	39.27	2.777
49	Methyl Ethyl Ketone	488.14	7.700
50	Methyl Isobutyl Ketone	175.09	0.413
51	Methyl Tert Butyl Ether	0	0
52	Methylene Chloride	1,207.33	3.084
53	M-Pyrol	55.35	2.700
54	Naphthalene	10.01	0.101
55	Nickel (except nickel oxide)	0.33	0.009



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
56	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	12.53	0.148
57	p-Dichlorobenzene {1,4- Dichlorobenzene}	1.42	<0.001
58	Perchloroethylene	569.91	0.065
59	Phenol	52.77	3.411
60	Propylene	35.86	0.958
61	propylene carbonate	385.00	13.400
62	Selenium	0.18	0.007
63	Silica, Crystalline	140.86	0.131
64	Sodium Hydroxide	5.97	<0.001
65	Styrene	4.18	0.023
66	Toluene	3,920.10	7.921
67	Trichloroethylene	344.83	0.039
68	Trimethylbenzenes	0.05	<0.001
69	Vinyl Chloride	419.10	0.048
70	Vinylidene Chloride	17.71	0.002
71	Xylenes (mixed)	2,231.85	16.066
72	Zinc	535.46	2.152



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** SD State University  
**EIF ID:** 351

5500 Campanile Dr  
 San Diego, CA 92182

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	2.2	109.9
2	Nitrogen Oxides (NOx)	14.4	335.4
3	Particulate Matter (PM10)	1.8	10.0
4	Sulfur Oxides (SOx)	0.2	0.3
5	Total Organic Gases (TOG)	3.1	27.2
6	Total Particulates (TSP)	1.8	10.0
7	Volatile Organic Compounds (VOC)	0.8	22.8

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	1.07	0.110
2	2,2,4-Trimethylpentane	0	0
3	Acetaldehyde	23.98	0.409
4	Acrolein	3.46	0.019
5	Arsenic (inorganic)	<0.01	<0.001
6	Benzene	7.01	0.100
7	Cadmium	<0.01	<0.001
8	Chlorobenzene	<0.01	<0.001
9	Chromium, Hexavalent	<0.01	<0.001
10	Chromium, Non-Hexavalent	<0.01	<0.001
11	Copper	0.02	0.002
12	Dichlorobenzenes (mixed isomers)	<0.01	<0.001
13	Diesel Particulate	67.71	7.771
14	Ethyl Benzene	16.70	0.015
15	Formaldehyde	377.64	1.122
16	Hexane	10.68	0.072
17	Hydrogen Chloride	0.73	0.093
18	Lead (inorganic)	0.03	0.004
19	Manganese	0.01	0.002
20	Mercury (inorganic)	<0.01	<0.001
21	Methanol	0.07	0.007



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Methylene Chloride	<0.01	<0.001
23	Naphthalene	0.75	0.010
24	Nickel (except nickel oxide)	0.02	0.002
25	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	1.27	0.019
26	Propylene	1.84	0.233
27	Selenium	<0.01	0.001
28	Toluene	68.18	0.092
29	Xylenes (mixed)	33.53	0.040
30	Zinc	0.09	0.011



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** Atlantic Power  
**EIF ID:** 415

Applied Energy LLC NAVSTA Facility  
San Diego, CA 92136

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	1.6	4.9
2	Nitrogen Oxides (NOx)	5.0	18.0
3	Particulate Matter (PM10)	4.3	11.2
4	Sulfur Oxides (SOx)	0.1	0.4
5	Total Organic Gases (TOG)	2.4	7.1
6	Total Particulates (TSP)	4.3	11.2
7	Volatile Organic Compounds (VOC)	0.5	2.1

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0.19	0.002
2	Acetaldehyde	17.23	0.027
3	Acrolein	2.73	0.003
4	Arsenic (inorganic)	<0.01	<0.001
5	Benzene	5.15	0.008
6	Cadmium	<0.01	<0.001
7	Chlorobenzene	<0.01	<0.001
8	Chromium, Hexavalent	<0.01	<0.001
9	Chromium, Non-Hexavalent	<0.01	<0.001
10	Copper	<0.01	<0.001
11	Dichlorobenzenes (mixed isomers)	<0.01	<0.001
12	Diesel Particulate	8.73	0.364
13	Ethyl Benzene	13.69	0.016
14	Formaldehyde	304.40	0.377
15	Hexane	0.72	0.186
16	Hydrogen Chloride	0.02	0.002
17	Lead (inorganic)	<0.01	<0.001
18	Manganese	<0.01	<0.001
19	Mercury (inorganic)	<0.01	<0.001
20	Naphthalene	0.55	<0.001
21	Nickel (except nickel oxide)	<0.01	<0.001





# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** Robertson's Ready Mix  
**EIF ID:** 556

2094 Willow Glen Dr  
El Cajon, CA 92019

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	5.8	527.3
2	Nitrogen Oxides (NOx)	1.5	133.8
3	Particulate Matter (PM10)	12.8	15.5
4	Sulfur Oxides (SOx)	0.2	15.7
5	Total Organic Gases (TOG)	0	0
6	Total Particulates (TSP)	28.8	34.1
7	Volatile Organic Compounds (VOC)	0	0

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0	0
2	Acetaldehyde	0	0
3	Acrolein	0	0
4	Aluminum	464.99	0.285
5	Arsenic (inorganic)	0.46	<0.001
6	Barium	3.61	0.002
7	Benzene	0	0
8	Beryllium	0.03	<0.001
9	Cadmium	0.03	<0.001
10	Chlorobenzene	0	0
11	Chromium, Hexavalent	0	0
12	Chromium, Non-Hexavalent	0.95	<0.001
13	Cobalt	0.12	<0.001
14	Copper	1.78	0.001
15	Diesel Particulate	0	0
16	Ethyl Benzene	0	0
17	Formaldehyde	0	0
18	Hexane	0	0
19	Hydrogen Chloride	0	0
20	Lead (inorganic)	0.84	<0.001
21	Manganese	13.72	0.008



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Mercury (inorganic)	0	0
23	Naphthalene	0	0
24	Nickel (except nickel oxide)	0.67	<0.001
25	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0	0
26	Propylene	0	0
27	Selenium	0.03	<0.001
28	Silica, Crystalline	2,554.92	1.546
29	Toluene	0	0
30	Xylenes (mixed)	0	0
31	Zinc	2.66	0.002



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

Facility: Solar Turbines Inc  
EIF ID: 1795

4200 Ruffin Rd  
San Diego, CA 92123

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	41.1	93.5
2	Nitrogen Oxides (NOx)	75.4	292.1
3	Particulate Matter (PM10)	8.1	30.5
4	Sulfur Oxides (SOx)	<0.1	0.5
5	Total Organic Gases (TOG)	22.2	147.3
6	Total Particulates (TSP)	8.1	30.5
7	Volatile Organic Compounds (VOC)	14.0	132.7

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,2,4-Trimethylbenzene	285.69	1.825
2	1,3-Butadiene	0.64	0.008
3	Acetaldehyde	29.54	0.039
4	Acetone	34.44	0.187
5	Acrolein	4.69	0.005
6	Arsenic (inorganic)	<0.01	<0.001
7	Benzene	9.98	0.024
8	Cadmium	<0.01	<0.001
9	Chlorobenzene	<0.01	<0.001
10	Chromium, Hexavalent	<0.01	<0.001
11	Chromium, Non-Hexavalent	0.02	0.003
12	Copper	0.53	0.006
13	Cumene	0.84	0.032
14	Dichlorobenzenes (mixed isomers)	0.02	<0.001
15	Diesel Particulate	24.26	2.739
16	Ethanol	40.23	0.146
17	Ethyl Benzene	124.93	0.419
18	Formaldehyde	529.73	0.553
19	Glycol Ethers, Unspecified	1,406.65	7.193
20	Hexane	32.04	0.033
21	Hydrogen Chloride	0.03	0.003



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Isopropyl Alcohol	2,270.40	13.200
23	Lead (inorganic)	<0.01	<0.001
24	Manganese	0.21	0.005
25	Mercury (inorganic)	<0.01	<0.001
26	Naphthalene	5.61	0.161
27	Nickel (except nickel oxide)	<0.01	<0.001
28	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	2.41	0.011
29	Propylene	0.07	0.008
30	Propylene glycol monomethyl ether acetate	585.49	3.176
31	Selenium	1.44	0.016
32	Silica, Crystalline	0.14	0.141
33	Toluene	95.73	0.086
34	Xylenes (mixed)	633.51	2.285
35	Zinc	5.04	0.035



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** City of San Diego Metro Wastewater Dept.  
**EIF ID:** 3680

1902 Gatchell Rd  
San Diego, CA 92106

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	179.9	51.8
2	Nitrogen Oxides (NOx)	43.4	20.3
3	Particulate Matter (PM10)	9.4	4.1
4	Sulfur Oxides (SOx)	0.8	0.4
5	Total Organic Gases (TOG)	70.8	22.9
6	Total Particulates (TSP)	9.4	4.1
7	Volatile Organic Compounds (VOC)	37.5	11.1

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,1,1-Trichloroethane	7.70	0.002
2	1,3-Butadiene	<0.01	0.003
3	Acetaldehyde	0.43	0.009
4	Acetone	29.49	0.008
5	Acrolein	<0.01	<0.001
6	Ammonia	15,284.42	4.448
7	Arsenic (inorganic)	0.44	<0.001
8	Benzene	115.84	0.033
9	Benzyl Chloride	7.83	0.002
10	Bromodichloromethane	2.44	<0.001
11	Bromoform	1.71	<0.001
12	Cadmium	<0.01	<0.001
13	Carbon Disulfide	3.48	<0.001
14	Carbon Tetrachloride	0.83	<0.001
15	Chlorobenzene	0.87	<0.001
16	Chlorofluorocarbons	10.62	0.003
17	Chloroform	39.13	0.010
18	Chromium, Hexavalent	<0.01	<0.001
19	Chromium, Non-Hexavalent	<0.01	<0.001
20	Copper	<0.01	<0.001
21	Dichlorobenzenes (mixed isomers)	1.49	<0.001



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Diesel Particulate	2.92	0.902
23	Dimethyl Sulfide	1.68	<0.001
24	Ethyl Benzene	1.74	<0.001
25	Ethylene Dichloride	3.97	0.001
26	Formaldehyde	25,692.67	3.459
27	Hexane	40.89	0.010
28	Hydrogen Chloride	534.29	0.133
29	Hydrogen Sulfide	181.75	0.054
30	Lead (inorganic)	<0.01	<0.001
31	Manganese	<0.01	<0.001
32	Mercury (inorganic)	<0.01	<0.001
33	Methane	3,157.66	0.819
34	Methanol	0.14	<0.001
35	Methyl Ethyl Ketone	1.03	<0.001
36	Methylene Chloride	31.86	0.008
37	Naphthalene	<0.01	<0.001
38	Nickel (except nickel oxide)	<0.01	<0.001
39	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	<0.01	<0.001
40	p-Dichlorobenzene {1,4-Dichlorobenzene}	1.01	<0.001
41	Perchloroethylene	16.14	0.005
42	Propylene	0.02	0.006
43	Selenium	<0.01	<0.001
44	Sodium Hydroxide	3.30	<0.001
45	Styrene	0.55	<0.001
46	Toluene	66.24	0.021
47	Trichloroethylene	1.01	<0.001
48	Trimethylbenzenes	4.52	0.001
49	Vinyl Chloride	0.37	<0.001
50	Xylenes (mixed)	10.79	0.003
51	Zinc	<0.01	<0.001



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** Watkins Manufacturing Corp  
**EIF ID:** 4146

1280 Park Center Dr  
 Vista, CA 92081

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	8.1	4.1
2	Nitrogen Oxides (NOx)	0.6	0.6
3	Particulate Matter (PM10)	0.7	0.3
4	Sulfur Oxides (SOx)	<0.1	<0.1
5	Total Organic Gases (TOG)	14.2	170.6
6	Total Particulates (TSP)	0.7	0.3
7	Volatile Organic Compounds (VOC)	7.7	81.3

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	4.81	0.001
2	Acetaldehyde	19.91	0.004
3	Acetone	6,659.48	4.137
4	Acrolein	0.69	<0.001
5	Benzene	11.10	0.002
6	Benzoyl peroxide	0	0
7	Dichlorobenzenes (mixed isomers)	<0.01	<0.001
8	Ethyl Benzene	0.21	<0.001
9	Ethylene Glycol	0	0
10	Formaldehyde	143.63	0.031
11	Glycol Ethers, Unspecified	471.38	0.270
12	Hexane	3.06	0.013
13	Methanol	21.28	0.005
14	Methyl Ethyl Ketone	2,743.61	3.590
15	Methyl Methacrylate	2,004.40	1.348
16	Methylene Chloride	0.27	<0.001
17	Methylene Diphenyl Isocyanate	46.69	0.027
18	Naphthalene	0.69	<0.001
19	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.69	<0.001



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
20	Styrene	1,707.15	41.556
21	Toluene	4.13	<0.001
22	Xylenes (mixed)	1.37	<0.001





# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** USMC MCAS Miramar  
**EIF ID:** 4824

USMC Miramar  
 San Diego, CA 92145

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	1.4	52.3
2	Nitrogen Oxides (NOx)	22.5	383.5
3	Particulate Matter (PM10)	0.3	8.7
4	Sulfur Oxides (SOx)	1.0	10.5
5	Total Organic Gases (TOG)	22.1	323.9
6	Total Particulates (TSP)	0.3	8.7
7	Volatile Organic Compounds (VOC)	22.1	321.4

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	608.07	3.280
2	2,2,4-Trimethylpentane	58.39	0.118
3	Acetaldehyde	942.98	5.260
4	Acrolein	627.37	3.311
5	Aluminum	<0.01	<0.001
6	Arsenic (inorganic)	1.36	0.008
7	Benzene	583.66	3.061
8	Cadmium	0.04	<0.001
9	Chlorobenzene	<0.01	<0.001
10	Chromium, Hexavalent	<0.01	<0.001
11	Chromium, Non-Hexavalent	0.03	<0.001
12	Copper	0.12	0.002
13	Diesel Particulate	68.42	5.936
14	Ethyl Benzene	106.75	0.411
15	Formaldehyde	2,812.83	15.470
16	Hexane	140.55	0.427
17	Hydrogen Chloride	3.32	0.089
18	Lead (inorganic)	0.15	0.004
19	Manganese	0.06	0.001
20	Mercury (inorganic)	0.04	<0.001
21	Methanol	0.05	0.001



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Methylene Chloride	<0.01	<0.001
23	Naphthalene	172.57	0.915
24	Nickel (except nickel oxide)	0.08	0.002
25	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	198.28	1.056
26	Phenol	93.17	0.490
27	Propylene	8.34	0.223
28	Selenium	0.04	0.001
29	Silica, Crystalline	0	0
30	Styrene	104.46	0.549
31	Toluene	458.70	1.575
32	Xylenes (mixed)	258.40	1.195
33	Zinc	2.97	0.024



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** USN Nav Sta 1 SCE  
**EIF ID:** 4845

Naval Station  
 San Diego, CA 92136

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	18.3	78.9
2	Nitrogen Oxides (NOx)	44.2	184.5
3	Particulate Matter (PM10)	6.2	247.1
4	Sulfur Oxides (SOx)	<0.1	0.4
5	Total Organic Gases (TOG)	30.9	705.1
6	Total Particulates (TSP)	6.2	247.1
7	Volatile Organic Compounds (VOC)	27.5	686.3

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,1,1-Trichloroethane	0	0
2	1,2,4-Trimethylbenzene	90.37	2.040
3	1,3-Butadiene	24.66	0.184
4	2,2,4-Trimethylpentane	73.99	0.089
5	Acetaldehyde	88.97	0.666
6	Acetone	5,083.33	2.542
7	Acrolein	3.85	0.029
8	Aluminum	48.05	0.491
9	Aluminum oxide (fibrous forms)	0.08	<0.001
10	Arsenic (inorganic)	0.18	0.001
11	Benzene	87.43	0.219
12	Beryllium	0.04	<0.001
13	Cadmium	3.66	0.111
14	Chlorobenzene	0.02	<0.001
15	Chlorobenzotrifluoride,para	451.86	10.200
16	Chloroform	0	0
17	Chromium, Hexavalent	0.99	0.032
18	Chromium, Non-Hexavalent	37.04	1.167
19	Cobalt	0.04	<0.001
20	Copper	216.31	13.041
21	Cumene	107.07	0.785



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Dichlorobenzene	0	0
23	Dichlorobenzenes (mixed isomers)	0.13	<0.001
24	Diesel Particulate	3,724.63	6.772
25	Ethyl Benzene	67.99	0.146
26	Formaldehyde	217.05	1.516
27	Glycol Ethers, Unspecified	0	0
28	Hexane	357.21	0.886
29	Hydrogen Chloride	21.13	0.158
30	Isopropyl Alcohol	6.55	3.275
31	Lead (inorganic)	4.09	0.106
32	Manganese	46.90	1.201
33	Mercury (inorganic)	0.23	0.002
34	Methylene Chloride	0	0
35	Naphthalene	2.31	0.017
36	Nickel (except nickel oxide)	40.60	1.289
37	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	4.11	0.031
38	Perchloroethylene	0	0
39	Phosphorous	0.32	0.001
40	Propylene	53.06	0.397
41	Propylene Glycol Methyl Ether	110.82	3.048
42	Selenium	0.25	0.002
43	Silica, Crystalline	28.44	24.800
44	Silver	1.42	0.028
45	Toluene	380.95	0.250
46	Xylenes	0	0
47	Xylenes (mixed)	140.47	0.767
48	Zinc	2.80	0.026



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** Encina Wastewater Authority  
**EIF ID:** 5985

6200 Avenida Encinas  
Carlsbad, CA 92011

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	125.2	73.6
2	Nitrogen Oxides (NOx)	33.5	39.4
3	Particulate Matter (PM10)	8.2	5.3
4	Sulfur Oxides (SOx)	1.3	0.6
5	Total Organic Gases (TOG)	38.0	61.1
6	Total Particulates (TSP)	8.2	5.3
7	Volatile Organic Compounds (VOC)	18.9	12.9

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,1,1-Trichloroethane	50.04	0.013
2	1,3-Butadiene	9.25	0.026
3	Acetaldehyde	87.13	0.231
4	Acetone	0.03	<0.001
5	Acrolein	1.10	0.003
6	Aluminum	0	0
7	Ammonia	1,091.43	0.242
8	Arsenic (inorganic)	0.63	<0.001
9	Benzene	85.33	0.078
10	Beryllium	0	0
11	Cadmium	0.09	<0.001
12	Carbon Disulfide	106.22	0.028
13	Chlorine	91.74	0.024
14	Chlorobenzene	0.08	<0.001
15	Chlorofluorocarbons	14.80	0.004
16	Chloroform	234.24	0.062
17	Chromium, Hexavalent	<0.01	<0.001
18	Chromium, Non-Hexavalent	<0.01	<0.001
19	Copper	7.29	0.002
20	Dichlorobenzenes (mixed isomers)	0.58	<0.001
21	Diesel Particulate	5.56	0.371



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Dioxane,1,4-	284.49	0.076
23	Ethyl Benzene	1.61	0.003
24	Ethylene Dichloride	498.85	0.133
25	Formaldehyde	12,134.19	4.236
26	Hexane	132.17	0.044
27	Hydrogen Chloride	261.67	0.072
28	Hydrogen Sulfide	587.27	0.134
29	Lead (inorganic)	0.24	<0.001
30	Manganese	<0.01	<0.001
31	Mercury (inorganic)	0.01	<0.001
32	Methane	1,341.65	0.356
33	Methanol	27.73	0.070
34	Methyl Ethyl Ketone	0.04	<0.001
35	Methyl Tert Butyl Ether	<0.01	<0.001
36	Methylene Chloride	291.23	0.081
37	Naphthalene	1.14	0.003
38	Nickel (except nickel oxide)	0.29	<0.001
39	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	1.54	0.004
40	p-Dichlorobenzene {1,4- Dichlorobenzene}	67.05	0.018
41	Perchloroethylene	128.64	0.034
42	Phenol	0.44	0.001
43	Propylene	0.09	0.006
44	Selenium	<0.01	<0.001
45	Sodium Hydroxide	10.27	0.003
46	Styrene	<0.01	<0.001
47	Toluene	62.98	0.045
48	Trichloroethylene	301.45	0.080
49	Xylenes (mixed)	12.20	0.011
50	Zinc	12.52	0.003



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

Facility: Otay Landfill Gas LLC  
EIF ID: 6068

1600 Maxwell Rd  
Chula Vista, CA 91911

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	133.8	71.7
2	Nitrogen Oxides (NOx)	21.8	14.4
3	Particulate Matter (PM10)	11.3	6.6
4	Sulfur Oxides (SOx)	3.6	2.1
5	Total Organic Gases (TOG)	385.8	259.4
6	Total Particulates (TSP)	11.3	6.6
7	Volatile Organic Compounds (VOC)	30.1	15.3

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,1,1-Trichloroethane	3.25	<0.001
2	Acetone	20.86	0.006
3	Acrylonitrile	1.48	<0.001
4	Ammonia	0	0
5	Arsenic (inorganic)	13.88	0.004
6	Benzene	7.68	0.002
7	Carbon Disulfide	2.26	<0.001
8	Carbonyl Sulfide	1.48	<0.001
9	Chlorobenzene	1.48	<0.001
10	Chlorofluorocarbons	7.28	0.002
11	Chloroform	0.20	<0.001
12	Dimethyl Sulfide	24.80	0.007
13	Ethyl Benzene	24.99	0.007
14	Ethylene Dichloride	2.07	<0.001
15	Formaldehyde	49,417.93	12.382
16	Hexane	28.93	0.008
17	Hydrogen Chloride	7,311.46	2.140
18	Hydrogen Sulfide	61.80	0.018
19	Methane	711,463.94	244.075
20	Methyl Ethyl Ketone	26.18	0.008
21	Methyl Isobutyl Ketone	9.55	0.003



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Methylene Chloride	62.09	0.018
23	Perchloroethylene	31.59	0.009
24	Toluene	185.10	0.054
25	Trichloroethylene	18.89	0.006
26	Vinyl Chloride	23.42	0.007
27	Xylenes (mixed)	65.64	0.019

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# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** Sycamore Energy 1 LLC  
**EIF ID:** 6257

8514 Mast Blvd  
Santee, CA 92071

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	47.1	33.2
2	Nitrogen Oxides (NOx)	18.2	7.7
3	Particulate Matter (PM10)	1.1	0.5
4	Sulfur Oxides (SOx)	3.0	1.5
5	Total Organic Gases (TOG)	8.4	6.9
6	Total Particulates (TSP)	1.1	0.5
7	Volatile Organic Compounds (VOC)	1.5	1.1

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,1,1-Trichloroethane	2.69	<0.001
2	Acetone	17.28	0.004
3	Acrylonitrile	1.22	<0.001
4	Ammonia	0	0
5	Arsenic (inorganic)	15.00	0.004
6	Benzene	6.36	0.002
7	Carbon Disulfide	1.87	<0.001
8	Carbonyl Sulfide	1.22	<0.001
9	Chlorobenzene	1.22	<0.001
10	Chlorofluorocarbons	6.03	0.001
11	Chloroform	0.16	<0.001
12	Dimethyl Sulfide	20.54	0.005
13	Ethyl Benzene	20.70	0.005
14	Ethylene Dichloride	1.71	<0.001
15	Formaldehyde	2,084.64	0.781
16	Hexane	23.97	0.006
17	Hydrogen Chloride	6,052.41	1.470
18	Hydrogen Sulfide	51.19	0.012
19	Methane	13,836.20	5.861
20	Methyl Ethyl Ketone	21.68	0.005
21	Methyl Isobutyl Ketone	7.91	0.002



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Methylene Chloride	51.44	0.012
23	Perchloroethylene	26.17	0.006
24	Toluene	153.33	0.037
25	Trichloroethylene	15.65	0.004
26	Vinyl Chloride	19.40	0.005
27	Vinylidene Chloride	0.82	<0.001
28	Xylenes (mixed)	54.37	0.013



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** Vulcan Materials Western Division Calmat  
**EIF ID:** 6306

10051 Black Mountain Rd  
San Diego, CA 92126

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	26.3	59.5
2	Nitrogen Oxides (NOx)	3.5	8.0
3	Particulate Matter (PM10)	29.7	42.9
4	Sulfur Oxides (SOx)	0.9	1.4
5	Total Organic Gases (TOG)	3.0	4.5
6	Total Particulates (TSP)	65.1	90.6
7	Volatile Organic Compounds (VOC)	1.6	2.5

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	2-Methyl naphthalene [PAH, POM]	28.18	0.021
2	Acenaphthene [PAH, POM]	0.36	<0.001
3	Acenaphthylene [PAH, POM]	0.23	<0.001
4	Acetaldehyde	127.03	0.096
5	Aluminum	179.25	0.140
6	Anthracene [PAH, POM]	0.08	<0.001
7	Arsenic (inorganic)	1.23	<0.001
8	Barium	2.83	0.002
9	Benzene	111.15	0.084
10	Benzo[a]Anthracene	<0.01	<0.001
11	Benzo[a]Pyrene	<0.01	<0.001
12	Benzo[b]Fluoranthene	<0.01	<0.001
13	Benzo[g,h,i]perylene [PAH, POM]	<0.01	<0.001
14	Benzo[k]Fluoranthene	<0.01	<0.001
15	Beryllium	0.11	<0.001
16	Cadmium	0.29	<0.001
17	Chromium, Hexavalent	0.02	<0.001
18	Chromium, Non-Hexavalent	2.40	0.002
19	Chromium, Total	0.23	<0.001
20	Chrysene [PAH, POM]	<0.01	<0.001



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
21	Cobalt	0.06	<0.001
22	Copper	5.58	0.004
23	Crotonaldehyde	11.51	0.009
24	Dibenz[a,h]Anthracene	<0.01	<0.001
25	Ethyl Benzene	873.31	0.660
26	Fluoranthene [PAH, POM]	0.06	<0.001
27	Fluorene [PAH, POM]	0.64	<0.001
28	Formaldehyde	293.75	0.222
29	Indeno(1,2,3-cd)Pyrene	<0.01	<0.001
30	Lead (inorganic)	2.82	0.002
31	Manganese	29.19	0.021
32	Mercury (inorganic)	0.16	<0.001
33	Methane	2,937.48	2.220
34	Naphthalene	14.29	0.011
35	Nickel (except nickel oxide)	2.35	0.002
36	Phenanthrene [PAH, POM]	1.03	<0.001
37	Pyrene [PAH, POM]	0.02	<0.001
38	Quinone	107.18	0.081
39	Selenium	0.41	<0.001
40	Silica, Crystalline	5,217.48	3.671
41	Toluene	396.96	0.300
42	Xylenes (mixed)	1,071.78	0.810
43	Zinc	11.93	0.008



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** Otay Landfill Inc  
**EIF ID:** 7263

1700 Maxwell Rd  
 Chula Vista, CA 91911

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	12.3	7.6
2	Nitrogen Oxides (NOx)	30.0	33.1
3	Particulate Matter (PM10)	366.2	302.9
4	Sulfur Oxides (SOx)	4.1	3.0
5	Total Organic Gases (TOG)	15,831.9	3,620.1
6	Total Particulates (TSP)	876.8	725.7
7	Volatile Organic Compounds (VOC)	128.5	30.8

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,1,1-Trichloroethane	320.31	0.037
2	1,3-Butadiene	8.47	0.012
3	Acetaldehyde	30.55	0.044
4	Acetone	2,036.76	0.238
5	Acrolein	1.32	0.002
6	Acrylonitrile	145.97	0.017
7	Aluminum	0	0
8	Ammonia	0	0
9	Arsenic (inorganic)	30.22	0.012
10	Arsine	0.96	<0.001
11	Barium	0	0
12	Benzene	753.72	0.098
13	Beryllium	0.72	<0.001
14	Cadmium	0.78	<0.001
15	Carbon Disulfide	220.92	0.026
16	Carbonyl Sulfide	147.24	0.017
17	Chlorobenzene	140.82	0.017
18	Chlorofluorocarbons	715.32	0.084
19	Chloroform	17.93	0.002
20	Chromium, Hexavalent	<0.01	<0.001
21	Chromium, Non-Hexavalent	36.07	0.015



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Copper	72.26	0.030
23	Diesel Particulate	267.57	0.365
24	Dimethyl Sulfide	2,430.81	0.285
25	Ethyl Benzene	2,448.81	0.287
26	Ethylene Dichloride	202.96	0.024
27	Formaldehyde	218.19	0.152
28	Hexane	2,833.43	0.333
29	Hydrogen Chloride	8,301.29	3.042
30	Hydrogen Sulfide	6,052.10	0.708
31	Lead (inorganic)	36.38	0.015
32	Manganese	360.64	0.149
33	Mercury (inorganic)	0.12	<0.001
34	Methyl Ethyl Ketone	2,557.95	0.299
35	Methyl Isobutyl Ketone	936.92	0.110
36	Methylene Chloride	6,075.48	0.711
37	Naphthalene	0.77	0.001
38	Nickel (except nickel oxide)	14.57	0.006
39	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	1.41	0.002
40	Perchloroethylene	3,094.21	0.362
41	Propylene	18.22	0.026
42	Selenium	3.69	0.002
43	Silica, Crystalline	72,103.25	29.849
44	Toluene	18,120.39	2.127
45	Trichloroethylene	1,853.45	0.217
46	Vinyl Chloride	2,294.84	0.269
47	Vinylidene Chloride	96.98	0.011
48	Xylenes (mixed)	6,428.04	0.755
49	Zinc	145.08	0.061



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** Larkspur Energy Facility  
**EIF ID:** 7630

9355 Otay Mesa Rd  
 San Diego, CA 92154

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	22.3	89.2
2	Nitrogen Oxides (NOx)	4.3	17.2
3	Particulate Matter (PM10)	4.0	15.7
4	Sulfur Oxides (SOx)	0.1	0.5
5	Total Organic Gases (TOG)	2.5	10.1
6	Total Particulates (TSP)	4.0	15.7
7	Volatile Organic Compounds (VOC)	0.5	1.9

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0.18	<0.001
2	Acetaldehyde	18.24	0.037
3	Acrolein	2.91	0.006
4	Arsenic (inorganic)	0	0
5	Benzene	5.45	0.011
6	Cadmium	0	0
7	Chromium, Hexavalent	0	0
8	Chromium, Non-Hexavalent	0	0
9	Copper	0	0
10	Ethyl Benzene	14.57	0.029
11	Formaldehyde	323.78	0.652
12	Lead (inorganic)	0	0
13	Manganese	0	0
14	Mercury (inorganic)	0	0
15	Naphthalene	0.58	0.001
16	Nickel (except nickel oxide)	0	0
17	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.98	0.002
18	Selenium	0	0
19	Toluene	59.28	0.119



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
20	Xylenes (mixed)	29.19	0.059
21	Zinc	0	0

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# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** SDG&E Palomar Energy Center  
**EIF ID:** 8013

2300 Harveson Place  
 Escondido, CA 92029

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	14.9	14.6
2	Nitrogen Oxides (NOx)	40.2	45.6
3	Particulate Matter (PM10)	8.1	7.4
4	Sulfur Oxides (SOx)	4.2	3.8
5	Total Organic Gases (TOG)	0.5	5.4
6	Total Particulates (TSP)	8.1	7.4
7	Volatile Organic Compounds (VOC)	<0.1	0.4

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	5.46	0.005
2	Acetaldehyde	546.30	0.269
3	Acrolein	86.87	0.039
4	Benzene	163.30	0.079
5	Ethyl Benzene	435.64	0.196
6	Formaldehyde	9,685.13	4.514
7	Hexane	0.06	0.001
8	Methanol	0.35	0.008
9	Methylene Chloride	0.02	<0.001
10	Naphthalene	17.39	0.008
11	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	29.42	0.014
12	Phenol	<0.01	<0.001
13	Toluene	1,772.04	0.799
14	Xylenes (mixed)	872.63	0.393



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** Goal Line LP  
**EIF ID:** 8469

555 North Tulip St  
Escondido, CA 92025

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	11.1	36.7
2	Nitrogen Oxides (NOx)	5.2	14.6
3	Particulate Matter (PM10)	0.9	3.0
4	Sulfur Oxides (SOx)	<0.1	0.3
5	Total Organic Gases (TOG)	1.5	4.9
6	Total Particulates (TSP)	0.9	3.0
7	Volatile Organic Compounds (VOC)	0.5	1.0

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0.06	<0.001
2	Acetaldehyde	6.62	0.017
3	Acrolein	1.06	0.003
4	Arsenic (inorganic)	0	0
5	Benzene	2.20	0.005
6	Cadmium	0	0
7	Chlorobenzene	0	0
8	Chromium, Hexavalent	0	0
9	Chromium, Non-Hexavalent	0	0
10	Copper	0	0
11	Dichlorobenzenes (mixed isomers)	0.12	<0.001
12	Diesel Particulate	0	0
13	Ethyl Benzene	5.29	0.014
14	Formaldehyde	125.27	0.309
15	Hexane	184.78	0.025
16	Hydrogen Chloride	0	0
17	Lead (inorganic)	0	0
18	Manganese	0	0
19	Mercury (inorganic)	0	0
20	Naphthalene	0.27	<0.001
21	Nickel (except nickel oxide)	0	0



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.36	<0.001
23	Propylene	0	0
24	Selenium	0	0
25	Toluene	21.88	0.056
26	Xylenes (mixed)	10.60	0.028
27	Zinc	0	0

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# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** Sycamore Landfill Inc  
**EIF ID:** 8719

8514 Mast Bl  
 Santee, CA 92071

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	9.2	3.6
2	Nitrogen Oxides (NOx)	16.9	13.8
3	Particulate Matter (PM10)	387.3	329.2
4	Sulfur Oxides (SOx)	2.6	1.6
5	Total Organic Gases (TOG)	12,604.9	2,880.3
6	Total Particulates (TSP)	959.9	815.2
7	Volatile Organic Compounds (VOC)	102.0	23.9

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,1,1-Trichloroethane	254.44	0.029
2	1,3-Butadiene	5.14	0.005
3	Acetaldehyde	18.54	0.017
4	Acetone	1,617.84	0.188
5	Acrolein	0.80	<0.001
6	Acrylonitrile	115.95	0.013
7	Aluminum	0	0
8	Ammonia	0	0
9	Arsenic (inorganic)	28.29	0.011
10	Arsine	0.75	<0.001
11	Barium	0	0
12	Benzene	597.33	0.073
13	Beryllium	0.77	<0.001
14	Cadmium	0.80	<0.001
15	Carbon Disulfide	175.48	0.020
16	Carbonyl Sulfide	116.96	0.014
17	Chlorobenzene	111.85	0.013
18	Chlorofluorocarbons	568.20	0.066
19	Chloroform	14.24	0.002
20	Chromium, Hexavalent	<0.01	<0.001
21	Chromium, Non-Hexavalent	38.39	0.016



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Copper	76.85	0.033
23	Diesel Particulate	115.52	0.104
24	Dimethyl Sulfide	1,930.87	0.224
25	Ethyl Benzene	1,945.08	0.226
26	Ethylene Dichloride	161.22	0.019
27	Formaldehyde	135.62	0.066
28	Hexane	2,250.48	0.261
29	Hydrogen Chloride	5,214.62	1.609
30	Hydrogen Sulfide	4,807.36	0.557
31	Lead (inorganic)	38.57	0.017
32	Manganese	383.83	0.164
33	Mercury (inorganic)	0.06	<0.001
34	Methyl Ethyl Ketone	2,031.84	0.236
35	Methyl Isobutyl Ketone	744.23	0.086
36	Methylene Chloride	4,825.92	0.559
37	Naphthalene	0.47	<0.001
38	Nickel (except nickel oxide)	15.44	0.007
39	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.86	<0.001
40	Perchloroethylene	2,457.82	0.285
41	Propylene	11.06	0.010
42	Selenium	3.89	0.002
43	Silica, Crystalline	76,752.26	32.698
44	Toluene	14,392.77	1.671
45	Trichloroethylene	1,472.26	0.171
46	Vinyl Chloride	1,822.86	0.211
47	Vinylidene Chloride	77.03	0.009
48	Xylenes (mixed)	5,105.67	0.593
49	Zinc	154.03	0.066



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** Hanson Aggregates Pacific Southwest Region  
**EIF ID:** 9165

8514 Mast Bl  
 Santee, CA 92071

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	0	0
2	Nitrogen Oxides (NOx)	0	0
3	Particulate Matter (PM10)	127.5	100.5
4	Sulfur Oxides (SOx)	0	0
5	Total Organic Gases (TOG)	0	0
6	Total Particulates (TSP)	300.8	242.2
7	Volatile Organic Compounds (VOC)	0	0

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0	0
2	Acetaldehyde	0	0
3	Acrolein	0	0
4	Aluminum	3,162.02	1.268
5	Arsenic (inorganic)	5.38	0.002
6	Barium	35.74	0.014
7	Benzene	0	0
8	Beryllium	0.26	<0.001
9	Cadmium	0.26	<0.001
10	Chlorobenzene	0	0
11	Chromium, Hexavalent	0	0
12	Chromium, Non-Hexavalent	7.67	0.003
13	Cobalt	0.71	<0.001
14	Copper	12.66	0.005
15	Diesel Particulate	0	0
16	Ethyl Benzene	0	0
17	Formaldehyde	0	0
18	Hexane	0	0
19	Hydrogen Chloride	0	0
20	Lead (inorganic)	9.83	0.004
21	Manganese	127.98	0.050



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Mercury (inorganic)	0	0
23	Naphthalene	0	0
24	Nickel (except nickel oxide)	5.47	0.002
25	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0	0
26	Propylene	0	0
27	Selenium	0.43	<0.001
28	Silica, Crystalline	25,500.07	10.048
29	Toluene	0	0
30	Xylenes (mixed)	0	0
31	Zinc	31.61	0.012



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

Facility: Otay Mesa Energy Center LLC  
EIF ID: 10882

647 Alta Rd  
San Diego, CA 92154

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	109.0	2.4
2	Nitrogen Oxides (NOx)	13.7	0.3
3	Particulate Matter (PM10)	8.5	0.2
4	Sulfur Oxides (SOx)	<0.1	<0.1
5	Total Organic Gases (TOG)	18.8	0.4
6	Total Particulates (TSP)	8.5	0.2
7	Volatile Organic Compounds (VOC)	2.4	<0.1

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	1.45	<0.001
2	Acetaldehyde	10.50	<0.001
3	Acrolein	2.90	<0.001
4	Benzene	17.39	<0.001
5	Ethyl Benzene	8.33	<0.001
6	Formaldehyde	36.58	<0.001
7	Naphthalene	0.28	<0.001
8	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.36	<0.001
9	Toluene	7.24	<0.001
10	Xylenes (mixed)	16.66	<0.001





# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** SD Metro Pumping Station #2  
**EIF ID:** 89296

4077 N Harbor Dr  
 San Diego, CA 92101

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	0.9	2.5
2	Nitrogen Oxides (NOx)	17.0	11.6
3	Particulate Matter (PM10)	1.1	0.5
4	Sulfur Oxides (SOx)	<0.1	<0.1
5	Total Organic Gases (TOG)	16.6	5.3
6	Total Particulates (TSP)	1.1	0.5
7	Volatile Organic Compounds (VOC)	1.3	0.7

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,1,1-Trichloroethane	13.27	0.002
2	1,3-Butadiene	6.53	0.003
3	Acetaldehyde	184.67	0.035
4	Acetone	1.02	<0.001
5	Acrolein	2.17	<0.001
6	Ammonia	28.98	0.005
7	Arsenic (inorganic)	<0.01	<0.001
8	Benzene	14.37	0.004
9	Benzyl Chloride	0.27	<0.001
10	Bromodichloromethane	0.08	<0.001
11	Bromoform	0.06	<0.001
12	Cadmium	<0.01	<0.001
13	Carbon Disulfide	40.16	0.007
14	Carbon Tetrachloride	14.13	0.003
15	Chlorobenzene	0.02	<0.001
16	Chlorofluorocarbons	57.70	0.010
17	Chloroform	49.82	0.009
18	Chromium, Hexavalent	<0.01	<0.001
19	Chromium, Non-Hexavalent	<0.01	<0.001
20	Copper	<0.01	<0.001
21	Diesel Particulate	0.97	0.151



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Dimethyl Sulfide	0.06	<0.001
23	Dioxane,1,4-	214.77	0.038
24	Ethyl Benzene	1.04	<0.001
25	Ethylene Dichloride	188.34	0.033
26	Formaldehyde	1,172.50	0.190
27	Hexane	23.89	0.004
28	Hydrogen Chloride	0.01	0.002
29	Hydrogen Sulfide	704.04	0.125
30	Lead (inorganic)	<0.01	<0.001
31	Manganese	<0.01	<0.001
32	Mercury (inorganic)	<0.01	<0.001
33	Methane	523.59	0.093
34	Methanol	56.47	0.008
35	Methyl Ethyl Ketone	0.03	<0.001
36	Methylene Chloride	85.58	0.015
37	Naphthalene	2.17	<0.001
38	Nickel (except nickel oxide)	<0.01	<0.001
39	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.65	<0.001
40	p-Dichlorobenzene {1,4- Dichlorobenzene}	25.24	0.004
41	Perchloroethylene	86.16	0.015
42	Phenol	0.43	<0.001
43	Propylene	0.03	0.005
44	Selenium	<0.01	<0.001
45	Styrene	0.02	<0.001
46	Toluene	21.43	0.005
47	Trichloroethylene	76.76	0.014
48	Trimethylbenzenes	0.16	<0.001
49	Vinyl Chloride	0.01	<0.001
50	Xylenes (mixed)	7.27	0.002
51	Zinc	<0.01	<0.001



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** Minnesota Methane LLC North City Facility  
**EIF ID:** 96224

4949 Eastgate Mall  
San Diego, CA 92121

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	108.0	39.9
2	Nitrogen Oxides (NOx)	16.8	6.2
3	Particulate Matter (PM10)	6.4	2.3
4	Sulfur Oxides (SOx)	2.0	0.7
5	Total Organic Gases (TOG)	317.8	117.2
6	Total Particulates (TSP)	6.4	2.3
7	Volatile Organic Compounds (VOC)	19.4	7.2

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,1,1-Trichloroethane	1.82	<0.001
2	Acetone	11.72	0.002
3	Acrylonitrile	0.83	<0.001
4	Ammonia	0	0
5	Arsenic (inorganic)	1.49	<0.001
6	Benzene	4.31	<0.001
7	Carbon Disulfide	1.27	<0.001
8	Carbonyl Sulfide	0.83	<0.001
9	Chlorobenzene	0.83	<0.001
10	Chlorofluorocarbons	4.09	<0.001
11	Chloroform	0.11	<0.001
12	Dimethyl Sulfide	13.93	0.003
13	Ethyl Benzene	14.04	0.003
14	Ethylene Dichloride	1.16	<0.001
15	Formaldehyde	23,856.75	4.412
16	Hexane	16.26	0.003
17	Hydrogen Chloride	4,108.27	0.758
18	Hydrogen Sulfide	34.72	0.006
19	Methane	596,657.43	110.001
20	Methyl Ethyl Ketone	14.71	0.003
21	Methyl Isobutyl Ketone	5.36	<0.001



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Methylene Chloride	34.89	0.006
23	Perchloroethylene	17.75	0.003
24	Toluene	104.01	0.019
25	Trichloroethylene	10.62	0.002
26	Vinyl Chloride	13.16	0.002
27	Xylenes (mixed)	36.88	0.007

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# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

Facility: MM San Diego LLC Miramar  
EIF ID: 96387

5244 Convoy Street  
San Diego, CA 92111

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	254.3	73.0
2	Nitrogen Oxides (NOx)	61.4	32.1
3	Particulate Matter (PM10)	22.7	10.7
4	Sulfur Oxides (SOx)	8.2	4.5
5	Total Organic Gases (TOG)	650.2	192.3
6	Total Particulates (TSP)	22.7	10.7
7	Volatile Organic Compounds (VOC)	53.3	16.1

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,1,1-Trichloroethane	7.40	0.002
2	1,3-Butadiene	<0.01	0.001
3	Acetaldehyde	0.03	0.004
4	Acetone	47.55	0.013
5	Acrolein	<0.01	<0.001
6	Acrylonitrile	3.36	<0.001
7	Ammonia	0	0
8	Arsenic (inorganic)	4.49	0.001
9	Benzene	17.50	0.006
10	Cadmium	<0.01	<0.001
11	Carbon Disulfide	5.16	0.001
12	Carbonyl Sulfide	3.36	<0.001
13	Chlorobenzene	3.36	<0.001
14	Chlorofluorocarbons	16.60	0.005
15	Chloroform	0.45	<0.001
16	Chromium, Hexavalent	<0.01	<0.001
17	Chromium, Non-Hexavalent	<0.01	<0.001
18	Copper	<0.01	<0.001
19	Diesel Particulate	12.24	1.294
20	Dimethyl Sulfide	56.52	0.015
21	Ethyl Benzene	56.97	0.016



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Ethylene Dichloride	4.71	0.001
23	Formaldehyde	73,533.20	10.348
24	Hexane	65.95	0.018
25	Hydrogen Chloride	16,665.63	4.548
26	Hydrogen Sulfide	140.86	0.038
27	Lead (inorganic)	<0.01	<0.001
28	Manganese	<0.01	<0.001
29	Mercury (inorganic)	<0.01	<0.001
30	Methane	1,187,112.54	171.188
31	Methyl Ethyl Ketone	59.66	0.016
32	Methyl Isobutyl Ketone	21.76	0.006
33	Methylene Chloride	141.53	0.039
34	Naphthalene	<0.01	<0.001
35	Nickel (except nickel oxide)	<0.01	<0.001
36	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	<0.01	<0.001
37	Perchloroethylene	72.00	0.020
38	Propylene	0.02	0.002
39	Selenium	<0.01	<0.001
40	Toluene	421.92	0.116
41	Trichloroethylene	43.07	0.012
42	Vinyl Chloride	53.38	0.015
43	Vinylidene Chloride	0.48	<0.001
44	Xylenes (mixed)	149.61	0.041
45	Zinc	<0.01	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** San Marcos Energy LLC  
**EIF ID:** 5924

1615 San Elijo Rd  
 San Marcos, CA 92078

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	47.4	14.5
2	Nitrogen Oxides (NOx)	9.9	3.0
3	Particulate Matter (PM10)	4.5	1.4
4	Sulfur Oxides (SOx)	1.4	0.4
5	Total Organic Gases (TOG)	109.7	33.5
6	Total Particulates (TSP)	4.5	1.4
7	Volatile Organic Compounds (VOC)	8.6	2.6

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,1,1-Trichloroethane	1.30	<0.001
2	Acetone	8.33	0.001
3	Acrylonitrile	0.59	<0.001
4	Ammonia	0	0
5	Arsenic (inorganic)	0.51	<0.001
6	Benzene	3.06	<0.001
7	Carbon Disulfide	0.90	<0.001
8	Carbonyl Sulfide	0.59	<0.001
9	Chlorobenzene	0.59	<0.001
10	Chlorofluorocarbons	2.91	<0.001
11	Chloroform	0.08	<0.001
12	Dimethyl Sulfide	9.90	0.002
13	Ethyl Benzene	9.98	0.002
14	Ethylene Dichloride	0.82	<0.001
15	Formaldehyde	13,168.83	2.011
16	Hexane	11.55	0.002
17	Hydrogen Chloride	2,917.91	0.446
18	Hydrogen Sulfide	24.66	0.004
19	Methane	202,145.81	30.851
20	Methyl Ethyl Ketone	10.45	0.002
21	Methyl Isobutyl Ketone	3.81	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Methylene Chloride	24.78	0.004
23	Perchloroethylene	12.61	0.002
24	Toluene	73.87	0.011
25	Trichloroethylene	7.54	0.001
26	Vinyl Chloride	9.35	0.001
27	Xylenes (mixed)	26.19	0.004

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# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

**Facility:** North City Water Reclamation Plant  
**EIF ID:** 92013

4949 Eastgate Mall  
San Diego, CA 92121

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	22.0	13.4
2	Nitrogen Oxides (NOx)	2.5	23.8
3	Particulate Matter (PM10)	1.6	1.2
4	Sulfur Oxides (SOx)	0.5	0.2
5	Total Organic Gases (TOG)	51.5	18.5
6	Total Particulates (TSP)	1.6	1.2
7	Volatile Organic Compounds (VOC)	4.3	2.6

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,1,1-Trichloroethane	6.88	0.002
2	1,3-Butadiene	<0.01	<0.001
3	Acetaldehyde	<0.01	0.003
4	Acetone	5.74	0.001
5	Acrolein	<0.01	<0.001
6	Acrylonitrile	0.21	<0.001
7	Ammonia	179.87	0.062
8	Arsenic (inorganic)	0.37	<0.001
9	Benzene	6.12	0.003
10	Benzyl Chloride	0.75	<0.001
11	Bromodichloromethane	0.20	<0.001
12	Bromoform	0.16	<0.001
13	Cadmium	<0.01	<0.001
14	Carbon Disulfide	18.54	0.006
15	Carbon Tetrachloride	24.88	0.009
16	Carbonyl Sulfide	0.21	<0.001
17	Chlorine	62.49	0.021
18	Chlorobenzene	0.27	<0.001
19	Chlorofluorocarbons	4.05	0.001
20	Chloroform	81.79	0.028
21	Chromium, Hexavalent	<0.01	<0.001



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Chromium, Non-Hexavalent	<0.01	<0.001
23	Copper	<0.01	<0.001
24	Diesel Particulate	0.33	0.660
25	Dimethyl Sulfide	3.65	<0.001
26	Dioxane,1,4-	96.36	0.033
27	Ethyl Benzene	4.79	0.001
28	Ethylene Dichloride	84.97	0.029
29	Formaldehyde	6,627.85	1.084
30	Hexane	4.07	<0.001
31	Hydrogen Chloride	1,029.06	0.168
32	Hydrogen Sulfide	57.23	0.018
33	Lead (inorganic)	<0.01	<0.001
34	Manganese	<0.01	<0.001
35	Mercury (inorganic)	<0.01	<0.001
36	Methane	92,399.47	15.025
37	Methanol	<0.01	<0.001
38	Methyl Ethyl Ketone	3.77	<0.001
39	Methyl Isobutyl Ketone	1.34	<0.001
40	Methylene Chloride	223.65	0.075
41	Naphthalene	<0.01	<0.001
42	Nickel (except nickel oxide)	<0.01	<0.001
43	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	<0.01	<0.001
44	p-Dichlorobenzene {1,4- Dichlorobenzene}	11.39	0.004
45	Perchloroethylene	43.92	0.014
46	Propylene	<0.01	0.002
47	Selenium	<0.01	<0.001
48	Sodium Hydroxide	6.95	0.002
49	Styrene	0.05	<0.001
50	Toluene	37.21	0.008
51	Trichloroethylene	53.82	0.018
52	Trimethylbenzenes	0.43	<0.001



# FACILITY EMISSIONS

## 2018 CRITERIA EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Mercury (inorganic)	0	0
23	Naphthalene	0	0
24	Nickel (except nickel oxide)	0.50	0.001
25	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0	0
26	Propylene	0	0
27	Selenium	0.04	<0.001
28	Silica, Crystalline	2,100.91	3.996
29	Toluene	0	0
30	Xylenes (mixed)	0	0
31	Zinc	2.67	0.004



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

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**Facility:** MVUT 27 Owner LLC  
**EIF ID:** 1976

350 Camino De La Reina  
San Diego, CA 92108

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Facility retired all their APCD Permits



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Superior Ready Mix Concrete LP  
**EIF ID:** 128

1508 W Mission Rd  
Escondido, CA 92029

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	0	0
2	Nitrogen Oxides (NOx)	0	0
3	Particulate Matter (PM10)	5.8	5.4
4	Sulfur Oxides (SOx)	0	0
5	Total Organic Gases (TOG)	0	0
6	Total Particulates (TSP)	21.7	16.9
7	Volatile Organic Compounds (VOC)	0	0

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0	0
2	Acetaldehyde	0	0
3	Acrolein	0	0
4	Aluminum	169.57	0.081
5	Arsenic (inorganic)	0.23	<0.001
6	Barium	1.18	<0.001
7	Benzene	0	0
8	Beryllium	0.01	<0.001
9	Cadmium	0.01	<0.001
10	Chlorobenzene	0	0
11	Chromium, Hexavalent	0.01	<0.001
12	Chromium, Non-Hexavalent	0.39	<0.001
13	Copper	0.47	<0.001
14	Diesel Particulate	0	0
15	Ethyl Benzene	0	0
16	Formaldehyde	0	0
17	Hexane	0	0
18	Hydrogen Chloride	0	0
19	Lead (inorganic)	0.33	<0.001
20	Manganese	5.41	0.002
21	Mercury (inorganic)	0	0



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Naphthalene	0	0
23	Nickel (except nickel oxide)	0.23	<0.001
24	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0	0
25	Propylene	0	0
26	Selenium	0.01	<0.001
27	Silica, Crystalline	1,000.65	0.403
28	Toluene	0	0
29	Xylenes (mixed)	0	0
30	Zinc	1.33	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Paradise Valley Hospital  
**EIF ID:** 272

2400 E 4th Street  
 National City, CA 91950

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	<0.1	6.3
2	Nitrogen Oxides (NOx)	0.5	40.4
3	Particulate Matter (PM10)	<0.1	0.6
4	Sulfur Oxides (SOx)	<0.1	<0.1
5	Total Organic Gases (TOG)	<0.1	2.0
6	Total Particulates (TSP)	<0.1	0.6
7	Volatile Organic Compounds (VOC)	<0.1	1.7

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0.12	0.008
2	Acetaldehyde	0.43	0.027
3	Acrolein	0.02	0.001
4	Arsenic (inorganic)	<0.01	<0.001
5	Benzene	0.13	0.006
6	Cadmium	<0.01	<0.001
7	Chlorobenzene	<0.01	<0.001
8	Chromium, Hexavalent	<0.01	<0.001
9	Chromium, Non-Hexavalent	<0.01	<0.001
10	Copper	<0.01	<0.001
11	Dichlorobenzenes (mixed isomers)	0.02	<0.001
12	Diesel Particulate	8.90	0.561
13	Ethyl Benzene	<0.01	<0.001
14	Formaldehyde	2.09	0.060
15	Hexane	27.55	0.004
16	Hydrogen Chloride	0.10	0.006
17	Lead (inorganic)	<0.01	<0.001
18	Manganese	<0.01	<0.001
19	Mercury (inorganic)	<0.01	<0.001
20	Naphthalene	0.02	<0.001
21	Nickel (except nickel oxide)	<0.01	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.02	0.001
23	Propylene	0.25	0.016
24	Selenium	<0.01	<0.001
25	Toluene	0.11	0.004
26	Xylenes (mixed)	0.02	0.001
27	Zinc	0.01	<0.001

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# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Rohr Inc, a UTC Aerospace Systems Company  
**EIF ID:** 99

850 Lagoon Dr  
 Chula Vista, CA 91910

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	2.8	19.6
2	Nitrogen Oxides (NOx)	4.4	39.0
3	Particulate Matter (PM10)	0.3	2.7
4	Sulfur Oxides (SOx)	<0.1	<0.1
5	Total Organic Gases (TOG)	68.2	826.6
6	Total Particulates (TSP)	0.3	2.7
7	Volatile Organic Compounds (VOC)	6.2	30.1

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,1,1,2,3,4,4,5,5,5-decafluoropentane (HFC-43-10mee)	365.87	0.644
2	1,2,4-Trimethylbenzene	3.21	0.178
3	1,3-Butadiene	31.62	0.042
4	Acetaldehyde	270.71	0.243
5	Acetone	2,661.34	3.637
6	Acrolein	285.35	0.168
7	Aluminum	0.63	0.008
8	Ammonia	24.95	0.012
9	Aniline	0.45	<0.001
10	Antimony trioxide	0	0
11	Arsenic (inorganic)	0.03	<0.001
12	Barium	<0.01	<0.001
13	Benzene	67.74	0.063
14	Benzo[a]Anthracene	0.01	<0.001
15	Benzo[a]Pyrene	<0.01	<0.001
16	Benzo[b]Fluoranthene	<0.01	<0.001
17	Benzo[k]Fluoranthene	<0.01	<0.001
18	Butanol	0.88	0.032
19	Cadmium	0.03	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
20	Calcium chromate	0	0
21	Carbon black extracts	<0.01	<0.001
22	Chlorobenzene	<0.01	<0.001
23	Chlorobenzotrifluoride,para	12,801.28	728.825
24	Chlorodifluoromethane {Freon 22}	50.24	0.007
25	Chlorofluorocarbons	0	0
26	Chromium, Hexavalent	0.02	<0.001
27	Chromium, Non-Hexavalent	0.09	<0.001
28	Chromium, Total	0	0
29	Cobalt	<0.01	<0.001
30	Copper	0.34	0.006
31	Cumene	0.64	0.043
32	Dichlorobenzenes (mixed isomers)	0.05	<0.001
33	Diesel Particulate	56.35	2.216
34	Epichlorohydrin	1.40	0.032
35	Epoxy resins	0	0
36	Ethanol	1.58	0.013
37	Ethyl Benzene	14.77	0.508
38	Ethylene Glycol	0.41	0.024
39	Ethylene Glycol Butyl Ether	70.00	0.453
40	Ethylene Glycol Methyl Ether	0	0
41	Formaldehyde	894.52	0.785
42	Glycol Ethers, Unspecified	0	0
43	Hexane	95.00	0.034
44	Hydrochlorofluorocarbons	0	0
45	Hydrogen Chloride	11.75	0.056
46	Hydrogen Fluoride	0	0
47	Hydroquinone	<0.01	<0.001
48	Indeno(1,2,3-cd)Pyrene	<0.01	<0.001
49	Isocyanates, Unspecified	59.46	2.575
50	Isopropyl Alcohol	1,998.97	3.196
51	Lead (inorganic)	0.18	<0.001
52	Manganese	0.20	<0.001
53	Mercury (inorganic)	0.04	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
54	Methanol	82.07	0.192
55	Methyl Ethyl Ketone	1,033.47	2.920
56	Methyl Isobutyl Ketone	1,513.89	3.913
57	Methyl Isocyanate	0	0
58	Methylene Chloride	4.82	0.003
59	Methylene Diphenyl Isocyanate	15.73	0.138
60	Naphthalene	3.60	0.004
61	Nickel (except nickel oxide)	0.29	0.002
62	Nitric Acid	636.76	0.131
63	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	1.62	0.005
64	Phenol	1.38	<0.001
65	Phosphorous	<0.01	<0.001
66	polymeric methylene diphenyl diisocyanate	<0.01	<0.001
67	Propylene	9.89	0.052
68	Propylene Glycol Methyl Ether	0.03	0.030
69	sec-Butyl alcohol	5.04	0.174
70	Selenium	0.05	<0.001
71	Silica, Crystalline	0.03	<0.001
72	Silver	0	0
73	Sodium Hydroxide	0	0
74	Sulfuric Acid	17.49	0.003
75	Thallium	0	0
76	Toluene	465.82	1.790
77	Xylenes (mixed)	44.00	1.892
78	Zinc	8.51	0.177



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** UCSD Medical Center  
**EIF ID:** 404

225 Dickinson St W  
 San Diego, CA 92103

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	0.5	17.8
2	Nitrogen Oxides (NOx)	5.4	129.5
3	Particulate Matter (PM10)	1.0	6.8
4	Sulfur Oxides (SOx)	<0.1	0.5
5	Total Organic Gases (TOG)	1.5	7.1
6	Total Particulates (TSP)	1.0	6.8
7	Volatile Organic Compounds (VOC)	0.8	6.0

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0.20	0.014
2	Acetaldehyde	0.71	0.050
3	Acrolein	0.03	0.002
4	Arsenic (inorganic)	<0.01	0.001
5	Benzene	0.71	0.012
6	Cadmium	<0.01	<0.001
7	Chlorobenzene	<0.01	<0.001
8	Chromium, Hexavalent	<0.01	<0.001
9	Chromium, Non-Hexavalent	<0.01	<0.001
10	Copper	<0.01	<0.001
11	Dichlorobenzenes (mixed isomers)	0.31	<0.001
12	Diesel Particulate	80.11	5.447
13	Ethyl Benzene	<0.01	<0.001
14	Formaldehyde	20.91	0.128
15	Hexane	463.97	0.106
16	Hydrogen Chloride	0.17	0.012
17	Lead (inorganic)	<0.01	0.001
18	Manganese	<0.01	<0.001
19	Mercury (inorganic)	<0.01	<0.001
20	Naphthalene	0.18	0.001
21	Nickel (except nickel oxide)	<0.01	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.03	0.002
23	Propylene	0.42	0.030
24	Selenium	<0.01	0.001
25	Toluene	0.97	0.007
26	Xylenes (mixed)	0.04	0.003
27	Zinc	0.02	0.003

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# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Veridiam Inc  
**EIF ID:** 666

1717 Cuyamaca St  
 El Cajon, CA 92020

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	0	0
2	Nitrogen Oxides (NOx)	0	0
3	Particulate Matter (PM10)	<0.1	<0.1
4	Sulfur Oxides (SOx)	0	0
5	Total Organic Gases (TOG)	4.9	4.8
6	Total Particulates (TSP)	<0.1	<0.1
7	Volatile Organic Compounds (VOC)	3.1	3.1

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0	0
2	Acetaldehyde	0	0
3	Acetone	3,539.12	1.749
4	Acrolein	0	0
5	Arsenic (inorganic)	0	0
6	Benzene	0	0
7	Cadmium	0	0
8	Chlorobenzene	0	0
9	Chromium, Hexavalent	0.01	<0.001
10	Chromium, Non-Hexavalent	0.07	<0.001
11	Cobalt	<0.01	<0.001
12	Copper	0	0
13	Diesel Particulate	0	0
14	Ethyl Benzene	0	0
15	Formaldehyde	0	0
16	Hexane	0	0
17	Hydrogen Chloride	0	0
18	Isopropyl Alcohol	3,350.18	1.655
19	Lead (inorganic)	0	0
20	Manganese	0.01	<0.001
21	Mercury (inorganic)	0	0



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Naphthalene	0	0
23	Nickel (except nickel oxide)	0.05	<0.001
24	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0	0
25	Propylene	0	0
26	Selenium	0	0
27	Toluene	2,572.73	1.271
28	Xylenes (mixed)	0	0
29	Zinc	0	0



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

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**Facility:** Calmat Co  
**EIF ID:** 2037

13501 Kirkham Wy  
Poway, CA 92064

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Facility reported no material usage at this location





# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Kaiser Foundation Hospitals  
**EIF ID:** 2687

Zion Medical Center  
 San Diego, CA 92120

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	1.7	16.8
2	Nitrogen Oxides (NOx)	1.7	78.0
3	Particulate Matter (PM10)	0.2	3.5
4	Sulfur Oxides (SOx)	<0.1	<0.1
5	Total Organic Gases (TOG)	0.2	4.5
6	Total Particulates (TSP)	0.2	3.5
7	Volatile Organic Compounds (VOC)	0.1	4.0

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0.29	0.028
2	Acetaldehyde	1.04	0.100
3	Acrolein	0.05	0.004
4	Arsenic (inorganic)	<0.01	<0.001
5	Benzene	0.32	0.024
6	Cadmium	<0.01	<0.001
7	Chlorobenzene	<0.01	<0.001
8	Chromium, Hexavalent	<0.01	<0.001
9	Chromium, Non-Hexavalent	<0.01	<0.001
10	Copper	<0.01	<0.001
11	Dichlorobenzenes (mixed isomers)	0.04	<0.001
12	Diesel Particulate	103.23	3.514
13	Ethyl Benzene	0.01	0.001
14	Formaldehyde	4.83	0.221
15	Hexane	60.73	0.011
16	Hydrogen Chloride	0.25	0.024
17	Lead (inorganic)	0.01	0.001
18	Manganese	<0.01	<0.001
19	Mercury (inorganic)	<0.01	<0.001
20	Naphthalene	0.05	0.003
21	Nickel (except nickel oxide)	<0.01	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.05	0.005
23	Propylene	0.62	0.059
24	Selenium	<0.01	<0.001
25	Toluene	0.25	0.013
26	Xylenes (mixed)	0.06	0.005
27	Zinc	0.03	0.003

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# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

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**Facility:** Alturdyne Power Systems LLC  
**EIF ID:** 3314

660 Steele St  
El Cajon, CA 92020

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Facility retired all their APCD Permits



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Hydranautics  
**EIF ID:** 651

401 Jones Rd  
 Oceanside, CA 92058

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	<0.1	1.1
2	Nitrogen Oxides (NOx)	<0.1	6.2
3	Particulate Matter (PM10)	<0.1	0.2
4	Sulfur Oxides (SOx)	<0.1	<0.1
5	Total Organic Gases (TOG)	20.5	54.1
6	Total Particulates (TSP)	<0.1	0.2
7	Volatile Organic Compounds (VOC)	20.5	54.1

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0.02	0.005
2	2,2,4-Trimethylpentane	0.06	<0.001
3	Acetaldehyde	0.07	0.018
4	Acrolein	<0.01	<0.001
5	Arsenic (inorganic)	<0.01	<0.001
6	Benzene	0.02	0.004
7	Cadmium	<0.01	<0.001
8	Chlorobenzene	<0.01	<0.001
9	Chromium, Hexavalent	<0.01	<0.001
10	Chromium, Non-Hexavalent	<0.01	<0.001
11	Copper	<0.01	<0.001
12	Diesel Particulate	0.88	0.223
13	Dimethyl formamide	1,286.72	4.590
14	Ethyl Benzene	<0.01	<0.001
15	Formaldehyde	0.15	0.039
16	Hexane	<0.01	<0.001
17	Hydrogen Chloride	0.02	0.004
18	Isopropyl Alcohol	38,328.50	5.469
19	Lead (inorganic)	<0.01	<0.001
20	Manganese	<0.01	<0.001
21	Mercury (inorganic)	<0.01	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	M-Pyrol	6.56	<0.001
23	Naphthalene	<0.01	<0.001
24	Nickel (except nickel oxide)	<0.01	<0.001
25	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	<0.01	<0.001
26	Propylene	0.04	0.011
27	Selenium	<0.01	<0.001
28	Toluene	<0.01	0.002
29	Xylenes (mixed)	<0.01	<0.001
30	Zinc	<0.01	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Hobie Cat Co  
**EIF ID:** 5522

4925 Oceanside Bl  
 Oceanside, CA 92056

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	0.3	<0.1
2	Nitrogen Oxides (NOx)	0.6	0.2
3	Particulate Matter (PM10)	<0.1	<0.1
4	Sulfur Oxides (SOx)	<0.1	<0.1
5	Total Organic Gases (TOG)	5.1	4.9
6	Total Particulates (TSP)	<0.1	<0.1
7	Volatile Organic Compounds (VOC)	1.8	1.8

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	Acetone	6,524.45	3.166
2	Benzene	0.03	<0.001
3	Cadmium	<0.01	<0.001
4	Chromium, Non-Hexavalent	<0.01	<0.001
5	Copper	<0.01	<0.001
6	Dichlorobenzenes (mixed isomers)	0.02	<0.001
7	Dimethyl phthalate	108.68	0.108
8	Formaldehyde	0.98	<0.001
9	Hexane	377.20	0.058
10	Isopropyl Alcohol	186.17	0.093
11	Lead (inorganic)	<0.01	<0.001
12	Manganese	<0.01	<0.001
13	Methanol	54.76	0.027
14	Methyl Ethyl Ketone	164.27	0.082
15	Methyl Isobutyl Ketone	76.66	0.038
16	Methyl Methacrylate	0	0
17	Methylene Diphenyl Isocyanate	6.95	0.007
18	Naphthalene	<0.01	<0.001
19	Nickel (except nickel oxide)	<0.01	<0.001
20	Silica, Crystalline	0.04	<0.001
21	Styrene	409.64	0.407



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Toluene	547.60	0.274
23	Xylenes (mixed)	54.76	0.027

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# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

Facility: Qualcomm Inc  
EIF ID: 5640

5555 Morehouse Dr  
San Diego, CA 92121

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	0.9	51.7
2	Nitrogen Oxides (NOx)	4.7	265.1
3	Particulate Matter (PM10)	1.5	5.2
4	Sulfur Oxides (SOx)	0.1	0.1
5	Total Organic Gases (TOG)	2.5	9.2
6	Total Particulates (TSP)	1.5	5.2
7	Volatile Organic Compounds (VOC)	0.5	7.7

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	1.83	0.090
2	Acetaldehyde	23.50	0.326
3	Acrolein	3.05	0.014
4	Arsenic (inorganic)	0.01	<0.001
5	Benzene	6.66	0.078
6	Cadmium	0.01	<0.001
7	Chlorobenzene	<0.01	<0.001
8	Chromium, Hexavalent	<0.01	<0.001
9	Chromium, Non-Hexavalent	<0.01	<0.001
10	Copper	0.03	0.002
11	Diesel Particulate	69.74	4.861
12	Ethyl Benzene	14.07	0.006
13	Formaldehyde	323.86	0.752
14	Hexane	0.21	0.011
15	Hydrogen Chloride	1.43	0.077
16	Lead (inorganic)	0.06	0.003
17	Manganese	0.02	0.001
18	Mercury (inorganic)	0.02	<0.001
19	Naphthalene	0.71	0.008
20	Nickel (except nickel oxide)	0.03	0.002





# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
21	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	1.22	0.015
22	Propylene	3.58	0.193
23	Selenium	0.02	<0.001
24	Toluene	57.68	0.050
25	Xylenes (mixed)	28.33	0.021
26	Zinc	0.17	0.009



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Northrop Grumman Mission System  
**EIF ID:** 6056

15120 Innovation Dr  
 San Diego, CA 92128

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	3.0	2.9
2	Nitrogen Oxides (NOx)	0.5	0.3
3	Particulate Matter (PM10)	0.3	0.3
4	Sulfur Oxides (SOx)	<0.1	<0.1
5	Total Organic Gases (TOG)	0.5	0.5
6	Total Particulates (TSP)	0.3	0.3
7	Volatile Organic Compounds (VOC)	<0.1	<0.1

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	1.73	<0.001
2	Acetaldehyde	7.15	0.004
3	Acrolein	0.25	<0.001
4	Benzene	3.96	0.002
5	Dichlorobenzenes (mixed isomers)	<0.01	<0.001
6	Ethyl Benzene	0.07	<0.001
7	Formaldehyde	52.00	0.026
8	Hexane	11.11	0.002
9	Methanol	7.64	0.004
10	Methylene Chloride	0.10	<0.001
11	Naphthalene	0.25	<0.001
12	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.25	<0.001
13	Toluene	1.50	<0.001
14	Xylenes (mixed)	0.49	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** California Crafted Marble Inc. dba CCM Enterprises  
**EIF ID:** 6282

10848 Wheatlands Ave  
Santee, CA 92071

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#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Total Organic Gases (TOG)	4.2	7.7
2	Volatile Organic Compounds (VOC)	1.2	4.8

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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	Acetone	5,949.90	2.861
2	Methyl Ethyl Ketone	41.32	0.083
3	Styrene	494.11	1.004

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# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Huntington Ingalls (HII) San Diego Shipyard Inc  
**EIF ID:** 5056

1995 Bay Front St  
San Diego, CA 92113

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	0.1	2.5
2	Nitrogen Oxides (NOx)	0.5	14.3
3	Particulate Matter (PM10)	0.8	4.8
4	Sulfur Oxides (SOx)	<0.1	<0.1
5	Total Organic Gases (TOG)	2.6	105.8
6	Total Particulates (TSP)	0.8	4.8
7	Volatile Organic Compounds (VOC)	2.4	86.6

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,2,4-Trimethylbenzene	551.67	14.306
2	1,3-Butadiene	0.37	0.006
3	Acetaldehyde	1.34	0.021
4	Acetone	205.41	3.838
5	Acrolein	0.06	<0.001
6	Aluminum	30.70	0.238
7	Arsenic (inorganic)	<0.01	<0.001
8	Barium	0	0
9	Benzene	0.32	0.005
10	Beryllium	<0.01	<0.001
11	Butanol	522.82	8.858
12	Cadmium	0.82	0.016
13	Chlorobenzene	<0.01	<0.001
14	Chlorobenzotrifluoride,para	321.70	14.984
15	Chromium, Hexavalent	0.23	<0.001
16	Chromium, Non-Hexavalent	5.63	0.003
17	Copper	433.88	0.144
18	Cumene	63.81	1.623
19	Cyclohexane	0.34	0.015
20	Diesel Particulate	123.05	1.455



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
21	Diethylene glycol monomethyl ether	0.04	0.011
22	Ethanol	53.65	0.503
23	Ethyl Benzene	45.05	1.408
24	Formaldehyde	2.95	0.046
25	Hexane	0.06	0.002
26	Hydrogen Chloride	0.32	0.005
27	Lead (inorganic)	0.51	<0.001
28	Manganese	10.74	0.006
29	Mercury (inorganic)	<0.01	<0.001
30	Methanol	46.20	0.387
31	Methyl Acetate	26.09	0.039
32	Methyl Ethyl Ketone	19.80	0.213
33	Methyl Isobutyl Ketone	88.63	1.516
34	Methylene Chloride	4.86	0.220
35	Naphthalene	0.44	0.063
36	Nickel (except nickel oxide)	6.22	0.011
37	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.06	<0.001
38	Phosphorous	0.16	<0.001
39	Propylene	0.80	0.012
40	Propylene Glycol Methyl Ether	616.07	4.334
41	Propylene glycol monomethyl ether acetate	8.30	0.467
42	Selenium	<0.01	<0.001
43	Silica, Crystalline	30.16	0.064
44	Silver	0.75	0.048
45	Toluene	14.65	0.023
46	Trimethylbenzenes	13.79	0.133
47	Vanadium (fume or dust)	<0.01	<0.001
48	Xylenes (mixed)	153.55	4.618
49	Zinc	0.53	0.032



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Killion Industries  
**EIF ID:** 6625

2811 La Mirada Dr  
Vista, CA 92081

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Particulate Matter (PM10)	<0.1	<0.1
2	Total Organic Gases (TOG)	<0.1	0.6
3	Total Particulates (TSP)	<0.1	<0.1
4	Volatile Organic Compounds (VOC)	<0.1	0.5

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	Acetone	85.67	0.038
2	Ethylene Glycol Butyl Ether	0	0.065
3	Glycol Ethers, Unspecified	0	0.043
4	Isopropyl Alcohol	0.10	<0.001
5	Zinc	1.03	0.018



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Applied Energy  
**EIF ID:** 5270

Quay & Rogers Rd #353  
 San Diego, CA 92135

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	0.8	2.6
2	Nitrogen Oxides (NOx)	0.7	5.2
3	Particulate Matter (PM10)	1.9	5.7
4	Sulfur Oxides (SOx)	<0.1	0.3
5	Total Organic Gases (TOG)	1.8	5.8
6	Total Particulates (TSP)	1.9	5.7
7	Volatile Organic Compounds (VOC)	0.3	1.7

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0.15	<0.001
2	Acetaldehyde	13.15	0.018
3	Acrolein	2.08	0.003
4	Arsenic (inorganic)	<0.01	<0.001
5	Benzene	3.93	0.006
6	Cadmium	<0.01	<0.001
7	Chlorobenzene	<0.01	<0.001
8	Chromium, Hexavalent	<0.01	<0.001
9	Chromium, Non-Hexavalent	<0.01	<0.001
10	Copper	<0.01	<0.001
11	Dichlorobenzenes (mixed isomers)	<0.01	<0.001
12	Diesel Particulate	11.87	0.364
13	Ethyl Benzene	10.43	0.012
14	Formaldehyde	231.92	0.289
15	Hexane	<0.01	0.225
16	Hydrogen Chloride	0.02	<0.001
17	Lead (inorganic)	<0.01	<0.001
18	Manganese	<0.01	<0.001
19	Mercury (inorganic)	<0.01	<0.001
20	Naphthalene	0.42	<0.001
21	Nickel (except nickel oxide)	<0.01	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.71	<0.001
23	Propylene	0.06	0.002
24	Selenium	<0.01	<0.001
25	Toluene	42.44	0.051
26	Xylenes (mixed)	20.90	0.025
27	Zinc	<0.01	<0.001

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# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Motivational Systems Inc  
**EIF ID:** 88031

2200 Cleveland Av  
 National City, CA 91950

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	0	0
2	Nitrogen Oxides (NOx)	0	0
3	Particulate Matter (PM10)	<0.1	<0.1
4	Sulfur Oxides (SOx)	0	0
5	Total Organic Gases (TOG)	0.4	13.5
6	Total Particulates (TSP)	<0.1	<0.1
7	Volatile Organic Compounds (VOC)	<0.1	3.1

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,2,4-Trimethylbenzene	0.23	0.006
2	Acetaldehyde	0	0
3	Acetone	578.37	9.950
4	Benzene	0	0
5	Butanol	3.10	0.155
6	Chlorobenzotrifluoride,para	13.29	0.475
7	Chromium, Non-Hexavalent	0	0
8	Cobalt	0	0
9	Dipropylene glycol monomethyl ether	1.17	0.023
10	Ethanol	34.91	0.131
11	Ethyl Benzene	2.69	0.020
12	Ethylene Glycol Butyl Ether	0.90	0.018
13	Formaldehyde	0.04	0.002
14	Glycol Ethers, Unspecified	0	0
15	Hexane	0	0
16	Isopropyl Alcohol	4.79	0.479
17	Methyl Ethyl Ketone	23.78	0.083
18	Methyl Isobutyl Ketone	0	0
19	Phosphoric acid	0.11	0.011



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
20	Propylene glycol monomethyl ether acetate	13.55	0.048
21	Toluene	0.95	0.003
22	Xylenes (mixed)	14.35	0.067



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Krasne's Inc  
**EIF ID:** 88034

2222 Commercial St  
San Diego, CA 92113

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Particulate Matter (PM10)	0	0
2	Total Organic Gases (TOG)	2.2	6.5
3	Total Particulates (TSP)	0	0
4	Volatile Organic Compounds (VOC)	2.2	6.5

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	Isopropyl Alcohol	17.25	0.041
2	Methanol	69.00	0.165
3	Methyl Ethyl Ketone	33.92	0.040
4	Propylene Glycol Methyl Ether	172.50	0.413



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Commercial Press  
**EIF ID:** 92286

960 Gateway Center Wy  
San Diego, CA 92102

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Total Organic Gases (TOG)	13.0	23.7
2	Volatile Organic Compounds (VOC)	13.0	23.7

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,2,4-Trimethylbenzene	742.38	1.800
2	Ammonia	0	0
3	Diethylene glycol monobutyl ether	74.50	0.242
4	Ethanol	29.80	0.097
5	Ethylene Glycol Butyl Ether	1,210.98	1.631
6	Propylene Glycol	0	0
7	Xylenes (mixed)	118.23	0.281



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Grossmont District Hospital  
**EIF ID:** 171

5525 Grossmont Center Dr  
 La Mesa, CA 91942

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	0.3	17.6
2	Nitrogen Oxides (NOx)	1.3	115.6
3	Particulate Matter (PM10)	0.3	3.6
4	Sulfur Oxides (SOx)	<0.1	<0.1
5	Total Organic Gases (TOG)	0.5	5.8
6	Total Particulates (TSP)	0.3	3.6
7	Volatile Organic Compounds (VOC)	0.2	4.9

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0.55	0.045
2	Acetaldehyde	3.10	0.163
3	Acrolein	0.27	0.007
4	Arsenic (inorganic)	<0.01	<0.001
5	Benzene	26.08	0.050
6	Benzo[a]Anthracene	0	0
7	Benzo[a]Pyrene	0	0
8	Benzo[b]Fluoranthene	0	0
9	Benzo[k]Fluoranthene	0	0
10	Cadmium	<0.01	<0.001
11	Chlorobenzene	<0.01	<0.001
12	Chromium, Hexavalent	<0.01	<0.001
13	Chromium, Non-Hexavalent	<0.01	<0.001
14	Copper	0.01	<0.001
15	Dibenz[a,h]Anthracene	0	0
16	Diesel Particulate	39.30	3.269
17	Ethyl Benzene	0.96	0.003
18	Formaldehyde	75.61	0.391
19	Hexane	6.38	0.008
20	Hydrogen Chloride	0.46	0.039
21	Indeno(1,2,3-cd)Pyrene	0	0



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Lead (inorganic)	0.02	0.002
23	Manganese	<0.01	<0.001
24	Mercury (inorganic)	<0.01	<0.001
25	Naphthalene	0.09	0.004
26	Nickel (except nickel oxide)	<0.01	<0.001
27	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.15	0.008
28	Propylene	1.15	0.097
29	Selenium	<0.01	<0.001
30	Toluene	16.70	0.029
31	Xylenes (mixed)	1.98	0.010
32	Zinc	0.06	0.005



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** San Diego Gas & Electric  
**EIF ID:** 94325

6875 Consolidated Way  
San Diego, CA 92121

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	3.0	9.5
2	Nitrogen Oxides (NOx)	3.2	33.1
3	Particulate Matter (PM10)	10.9	22.2
4	Sulfur Oxides (SOx)	0.3	0.5
5	Total Organic Gases (TOG)	5.1	22.3
6	Total Particulates (TSP)	10.9	22.2
7	Volatile Organic Compounds (VOC)	1.0	3.1

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0.24	0.008
2	Acetaldehyde	162.27	0.224
3	Acrolein	3.33	0.004
4	Arsenic (inorganic)	<0.01	<0.001
5	Benzene	3.07	0.019
6	Cadmium	<0.01	<0.001
7	Chlorobenzene	<0.01	<0.001
8	Chromium, Hexavalent	<0.01	<0.001
9	Chromium, Non-Hexavalent	<0.01	<0.001
10	Copper	<0.01	<0.001
11	Diesel Particulate	1.87	0.261
12	Ethyl Benzene	14.67	0.015
13	Formaldehyde	332.15	0.744
14	Hexane	0.02	0.003
15	Hydrogen Chloride	0.01	0.002
16	Lead (inorganic)	<0.01	<0.001
17	Manganese	<0.01	<0.001
18	Mercury (inorganic)	<0.01	<0.001
19	Methanol	0.08	0.018
20	Methylene Chloride	<0.01	0.001
21	Naphthalene	0.60	0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Nickel (except nickel oxide)	<0.01	<0.001
23	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.42	0.002
24	Phenol	<0.01	<0.001
25	Propylene	0.03	0.004
26	Selenium	<0.01	<0.001
27	Toluene	59.70	0.067
28	Xylenes (mixed)	29.35	0.031
29	Zinc	<0.01	<0.001





# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Otay Water District  
**EIF ID:** 95219

1200 Alta Rd N  
 San Diego, CA 92154

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	7.4	11.9
2	Nitrogen Oxides (NOx)	<0.1	0.2
3	Particulate Matter (PM10)	0.1	0.2
4	Sulfur Oxides (SOx)	<0.1	<0.1
5	Total Organic Gases (TOG)	0.3	0.4
6	Total Particulates (TSP)	0.1	0.2
7	Volatile Organic Compounds (VOC)	<0.1	<0.1

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	1.02	<0.001
2	Acetaldehyde	4.23	0.003
3	Acrolein	0.15	<0.001
4	Arsenic (inorganic)	0	0
5	Benzene	2.33	0.002
6	Cadmium	0	0
7	Chlorobenzene	0	0
8	Chromium, Hexavalent	0	0
9	Chromium, Non-Hexavalent	0	0
10	Copper	0	0
11	Diesel Particulate	0	0
12	Ethyl Benzene	0.04	<0.001
13	Formaldehyde	30.47	0.024
14	Hexane	0	0
15	Hydrogen Chloride	0	0
16	Lead (inorganic)	0	0
17	Manganese	0	0
18	Mercury (inorganic)	0	0
19	Methanol	4.52	0.004
20	Methylene Chloride	0.06	<0.001
21	Naphthalene	0.15	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Nickel (except nickel oxide)	0	0
23	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.15	<0.001
24	Propylene	0	0
25	Selenium	0	0
26	Toluene	0.87	<0.001
27	Xylenes (mixed)	0.29	<0.001
28	Zinc	0	0



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Taylor Made Golf Co  
**EIF ID:** 97591

5545 Fermi Ct  
 Carlsbad, CA 92008

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	<0.1	1.0
2	Nitrogen Oxides (NOx)	<0.1	3.9
3	Particulate Matter (PM10)	<0.1	0.1
4	Sulfur Oxides (SOx)	<0.1	<0.1
5	Total Organic Gases (TOG)	0.3	10.2
6	Total Particulates (TSP)	<0.1	0.1
7	Volatile Organic Compounds (VOC)	0.1	10.0

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0.02	0.005
2	Acetaldehyde	0.06	0.017
3	Acetone	369.04	0.177
4	Acrolein	<0.01	<0.001
5	Arsenic (inorganic)	<0.01	<0.001
6	Benzene	0.01	0.004
7	Butanol	0.67	0.202
8	Cadmium	<0.01	<0.001
9	Chlorobenzene	<0.01	<0.001
10	Chromium, Hexavalent	<0.01	<0.001
11	Chromium, Non-Hexavalent	<0.01	<0.001
12	Copper	<0.01	<0.001
13	Diesel Particulate	1.79	0.128
14	Ethyl Benzene	0.16	0.047
15	Formaldehyde	0.13	0.038
16	Glycol Ethers, Unspecified	2.38	0.720
17	Hexane	<0.01	<0.001
18	Hydrogen Chloride	0.01	0.004
19	Isopropyl Alcohol	132.98	0.710
20	Lead (inorganic)	<0.01	<0.001
21	Manganese	<0.01	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Mercury (inorganic)	<0.01	<0.001
23	Naphthalene	<0.01	<0.001
24	Nickel (except nickel oxide)	<0.01	<0.001
25	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	<0.01	<0.001
26	Propylene	0.04	0.010
27	Selenium	<0.01	<0.001
28	Toluene	<0.01	0.002
29	Xylenes (mixed)	0.68	0.206
30	Zinc	<0.01	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Valley Center Municipal Water District  
**EIF ID:** 99073

11580 Betsworth Rd  
 Valley Center, CA 92082

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	2.6	1.6
2	Nitrogen Oxides (NOx)	0.4	0.2
3	Particulate Matter (PM10)	0.4	0.3
4	Sulfur Oxides (SOx)	<0.1	<0.1
5	Total Organic Gases (TOG)	0.8	0.5
6	Total Particulates (TSP)	0.4	0.3
7	Volatile Organic Compounds (VOC)	<0.1	<0.1

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	3.14	<0.001
2	Acetaldehyde	13.03	0.004
3	Acrolein	0.45	<0.001
4	Benzene	7.19	0.002
5	Ethyl Benzene	0.13	<0.001
6	Formaldehyde	93.88	0.027
7	Methanol	13.93	0.004
8	Methylene Chloride	0.18	<0.001
9	Naphthalene	0.45	<0.001
10	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.45	<0.001
11	Toluene	2.70	<0.001
12	Xylenes (mixed)	0.90	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Daw Industries  
**EIF ID:** 7240

6610 Nancy Ridge Rd  
San Diego, CA 92121

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Particulate Matter (PM10)	0	0
2	Total Organic Gases (TOG)	4.0	114.3
3	Total Particulates (TSP)	0	0
4	Volatile Organic Compounds (VOC)	1.5	59.0

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	Acetone	5,018.15	55.278
2	Methyl Ethyl Ketone	2,143.27	41.962
3	Toluene	768.59	14.164



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Advanced Electromagnetics Inc  
**EIF ID:** 9047

1320 Air Wing Rd. Suite 101  
 San Diego, CA 92154

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	0	0
2	Nitrogen Oxides (NOx)	0	0
3	Particulate Matter (PM10)	1.4	2.0
4	Sulfur Oxides (SOx)	0	0
5	Total Organic Gases (TOG)	20.0	133.0
6	Total Particulates (TSP)	1.4	2.0
7	Volatile Organic Compounds (VOC)	7.2	3.5

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0	0
2	Acetaldehyde	0	0
3	Acetone	21,059.78	122.958
4	Acrolein	0	0
5	Antimony trioxide	25.11	0.020
6	Arsenic (inorganic)	0	0
7	Benzene	0	0
8	Cadmium	0	0
9	Chlorobenzene	0	0
10	Chromium, Hexavalent	0	0
11	Chromium, Non-Hexavalent	0	0
12	Copper	0	0
13	Diesel Particulate	0	0
14	Ethyl Benzene	192.49	0.095
15	Formaldehyde	0	0
16	Hexane	0	0
17	Hydrogen Chloride	0	0
18	Lead (inorganic)	0	0
19	Manganese	0	0
20	Mercury (inorganic)	0	0
21	Methyl Acetate	4,601.36	6.514



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Methyl Ethyl Ketone	4,812.31	2.367
23	Naphthalene	0	0
24	Nickel (except nickel oxide)	0	0
25	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0	0
26	Propylene	0	0
27	Selenium	0	0
28	Toluene	3,849.85	1.894
29	Xylenes (mixed)	769.97	0.379
30	Zinc	0	0





# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Costco Wholesale/Costco Gasoline  
**EIF ID:** 9541

12135 Tech Center Dr  
Poway, CA 92064

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Total Organic Gases (TOG)	4.8	6.8
2	Volatile Organic Compounds (VOC)	4.8	6.8

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	2,2,4-Trimethylpentane	71.60	0.047
2	Benzene	62.44	0.027
3	Ethyl Benzene	69.15	0.007
4	Hexane	151.14	0.095
5	Toluene	379.91	0.074
6	Xylenes (mixed)	117.96	0.027



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** CA Commercial Asphalt Enterprises  
**EIF ID:** 10705

9229 Harris Plant Rd  
San Diego, CA 92145

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	20.5	70.8
2	Nitrogen Oxides (NOx)	6.1	21.2
3	Particulate Matter (PM10)	8.0	15.5
4	Sulfur Oxides (SOx)	0.6	2.1
5	Total Organic Gases (TOG)	2.0	6.8
6	Total Particulates (TSP)	21.1	35.1
7	Volatile Organic Compounds (VOC)	1.1	3.7

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0	0
2	2-Methyl naphthalene [PAH, POM]	20.46	0.037
3	Acenaphthene [PAH, POM]	0.37	<0.001
4	Acenaphthylene [PAH, POM]	0.17	<0.001
5	Acetaldehyde	87.00	0.144
6	Acrolein	0	0
7	Aluminum	70.14	0.069
8	Anthracene [PAH, POM]	0.09	<0.001
9	Arsenic (inorganic)	0.36	<0.001
10	Barium	1.17	0.001
11	Benzene	76.12	0.126
12	Benzo[a]Anthracene	0.01	<0.001
13	Benzo[a]Pyrene	<0.01	<0.001
14	Benzo[b]Fluoranthene	<0.01	<0.001
15	Benzo[e]pyrene [PAH, POM]	<0.01	<0.001
16	Benzo[g,h,i]perylene [PAH, POM]	<0.01	<0.001
17	Benzo[k]Fluoranthene	<0.01	<0.001
18	Beryllium	0.05	<0.001
19	Cadmium	0.18	<0.001
20	Chlorobenzene	0	0



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
21	Chromium, Hexavalent	0.01	<0.001
22	Chromium, Non-Hexavalent	0.59	<0.001
23	Chromium, Total	0.15	<0.001
24	Chrysene [PAH, POM]	0.05	<0.001
25	Cobalt	<0.01	<0.001
26	Copper	1.72	0.002
27	Crotonaldehyde	7.88	0.013
28	Dibenz[a,h]Anthracene	<0.01	<0.001
29	Diesel Particulate	0	0
30	Ethyl Benzene	598.12	0.990
31	Fluoranthene [PAH, POM]	0.07	<0.001
32	Fluorene [PAH, POM]	0.81	0.002
33	Formaldehyde	201.18	0.333
34	Hexane	0	0
35	Hydrogen Chloride	0	0
36	Indeno(1,2,3-cd)Pyrene	<0.01	<0.001
37	Lead (inorganic)	0.76	<0.001
38	Manganese	8.37	0.008
39	Mercury (inorganic)	0.11	<0.001
40	Methane	2,011.85	3.330
41	Naphthalene	10.40	0.019
42	Nickel (except nickel oxide)	1.14	0.002
43	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	2.88	0.013
44	Perylene [PAH, POM]	0.01	<0.001
45	Phenanthrene [PAH, POM]	1.10	0.003
46	Phenol	0.57	0.003
47	Propylene	0	0
48	Pyrene [PAH, POM]	0.09	<0.001
49	Quinone	73.41	0.122
50	Selenium	0.18	<0.001
51	Silica, Crystalline	1,230.46	0.888
52	Toluene	271.87	0.450



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

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#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
53	Xylenes (mixed)	734.05	1.215
54	Zinc	3.84	0.005

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# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Cortez Cremation and Funeral Services  
**EIF ID:** 201401703

100 W 35th Street #A  
 National City, CA 91950

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	<0.1	<0.1
2	Nitrogen Oxides (NOx)	0.1	<0.1
3	Particulate Matter (PM10)	0.2	1.1
4	Sulfur Oxides (SOx)	<0.1	<0.1
5	Total Organic Gases (TOG)	<0.1	<0.1
6	Total Particulates (TSP)	0.2	1.1
7	Volatile Organic Compounds (VOC)	<0.1	<0.1

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	Acetaldehyde	0.11	<0.001
2	Arsenic (inorganic)	0.04	<0.001
3	Benzene	0.05	<0.001
4	Beryllium	<0.01	<0.001
5	Cadmium	0.01	<0.001
6	Chromium, Hexavalent	0.01	<0.001
7	Chromium, Non-Hexavalent	0.02	<0.001
8	Copper	0.03	<0.001
9	Formaldehyde	0.03	<0.001
10	Hydrogen Chloride	61.58	0.151
11	Hydrogen Fluoride	0.56	0.001
12	Lead (inorganic)	0.07	<0.001
13	Mercury (inorganic)	3.49	0.005
14	Nickel (except nickel oxide)	0.04	<0.001
15	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	<0.01	<0.001
16	Selenium	0.05	<0.001
17	Toluene	0.71	0.002
18	Xylenes (mixed)	0.20	<0.001
19	Zinc	0.04	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

Facility: SC Commercial LLC  
EIF ID: 201602267

321 S Quince St  
Escondido, CA 92025

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Total Organic Gases (TOG)	2.9	1.4
2	Volatile Organic Compounds (VOC)	2.9	1.4

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	2,2,4-Trimethylpentane	40.16	0.010
2	Benzene	24.30	0.006
3	Ethyl Benzene	9.44	0.001
4	Hexane	80.81	0.019
5	Toluene	79.93	0.015
6	Xylenes (mixed)	27.79	0.006



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Escondido Materials DBA  
**EIF ID:** 10158

Various Locations - Portable  
San Diego, CA 92000

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	3.2	42.9
2	Nitrogen Oxides (NOx)	1.0	12.9
3	Particulate Matter (PM10)	6.7	12.6
4	Sulfur Oxides (SOx)	0.5	1.1
5	Total Organic Gases (TOG)	6.0	14.2
6	Total Particulates (TSP)	11.0	18.7
7	Volatile Organic Compounds (VOC)	4.4	10.3

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,1,1-Trichloroethane	13.20	0.015
2	1,3-Butadiene	0	0
3	2,2,4-Trimethylpentane	11.00	0.013
4	2-Methyl naphthalene [PAH, POM]	22.69	0.027
5	Acenaphthene [PAH, POM]	0.64	<0.001
6	Acenaphthylene [PAH, POM]	2.39	0.003
7	Acetaldehyde	0	0
8	Acrolein	0	0
9	Aluminum	66.02	0.034
10	Anthracene [PAH, POM]	0.13	<0.001
11	Antimony	0.05	<0.001
12	Arsenic (inorganic)	0.23	<0.001
13	Barium	2.34	0.002
14	Benzene	107.24	0.126
15	Benzo[a]Anthracene	0.08	<0.001
16	Benzo[a]Pyrene	<0.01	<0.001
17	Benzo[b]Fluoranthene	0.03	<0.001
18	Benzo[e]pyrene [PAH, POM]	0.04	<0.001
19	Benzo[g,h,i]perylene [PAH, POM]	0.01	<0.001
20	Benzo[k]Fluoranthene	0.01	<0.001



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
21	Beryllium	<0.01	<0.001
22	Cadmium	0.12	<0.001
23	Chlorobenzene	0	0
24	Chromium, Hexavalent	0.12	<0.001
25	Chromium, Non-Hexavalent	0.20	<0.001
26	Chromium, Total	1.51	0.002
27	Chrysene [PAH, POM]	0.15	<0.001
28	Cobalt	0.01	<0.001
29	Copper	1.04	0.001
30	Crotonaldehyde	7.97	0.009
31	Dibenz[a,h]Anthracene	<0.01	<0.001
32	Diesel Particulate	0	0
33	Ethyl Benzene	65.99	0.077
34	Ethylene	1,924.83	2.257
35	Fluoranthene [PAH, POM]	0.22	<0.001
36	Fluorene [PAH, POM]	1.80	0.002
37	Formaldehyde	852.43	0.999
38	Hexane	252.98	0.297
39	Hydrogen Chloride	0	0
40	Indeno(1,2,3-cd)Pyrene	<0.01	<0.001
41	Lead (inorganic)	0.32	<0.001
42	Manganese	4.68	0.004
43	Mercury (inorganic)	0.07	<0.001
44	Methane	3,299.71	3.869
45	Naphthalene	25.98	0.030
46	Nickel (except nickel oxide)	17.49	0.020
47	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	5.83	0.007
48	Perylene [PAH, POM]	0.02	<0.001
49	Phenanthrene [PAH, POM]	2.89	0.003
50	Phenol	1.16	0.001
51	Phosphorous	7.70	0.009
52	Propylene	0	0





# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
53	Pyrene [PAH, POM]	0.30	<0.001
54	Quinone	74.24	0.087
55	Selenium	0.10	<0.001
56	Silica, Crystalline	450.93	0.229
57	Silver	0.13	<0.001
58	Thallium	<0.01	<0.001
59	Toluene	41.25	0.048
60	Xylenes (mixed)	55.00	0.064
61	Zinc	17.23	0.020



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

Facility: USD  
EIF ID: 400

5998 Alcalá Park  
San Diego, CA 92110

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Carbon Monoxide (CO)	0.2	15.1
2	Nitrogen Oxides (NOx)	0.8	110.2
3	Particulate Matter (PM10)	<0.1	4.6
4	Sulfur Oxides (SOx)	<0.1	<0.1
5	Total Organic Gases (TOG)	0.2	7.0
6	Total Particulates (TSP)	<0.1	4.6
7	Volatile Organic Compounds (VOC)	0.1	6.2

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,3-Butadiene	0.36	0.033
2	2,2,4-Trimethylpentane	1.12	0.015
3	Acetaldehyde	1.29	0.118
4	Acrolein	0.06	0.005
5	Arsenic (inorganic)	<0.01	<0.001
6	Benzene	1.11	0.039
7	Cadmium	<0.01	<0.001
8	Chlorobenzene	<0.01	<0.001
9	Chromium, Hexavalent	<0.01	<0.001
10	Chromium, Non-Hexavalent	<0.01	<0.001
11	Copper	<0.01	<0.001
12	Dichlorobenzenes (mixed isomers)	0.02	<0.001
13	Diesel Particulate	39.31	4.266
14	Ethyl Benzene	0.51	0.008
15	Formaldehyde	4.01	0.265
16	Hexane	29.84	0.110
17	Hydrogen Chloride	0.31	0.028
18	Lead (inorganic)	0.01	0.001
19	Manganese	<0.01	<0.001
20	Mercury (inorganic)	<0.01	<0.001
21	Methyl Tert Butyl Ether	18.50	0.250



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
22	Naphthalene	0.04	0.003
23	Nickel (except nickel oxide)	<0.01	<0.001
24	PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0.06	0.005
25	Propylene	0.77	0.071
26	Selenium	<0.01	<0.001
27	Toluene	3.51	0.060
28	Xylenes (mixed)	1.15	0.021
29	Zinc	0.04	0.003



# FACILITY EMISSIONS

## 2018 EMISSIONS INVENTORY REPORT

**Facility:** Taylor Guitars  
**EIF ID:** 91383

1940 Gillespie Way  
El Cajon, CA 92020

#	Criteria Pollutant	Annual Emissions (tons/yr)	Hourly Emissions (lbs/hr)
1	Particulate Matter (PM10)	<0.1	<0.1
2	Total Organic Gases (TOG)	3.5	14.0
3	Total Particulates (TSP)	<0.1	<0.1
4	Volatile Organic Compounds (VOC)	2.2	11.3

#	Toxic Air Contaminant	Annual Emissions (lbs/yr)	Hourly Emissions (lbs/hr)
1	1,2,4-Trimethylbenzene	43.49	0.018
2	Acetone	1,145.55	0.425
3	Butanol	44.00	0.386
4	Chlorobenzotrifluoride,para	21.08	1.506
5	Ethanol	1.04	0.004
6	Ethyl Benzene	9.20	0.278
7	Ethylene Glycol Butyl Ether	190.81	0.080
8	Glycol Ethers, Unspecified	0	0
9	Isopropyl Alcohol	3.90	0.008
10	Methyl Acetate	1,288.43	0.781
11	Methyl Ethyl Ketone	692.99	1.322
12	Methyl Isobutyl Ketone	35.81	0.112
13	Propylene glycol monomethyl ether acetate	567.65	1.619
14	Styrene	1,107.22	0.302
15	Toluene	30.47	0.133
16	Toluene Diisocyanate,2,4-	0.88	0.016
17	Toluene Diisocyanate,2,6-	0.10	0.005
18	Xylenes (mixed)	41.18	1.152