

# Portland Air Toxics Solutions 2005 Emissions Inventory Summary for Permitted Industrial Sources



State of Oregon  
Department of  
Environmental  
Quality



This is a summary of DEQ's 2005 emission inventory for the Portland Air Toxics Solutions (PATS) project. Emissions are in tons per year. Area and Non-Road Sources are listed by Source Classification Code and description. On-Road Sources include cars, trucks, buses and motorcycles and are listed by vehicle type. Permitted industrial (i.e. point) sources are listed by facility name. Questions about the inventory may be submitted to the following email address. Please put "PATS EI" in the subject line: [airquality.info@deq.state.or.us](mailto:airquality.info@deq.state.or.us)

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**Methylene Chloride Estimates: tpy**

Permit_No	Facility_Name	Total	Percent_Of_Permitted_Point
98607JMSRVNE4TH	GEORGIA-PACIFIC CONSUMER PRODUCTS (CAMAS) LLC	3.55	90.72%
26-2068	ESCO Corporation	0.14	3.56%
1057	Tetra Pak Materials LP	0.10	2.55%
1168	Christensen Shipyards, Ltd.	0.08	2.04%
34-2638	Tektronix, Inc.	0.02	0.39%
03-1850	Blue Heron Paper Company	0.01	0.32%
26-3112	Dura Industries	0.01	0.22%
26-2557	Blasen Blasen Lumber	2.7E-03	0.07%
03-2729	Northwest Pipeline Corporation	1.9E-03	0.05%
26-2777	Graphic Packaging International, Inc.	1.0E-03	0.03%
36-6142	SP Newsprint Co.	9.6E-04	0.02%
98660FBRCTBLDG2	FABRICATED PRODUCTS INC. DBA SEAFAB METALS CO.	9.0E-04	0.02%
34-2066	Stimson Lumber Company	2.6E-04	0.01%
26-3310	St Johns Landfill (Metropolitan Service District)	6.4E-05	0.002%
	<b>Total</b>	<b>3.91</b>	

**Acetaldehyde Estimates: tpy**

Permit_No	Facility_Name	Total	Percent_Of_Permitted_Point
36-6142	SP Newsprint Co.	20.86	64.28%
98607JMSRVNE4TH	GEORGIA-PACIFIC CONSUMER PRODUCTS (CAMAS) LLC	5.45	16.79%
03-1850	Blue Heron Paper Company	4.69	14.45%
03-2729	Northwest Pipeline Corporation	0.79	2.43%
26-1894	Malarkey Roofing Company	0.37	1.15%
1909	Clark Public Utilities / River Road Generating Project	0.11	0.33%
26-2435	Cardinal Aluminum	0.06	0.19%
26-2068	ESCO Corporation	0.05	0.17%
03-2145	West Linn Paper Company	0.01	0.04%
26-1865	Oregon Steel Mills, Inc.	0.01	0.04%
34-2762	Bonita Packaging Products Inc.	0.01	0.03%
26-2557	Blasen Blasen Lumber	0.01	0.02%
26-3240	Microchip Technology, Inc.	4.87E-03	0.02%
26-1876	Owens-Brockway Glass Container Inc.	3.70E-03	0.01%
26-2050	Oregon Health Sciences University	2.78E-03	0.01%
26-2025	Paramount Petroleum, Willbridge Refinery	2.29E-03	0.01%
26-2572	Container Management Services, LLC	1.26E-03	0.004%
26-3067	Owens-Corning Roofing and Asphalt LLC	1.04E-03	0.003%
26-2968	Kraft Foods Global, Inc.	9.71E-04	0.003%
26-3002	Wacker/Siltronics	9.12E-04	0.003%
26-3009	Dynea Overlays, Inc.	6.92E-04	0.002%
26-3224	Vigor Industrial, LLC	5.74E-04	0.002%
26-3242	Lakeside Industries, Front Ave. Facility	5.62E-04	0.002%
34-2783	Bimbo Bakeries	5.11E-04	0.002%
34-2638	Tektronix, Inc.	4.67E-04	0.001%
26-2777	Graphic Packaging International, Inc.	4.55E-04	0.001%
34-2066	Stimson Lumber Company	3.95E-04	0.001%
26-2027	Chevron Products Company	3.38E-04	0.001%
26-1814	Hercules Incorporated	3.04E-04	0.001%
03-0004	Fred Meyer, Inc.	2.98E-04	0.001%
26-3305	Lakeside Industries, 100th Ave & Foster Road Asphalt Plant	2.68E-04	0.001%
26-1885	GALVANIZERS CO	2.46E-04	0.001%
26-1815	Owens-Corning Corporation	2.22E-04	0.001%
34-0005	VALMONT COATINGS - PACIFIC STATES GALVANIZING	2.21E-04	0.001%
26-2332	Crown Cork & Seal Company (USA), Inc.	2.19E-04	0.001%

34-2060	Masterbrand Cabinets, Inc.	1.83E-04	0.001%
03-2634	JOHNSON CONTROLS BATTERY GROUP INC.	1.68E-04	0.001%
26-0012	Intelicoat Technologies, LLC	1.52E-04	0.0005%
26-2952	Franz Bakery	1.39E-04	0.0004%
26-0103	Journal Graphics	1.13E-04	0.0003%
03-0041	McClure Industries, Inc.	7.38E-05	0.0002%
26-2029	Shore Terminals LLC	5.69E-05	0.0002%
03-2777	Miles Fiberglass & Plastics, Inc.	1.20E-05	0.00004%
03-2778	Miles Fiberglass & Plastics, Inc.	1.17E-05	0.00004%
34-2681	Intel Corporation	9.09E-06	0.00003%
26-0157	Ring Industrial/EZ Flow	8.70E-06	0.00003%
26-2944	Gunderson, Inc.	4.31E-06	0.00001%
26-1891	Ash Grove Cement Company	1.34E-07	0.0000004%
	<b>Total</b>	<b>32.46</b>	

**Acrolein Estimates: tpy**

Permit No	Facility_Name	Total	Percent_Of_Permitted_Point
26-1894	Malarkey Roofing Company	0.847	45.16%
03-2729	Northwest Pipeline Corporation	0.514	27.38%
03-1850	Blue Heron Paper Company	0.182	9.68%
26-2435	Cardinal Aluminum	0.138	7.34%
26-2557	Blasen Blasen Lumber	0.037	1.99%
26-1865	Oregon Steel Mills, Inc.	0.026	1.40%
26-2068	ESCO Corporation	0.025	1.35%
36-6142	SP Newsprint Co.	0.024	1.30%
1909	Clark Public Utilities / River Road Generating Project	0.017	0.91%
26-3240	Microchip Technology, Inc.	0.011	0.59%
26-1876	Owens-Brockway Glass Container Inc.	0.008	0.45%
03-2145	West Linn Paper Company	0.007	0.38%
26-2050	Oregon Health Sciences University	0.006	0.34%
26-2025	Paramount Petroleum, Willbridge Refinery	0.005	0.28%
26-2572	Container Management Services, LLC	2.84E-03	0.15%
26-2197	Freightliner LLC (Daimler Trucks North America, LLC)	2.41E-03	0.13%
26-3067	Owens-Corning Roofing and Asphalt LLC	2.36E-03	0.13%
26-2968	Kraft Foods Global, Inc.	2.20E-03	0.12%
26-3002	Wacker/Siltronics	2.06E-03	0.11%
34-2066	Stimson Lumber Company	2.05E-03	0.11%
26-3009	Dynea Overlays, Inc.	1.57E-03	0.08%
26-3242	Lakeside Industries, Front Ave. Facility	1.27E-03	0.07%
34-2638	Tektronix, Inc.	1.04E-03	0.06%
26-2777	Graphic Packaging International, Inc.	1.03E-03	0.05%
34-2783	Bimbo Bakeries	9.27E-04	0.05%
26-1814	Hercules Incorporated	6.88E-04	0.04%
03-0004	Fred Meyer, Inc.	6.75E-04	0.04%
26-3224	Vigor Industrial, LLC	6.71E-04	0.04%
26-3305	Lakeside Industries, 100th Ave & Foster Road Asphalt Plant	6.08E-04	0.03%
26-1885	GALVANIZERS CO	5.57E-04	0.03%
26-1815	Owens-Corning Corporation	5.03E-04	0.03%
34-0005	VALMONT COATINGS - PACIFIC STATES GALVANIZING	5.00E-04	0.03%
26-2332	Crown Cork & Seal Company (USA), Inc.	4.96E-04	0.03%
26-2492	Northwest Pipe Company	4.46E-04	0.02%
26-2027	Chevron Products Company	3.83E-04	0.02%

03-2634	JOHNSON CONTROLS BATTERY GROUP INC.	3.80E-04	0.02%
26-0012	Intelicoat Technologies, LLC	3.43E-04	0.02%
26-2952	Franz Bakery	3.01E-04	0.02%
26-0103	Journal Graphics	2.56E-04	0.01%
34-2060	Masterbrand Cabinets, Inc.	2.08E-04	0.01%
03-0041	McClure Industries, Inc.	1.67E-04	0.01%
26-2029	Shore Terminals LLC	6.46E-05	0.003%
03-2777	Miles Fiberglass & Plastics, Inc.	2.71E-05	0.001%
03-2778	Miles Fiberglass & Plastics, Inc.	2.66E-05	0.001%
34-2681	Intel Corporation	2.06E-05	0.001%
26-0157	Ring Industrial/EZ Flow	1.97E-05	0.001%
26-2944	Gunderson, Inc.	9.77E-06	0.001%
26-1891	Ash Grove Cement Company	3.03E-07	0.00002%
	<b>Total</b>	<b>1.87584</b>	

**Butadiene Estimates: tpy**

Source_No	Facility_Name	Total	Percent_Of_Permitted_Point
26-2030	BP West Coast Products, LLC	0.0496	56.53%
03-2729	Northwest Pipeline Corporation	0.0331	37.67%
03-2145	West Linn Paper Company	0.0046	5.19%
26-3224	Vigor Industrial, LLC	0.0005	0.58%
36-6142	SP Newsprint Co.	0.00001	0.02%
	<b>Total</b>	<b>0.0878</b>	

**Formaldehyde Estimates: tpy**

Permit_No	Facility_Name	Total	Percent_Of_Permitted_Point
26-3035	IMACC Corporation	4.69	36.10%
26-1894	Malarkey Roofing Company	2.48	19.13%
1956	Northwest Pipeline GP / Washougal	2.26	17.43%
1909	Clark Public Utilities / River Road Generating Project	1.91	14.74%
26-2435	Cardinal Aluminum	0.40	3.11%
26-2068	ESCO Corporation	0.28	2.18%
03-1850	Blue Heron Paper Company	0.25	1.91%
26-2572	Container Management Services, LLC	0.12	0.92%
26-3009	Dynea Overlays, Inc.	0.11	0.84%
03-2145	West Linn Paper Company	0.10	0.74%
26-1865	Oregon Steel Mills, Inc.	0.08	0.59%
26-2557	Blasen Blasen Lumber	0.04	0.32%
36-6142	SP Newsprint Co.	0.04	0.30%
26-3240	Microchip Technology, Inc.	0.03	0.25%
26-1876	Owens-Brockway Glass Container Inc.	0.02	0.19%
34-2762	Bonita Packaging Products Inc.	0.02	0.18%
26-2050	Oregon Health Sciences University	0.02	0.14%
34-2756	DMH, Inc.	0.02	0.13%
26-2025	Paramount Petroleum, Willbridge Refinery	0.02	0.12%
0448	Frito-Lay, Inc.	0.013	0.10%
03-2729	Northwest Pipeline Corporation	0.008	0.06%
26-2197	Freightliner LLC (Daimler Trucks North America, LLC)	0.007	0.05%
26-3067	Owens-Corning Roofing and Asphalt LLC	0.007	0.05%
26-2968	Kraft Foods Global, Inc.	0.006	0.05%
26-3002	Wacker/Siltronics	0.006	0.05%
26-3224	Vigor Industrial, LLC	0.004	0.03%
26-3242	Lakeside Industries, Front Ave. Facility	0.004	0.03%
34-2783	Bimbo Bakeries	0.003	0.03%
34-2638	Tektronix, Inc.	0.003	0.02%
26-2777	Graphic Packaging International, Inc.	0.003	0.02%
26-2027	Chevron Products Company	0.002	0.02%
34-2066	Stimson Lumber Company	0.002	0.02%
26-1814	Hercules Incorporated	0.002	0.02%
03-0004	Fred Meyer, Inc.	0.002	0.02%
26-3305	Lakeside Industries, 100th Ave & Foster Road Asphalt Plant	0.002	0.01%

26-1885	GALVANIZERS CO	0.002	0.01%
26-1815	Owens-Corning Corporation	0.001	0.01%
34-0005	VALMONT COATINGS - PACIFIC STATES GALVANIZING	0.001	0.01%
26-2332	Crown Cork & Seal Company (USA), Inc.	0.001	0.01%
26-2492	Northwest Pipe Company	0.001	0.01%
34-2060	Masterbrand Cabinets, Inc.	0.001	0.01%
03-2634	JOHNSON CONTROLS BATTERY GROUP INC.	0.001	0.01%
26-0012	Intelicoat Technologies, LLC	0.001	0.01%
26-2952	Franz Bakery	0.001	0.01%
26-0103	Journal Graphics	0.001	0.01%
03-0041	McClure Industries, Inc.	5.E-04	0.004%
0174	Bemis Company, Inc.	5.E-04	0.004%
26-2029	Shore Terminals LLC	4.E-04	0.003%
0355	Fiberweb Washougal, Inc.	9.E-05	0.001%
03-2777	Miles Fiberglass & Plastics, Inc.	8.E-05	0.001%
03-2778	Miles Fiberglass & Plastics, Inc.	8.E-05	0.001%
34-2681	Intel Corporation	6.E-05	0.0005%
26-0157	Ring Industrial/EZ Flow	6.E-05	0.0004%
26-2944	Gunderson, Inc.	3.E-05	0.0002%
26-1891	Ash Grove Cement Company	9.E-07	0.00001%
	<b>Total</b>	<b>12.98</b>	

**Naphthalene Estimates: tpy**

Permit_No	Facility_Name	Total	Percent_Of_Permitted_Point
26-3035	IMACC Corporation	1.04	65.32%
26-2068	ESCO Corporation	0.48	30.24%
26-1894	Malarkey Roofing Company	0.02	1.27%
26-2026	ConocoPhillips	0.02	0.97%
03-1850	Blue Heron Paper Company	0.01	0.48%
26-3254	U.S. AIR FORCE PORTLAND ANG AFB OR	4.6E-03	0.29%
26-2027	Chevron Products Company	4.6E-03	0.29%
26-2478	Equilon Enterprises LLC	3.6E-03	0.23%
1909	Clark Public Utilities / River Road Generating Project	3.5E-03	0.22%
26-2435	Cardinal Aluminum	3.3E-03	0.21%
34-2638	Tektronix, Inc.	1.9E-03	0.12%
03-2145	West Linn Paper Company	1.4E-03	0.09%
26-2557	Blasen Blasen Lumber	9E-04	0.06%
26-1865	Oregon Steel Mills, Inc.	6E-04	0.04%
26-2952	Franz Bakery	5E-04	0.03%
26-3240	Microchip Technology, Inc.	4E-04	0.02%
36-6142	SP Newsprint Co.	2E-04	0.02%
26-1876	Owens-Brockway Glass Container Inc.	2E-04	0.01%
26-3002	Wacker/Siltronics	2E-04	0.01%
26-2050	Oregon Health Sciences University	1E-04	0.01%
26-2025	Paramount Petroleum, Willbridge Refinery	1E-04	0.01%
26-3224	Vigor Industrial, LLC	1E-04	0.01%
26-2572	Container Management Services, LLC	7E-05	0.004%
26-2197	Freightliner LLC (Daimler Trucks North America, LLC)	6E-05	0.004%
26-3067	Owens-Corning Roofing and Asphalt LLC	6E-05	0.004%
26-2968	Kraft Foods Global, Inc.	5E-05	0.003%
03-2729	Northwest Pipeline Corporation	5E-05	0.003%
34-2066	Stimson Lumber Company	5E-05	0.003%
26-3009	Dynea Overlays, Inc.	4E-05	0.002%
26-1814	Hercules Incorporated	4E-05	0.002%
26-3242	Lakeside Industries, Front Ave. Facility	3E-05	0.002%
34-2783	Bimbo Bakeries	3E-05	0.002%
26-2777	Graphic Packaging International, Inc.	2E-05	0.002%
03-0004	Fred Meyer, Inc.	2E-05	0.001%
26-3305	Lakeside Industries, 100th Ave & Foster Road Asphalt Plant	1E-05	0.001%

26-1885	GALVANIZERS CO	1E-05	0.001%
26-1815	Owens-Corning Corporation	1E-05	0.001%
34-0005	VALMONT COATINGS - PACIFIC STATES GALVANIZING	1E-05	0.001%
26-2332	Crown Cork & Seal Company (USA), Inc.	1E-05	0.001%
26-2492	Northwest Pipe Company	1E-05	0.001%
34-2060	Masterbrand Cabinets, Inc.	1E-05	0.001%
03-2634	JOHNSON CONTROLS BATTERY GROUP INC.	9E-06	0.001%
26-0012	Intelicoat Technologies, LLC	8E-06	0.001%
26-0103	Journal Graphics	6E-06	0.0004%
03-0041	McClure Industries, Inc.	4E-06	0.0003%
26-3310	St Johns Landfill (Metropolitan Service District)	3E-06	0.0002%
26-2029	Shore Terminals LLC	3E-06	0.0002%
03-2777	Miles Fiberglass & Plastics, Inc.	6E-07	0.00004%
03-2778	Miles Fiberglass & Plastics, Inc.	6E-07	0.00004%
34-2681	Intel Corporation	5E-07	0.00003%
26-0157	Ring Industrial/EZ Flow	5E-07	0.00003%
26-2944	Gunderson, Inc.	2E-07	0.00001%
26-1891	Ash Grove Cement Company	7E-09	0.0000005%
	<b>Total</b>	<b>1.58</b>	

**Benzene Estimates: tpy**

Permit_No	Facility_Name	Total	Percent_Of_Permitted_Point
26-2068	ESCO Corporation	2.52	41.62%
26-2030	BP West Coast Products, LLC	0.68	11.29%
26-2025	Paramount Petroleum, Willbridge Refinery	0.58	9.56%
26-2027	Chevron Products Company	0.44	7.34%
26-2029	Shore Terminals LLC	0.32	5.31%
26-2028	Kinder Morgan Energy Partners, L.P	0.31	5.14%
26-1815	Owens-Corning Corporation	0.29	4.73%
03-1850	Blue Heron Paper Company	0.18	2.97%
0131	Tesoro Refining and Marketing Company / Vancouver Terminal	0.14	2.39%
26-2204	Boeing Company (The)	0.11	1.78%
26-3224	Vigor Industrial, LLC	0.07	1.22%
26-1894	Malarkey Roofing Company	0.07	1.15%
26-2478	Equilon Enterprises LLC	0.06	1.04%
03-2729	Northwest Pipeline Corporation	0.05	0.81%
26-2557	Blasen Blasen Lumber	0.04	0.65%
1956	Northwest Pipeline GP / Washougal	0.04	0.64%
36-6142	SP Newsprint Co.	0.03	0.57%
26-2026	ConocoPhillips	0.03	0.57%
1909	Clark Public Utilities / River Road Generating Project	0.03	0.54%
26-3075	TARR ACQUISITION LLC	0.02	0.31%
26-2435	Cardinal Aluminum	0.01	0.19%
03-2145	West Linn Paper Company	2.2E-03	0.04%
26-1865	Oregon Steel Mills, Inc.	2.2E-03	0.04%
34-2066	Stimson Lumber Company	2.0E-03	0.03%
26-3240	Microchip Technology, Inc.	9.1E-04	0.01%
26-1876	Owens-Brockway Glass Container Inc.	6.9E-04	0.01%
26-2050	Oregon Health Sciences University	5.2E-04	0.01%
0448	Frito-Lay, Inc.	3.6E-04	0.01%
26-2572	Container Management Services, LLC	2.3E-04	0.004%
26-2197	Freightliner LLC (Daimler Trucks North America, LLC)	2.0E-04	0.003%
26-3067	Owens-Corning Roofing and Asphalt LLC	1.9E-04	0.003%
26-2968	Kraft Foods Global, Inc.	1.8E-04	0.003%
26-3002	Wacker/Siltronics	1.7E-04	0.003%
26-3310	St Johns Landfill (Metropolitan Service District)	1.6E-04	0.003%
26-3009	Dynea Overlays, Inc.	1.3E-04	0.002%

26-3242	Lakeside Industries, Front Ave. Facility	1.0E-04	0.002%
34-2783	Bimbo Bakeries	9.5E-05	0.002%
34-2638	Tektronix, Inc.	8.5E-05	0.001%
26-2777	Graphic Packaging International, Inc.	8.5E-05	0.001%
26-1814	Hercules Incorporated	5.6E-05	0.001%
03-0004	Fred Meyer, Inc.	5.5E-05	0.001%
26-3305	Lakeside Industries, 100th Ave & Foster Road Asphalt Plant	5.0E-05	0.001%
26-1885	GALVANIZERS CO	4.6E-05	0.001%
34-0005	VALMONT COATINGS - PACIFIC STATES GALVANIZING	4.1E-05	0.001%
26-2332	Crown Cork & Seal Company (USA), Inc.	4.1E-05	0.001%
26-2492	Northwest Pipe Company	3.7E-05	0.001%
34-2060	Masterbrand Cabinets, Inc.	3.4E-05	0.001%
03-2634	JOHNSON CONTROLS BATTERY GROUP INC.	3.1E-05	0.001%
26-0012	Intelicoat Technologies, LLC	2.8E-05	0.0005%
26-2952	Franz Bakery	2.5E-05	0.0004%
26-0103	Journal Graphics	2.1E-05	0.0003%
03-0041	McClure Industries, Inc.	1.4E-05	0.0002%
0355	Fiberweb Washougal, Inc.	2.4E-06	0.00004%
03-2777	Miles Fiberglass & Plastics, Inc.	2.2E-06	0.00004%
03-2778	Miles Fiberglass & Plastics, Inc.	2.2E-06	0.00004%
34-2681	Intel Corporation	1.7E-06	0.00003%
26-0157	Ring Industrial/EZ Flow	1.6E-06	0.00003%
26-2944	Gunderson, Inc.	8.0E-07	0.00001%
26-1891	Ash Grove Cement Company	2.5E-08	0.0000004%
	<b>Total</b>	<b>6.06</b>	

***Dichlorobenzene Estimates: tpy***

Permit_No	Facility_Name	Total	Percent_Of_Permitted_Point
26-3310	St Johns Landfill (Metropolitan Service District)	0.00012	100%

***PM2.5 Emissions Estimates from distillate and diesel fuel burning: tpy***

Permit_No	Facility_Name	Total	Percent_Of_Permitted_Point
26-2025	Paramount Petroleum, Willbridge Refinery	0.47	91.41%
03-2729	Northwest Pipeline Corporation	0.03	5.72%
03-1850	Blue Heron Paper Company	0.01	2.22%
26-2050	Oregon Health Sciences University	0.003	0.66%
<b>Total</b>		<b>0.52</b>	

**Ethylbenzene Estimates: tpy**

Permit_No	Facility_Name	Total	Percent_Of_Permitted_Point
26-2572	Container Management Services, LLC	32.91	71.37%
26-3035	IMACC Corporation	8.10	17.57%
03-2761	Gem Top Mfg.	0.85	1.84%
26-3224	Vigor Industrial, LLC	0.74	1.61%
26-0026	RODDA PAINT CO	0.59	1.28%
1168	Christensen Shipyards, Ltd.	0.57	1.24%
34-2756	DMH, Inc.	0.39	0.84%
0954	Thompson Metal Fab, Inc.	0.38	0.82%
2285	Wellons, Inc.	0.33	0.72%
26-2332	Crown Cork & Seal Company (USA), Inc.	0.22	0.48%
1297	Steel Painters, Inc. / Vancouver	0.15	0.33%
26-2068	ESCO Corporation	0.10	0.22%
26-2025	Paramount Petroleum, Willbridge Refinery	0.08	0.18%
26-2028	Kinder Morgan Energy Partners, L.P	0.08	0.17%
0131	Tesoro Refining and Marketing Company / Vancouver Terminal	0.07	0.15%
0321	Columbia Machine, Inc.	0.07	0.14%
26-2030	BP West Coast Products, LLC	0.06	0.14%
26-2027	Chevron Products Company	0.06	0.12%
1909	Clark Public Utilities / River Road Generating Project	0.06	0.12%
0380	DeWils Industries, Inc.	0.05	0.11%
26-1815	Owens-Corning Corporation	0.04	0.09%
26-2204	Boeing Company (The)	0.04	0.08%
26-2029	Shore Terminals LLC	0.04	0.08%
0338	Composite Materials Technology of South Carolina, LLC	0.02	0.05%
26-2478	Equilon Enterprises LLC	0.02	0.05%
34-2638	Tektronix, Inc.	0.02	0.04%
26-3075	TARR ACQUISITION LLC	0.02	0.03%
26-3254	U.S. AIR FORCE PORTLAND ANG AFB OR	0.02	0.03%
26-2026	ConocoPhillips	0.01	0.03%
26-2435	Cardinal Aluminum	0.01	0.03%
0150	Attbar, Inc.	0.01	0.02%
03-2729	Northwest Pipeline Corporation	3.9E-03	0.01%
26-3310	St Johns Landfill (Metropolitan Service District)	3.0E-03	0.01%
26-1865	Oregon Steel Mills, Inc.	2.4E-03	0.01%
03-1850	Blue Heron Paper Company	1.8E-03	0.004%

03-2145	West Linn Paper Company	1.5E-03	0.003%
26-3240	Microchip Technology, Inc.	1.0E-03	0.002%
26-1876	Owens-Brockway Glass Container Inc.	7.6E-04	0.002%
26-2050	Oregon Health Sciences University	5.7E-04	0.001%
36-6142	SP Newsprint Co.	3.1E-04	0.001%
26-2557	Blasen Blasen Lumber	2.9E-04	0.001%
26-2197	Freightliner LLC (Daimler Trucks North America, LLC)	2.2E-04	0.0005%
26-3067	Owens-Corning Roofing and Asphalt LLC	2.1E-04	0.0005%
26-2968	Kraft Foods Global,Inc.	2.0E-04	0.0004%
26-3002	Wacker/Siltronics	1.9E-04	0.0004%
26-2777	Graphic Packaging International, Inc.	1.8E-04	0.0004%
26-3009	Dynea Overlays, Inc.	1.4E-04	0.0003%
26-3242	Lakeside Industries, Front Ave. Facility	1.1E-04	0.0002%
34-2783	Bimbo Bakeries	1.0E-04	0.0002%
26-1814	Hercules Incorporated	6.2E-05	0.0001%
03-0004	Fred Meyer, Inc.	6.1E-05	0.0001%
26-3305	Lakeside Industries, 100th Ave & Foster Road Asphalt Plant	5.5E-05	0.0001%
26-1885	GALVANIZERS CO	5.0E-05	0.0001%
34-0005	VALMONT COATINGS - PACIFIC STATES GALVANIZING	4.5E-05	0.0001%
26-2492	Northwest Pipe Company	4.0E-05	0.0001%
34-2060	Masterbrand Cabinets, Inc.	3.8E-05	0.0001%
03-2634	JOHNSON CONTROLS BATTERY GROUP INC.	3.4E-05	0.0001%
26-0012	Intelicoat Technologies, LLC	3.1E-05	0.0001%
26-2952	Franz Bakery	2.9E-05	0.0001%
26-0103	Journal Graphics	2.3E-05	0.0001%
03-0041	McClure Industries, Inc.	1.5E-05	0.00003%
34-2066	Stimson Lumber Company	1.5E-05	0.00003%
03-2777	Miles Fiberglass & Plastics, Inc.	2.4E-06	0.00001%
03-2778	Miles Fiberglass & Plastics, Inc.	2.4E-06	0.00001%
34-2681	Intel Corporation	1.9E-06	0.000004%
26-0157	Ring Industrial/EZ Flow	1.8E-06	0.000004%
26-2944	Gunderson, Inc.	8.8E-07	0.000002%
26-1891	Ash Grove Cement Company	2.7E-08	0.0000001%
	<b>Total</b>	<b>46.11</b>	

**Perchloroethylene Estimates: tpy**

Permit_No	Facility_Name	Total	Percent_Of_Permitted_Point
26-2204	Boeing Company (The)	7.155	99.84%
26-3075	TARR ACQUISITION LLC	0.008	0.11%
03-1850	Blue Heron Paper Company	0.002	0.02%
0480	Great Western Malting Company	0.001	0.01%
26-2068	ESCO Corporation	4.8E-04	0.01%
26-2777	Graphic Packaging International, Inc.	3.3E-04	0.005%
26-2557	Blasen Blasen Lumber	1.8E-04	0.002%
26-3310	St Johns Landfill (Metropolitan Service District)	1.6E-04	0.002%
36-6142	SP Newsprint Co.	6.7E-05	0.001%
34-2066	Stimson Lumber Company	1.8E-05	0.0003%
	<b>Total</b>	<b>7.17</b>	

**Note: Perc drycleaner emissions (non-permitted) are not included here.**

**Perc drycleaner emissions are estimated to be 43.1 tpy within the PATS EI grid.**

**Trichloroethylene Estimates: tpy**

Permit_No	Facility_Name	Total	Percent_Of_Permitted_Point
34-2638	Tektronix, Inc.	9.45	50.96%
26-2435	Cardinal Aluminum	5.38	29.01%
26-0018	East Side Plating	3.30	17.80%
26-0067	West Coast Wire Rope & Rigging	0.36	1.97%
34-2762	Bonita Packaging Products Inc.	0.04	0.24%
0480	Great Western Malting Company	2.5E-03	0.01%
03-1850	Blue Heron Paper Company	1.3E-03	0.01%
26-2557	Blasen Blasen Lumber	2.8E-04	0.002%
26-3310	St Johns Landfill (Metropolitan Service District)	1.1E-04	0.0006%
36-6142	SP Newsprint Co.	5.3E-05	0.0003%
34-2066	Stimson Lumber Company	1.4E-05	0.0001%
	<b>Total</b>	<b>18.54</b>	

**Arsenic Estimates: tpy**

Permit_No	Facility_Name	Total	Percent_Of_Permitted_Point
26-1891	Ash Grove Cement Company	0.114	80.23%
26-2068	ESCO Corporation	0.008	5.79%
26-1876	Owens-Brockway Glass Container Inc.	0.007	4.87%
26-1894	Malarkey Roofing Company	0.007	4.64%
26-2204	Boeing Company (The)	0.002	1.22%
03-2145	West Linn Paper Company	0.001	0.82%
03-1850	Blue Heron Paper Company	0.001	0.75%
26-2435	Cardinal Aluminum	0.001	0.75%
26-2952	Franz Bakery	3.4E-04	0.24%
26-2557	Blasen Blasen Lumber	2.1E-04	0.14%
26-1865	Oregon Steel Mills, Inc.	2.1E-04	0.14%
26-3224	Vigor Industrial, LLC	1.1E-04	0.08%
26-3240	Microchip Technology, Inc.	8.6E-05	0.06%
36-6142	SP Newsprint Co.	6.5E-05	0.05%
26-2050	Oregon Health Sciences University	4.9E-05	0.03%
26-2025	Paramount Petroleum, Willbridge Refinery	4.1E-05	0.03%
26-2572	Container Management Services, LLC	2.2E-05	0.02%
26-2197	Freightliner LLC (Daimler Trucks North America, LLC)	1.9E-05	0.01%
26-3067	Owens-Corning Roofing and Asphalt LLC	1.8E-05	0.01%
26-2968	Kraft Foods Global, Inc.	1.7E-05	0.01%
26-3002	Wacker/Siltronics	1.6E-05	0.01%
26-3009	Dynea Overlays, Inc.	1.2E-05	0.01%
34-2066	Stimson Lumber Company	1.1E-05	0.01%
26-3242	Lakeside Industries, Front Ave. Facility	9.9E-06	0.01%
34-2638	Tektronix, Inc.	9.2E-06	0.01%
34-2783	Bimbo Bakeries	9.0E-06	0.01%
26-2777	Graphic Packaging International, Inc.	8.1E-06	0.01%
26-2027	Chevron Products Company	6.0E-06	0.004%
26-1814	Hercules Incorporated	5.4E-06	0.004%
03-0004	Fred Meyer, Inc.	5.3E-06	0.004%
26-3305	Lakeside Industries, 100th Ave & Foster Road Asphalt Plant	4.8E-06	0.003%
26-1885	GALVANIZERS CO	4.4E-06	0.003%
26-1815	Owens-Corning Corporation	3.9E-06	0.003%
34-0005	VALMONT COATINGS - PACIFIC STATES GALVANIZING	3.9E-06	0.003%
26-2332	Crown Cork & Seal Company (USA), Inc.	3.9E-06	0.003%

26-2492	Northwest Pipe Company	3.5E-06	0.002%
34-2060	Masterbrand Cabinets, Inc.	3.2E-06	0.002%
03-2634	JOHNSON CONTROLS BATTERY GROUP INC.	3.0E-06	0.002%
26-0012	Intelicoat Technologies, LLC	2.7E-06	0.002%
26-0103	Journal Graphics	2.0E-06	0.001%
03-0041	McClure Industries, Inc.	1.3E-06	0.001%
26-2029	Shore Terminals LLC	1.0E-06	0.001%
03-2729	Northwest Pipeline Corporation	9.1E-07	0.001%
03-2777	Miles Fiberglass & Plastics, Inc.	2.1E-07	0.0001%
03-2778	Miles Fiberglass & Plastics, Inc.	2.1E-07	0.0001%
34-2681	Intel Corporation	1.6E-07	0.0001%
26-0157	Ring Industrial/EZ Flow	1.5E-07	0.0001%
26-2944	Gunderson, Inc.	7.6E-08	0.0001%
	<b>Total</b>	<b>0.143</b>	

**Cadmium Estimates: tpy**

Permit_No	Facility_Name	Total	Percent_Of_Permitted_Point
26-1894	Malarkey Roofing Company	0.0364	37.08%
26-2068	ESCO Corporation	0.0128	13.08%
26-1876	Owens-Brockway Glass Container Inc.	0.0126	12.84%
26-2204	Boeing Company (The)	0.0110	11.23%
26-1891	Ash Grove Cement Company	0.0097	9.86%
26-2435	Cardinal Aluminum	0.0059	6.03%
34-0005	VALMONT COATINGS - PACIFIC STATES GALVANIZING	0.0024	2.41%
26-1885	GALVANIZERS CO	0.0017	1.73%
03-2145	West Linn Paper Company	0.0014	1.38%
26-1865	Oregon Steel Mills, Inc.	0.0011	1.15%
03-1850	Blue Heron Paper Company	0.0009	0.95%
26-3240	Microchip Technology, Inc.	0.0005	0.48%
26-2050	Oregon Health Sciences University	0.0003	0.28%
26-2025	Paramount Petroleum, Willbridge Refinery	0.0002	0.23%
36-6142	SP Newsprint Co.	0.0001	0.13%
26-2572	Container Management Services, LLC	0.0001	0.12%
26-2197	Freightliner LLC (Daimler Trucks North America, LLC)	0.0001	0.11%
26-3067	Owens-Corning Roofing and Asphalt LLC	0.0001	0.10%
26-2968	Kraft Foods Global, Inc.	0.0001	0.10%
26-3002	Wacker/Siltronics	0.0001	0.09%
26-3009	Dynea Overlays, Inc.	0.0001	0.07%
26-3242	Lakeside Industries, Front Ave. Facility	0.0001	0.06%
34-2783	Bimbo Bakeries	5.0E-05	0.05%
26-3224	Vigor Industrial, LLC	4.9E-05	0.05%
34-2638	Tektronix, Inc.	4.5E-05	0.05%
26-2777	Graphic Packaging International, Inc.	4.4E-05	0.05%
26-2557	Blasen Blasen Lumber	3.8E-05	0.04%
26-2027	Chevron Products Company	3.3E-05	0.03%
26-1814	Hercules Incorporated	3.0E-05	0.03%
03-0004	Fred Meyer, Inc.	2.9E-05	0.03%
26-3305	Lakeside Industries, 100th Ave & Foster Road Asphalt Plant	2.6E-05	0.03%
26-1815	Owens-Corning Corporation	2.2E-05	0.02%
26-2332	Crown Cork & Seal Company (USA), Inc.	2.1E-05	0.02%
26-2492	Northwest Pipe Company	1.9E-05	0.02%
34-2060	Masterbrand Cabinets, Inc.	1.8E-05	0.02%

03-2634	JOHNSON CONTROLS BATTERY GROUP INC.	1.6E-05	0.02%
26-0012	Intelicoat Technologies, LLC	1.5E-05	0.02%
26-2952	Franz Bakery	1.3E-05	0.01%
26-0103	Journal Graphics	1.1E-05	0.01%
03-0041	McClure Industries, Inc.	7.2E-06	0.01%
26-2029	Shore Terminals LLC	5.5E-06	0.01%
03-2729	Northwest Pipeline Corporation	5.0E-06	0.01%
34-2066	Stimson Lumber Company	2.0E-06	0.002%
03-2777	Miles Fiberglass & Plastics, Inc.	1.2E-06	0.001%
03-2778	Miles Fiberglass & Plastics, Inc.	1.1E-06	0.001%
34-2681	Intel Corporation	8.8E-07	0.001%
26-0157	Ring Industrial/EZ Flow	8.5E-07	0.001%
26-2944	Gunderson, Inc.	4.2E-07	0.0004%
	<b>Total</b>	<b>0.0982</b>	

**Chrome VI Estimates: tpy**

Permit_No	Facility_Name	Total	Percent_Of_Permitted_Point
3-2624	Oregon Cutting Systems Division	0.00225	30.12%
26-0051	Precision Equipment Inc	0.00165	22.14%
26-2204	Boeing Company (The)	0.00119	15.96%
3-0013	Surgichrome Inc	0.00065	8.72%
3-0026	Carlton Company Inc	0.00065	8.65%
03-2145	West Linn Paper Company	0.00037	4.92%
26-2197	Freightliner LLC (Daimler Trucks North America, LLC)	0.00034	4.53%
1168	Christensen Shipyards, Ltd.	0.00015	2.01%
03-1850	Blue Heron Paper Company	0.00015	2.00%
26-2557	Blasen Blasen Lumber	0.00003	0.44%
26-3224	Vigor Industrial, LLC	0.00002	0.28%
36-6142	SP Newsprint Co.	0.00001	0.09%
26-0018	East Side Plating Inc, Plant #5	3.4E-06	0.05%
26-3036	East Side Plating Inc, Plant #2	3.4E-06	0.05%
3-0027	Technical Finishes Coatings	1.9E-06	0.03%
34-2066	Stimson Lumber Company	1.7E-06	0.02%
26-0064	Oregon Plating	1.3E-07	0.002%
3-0033	Star Bright Chrome Plating	1.7E-08	0.0002%
26-0057	Leininger Polishing & Plating Corp	2.4E-09	0.00003%
	<b>Total</b>	<b>0.00745</b>	

**Lead Estimates: tpy**

Permit_No	Facility_Name	Total	Percent_Of_Permitted_Point
26-1876	Owens-Brockway Glass Container Inc.	0.1264	21.42%
36-6142	SP Newsprint Co.	0.1185	20.09%
26-3035	IMACC Corporation	0.1053	17.85%
26-1865	Oregon Steel Mills, Inc.	0.0851	14.42%
26-2068	ESCO Corporation	0.0799	13.54%
03-2634	JOHNSON CONTROLS BATTERY GROUP INC.	0.0300	5.08%
26-1894	Malarkey Roofing Company	0.0165	2.80%
26-1891	Ash Grove Cement Company	0.0114	1.94%
26-1815	Owens-Corning Corporation	0.0048	0.81%
03-1850	Blue Heron Paper Company	0.0035	0.60%
26-2435	Cardinal Aluminum	0.0027	0.46%
26-2204	Boeing Company (The)	0.0017	0.29%
03-2145	West Linn Paper Company	0.0016	0.27%
26-2952	Franz Bakery	0.0010	0.17%
26-2557	Blasen Blasen Lumber	0.0004	0.08%
26-3240	Microchip Technology, Inc.	0.0002	0.04%
26-3224	Vigor Industrial, LLC	0.0001	0.02%
26-2050	Oregon Health Sciences University	0.0001	0.02%
26-2025	Paramount Petroleum, Willbridge Refinery	0.0001	0.02%
26-2572	Container Management Services, LLC	0.0001	0.01%
26-2197	Freightliner LLC (Daimler Trucks North America, LLC)	4.7E-05	0.01%
26-3067	Owens-Corning Roofing and Asphalt LLC	4.6E-05	0.01%
26-2968	Kraft Foods Global, Inc.	4.3E-05	0.01%
26-3002	Wacker/Siltronics	4.1E-05	0.01%
26-3009	Dynea Overlays, Inc.	3.1E-05	0.01%
26-3242	Lakeside Industries, Front Ave. Facility	2.5E-05	0.004%
34-2066	Stimson Lumber Company	2.3E-05	0.004%
34-2638	Tektronix, Inc.	2.3E-05	0.004%
34-2783	Bimbo Bakeries	2.3E-05	0.004%
26-2777	Graphic Packaging International, Inc.	2.0E-05	0.003%
26-2027	Chevron Products Company	1.5E-05	0.003%
26-1814	Hercules Incorporated	1.3E-05	0.002%
03-0004	Fred Meyer, Inc.	1.3E-05	0.002%
26-3305	Lakeside Industries, 100th Ave & Foster Road Asphalt Plant	1.2E-05	0.002%
26-1885	GALVANIZERS CO	1.1E-05	0.002%

34-0005	VALMONT COATINGS - PACIFIC STATES GALVANIZING	9.8E-06	0.002%
26-2332	Crown Cork & Seal Company (USA), Inc.	9.7E-06	0.002%
34-2681	Intel Corporation	9.4E-06	0.002%
26-2492	Northwest Pipe Company	8.7E-06	0.001%
34-2060	Masterbrand Cabinets, Inc.	8.1E-06	0.001%
26-0012	Intelicoat Technologies, LLC	6.7E-06	0.001%
26-0103	Journal Graphics	5.0E-06	0.001%
03-0041	McClure Industries, Inc.	3.3E-06	0.001%
26-2029	Shore Terminals LLC	2.5E-06	0.0004%
03-2729	Northwest Pipeline Corporation	2.3E-06	0.0004%
03-2777	Miles Fiberglass & Plastics, Inc.	5.3E-07	0.0001%
03-2778	Miles Fiberglass & Plastics, Inc.	5.2E-07	0.0001%
26-0157	Ring Industrial/EZ Flow	3.8E-07	0.0001%
26-2944	Gunderson, Inc.	1.9E-07	0.00003%
	<b>Total</b>	<b>0.5902</b>	

**Manganese Estimates: tpy**

Permit_No	Facility_Name	Total	Percent_Of_Permitted_Point
26-1869	COLUMBIA STEEL CASTING CO INC	0.934	41.78%
26-2068	ESCO Corporation	0.391	17.47%
03-2761	Gem Top Mfg.	0.343	15.32%
98666VNCVR1200W	VANCOUVER IRON & STEEL INC	0.125	5.59%
26-2197	Freightliner LLC (Daimler Trucks North America, LLC)	0.108	4.81%
26-1891	Ash Grove Cement Company	0.071	3.17%
03-1850	Blue Heron Paper Company	0.068	3.06%
26-3038	CASCADE CORP	0.051	2.28%
26-1815	Owens-Corning Corporation	0.040	1.78%
0954	Thompson Metal Fab, Inc.	0.039	1.75%
26-2557	Blasen Blasen Lumber	0.015	0.67%
26-1894	Malarkey Roofing Company	0.013	0.56%
0380	DeWils Industries, Inc.	0.008	0.36%
1401	Wastequip Washington	0.007	0.33%
2285	Wellons, Inc.	0.005	0.23%
36-6142	SP Newsprint Co.	0.003	0.13%
03-2145	West Linn Paper Company	0.003	0.12%
0321	Columbia Machine, Inc.	0.003	0.11%
26-0054	CAMROSE PIPE CORP DBA C OLUMBIA STRUCTURAL TUBING	0.003	0.11%
26-2204	Boeing Company (The)	0.002	0.11%
26-2435	Cardinal Aluminum	0.002	0.09%
26-1876	Owens-Brockway Glass Container Inc.	0.001	0.06%
34-2066	Stimson Lumber Company	0.001	0.03%
26-1865	Oregon Steel Mills, Inc.	3.9E-04	0.02%
26-3224	Vigor Industrial, LLC	2.5E-04	0.01%
26-3240	Microchip Technology, Inc.	1.6E-04	0.01%
1168	Christensen Shipyards, Ltd.	1.5E-04	0.01%
26-2050	Oregon Health Sciences University	9.3E-05	0.004%
26-2025	Paramount Petroleum, Willbridge Refinery	7.7E-05	0.003%
26-2572	Container Management Services, LLC	4.2E-05	0.002%
26-3067	Owens-Corning Roofing and Asphalt LLC	3.5E-05	0.002%
26-2968	Kraft Foods Global, Inc.	3.3E-05	0.001%
26-3002	Wacker/Siltronics	3.1E-05	0.001%
26-3009	Dynea Overlays, Inc.	2.3E-05	0.001%
26-3242	Lakeside Industries, Front Ave. Facility	1.9E-05	0.001%

34-2783	Bimbo Bakeries	1.7E-05	0.001%
34-2638	Tektronix, Inc.	1.7E-05	0.001%
26-2777	Graphic Packaging International, Inc.	1.5E-05	0.001%
26-2027	Chevron Products Company	1.1E-05	0.001%
26-1814	Hercules Incorporated	1.0E-05	0.0005%
03-0004	Fred Meyer, Inc.	1.0E-05	0.0004%
26-3305	Lakeside Industries, 100th Ave & Foster Road Asphalt Plant	9.0E-06	0.0004%
26-1885	GALVANIZERS CO	8.3E-06	0.0004%
34-0005	VALMONT COATINGS - PACIFIC STATES GALVANIZING	7.4E-06	0.0003%
26-2332	Crown Cork & Seal Company (USA), Inc.	7.4E-06	0.0003%
26-2492	Northwest Pipe Company	6.6E-06	0.0003%
34-2060	Masterbrand Cabinets, Inc.	6.2E-06	0.0003%
03-2634	JOHNSON CONTROLS BATTERY GROUP INC.	5.6E-06	0.0003%
26-2952	Franz Bakery	5.6E-06	0.0003%
26-0012	Intelicoat Technologies, LLC	5.1E-06	0.0002%
26-0103	Journal Graphics	3.8E-06	0.0002%
03-0041	McClure Industries, Inc.	2.5E-06	0.0001%
26-2029	Shore Terminals LLC	1.9E-06	0.0001%
03-2729	Northwest Pipeline Corporation	1.7E-06	0.0001%
03-2777	Miles Fiberglass & Plastics, Inc.	4.0E-07	0.00002%
03-2778	Miles Fiberglass & Plastics, Inc.	3.9E-07	0.00002%
34-2681	Intel Corporation	3.1E-07	0.00001%
26-0157	Ring Industrial/EZ Flow	2.9E-07	0.00001%
26-2944	Gunderson, Inc.	1.5E-07	0.00001%
	<b>Total</b>	<b>2.235</b>	

**Nickel Estimates: tpy**

Permit_No	Facility_Name	Total	Percent_Of_Permitted_Point
26-1867	PCC STRUCTURALS INC. LARGE PARTS CAMPUS	0.910	40.23%
03-0020	PCC STRUCTURALS INC. DEER CREEK ANNEX	0.500	22.11%
03-2674	PCC STRUCTURALS INC SMALL STRUCTURALS BUSINESS OPERATION	0.490	21.66%
03-2761	Gem Top Mfg.	0.078	3.43%
26-1894	Malarkey Roofing Company	0.069	3.07%
03-2145	West Linn Paper Company	0.064	2.85%
26-1869	COLUMBIA STEEL CASTING CO INC	0.060	2.65%
26-2068	ESCO Corporation	0.041	1.81%
26-1891	Ash Grove Cement Company	0.011	0.51%
26-2435	Cardinal Aluminum	0.011	0.50%
26-3224	Vigor Industrial, LLC	0.007	0.31%
0321	Columbia Machine, Inc.	0.005	0.24%
03-1850	Blue Heron Paper Company	0.003	0.13%
26-1865	Oregon Steel Mills, Inc.	0.002	0.10%
26-1876	Owens-Brockway Glass Container Inc.	0.002	0.08%
26-2204	Boeing Company (The)	0.002	0.07%
26-3240	Microchip Technology, Inc.	0.001	0.04%
26-2197	Freightliner LLC (Daimler Trucks North America, LLC)	0.001	0.02%
26-2050	Oregon Health Sciences University	0.001	0.02%
36-6142	SP Newsprint Co.	4.9E-04	0.02%
26-2025	Paramount Petroleum, Willbridge Refinery	4.3E-04	0.02%
0954	Thompson Metal Fab, Inc.	4.0E-04	0.02%
26-2557	Blasen Blasen Lumber	3.1E-04	0.01%
26-2572	Container Management Services, LLC	2.3E-04	0.01%
26-3067	Owens-Corning Roofing and Asphalt LLC	1.9E-04	0.01%
26-2968	Kraft Foods Global, Inc.	1.8E-04	0.01%
26-3002	Wacker/Siltronics	1.7E-04	0.01%
26-3009	Dynea Overlays, Inc.	1.3E-04	0.01%
26-3242	Lakeside Industries, Front Ave. Facility	1.0E-04	0.005%
34-2783	Bimbo Bakeries	9.5E-05	0.004%
34-2638	Tektronix, Inc.	8.6E-05	0.004%
26-2777	Graphic Packaging International, Inc.	8.5E-05	0.004%
26-2027	Chevron Products Company	6.3E-05	0.003%
26-1814	Hercules Incorporated	5.6E-05	0.002%
98660GLCRN2327W	GLACIER NORTHWEST INC WEST BATCH PLANT	5.6E-05	0.002%

03-0004	Fred Meyer, Inc.	5.5E-05	0.002%
98684GLCRN18606	GLACIER NORTHWEST INC EAST VANCOUVER READY-MIX PLANT	5.4E-05	0.002%
26-3305	Lakeside Industries, 100th Ave & Foster Road Asphalt Plant	5.0E-05	0.002%
26-1885	GALVANIZERS CO	4.6E-05	0.002%
26-1815	Owens-Corning Corporation	4.1E-05	0.002%
34-0005	VALMONT COATINGS - PACIFIC STATES GALVANIZING	4.1E-05	0.002%
26-2332	Crown Cork & Seal Company (USA), Inc.	4.1E-05	0.002%
26-2492	Northwest Pipe Company	3.7E-05	0.002%
34-2060	Masterbrand Cabinets, Inc.	3.4E-05	0.002%
03-2634	JOHNSON CONTROLS BATTERY GROUP INC.	3.1E-05	0.001%
26-2952	Franz Bakery	3.0E-05	0.001%
26-0012	Intelicoat Technologies, LLC	2.8E-05	0.001%
2285	Wellons, Inc.	2.8E-05	0.001%
26-0103	Journal Graphics	2.1E-05	0.001%
34-2066	Stimson Lumber Company	1.6E-05	0.001%
1401	Wastequip Washington	1.5E-05	0.001%
03-0041	McClure Industries, Inc.	1.4E-05	0.001%
26-2029	Shore Terminals LLC	1.1E-05	0.0005%
03-2729	Northwest Pipeline Corporation	9.5E-06	0.0004%
03-2777	Miles Fiberglass & Plastics, Inc.	2.2E-06	0.0001%
03-2778	Miles Fiberglass & Plastics, Inc.	2.2E-06	0.0001%
34-2681	Intel Corporation	1.7E-06	0.0001%
26-0157	Ring Industrial/EZ Flow	1.6E-06	0.0001%
1909	Clark Public Utilities / River Road Generating Project	1.1E-06	0.00005%
26-2944	Gunderson, Inc.	8.0E-07	0.00004%
	<b>Total</b>	<b>2.262</b>	

**15-PAH Estimates: tpy**

Permit_No	Facility_Name	Total	Percent_Of_Permitted_Point
1909	Clark Public Utilities / River Road Generating Project	6.00E-03	56.14%
26-1894	Malarkey Roofing Company	1.57E-03	14.70%
26-2043	GS ROOFING PRODUCTS CO INC PORTLAND PLANT	1.00E-03	9.36%
03-1850	Blue Heron Paper Company	8.51E-04	7.97%
03-2729	Northwest Pipeline Corporation	2.87E-04	2.68%
26-2435	Cardinal Aluminum	2.55E-04	2.39%
26-2952	Franz Bakery	2.05E-04	1.92%
26-2557	Blasen Blasen Lumber	1.90E-04	1.78%
03-2145	West Linn Paper Company	9.75E-05	0.91%
26-1865	Oregon Steel Mills, Inc.	5.37E-05	0.50%
36-6142	SP Newsprint Co.	3.92E-05	0.37%
26-3240	Microchip Technology, Inc.	2.08E-05	0.19%
26-1876	Owens-Brockway Glass Container Inc.	1.75E-05	0.16%
26-2050	Oregon Health Sciences University	1.33E-05	0.12%
26-2025	Paramount Petroleum, Willbridge Refinery	1.10E-05	0.10%
34-2066	Stimson Lumber Company	8.84E-06	0.08%
26-3224	Vigor Industrial, LLC	5.75E-06	0.05%
26-3002	Wacker/Siltronics	5.67E-06	0.05%
26-2068	ESCO Corporation	5.50E-06	0.05%
26-2572	Container Management Services, LLC	5.27E-06	0.05%
26-3067	Owens-Corning Roofing and Asphalt LLC	5.14E-06	0.05%
26-2197	Freightliner LLC (Daimler Trucks North America, LLC)	5.07E-06	0.05%
26-2968	Kraft Foods Global, Inc.	4.08E-06	0.04%
34-2638	Tektronix, Inc.	3.88E-06	0.04%
26-3009	Dynea Overlays, Inc.	3.24E-06	0.03%
26-3242	Lakeside Industries, Front Ave. Facility	2.67E-06	0.02%
26-2777	Graphic Packaging International, Inc.	2.15E-06	0.02%
34-2783	Bimbo Bakeries	2.14E-06	0.02%
26-2027	Chevron Products Company	1.99E-06	0.02%
26-1814	Hercules Incorporated	1.33E-06	0.01%
26-3305	Lakeside Industries, 100th Ave & Foster Road Asphalt Plant	1.27E-06	0.01%
03-0004	Fred Meyer, Inc.	1.25E-06	0.01%
26-1885	GALVANIZERS CO	1.17E-06	0.01%
34-2060	Masterbrand Cabinets, Inc.	1.06E-06	0.01%
34-0005	VALMONT COATINGS - PACIFIC STATES GALVANIZING	1.05E-06	0.01%

26-2332	Crown Cork & Seal Company (USA), Inc.	1.03E-06	0.01%
26-1815	Owens-Corning Corporation	9.43E-07	0.01%
26-2492	Northwest Pipe Company	9.08E-07	0.01%
03-2634	JOHNSON CONTROLS BATTERY GROUP INC.	7.95E-07	0.01%
26-0012	Intelicoat Technologies, LLC	7.17E-07	0.01%
26-0103	Journal Graphics	5.36E-07	0.01%
03-0041	McClure Industries, Inc.	3.48E-07	0.003%
26-2029	Shore Terminals LLC	3.41E-07	0.003%
03-2777	Miles Fiberglass & Plastics, Inc.	5.65E-08	0.001%
03-2778	Miles Fiberglass & Plastics, Inc.	5.53E-08	0.001%
26-0157	Ring Industrial/EZ Flow	4.12E-08	0.0004%
34-2681	Intel Corporation	3.82E-08	0.0004%
26-2944	Gunderson, Inc.	2.03E-08	0.0002%
26-1891	Ash Grove Cement Company	5.61E-10	0.00001%
	<b>Total</b>	<b>0.0107</b>	