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Subject: MACT Floors, Data Variability Analysis, and Emission Limits for Existing and New HMIWI
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I. Background

Sections 111 and 129 of the Clean Air Act (CAA), as amended November 1990, require the U.S. Environmental Protection Agency (EPA) to develop new source performance standards (NSPS) and emission guidelines limiting emissions of nine air pollutants and opacity from hospital/medical/infectious waste incinerators (HMIWI). The nine air pollutants are hydrogen chloride (HCl), carbon monoxide (CO), lead (Pb), cadmium (Cd), mercury (Hg), particulate matter (PM), dioxins/furans (CDD/CDF), nitrogen oxides (NO_x), and sulfur dioxide (SO₂).

The NSPS and emission guidelines are based on maximum achievable control technology (MACT). Consequently, as stated in section 129, the emissions standards for new HMIWI subject to the NSPS must be no less stringent than the average emissions limitation achieved in practice by the best-controlled similar unit in the category, and the emissions standards for existing HMIWI subject to the emission guidelines must be no less stringent than the average emissions limitation achieved in practice by the best-performing 12 percent of units in the category. Regulations for the HMIWI category were promulgated on September 15, 1997.

In a decision issued March 2, 1999, the U.S. Court of Appeals for the D.C. Circuit remanded the standards to EPA for a better explanation of how the new and existing source MACT floors were derived from the information in the administrative record.¹ On February 6, 2007, we published a proposal that responded to the questions raised in the Court's remand. However, recent Court decisions that impact that proposal, as well as issues raised in the public comments regarding the proposal, necessitate a re-proposal of responses to the questions raised in the Court's remand and a re-development of the HMIWI regulation.

Consequently, we are re-determining the MACT floors for all nine of the air pollutants listed above, as well as opacity. MACT floors were re-determined using data obtained over the last several years (initial and annual performance tests) for currently operating HMIWI. For each HMIWI, the data from these tests were averaged to develop a single emission value per pollutant.

These emission values were then ranked, MACT floor averages were calculated, and data variability analyses were conducted, where possible. MACT floor emission limits were then determined based on the results of these analyses. The purpose of this memorandum is to discuss the methodology and results of our MACT floor re-determinations, data variability analyses, and emission limit selection for existing and new HMIWI for the nine regulated pollutants and opacity.

II. Pollutant Limits-Existing Sources

A. MACT Floors

In our MACT floor approach for the 1997 HMIWI standards, we compensated for the limited amount of HMIWI emissions data by using a database of HMIWI emissions limitations (e.g., permit limits, State emission limits) to establish the MACT floors for existing sources. In those cases where the number of HMIWI with emission limitations was less than 12 percent of the population, emission limitations for additional uncontrolled units were included. In its remand decision regarding existing sources, the Court expressed concern about how EPA knew sources in the top 12 percent with permit data were not substantially overachieving their permit limits; the court also questioned how EPA knew that sources in the top 12 percent without permit data were uncontrolled.¹

After reviewing the record and subsequent Court decisions, we have determined that the more recent emissions data for HMIWI currently in operation would be used to re-establish the MACT floors for existing sources. Since the HMIWI regulations have been implemented, HMIWI have conducted both initial and annual performance tests. As a result, there are sufficient emissions data to re-establish MACT floors for existing sources.

There are 57 HMIWI currently in operation in the U.S.—52 existing HMIWI subject to the 1997 emission guidelines, and 5 HMIWI subject to the 1997 NSPS. Performance test data have been obtained for all 57 of these units and compiled into a test data database.² This database was used to develop the MACT floors. We calculated a single emission value for each unit and each pollutant by determining the mean of the test averages for the specific unit and pollutant.

MACT floors were developed for all nine pollutants covered under section 129, as well as opacity. More emissions data were available for some pollutants compared to others in developing the MACT floors. Under the 1997 HMIWI regulation, large, medium, and small non-rural units are required to conduct initial and annual testing of PM, HCl, CO, and opacity. (Some units have met requirements in the regulation for “skipping” testing every 3 years.) These units are also required to conduct initial, but not annual, testing for Pb, Cd, Hg, and CDD/CDF. No testing for NO_x and SO₂ is required for these units. Small rural units are required to conduct initial and annual testing of opacity and conduct initial, but not annual, testing for PM, CO, Hg, and CDD/CDF. No testing for Pb, Cd, HCl, NO_x, and SO₂ is required for these small rural units.

In the MACT floor approach for the current HMIWI standards, we developed the standard for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxic equivalents (TEQ) based on the TEQ performance level associated with the MACT floor control technology determined for total CDD/CDF. For this MACT floor re-development, separate MACT floors were developed for TEQ and total CDD/CDF.

The 1997 standards included percent reduction limits for HCl, Pb, Cd, and Hg. For those pollutants, sources have had the option of demonstrating compliance by meeting the emission limits or the percent reduction limits. For the 1997 rule, percent reduction limits were developed using the pollutant concentrations at the inlet and outlet of a control device and reflected only the efficiency of the control device in reducing specific pollutants. Because factors other than control technology affect pollutant emissions from HMIWI, and because we did not take these factors into account when we set the 1997 standards based on percent reduction, we now believe it is inappropriate to provide percent reduction limits for the re-developed regulation based only on control technology performance. Therefore, we are not proposing revised percent reduction limits for the re-developed regulation, and are instead proposing eliminating the continued use of the 1997 percent reduction limits after the compliance date of the re-developed regulation.

In developing the MACT floors for existing sources, we included the 52 HMIWI subject to the 1997 emission guidelines and the 5 HMIWI subject to the 1997 NSPS. We did not include in the MACT floor calculations any of those units that have shut down since the 1997 regulation.

The following two MACT floor options were developed:

- Option 1A: Pollutant-by-pollutant basis; no subcategorization
- Option 1B: Pollutant-by-pollutant basis; with subcategorization

MACT floors under Option 1A were developed for all 57 currently operating HMIWI in the inventory. MACT floors under Option 1B were developed separately for each of the subcategories created under the 1997 HMIWI standards. Those subcategories were based on waste charging capacity (i.e., size)—large, medium, and small HMIWI. Large HMIWI were defined as units with waste charging capacities greater than 500 pounds per hour (lb/hr). Medium HMIWI were defined as units with waste charging capacities greater than 200 lb/hr and less than or equal to 500 lb/hr. Small HMIWI were defined as units with waste charging capacities less than or equal to 200 lb/hr. For the purposes of this MACT floor re-development, small HMIWI were further subcategorized as “small non-rural HMIWI” and “small rural HMIWI.” Consistent with the 1997 HMIWI regulation, “small rural HMIWI” are defined as small HMIWI located at least 50 miles from the nearest Metropolitan Statistical Area (MSA) boundary. Small non-rural HMIWI comprise the remaining small HMIWI. Separate MACT floors were developed for the small rural HMIWI and small non-rural HMIWI.

According to the database, there are 36 large, 17 medium, 2 small non-rural, and 2 small rural HMIWI. The top 12 percent of sources in those subcategories are calculated to be 4.32 large, 2.04 medium, 0.24 small non-rural, and 0.24 small rural HMIWI. We determined that these values should be rounded up to 5 large, 3 medium, 1 small non-rural, and 1 small rural HMIWI to estimate the number of MACT floor units in each category. This rounding approach is consistent with the approach used by statisticians in survey sampling.³

Looked at another way, section 129 refers to the “average emissions limitation achieved in practice by the best-performing 12 percent of units in the category” (emphasis added). If the number of units determined to be in the MACT floor is not rounded up from these calculated values (i.e., four large, two medium, and zero small rural and non-rural HMIWI are used to establish the MACT floor), then the MACT floors for these categories would not meet the best-

performing 12 percent criteria, because they would be based on less than 12 percent of the sources. Four large HMIWI would account for only 11.1 percent; two medium HMIWI would account for 11.8 percent; and zero small HMIWI (rural, non-rural) would account for 0 percent.

MACT floors under Options 1A and 1B were developed as follows for each pollutant:

- We ranked the emissions data for each unit from lowest to highest; we conducted ranking for all units under Option 1A and for each subcategory under Option 1B.
- We averaged the emissions data for the best-performing 12 percent of units in each subcategory (based on individual ranking for each pollutant) to determine the MACT floor emissions level.

A summary of the MACT floor results is presented in Table 1 below, and the MACT floor ranking tables are presented in Appendices A and C at the end of this memorandum. Note: Those units in the ranking tables determined to be MACT floor units are presented in bold text at the top of the tables.

B. Data Variability

For existing sources, three options were considered for addressing test data variability. The data variability options are discussed in the following paragraphs.

Under the first option, we determined (for each pollutant) the highest test run for each HMIWI in the best-performing 12 percent of sources and took the average of those runs.

Under the second option, we determined (for each pollutant) the single highest test run for those HMIWI in the best-performing 6 percent of sources.

Under the third option, we calculated (for each pollutant) the 99.9 percent upper confidence limit (UCL) of the test runs for those HMIWI in the best-performing 12 percent. A “test run” is defined in 40 CFR part 60 as the “net period of time during which an emission sample is collected,” e.g., a PM emission sample collected during a PM compliance test. Most compliance tests include three test runs, although some tests conducted using continuous emissions monitors (e.g., CO, NO_x, SO₂) include more. The UCL calculations included only those test runs from compliance tests considered representative of the typical operation of the HMIWI. The following Microsoft Excel equation provides an example of how 99.9 percent UCL values were calculated under this option:

$$99.9\% \text{ UCL} = \text{AVERAGE}(\text{Test Runs in Top 12\%}) + (\text{STDEV}(\text{Test Runs in Top 12\%}) \times \text{NORMSINV}(0.999))$$

In order for UCL values to be calculated, a data set must contain more than one value. In some cases, no compliance data were available for a particular pollutant for MACT floor units in a particular size category. For example, sources are not required to test for NO_x, and SO₂ under the 1997 HMIWI regulation. In those cases, data variability analyses also could not be conducted.

The results of the data variability analyses are summarized in Tables 2 through 6 below. The data used in the analyses are presented in Appendices A through D at the end of this memorandum.

C. Emission Limits

MACT floor emission limits were determined based on the 99.9 percent UCL values estimated under the third data variability option (using test run data) for MACT Floor Option 1B (with subcategorization). These emission limits are summarized in Table 7 below.

The emission limits were determined by rounding up the UCL values to two significant figures. For example, for large HMIWI, the MACT floor emission limit for total CDD/CDF was determined by rounding up the 99.9 percent UCL value for total CDD/CDF (1.54 ng/dscm) to 1.6 ng/dscm. (Note: If the UCL values were rounded down, then the possibility exists that the best-performing units that comprise the MACT floor may not be able to achieve the emission limit on an ongoing basis.)

In a couple of cases (NO_x and SO₂ limits for small non-rural HMIWI), there were insufficient data to determine an emission limit based on the data for that subcategory alone. In those cases, the corresponding 99.9 percent UCL values for a similar subcategory (i.e., medium HMIWI) were used to determine the emission limit. We have highlighted those cases in the emission limit summary table (Table 7).

III. Pollutant Limits-New Sources

A. MACT Floors

As noted previously, more recent emissions data for the HMIWI currently in operation are being used to re-establish the MACT floors. The MACT floors for new sources were determined based on the emissions level achieved by the best-controlled similar unit. New sources are being defined as those installed since the current (2008) re-proposal, consistent with how they were defined in the 1997 regulation, which defined new sources as those installed since the 1996 proposal.

As with existing sources, MACT floors for new sources were developed for all nine of the pollutants covered under section 129, plus opacity, and separate MACT floors were developed for TEQ and total CDD/CDF. In developing the MACT floors for new sources, we included the 52 HMIWI subject to the 1997 emission guidelines and the 5 HMIWI subject to the 1997 NSPS. We did not include in the MACT floor calculations any of those units that have shut down since the 1997 regulation.

The same two MACT floor options (Options 1A and 1B) were developed to determine the MACT floors for new sources. Because there is not a small rural HMIWI subcategory for new HMIWI, test data for the small rural HMIWI were not included in the ranking of best-controlled small units under Option 1B. The same MACT floor ranking tables used in determining existing source MACT floors (Appendices A and D) were also used to determine the best-controlled similar unit. (See the number one ranked unit in each ranking table for the best-controlled similar unit.) A summary of the new source MACT floor results was also prepared (see Table 8).

B. Data Variability

For new sources, we considered two options for addressing test data variability. The data variability options are discussed in the following paragraphs.

Under the first option, we determined (for each pollutant) the single highest test run for the best-controlled similar unit.

Under the second option, we calculated (for each pollutant) the 99.9 percent UCL of the test runs for the best-controlled similar unit. The following Microsoft Excel equations provide an example of how the 99.9 percent UCL values were calculated under this option:

$$99.9\% \text{ UCL} = \text{AVERAGE}(\text{Test Runs for Best Performer}) + (\text{STDEV}(\text{Test Runs for Best Performer}) \times \text{NORMSINV}(0.999))$$

As noted previously, in order for UCL values to be calculated, a data set must contain more than one value. For NO_x and SO₂, no tests are required under the 1997 HMIWI regulation, and no compliance data were available for those pollutants for small HMIWI. As a result, data variability analyses could not be conducted in those cases.

The results of the data variability analyses are presented in Tables 9 through 12 below. The data used in the analyses are presented in Appendices A through D at the end of this memorandum.

C. Emission Limits

MACT floor emission limits were determined based on the 99.9 percent UCL values estimated under the second data variability option for MACT Floor Option 1B (with subcategorization). These emission limits are summarized in Table 13 below.

The emission limits were determined by rounding up the UCL values to two significant figures. For example, for large HMIWI, the MACT floor emission limit for PM was determined by rounding up the 99.9 percent UCL value for PM (0.00471 grain per dry standard cubic foot [gr/dscf]) to 0.0048 gr/dscf. (Note: If the UCL values were rounded down, then the possibility exists that the best-performing unit that comprises the MACT floor may not be able to achieve the emission limit on an ongoing basis.)

In a couple of cases (NO_x and SO₂ limits for small HMIWI), there were insufficient data to determine an emission limit based on the data for that subcategory alone. In those cases, the corresponding 99.9 percent UCL values for a similar subcategory (i.e., medium HMIWI) were used to determine the emission limit. We have highlighted those cases in the emission limit summary table (Table 13).

In a couple of other cases (Cd and TEQ limits for medium HMIWI), the MACT floor emission limits for new HMIWI would be higher than the corresponding limits for existing HMIWI. This unusual situation occurred due to a difference in the size of the datasets used to determine the UCL values for existing and new medium HMIWI. The dataset for the best

performer (used to determine the MACT floor for new sources) is smaller than the dataset for the best-performing 12 percent of sources (used to determine the MACT floor for existing sources) and has a higher standard deviation. Since the UCL calculation depends on both the average and standard deviation, the higher standard deviation resulted in the UCL value for the best performer being higher. In these two cases, we decided to use existing source limits for new sources where they are lower than new source limits, and highlighted them in the emission limit summary table (Table 13).

IV. Opacity Limits

In addition to the nine regulated pollutants, we are also proposing a revised opacity standard for new and existing HMIWI. The opacity data that we have is in terms of averages rather than single opacity readings.² Based on these averages alone, without any accounting for variability, the MACT floor for new units, as well as existing units, would be 0 percent. We then considered how to appropriately account for variability given the differences in opacity testing versus testing for the nine regulated pollutants. We have continuous opacity monitoring system (COMS) data for an HMIWI that is in the best-performing 12 percent for PM for existing medium units.² In that instance, we can determine the single highest opacity reading. Because the level of opacity can be impacted by the amount, type, and particle characteristics of PM in the gas stream, as well as process operation, we believe that using the highest opacity reading from one of the best-performing HMIWI with respect to PM is an appropriate method for determining the opacity level that has been achieved under variable conditions. The single highest COMS reading for the HMIWI that is in the best-performing 12 percent for PM is 1.1 percent. EPA commonly sets opacity standards based on whole numbers, and rounding down would cause the unit upon which the standard is based to have demonstrated performance at a level that would not meet the standard. Thus, we rounded up and are proposing a MACT-floor based opacity limit of 2 percent for both new and existing HMIWI.

V. References

1. United States Court of Appeals for the District of Columbia Circuit. 1999. *Sierra Club and Natural Resources Defense Council, Petitioners v. United States Environmental Protection Agency and Carol M. Browner, Administrator, United States Environmental Protection Agency, Respondents*. Argued November 9, 1998. Decided March 2, 1999. No. 97-1686.
2. Memorandum from Thomas Holloway, RTI, to Mary Johnson, EPA. October 24, 2008. *Documentation of HMIWI Test Data Database*.
3. Cochran, William G. 1977. *Sampling Techniques*. Third Edition, John Wiley & Sons. Pages 72-87.

Table 1. Summary of Results for Existing Source MACT Floor Options

Parameters	HCl ppmvd	CO ppmvd	Pb mg/dscm	Cd mg/dscm	Hg mg/dscm	PM gr/dscf	CDD/CDF ng/dscm	TEQ ng/dscm	NO _x ppmvd	SO ₂ ppmvd	Opacity %
MACT Floor Option 1A (Pollutant-by-Pollutant; No Subcategorization)											
No. of sources	57	57	57	57	57	57	57	57	57	57	57
No. in MACT floor =	7	7	7	7	7	7	7	7	7	7	7
Avg of top 12% =	0.506	0.959	0.00319	0.000780	0.00139	0.00169	0.266	0.00455	65.7	0.752	0
MACT Floor Option 1B (Pollutant-by-Pollutant; By Size)											
Existing large HMIWI											
No. of sources	36	36	36	36	36	36	36	36	36	36	36
No. in MACT floor =	5	5	5	5	5	5	5	5	5	5	5
Avg of top 12% =	0.476	1.02	0.00290	0.000653	0.00182	0.00145	0.410	0.00786	72.6	0.938	0
Existing medium HMIWI											
No. of sources	17	17	17	17	17	17	17	17	17	17	17
No. in MACT floor =	3	3	3	3	3	3	3	3	3	3	3
Avg of top 12% =	0.633	1.01	0.00429	0.00129	0.00153	0.00343	0.159	0.00338	62.5	0.579	0
Existing small non-rural HMIWI											
No. of sources	2	2	2	2	2	2	2	2	2	2	2
No. in MACT floor =	1	1	1	1	1	1	1	1	1	1	1
Avg of top 12% =	1.03	2.27	0.0727	0.00256	0.00292	0.00760	2.89	0.00453	--	--	0
Existing small rural HMIWI											
No. of sources	2	2	2	2	2	2	2	2	2	2	2
No. in MACT floor =	1	1	1	1	1	1	1	1	1	1	1
Avg of top 12% =	135	5.41	0.226	0.0380	0.00158	0.0128	29.6	0.618	95.1	22.6	0

Table 2. Summary of Results for Existing Source MACT Floor Option 1A for All Existing HMIWI

Parameters	HCl ppmvd	CO ppmvd	Pb mg/dscm	Cd mg/dscm	Hg mg/dscm	PM gr/dscf	CDD/CDF ng/dscm	TEQ ng/dscm	NO _x ppmvd	SO ₂ ppmvd
No. of sources =	57	57	57	57	57	57	57	57	57	57
No. in MACT floor =	7	7	7	7	7	7	7	7	7	7
Avg of top 12%										
Mean =	0.506	0.959	0.00319	0.000780	0.00139	0.00169	0.266	0.00455	65.7	0.752
Median =	0.567	0.983	0.00397	0.000887	0.00128	0.00174	0.206	0.00424	72.4	0.819
Statistics										
Std dev of top 12% =	0.185	0.155	0.00178	0.000354	0.000580	0.000518	0.146	0.00177	23.0	0.328
Avg of highest runs in top 12% =	1.80	2.13	0.00938	0.00320	0.00335	0.00450	0.760	0.00994	86.6	2.46
No. in top 6% =	4	4	4	4	4	4	4	4	4	4
Highest run in top 6% ^a =	2.80	2.54	0.0127	0.00649	0.00980	0.00583	0.626	0.00892	145	5.70
99.9% UCL of top 12% (test runs) =	2.25	3.34	0.0142	0.00548	0.00649	0.00578	1.17	0.0158	144	2.70
Current standards										
Large HMIWI	100	40	1.2	0.16	0.55	0.015	125	2.3	250	55
Medium HMIWI						0.03				
Small non-rural HMIWI						0.05				
Small rural HMIWI	3,100		10	4	7.5	0.086	800	15		

Table 3. Summary of Results for Existing Source MACT Floor Option 1B for Existing Large HMIWI

Parameters	HCl ppmvd	CO ppmvd	Pb mg/dscm	Cd mg/dscm	Hg mg/dscm	PM gr/dscf	CDD/CDF ng/dscm	TEQ ng/dscm	NO _x ppmvd	SO ₂ ppmvd
No. of sources =	36	36	36	36	36	36	36	36	36	36
No. in MACT floor =	5	5	5	5	5	5	5	5	5	5
Avge of top 12%										
Mean =	0.476	1.02	0.00290	0.000653	0.00182	0.00145	0.410	0.00786	72.6	0.938
Median =	0.567	1.00	0.00335	0.000853	0.00164	0.00156	0.380	0.00807	72.4	1.116
Statistics										
Std dev of top 12% =	0.198	0.110	0.00211	0.000341	0.000935	0.000349	0.189	0.00334	5.37	0.300
Avge of highest runs in top 12% =	1.82	2.50	0.00740	0.00225	0.00441	0.00431	0.965	0.0178	99.0	2.84
No. in top 6% =	3	3	3	3	3	3	3	3	3	3
Highest run in top 6% ^a =	2.80	2.54	0.00762	0.00649	0.00220	0.00583	1.13	0.0201	145	5.70
99.9% UCL of top 12% (test runs) =	2.38	3.88	0.0130	0.00408	0.00943	0.00559	1.54	0.0282	135	2.71
Current standards	100	40	1.2	0.16	0.55	0.015	125	2.3	250	55

Table 4. Summary of Results for Existing Source MACT Floor Option 1B for Existing Medium HMIWI

Parameters	HCl ppmvd	CO ppmvd	Pb mg/dscm	Cd mg/dscm	Hg mg/dscm	PM gr/dscf	CDD/CDF ng/dscm	TEQ ng/dscm	NO _x ppmvd	SO ₂ ppmvd
No. of sources =	17	17	17	17	17	17	17	17	17	17
No. in MACT floor =	3	3	3	3	3	3	3	3	3	3
Avge of top 12%										
Mean =	0.633	1.01	0.00429	0.00129	0.00153	0.00343	0.159	0.00338	62.5	0.579
Median =	0.708	0.946	0.00406	0.00128	0.00124	0.00336	0.175	0.00300	84.7	0.469
Statistics										
Std dev of top 12% =	0.155	0.372	0.000482	0.000228	0.000871	0.000526	0.0559	0.000745	41.2	0.313
Avge of highest runs in top 12% =	2.33	2.05	0.0146	0.00434	0.00475	0.0104	0.404	0.00730	78.6	1.87
No. in top 6% =	2	2	2	2	2	2	2	2	2	2
Highest run in top 6% =	2.11	1.21	0.0219	0.00792	0.00980	0.00950	0.355	0.00888	120	1.00
99.9% UCL of top 12% (test runs) =	2.50	2.96	0.0163	0.00701	0.00782	0.0119	0.621	0.00970	193	2.79
Current standards	100	40	1.2	0.16	0.55	0.03	125	2.3	250	55

Table 5. Summary of Results for Existing Source MACT Floor Option 1B for Existing Small Non-Rural HMIWI

Parameters	HCl ppmvd	CO ppmvd	Pb mg/dscm	Cd mg/dscm	Hg mg/dscm	PM gr/dscf	CDD/CDF ng/dscm	TEQ ng/dscm	NO _x ppmvd	SO ₂ ppmvd
No. of sources =	2	2	2	2	2	2	2	2	--	--
No. in MACT floor =	1	1	1	1	1	1	1	1	--	--
Avge of top 12%										
Mean =	1.03	2.27	0.0727	0.00256	0.00292	0.00760	2.89	0.00453	--	--
Median =	1.03	2.27	0.0727	0.00256	0.00292	0.00760	2.89	0.00453	--	--
Statistics										
Std dev of top 12% =	--	--	--	--	--	--	--	--	--	--
Avge of highest runs in top 12% =	3.10	7.45	0.110	0.0113	0.00414	0.0109	4.50	0.00540	--	--
No. in top 6% =	1	1	1	1	1	1	1	1	--	--
Highest run in top 6% =	3.10	7.45	0.110	0.0113	0.00414	0.0109	4.50	0.00540	--	--
99.9% UCL of top 12% (test runs) =	4.47	8.18	0.174	0.0115	0.00742	0.0167	8.28	0.00792	--	--
Current standards	100	40	1.2	0.16	0.55	0.05	125	2.3	250	55

Table 6. Summary of Results for Existing Source MACT Floor Option 1B for Existing Small Rural HMIWI

Parameters	HCl ppmvd	CO ppmvd	Pb mg/dscm	Cd mg/dscm	Hg mg/dscm	PM gr/dscf	CDD/CDF ng/dscm	TEQ ng/dscm	NO _x ppmvd	SO ₂ ppmvd
No. of sources =	2	2	2	2	2	2	2	2	2	2
No. in MACT floor =	1	1	1	1	1	1	1	1	1	1
Avg of top 12%										
Mean =	135	5.41	0.226	0.0380	0.00158	0.0128	29.6	0.618	95.1	22.6
Median =	135	5.41	0.226	0.0380	0.00158	0.0128	29.6	0.618	95.1	22.6
Statistics										
Std dev of top 12% =	--	--	--	--	--	--	--	--	--	--
Avg of highest runs in top 12% =	241	7.21	0.265	0.0463	0.00269	0.0202	63.9	1.35	100	28.8
No. in top 6% =	1	1	1	1	1	1	1	1	1	1
Highest run in top 6% =	241	7.21	0.265	0.0463	0.00269	0.0202	63.9	1.35	100	28.8
99.9% UCL of top 12% (test runs) =	432	11.9	0.346	0.0671	0.00391	0.0294	122	2.59	110	42.7
Current standards	3,100	40	10	4	7.5	0.086	800	15	250	55

Table 7. Summary of Proposed Standards for Existing HMIWI

Size	Parameter	HCl ppmvd	CO ppmvd	Pb mg/dscm	Cd mg/dscm	Hg mg/dscm	PM gr/dscf	CDD/CDF ng/dscm	TEQ ng/dscm	NO _x ppmvd	SO ₂ ppmvd
Large	99.9% UCL of top 12%	2.38	3.88	0.0130	0.00408	0.00943	0.00559	1.54	0.0282	135	2.71
	Limit	2.4	3.9	0.013	0.0041	0.0095	0.0056	1.6	0.029	140	2.8
Medium	99.9% UCL of top 12%	2.50	2.96	0.0163	0.00701	0.00782	0.0119	0.621	0.00970	193	2.79
	Limit	2.5	3.0	0.017	0.0071	0.0079	0.012	0.63	0.0097	200	2.8
Small	99.9% UCL of top 12%	4.47	8.18	0.174	0.0115	0.00742	0.0167	8.28	0.00792	--	--
	Limit	4.5	8.2	0.18	0.012	0.0075	0.017	8.3	0.0080	200	2.8
Small rural	99.9% UCL of top 12%	432	11.9	0.346	0.0671	0.00391	0.0294	122	2.59	110	42.7
	Limit	440	12	0.35	0.068	0.0040	0.030	130	2.6	110	43

Key:

Blue Used medium unit values used where data missing for small units.

Table 8. Summary of Results for New Source MACT Floor Options

Parameters	HCl ppmvd	CO ppmvd	Pb mg/dscm	Cd mg/dscm	Hg mg/dscm	PM gr/dscf	CDD/CDF ng/dscm	TEQ ng/dscm	NO _x ppmvd	SO ₂ ppmvd	Opacity %
MACT Floor Option 1A (Pollutant-by-Pollutant; No Subcategorization)											
Top performer =	0.190	0.68	0.000296	0.000106	0.000695	0.00106	0.0973	0.00291	15.0	0.336	0
MACT Floor Option 1B (Pollutant-by-Pollutant; By Size)											
New large HMIWI											
Top performer =	0.190	0.871	0.000296	0.000106	0.000695	0.00106	0.152	0.00378	66.9	0.462	0
New medium HMIWI											
Top performer =	0.455	0.679	0.00397	0.00106	0.000836	0.00294	0.0973	0.00291	15.0	0.336	0
New small HMIWI											
Top performer =	1.03	2.27	0.0727	0.00256	0.00292	0.00760	2.89	0.00453	--	--	0

Table 9. Summary of Results for New Source MACT Floor Option 1A for All New HMIWI

Parameters	HCl ppmvd	CO ppmvd	Pb mg/dscm	Cd mg/dscm	Hg mg/dscm	PM gr/dscf	CDD/CDF ng/dscm	TEQ ng/dscm	NO _x ppmvd	SO ₂ ppmvd
Top performer =	0.190	0.679	0.000296	0.000106	0.000695	0.00106	0.0973	0.00291	15.0	0.336
Statistics										
Highest run =	0.551	1.21	0.000361	0.000109	0.000781	0.00414	0.355	0.00888	21.2	0.499
99.9% UCL of top performer (test runs) =	0.745	1.86	0.000470	0.000116	0.000925	0.00471	0.344	0.00972	37.8	0.773
Current standards										
Large HMIWI	15	40	0.07	0.04	0.55	0.015	25	0.6	250	55
Medium HMIWI										
Small HMIWI			1.2	0.16		0.03	125	2.3		

Table 10. Summary of Results for New Source MACT Floor Option 1B for New Large HMIWI

Parameters	HCl ppmvd	CO ppmvd	Pb mg/dscm	Cd mg/dscm	Hg mg/dscm	PM gr/dscf	CDD/CDF ng/dscm	TEQ ng/dscm	NO _x ppmvd	SO ₂ ppmvd
Top performer =	0.190	0.871	0.000296	0.000106	0.000695	0.00106	0.152	0.00378	66.9	0.462
Statistics										
Highest run =	0.551	2.54	0.000361	0.000109	0.000781	0.00414	0.431	0.00892	76.1	5.70
99.9% UCL of top performer (test runs) =	0.745	2.88	0.000470	0.000116	0.000925	0.00471	0.594	0.0135	101.0	1.82
Current standards	15	40	0.07	0.04	0.55	0.015	25	0.6	250	55

Table 11. Summary of Results for New Source MACT Floor Option 1B for New Medium HMIWI

Parameters	HCl ppmvd	CO ppmvd	Pb mg/dscm	Cd mg/dscm	Hg mg/dscm	PM gr/dscf	CDD/CDF ng/dscm	TEQ ng/dscm	NO _x ppmvd	SO ₂ ppmvd
Top performer =	0.455	0.679	0.00397	0.00106	0.000836	0.00294	0.0973	0.00291	15.0	0.336
Statistics										
Highest run =	1.35	1.21	0.0127	0.00792	0.00127	0.00600	0.355	0.00888	21.2	0.499
99.9% UCL of top performer (test runs) =	1.73	1.86	0.0154	0.00807	0.00200	0.00983	0.344	0.00972	37.8	0.773
Current standards	15	40	0.07	0.04	0.55	0.015	25	0.6	250	55

Table 12. Summary of Results for New Source MACT Floor Option 1B for New Small HMIWI

Parameters	HCl ppmvd	CO ppmvd	Pb mg/dscm	Cd mg/dscm	Hg mg/dscm	PM gr/dscf	CDD/CDF ng/dscm	TEQ ng/dscm	NO _x ppmvd	SO ₂ ppmvd
Top performer =	1.03	2.27	0.0727	0.00256	0.00292	0.00760	2.89	0.00453	--	--
Statistics										
Highest run =	3.10	7.45	0.110	0.0113	0.00414	0.0109	4.50	0.00540	--	--
99.9% UCL of top performer (test runs) =	4.47	8.18	0.174	0.01154	0.00742	0.0167	8.28	0.00792	--	--
Current standards	15	40	1.2	0.16	0.55	0.03	125	2.3	--	--

Table 13. Summary of Proposed Standards for New HMIWI

Size	Parameter	HCl ppmvd	CO ppmvd	Pb mg/dscm	Cd mg/dscm	Hg mg/dscm	PM gr/dscf	CDD/CDF ng/dscm	TEQ ng/dscm	NO _x ppmvd	SO ₂ ppmvd
Large	99.9% UCL of top performer	0.745	2.88	0.000470	0.000116	0.000925	0.00471	0.594	0.0135	101	1.82
	Limit	0.75	2.9	0.00047	0.00012	0.00093	0.0048	0.60	0.014	110	1.9
Medium	99.9% UCL of top performer	1.73	1.86	0.0154	0.00807	0.00200	0.00983	0.344	0.00972	37.8	0.773
	Limit	1.8	1.9	0.016	0.0071	0.0020	0.0099	0.35	0.0097	38	0.78
Small	99.9% UCL of top performer	4.47	8.18	0.174	0.0115	0.00742	0.0167	8.28	0.00792	--	--
	Limit	4.5	8.2	0.18	0.012	0.0075	0.017	8.3	0.0080	38	0.78

Key:

Yellow Used existing source MACT floor limit, which was lower than new source MACT floor limit would be based on 99.9% UCL.

Blue Used medium unit values used where data missing for small units.

Appendix A
MACT Floor Option 1A (Unit Averages)

Table 1. HCl MACT Floor Option 1A (Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/ existing	APCD code	HCl ppmvd	No. HCl tests	HCl rank	Highest HCl test run
20	20-1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	0.190	4	1	0.551
20	20-2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	0.353	4	2	0.863
108	108-1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0.455	6	3	1.35
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	0.567	4	4	2.80
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	0.608	5	5	1.91
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	0.661	3	6	3.00
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	0.708	3	7	2.11
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	0.736	4	8	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	0.780	7	9	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	0.947	6	10	
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	0.986	5	11	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	1.02	2	12	
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	1.03	4	13	
65	65-1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	1.12	4	14	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	1.17	6	15	
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	1.18	2	16	
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	1.27	5	17	
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	1.30	1	18	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	1.39	5	19	
65	65-2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	1.43	4	20	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	1.48	4	21	
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	1.58	4	22	
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	1.58	3	23	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	2.10	3	24	
98	98-1	University of Texas Medical Branch		Galveston	TX	L	E	WS	2.12	5	25	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	2.22	11	26	
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	2.62	4	27	
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	2.68	4	28	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	2.68	4	29	
88	88	Medina General Hospital		Medina	OH	M	E	WS	3.29	4	30	
36	36-2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	3.75	4	31	
59	59-2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS	3.88	3	32	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	3.93	4	33	
36	36-1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	4.22	3	34	
59	59-1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS	4.24	4	35	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	4.69	4	36	
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	5.27	3	37	
120	120-2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	5.30	7	38	
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	6.26	4	39	
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	8.32	1	40	
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	8.95	7	41	
120	120-1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	11.0	7	42	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	12.3	6	43	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	12.5	5	44	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	15.2	4	45	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	16.6	4	46	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	24.8	3	47	
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	26.6	5	48	
42	42	Stericycle, Inc.		Appoka	FL	L	E	DIFF	27.1	5	49	
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	27.5	4	50	
60	60-1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	38.8	4	51	
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	65.7	2	52	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	72.5	5	53	
15	15-2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	76.9	8	54	
15	15-1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	85.2	10	55	
115	115	Kona Community Hospital		Kealahou	HI	SR	E	CC	135	1	56	
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	298	1	57	

Table 2. CO MACT Floor Option 1A (Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/ existing	APCD code	CO ppmvd	No. CO tests	CO rank	Highest CO test run
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	0.679	4	1	1.21
20	20-1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	0.871	4	2	2.54
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	0.946	4	3	1.18
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	0.983	2	4	1.00
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	1.00	1	5	1.00
36	36-2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	1.07	4	6	3.90
20	20-2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	1.17	4	7	4.05
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	1.17	2	8	
15	15-1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	1.26	7	9	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	1.41	7	10	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	1.41	3	11	
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	1.50	3	12	
98	98-1	University of Texas Medical Branch		Galveston	TX	L	E	WS	1.73	5	13	
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	1.88	4	14	
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	1.91	4	15	
108	108-1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	1.97	7	16	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	2.06	6	17	
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	2.08	9	18	
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	2.11	5	19	
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	2.15	3	20	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	2.24	4	21	
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	2.27	4	22	
36	36-1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	2.46	3	23	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	2.60	7	24	
44	44	Bethesda Memorial Hospital		Boynnton Beach	FL	L	E	WS	2.74	5	25	
120	120-2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	2.86	7	26	
15	15-2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	2.91	3	27	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	3.28	6	28	
59	59-1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS	3.95	4	29	
120	120-1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	3.96	7	30	
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	4.45	3	31	
59	59-2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS	4.61	3	32	
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	4.62	4	33	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	4.81	2	34	
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	4.91	2	35	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	5.363	4	36	
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	5.41	1	37	
65	65-2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	5.77	4	38	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	5.85	5	39	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	5.90	4	40	
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	6.35	4	41	
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	6.46	5	42	
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	6.62	4	43	
115	115	Kona Community Hospital		Kealahou	HI	SR	E	CC	7.00	1	44	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	7.07	11	45	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	7.39	4	46	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	9.36	6	47	
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	10.7	3	48	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	10.7	5	49	
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	11.3	6	50	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	11.6	4	51	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	11.8	5	52	
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	12.11	1	53	
65	65-1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	12.9	4	54	
88	88	Medina General Hospital		Medina	OH	M	E	WS	14.1	4	55	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	14.7	3	56	
60	60-1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	15.1	4	57	

Table 3. Pb MACT Floor Option 1A (Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/ existing	APCD code	Pb mg/dscm	No. Pb tests	Pb rank	Highest Pb test run
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	0.000296	1	1	0.000361
36	36-1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0.00115	3	2	0.00494
60	60-1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	0.00335	2	3	0.00762
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	0.00397	3	4	0.0127
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	0.00406	7	5	0.0219
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	0.00468	2	6	0.00905
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	0.00485	1	7	0.00912
15	15-1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	0.00504	3	8	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	0.00675	7	9	
15	15-2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	0.00769	4	10	
120	120-2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	0.00778	5	11	
36	36-2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0.0109	4	12	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	0.0155	4	13	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	0.0171	3	14	
120	120-1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	0.0187	5	15	
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	0.0261	1	16	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	0.0309	2	17	
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	0.0348	2	18	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	0.0415	3	19	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	0.0434	2	20	
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	0.0435	1	21	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	0.0496	3	22	
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	0.0618	2	23	
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	0.0727	1	24	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	0.0740	2	25	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	0.0774	2	26	
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	0.0883	1	27	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	0.0928	2	28	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	0.0976	2	29	
108	108-1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0.0996	6	30	
20	20-1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	0.126	2	31	
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	0.127	2	32	
65	65-2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	0.134	1	33	
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	0.151	5	34	
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	0.155	1	35	
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	0.161	4	36	
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	0.164	1	37	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	0.177	1	38	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	0.178	3	39	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	0.178	2	40	
20	20-2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	0.182	2	41	
65	65-1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	0.200	1	42	
59	59-1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS	0.206	2	43	
59	59-2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS	0.206	2	44	
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	0.226	1	45	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	0.227	2	46	
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	0.244	5	47	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	0.262	1	48	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	0.291	3	49	
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	0.319	1	50	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	0.331	1	51	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	0.539	1	52	
88	88	Medina General Hospital		Medina	OH	M	E	WS	0.669	4	53	
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	0.723	1	54	
98	98-1	University of Texas Medical Branch		Galveston	TX	L	E	WS	0.756	1	55	
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	0.973	1	56	
115	115	Kona Community Hospital		Kealahou	HI	SR	E	CC				

Table 4. Cd MACT Floor Option 1A (Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/ existing	APCD code	Cd mg/dscm	No. Cd tests	Cd rank	Highest Cd test run
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	0.000106	1	1	0.000109
60	60-1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	0.000532	2	2	0.00118
36	36-1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0.000853	3	3	0.00649
15	15-1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	0.000887	3	4	0.00148
120	120-2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	0.000889	5	5	0.00200
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	0.00106	7	6	0.00792
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	0.00113	4	7	0.00323
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	0.00119	7	8	
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	0.00128	3	9	
15	15-2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	0.00130	4	10	
120	120-1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	0.00132	5	11	
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	0.00152	1	12	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	0.00176	1	13	
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	0.00186	2	14	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	0.00205	2	15	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	0.00214	2	16	
36	36-2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0.00242	4	17	
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	0.00256	4	18	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	0.00265	4	19	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	0.00296	3	20	
98	98-1	University of Texas Medical Branch		Galveston	TX	L	E	WS	0.00298	1	21	
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	0.00336	1	22	
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	0.00364	1	23	
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	0.00365	2	24	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	0.00366	1	25	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	0.00379	2	26	
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	0.00396	2	27	
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	0.00408	5	28	
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	0.00524	5	29	
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	0.00537	1	30	
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	0.00545	1	31	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	0.00560	2	32	
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	0.00564	1	33	
65	65-1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	0.00572	1	34	
108	108-1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0.00773	6	35	
20	20-2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	0.00867	2	36	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	0.00886	2	37	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	0.00929	2	38	
20	20-1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	0.00992	2	39	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	0.0101	3	40	
88	88	Medina General Hospital		Medina	OH	M	E	WS	0.0109	4	41	
65	65-2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	0.0123	1	42	
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	0.0139	1	43	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	0.0152	3	44	
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	0.0168	2	45	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	0.0182	3	46	
59	59-2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS	0.0188	2	47	
59	59-1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS	0.0233	2	48	
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	0.0297	1	49	
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	0.0380	1	50	
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	0.0439	1	51	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	0.0472	1	52	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	0.0474	1	53	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	0.0802	1	54	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	0.0877	3	55	
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	0.122	1	56	
115	115	Kona Community Hospital		Kealahou	HI	SR	E	CC				

Table 5. Hg MACT Floor Option 1A (Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/ existing	APCD code	Hg mg/dscm	No. Hg tests	Hg rank	Highest Hg test run
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	0.000695	1	1	0.000781
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	0.000836	1	2	0.00127
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	0.00124	5	3	0.00980
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	0.00128	2	4	0.00220
115	115	Kona Community Hospital		Kealahou	HI	SR	E	CC	0.00158	1	5	0.00269
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	0.00164	1	6	0.00169
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	0.00244	2	7	0.00500
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	0.00251	1	8	
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	0.00254	3	9	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	0.00270	2	10	
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	0.00292	1	11	
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0.00305	3	12	
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0.00312	6	13	
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	0.00324	2	14	
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	0.00346	1	15	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	0.00353	4	16	
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	0.00361	2	17	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	0.00374	2	18	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	0.00395	1	19	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	0.00400	7	20	
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	0.00418	2	21	
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	0.00542	1	22	
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	0.00559	5	23	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	0.00623	1	24	
88	88	Medina General Hospital		Medina	OH	M	E	WS	0.00716	4	25	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	0.00730	2	26	
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	0.00771	2	27	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	0.00898	3	28	
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	0.00927	7	29	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	0.0108	2	30	
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	0.0114	4	31	
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	0.0119	1	32	
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	0.0130	5	33	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	0.0132	2	34	
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0.0141	4	35	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	0.0183	3	36	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	0.0195	2	37	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	0.0237	3	38	
59	59--1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS	0.0389	4	39	
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	0.0405	1	40	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	0.0445	9	41	
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	0.0482	1	42	
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	0.0504	2	43	
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	0.0598	2	44	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	0.0739	2	45	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	0.0746	2	46	
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	0.0906	1	47	
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	0.109	1	48	
59	59--2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS	0.118	4	49	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	0.129	3	50	
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	0.174	5	51	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	0.206	1	52	
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	0.239	5	53	
15	15--2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	0.300	6	54	
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	0.375	2	55	
65	65--2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	0.377	1	56	
65	65--1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	0.415	1	57	

Table 6. PM MACT Floor Option 1A (Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/ existing	APCD code	PM gr/dscf	No. PM tests	PM rank	Highest PM test run
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	0.00106	4	1	0.00414
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	0.00111	4	2	0.00300
36	36-1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0.00156	3	3	0.00583
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	0.00174	4	4	0.00396
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	0.00180	2	5	0.00460
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	0.00203	5	6	0.00396
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	0.00254	5	7	0.00600
36	36-2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0.00255	4	8	
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	0.00294	3	9	
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	0.00323	3	10	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	0.00330	7	11	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	0.00336	6	12	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	0.00357	4	13	
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	0.00399	7	14	
15	15-2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	0.00407	5	15	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	0.00449	4	16	
60	60-1	BMWNC, Inc.	Unit 1	Mathews	NC	L	E	DIFF	0.00504	4	17	
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	0.00505	4	18	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	0.00543	6	19	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	0.00611	4	20	
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	0.00617	3	21	
120	120-1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	0.00702	7	22	
59	59-1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS	0.00714	4	23	
20	20-1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	0.00721	4	24	
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	0.00760	1	25	
20	20-2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	0.00775	4	26	
15	15-1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	0.00823	4	27	
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	0.00828	4	28	
65	65-2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	0.00878	4	29	
65	65-1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	0.00921	4	30	
120	120-2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	0.00947	7	31	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	0.00960	5	32	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	0.00973	2	33	
59	59-2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS	0.0102	3	34	
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	0.0103	2	35	
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	0.0104	5	36	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	0.0105	11	37	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	0.0109	5	38	
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	0.0111	1	39	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	0.01159	6	40	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	0.0124	3	41	
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	0.0126	3	42	
115	115	Kona Community Hospital		Kealahou	HI	SR	E	CC	0.0128	1	43	
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	0.0137	6	44	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	0.0137	4	45	
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	0.0137	4	46	
98	98-1	University of Texas Medical Branch		Galveston	TX	L	E	WS	0.0147	5	47	
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	0.0162	1	48	
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	0.0164	4	49	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	0.0173	4	50	
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	0.0197	4	51	
108	108-1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0.0216	6	52	
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	0.0239	7	53	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	0.0256	4	54	
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	0.0261	6	55	
88	88	Medina General Hospital		Medina	OH	M	E	WS	0.0267	4	56	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	0.0294	6	57	

Table 7. Total CDD/CDF MACT Floor Option 1A (Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/ existing	APCD code	CDD/CDF ng/dscm	No. CDD/CDF tests	CDD/CDF rank	Highest CDD/CDF test run
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	0.0973	5	1	0.355
120	120-2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	0.152	3	2	0.431
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	0.175	1	3	0.230
108	108-1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0.206	6	4	0.626
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	0.357	3	5	1.13
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	0.380	2	6	0.978
120	120-1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	0.498	3	7	1.57
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	0.665	1	8	
65	65-2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	0.837	1	9	
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	1.06	1	10	
65	65-1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	1.24	1	11	
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	1.28	3	12	
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	1.31	2	13	
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	2.40	2	14	
59	59-1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS	2.82	2	15	
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	2.89	1	16	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	3.37	2	17	
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	3.47	1	18	
36	36-1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	3.71	3	19	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	4.10	1	20	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	4.48	2	21	
15	15-2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	5.47	4	22	
59	59-2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS	5.48	2	23	
60	60-1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	6.10	2	24	
36	36-2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	6.78	2	25	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	6.98	1	26	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	7.10	1	27	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	7.72	6	28	
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	9.11	2	29	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	12.8	4	30	
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	14.7	1	31	
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	16.3	7	32	
88	88	Medina General Hospital		Medina	OH	M	E	WS	17.2	1	33	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	24.3	2	34	
15	15-1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	27.7	3	35	
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	27.9	1	36	
115	115	Kona Community Hospital		Kealahou	HI	SR	E	CC	29.6	1	37	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	29.8	1	38	
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	36.9	1	39	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	46.6	2	40	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	48.3	2	41	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	54.3	2	42	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	66.2	2	43	
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	67.7	1	44	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	67.9	6	45	
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	68.2	2	46	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	74.0	1	47	
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	76.2	4	48	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	78.2	1	49	
20	20-1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	85.2	1	50	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	91.4	1	51	
20	20-2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	97.3	1	52	
98	98-1	University of Texas Medical Branch		Galveston	TX	L	E	WS	98.1	1	53	
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	125	1	54	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF				
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS				
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS				

Table 8. CDD/CDF TEQ MACT Floor Option 1A (Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/ existing	APCD code	TEQ ng/dscm	No. TEQ tests	TEQ rank	Highest TEQ test run
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	0.00291	5	1	0.00888
108	108-1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0.00300	6	2	0.00780
120	120-2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	0.00378	4	3	0.00892
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	0.00424	1	4	0.00523
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	0.00453	1	5	0.00540
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	0.00532	2	6	0.0132
120	120-1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	0.00807	4	7	0.0201
65	65-1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	0.0105	1	8	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	0.0117	3	9	
65	65-2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	0.0126	1	10	
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	0.0153	2	11	
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	0.0160	1	12	
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	0.0176	1	13	
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	0.0299	1	14	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	0.0409	1	15	
36	36-1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0.0442	3	16	
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	0.0457	2	17	
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	0.0509	1	18	
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	0.0624	1	19	
59	59-1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS	0.0664	1	20	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	0.0824	2	21	
59	59-2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS	0.0845	2	22	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	0.0879	6	23	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	0.0898	1	24	
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	0.0967	1	25	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	0.110	1	26	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	0.111	1	27	
15	15-2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	0.115	4	28	
60	60-1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	0.149	1	29	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	0.151	1	30	
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	0.160	2	31	
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	0.193	7	32	
36	36-2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0.308	4	33	
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	0.341	1	34	
15	15-1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	0.451	2	35	
88	88	Medina General Hospital		Medina	OH	M	E	WS	0.458	1	36	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	0.560	1	37	
115	115	Kona Community Hospital		Kealahou	HI	SR	E	CC	0.618	1	38	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	0.630	6	39	
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	0.659	1	40	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	0.748	2	41	
20	20-1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	0.762	2	42	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	0.819	1	43	
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	0.852	1	44	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	0.996	1	45	
98	98-1	University of Texas Medical Branch		Galveston	TX	L	E	WS	1.06	1	46	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	1.12	1	47	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	1.21	1	48	
20	20-2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	1.26	2	49	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	1.29	1	50	
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	1.29	2	51	
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	1.32	3	52	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	1.35	1	53	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	1.42	1	54	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	1.95	1	55	
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	2.23	1	56	
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	2.52	1	57	

Table 9. NO_x MACT Floor Option 1A (Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/ existing	APCD code	NO _x ppmvd	No. NO _x tests	NO _x rank	Highest NO _x test run
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	15.0	1	1	21.2
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	66.9	1	2	76.1
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	67.9	2	3	80.7
120	120-1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	72.4	6	4	145
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	77.1	2	5	109
98	98-1	University of Texas Medical Branch		Galveston	TX	L	E	WS	78.9	1	6	84.8
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	81.5	1	7	90.1
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	84.7	1	8	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	87.9	1	9	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	88.3	1	10	
120	120-2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	88.4	6	11	
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	92.7	4	12	
36	36-2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	94.4	4	13	
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	94.4	1	14	
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	95.1	1	15	
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	99.8	1	16	
36	36-1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	99.8	3	17	
60	60-1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	104	2	18	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	107	3	19	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	112	4	20	
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	119	1	21	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	123	2	22	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	124	2	23	
108	108-1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	128	6	24	
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	131	1	25	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	131	7	26	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	140	2	27	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	141	1	28	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	142	1	29	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	148	2	30	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	149	2	31	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	176	2	32	
15	15-2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	180	4	33	
15	15-1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	187	2	34	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	207	3	35	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	228	2	35	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF				
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF				
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF				
20	20-1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS				
20	20-2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS				
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS				
59	59-1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS				
59	59-2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS				
65	65-1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS				
65	65-2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS				
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS				
94	94	Stericycle, Inc.		Warren	OH	L	E	WS				
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS				
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS				
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS				
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS				
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS				
88	88	Medina General Hospital		Medina	OH	M	E	WS				
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS				
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS				
115	115	Kona Community Hospital		Kealahou	HI	SR	E	CC				

Table 10. SO₂ MACT Floor Option 1A (Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/ existing	APCD code	SO ₂ ppmvd	No. SO ₂ tests	SO ₂ rank	Highest SO ₂ test run
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	0.336	1	1	0.499
120	120-2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	0.462	6	2	5.70
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	0.469	1	3	1.00
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	0.819	3	4	1.35
108	108-1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0.932	6	5	4.10
98	98-1	University of Texas Medical Branch		Galveston	TX	L	E	WS	1.12	1	6	1.56
36	36-1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	1.13	3	7	3.00
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	1.16	2	8	
120	120-1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	1.21	6	9	
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	1.22	5	10	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	1.25	2	11	
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	1.45	1	12	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	1.45	2	13	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	1.50	2	14	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	1.80	1	15	
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	1.90	7	16	
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	2.02	1	17	
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	2.07	1	18	
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	2.13	2	19	
36	36-2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	2.35	4	20	
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	2.46	1	21	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	2.54	2	22	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	2.72	4	23	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	2.78	7	24	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	2.88	1	25	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	3.35	2	26	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	3.41	2	27	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	4.62	1	28	
60	60-1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	7.03	2	29	
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	7.58	1	30	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	10.9	1	31	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	11.7	1	32	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	20.2	3	33	
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	22.6	1	34	
15	15-1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	23.0	7	35	
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	29.9	1	36	
15	15-2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	34.7	2	37	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS				
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF				
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF				
20	20-1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS				
20	20-2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS				
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS				
59	59-1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS				
59	59-2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS				
65	65-1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS				
65	65-2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS				
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS				
94	94	Stericycle, Inc.		Warren	OH	L	E	WS				
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS				
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS				
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS				
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS				
88	88	Medina General Hospital		Medina	OH	M	E	WS				
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS				
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS				
115	115	Kona Community Hospital		Kealahou	HI	SR	E	CC				

Table 11. Opacity MACT Floor Option 1A

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/ existing	APCD code	Opacity %	No. opacity tests	Opacity rank	Highest opacity test run
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	0	1	1	0
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	0	1	2	0
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	0	1	3	0
20	20-1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	0	1	4	0
20	20-2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	0	1	5	0
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	0	1	6	0
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	0	1	7	0
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	0	1	8	
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	0	1	9	
36	36-1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0	1	10	
36	36-2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0	1	11	
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	0	1	12	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	0	1	13	
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	0	1	14	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	0	1	15	
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	0	1	16	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	0	1	17	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	0	1	18	
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	0	1	19	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	0	1	20	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	0	1	21	
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	0	1	22	
65	65-1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	0	1	23	
65	65-2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	0	1	24	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	0	1	25	
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	0	1	26	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	0	1	27	
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	0	1	28	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	0	1	29	
88	88	Medina General Hospital		Medina	OH	M	E	WS	0	1	30	
95	95	St. Joseph's Hospital		Marsfield	WI	M	E	DIFF	0	1	31	
108	108-1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0	1	32	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	0	1	33	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	0	1	34	
115	115	Kona Community Hospital		Kealahou	HI	SR	E	CC	0	1	35	
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	0	1	36	
120	120-1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	0	2	37	
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	0	1	38	
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	0	1	39	
98	98-1	University of Texas Medical Branch		Galveston	TX	L	E	WS	0.833	1	40	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	1.46	1	41	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	1.88	2	42	
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	3.75	1	43	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	3.96	1	44	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	4.17	1	45	
60	60-1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	4.79	1	46	
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	5.60	1	47	
120	120-2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	5.83	2	48	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	5.87	1	49	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	6.25	1	50	
15	15-1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF				
15	15-2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF				
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF				
59	59-1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS				
59	59-2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS				
94	94	Stericycle, Inc.		Warren	OH	L	E	WS				
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS				

Appendix B
MACT Floor Option 1A (Test Runs)

Table 1. HCl MACT Floor Option 1A (Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Parameter	HCl test date	HCl ppmvd
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 1	8/15/00	0.551
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 2	8/15/00	0.314
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 3	8/15/00	0.372
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 1	8/13/02	0.0130
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 2	8/13/02	0.0220
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 3	8/13/02	0.0251
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 1	8/4/03-8/5/03	0.24
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 2	8/4/03-8/5/03	0.29
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 3	8/4/03-8/5/03	0.30
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 1	8/14/06-8/15/06	0.03
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 2	8/14/06-8/15/06	0.01
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 3	8/14/06-8/15/06	0.11
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 1	8/21/00-8/24/00	0.404
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 2	8/21/00-8/24/00	0.373
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 3	8/21/00-8/24/00	0.863
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 1	8/14/02-8/15/02	0.0895
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 2	8/14/02-8/15/02	0.0358
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 3	8/14/02-8/15/02	0.0451
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 1	8/6/03	0.39
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 2	8/6/03	0.63
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 3	8/6/03	0.68
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 1	8/8/06	0.11
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 2	8/8/06	0.00
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 3	8/8/06	0.62
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	10/01/02-10/03/02	0.266
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	10/01/02-10/03/02	0.535
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	10/01/02-10/03/02	1.00
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/23/03-9/25/03	0.4
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/23/03-9/25/03	0.45
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/23/03-9/25/03	0.4
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/28/04-9/30/04	0.63
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/28/04-9/30/04	1.35
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/28/04-9/30/04	0.61
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	8/31/05-9/1/05	0.47
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	8/31/05-9/1/05	1.27
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	8/31/05-9/1/05	0.49
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	8/15/06-8/17/06	0.02
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	8/15/06-8/17/06	0.02
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	8/15/06-8/17/06	0.02
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/17/07-9/19/07	0.0180
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/17/07-9/19/07	0.0155
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/17/07-9/19/07	0.223
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 1	7/30/02-7/31/02	0.290
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 2	7/30/02-7/31/02	0.250
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 3	7/30/02-7/31/02	0.221
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 1	7/29/03	2.8
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 2	7/29/03	1.7
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 3	7/29/03	0.5
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 1	7/27/04	0.4
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 2	7/27/04	0.4
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 3	7/27/04	0.2
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 1	7/12/07	0.0159
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 2	7/12/07	0.0159
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 3	7/12/07	0.0168
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 1	10/23/01	0.156
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 2	10/23/01	0.0790
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 3	10/23/01	0.156
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 1	3/25/03	0.156
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 2	3/25/03	0.477
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 3	3/25/03	0.422
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 1	3/19/04	0.216
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 2	3/19/04	0.216
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 3	3/19/04	0.233
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 1	3/30/05	0.0209
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 2	3/30/05	1.27
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 3	3/30/05	1.91
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 1	3/21/06	1.28
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 2	3/21/06	1.29
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 3	3/21/06	1.24
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 1	11/14/02-11/15/02	0.280

94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 2	11/14/02-11/15/02	0.244
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 3	11/14/02-11/15/02	0.227
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 1	11/13/03	3.0
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 2	11/13/03	0.6
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 3	11/13/03	0.4
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 1	11/10/04	0.6
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 2	11/10/04	0.5
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 3	11/10/04	0.1
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 1	9/24/03-9/25/03	0.559
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 2	9/24/03-9/25/03	0.738
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 3	9/24/03-9/25/03	2.11
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 1	9/14/04	0.5
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 2	9/14/04	0.5
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 3	9/14/04	0.7
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 4	9/14/04	0.7
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 1	9/21/05	0.316
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 2	9/21/05	0.457
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 3	9/21/05	0.390

Table 2. CO MACT Floor Option 1A (Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	Parameter	CO test date	CO ppmvd
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 1	10/24/02	1.0
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 2	10/24/02	0.234
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 3	10/24/02	0.332
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 1	10/22/03	0.81
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 2	10/22/03	1.0
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 3	10/22/03	0.06
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 1	9/23/04	1.12
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 2	9/23/04	0.61
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 3	9/23/04	0.38
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 1	9/19/07	1.21
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 2	9/19/07	0.47
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 3	9/19/07	0.92
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 1	8/15/00	0.0550
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 2	8/15/00	0.116
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 3	8/15/00	1.0
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 1	8/13/02	0.793
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 2	8/13/02	1.13
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 3	8/13/02	2.54
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 1	8/4/03-8/5/03	1.0
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 2	8/4/03-8/5/03	0.29
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 3	8/4/03-8/5/03	1.0
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 1	8/14/06-8/15/06	0.53
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 2	8/14/06-8/15/06	1.0
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 3	8/14/06-8/15/06	1.0
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 1	9/12/01	1.18
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 2	9/12/01	0.584
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 3	9/12/01	0.584
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 1	10/2/02-10/3/02	1.0
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 2	10/2/02-10/3/02	1.0
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 3	10/2/02-10/3/02	1.0
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 1	9/1/03	1.0
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 2	9/1/03	1.0
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 3	9/1/03	1.0
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 1	11/28/06	1.0
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 2	11/28/06	1.0
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 3	11/28/06	1.0
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 1	1/14/03-1/16/03	1.0
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 2	1/14/03-1/16/03	1.0
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 3	1/14/03-1/16/03	1.0
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 1	12/9/04	1.0
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 2	12/9/04	1.0
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 3	12/9/04	0.9
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	Run 1	5/7/08-5/8/08	1.0
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	Run 2	5/7/08-5/8/08	1.0
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	Run 3	5/7/08-5/8/08	1.0
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	8/2/01-8/3/01	1.20
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	8/2/01-8/3/01	3.90
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	8/2/01-8/3/01	3.30
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	5/24/02	0.2
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	5/24/02	0.2
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	5/24/02	0.2
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	4/24/03-4/25/03	1.0
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	4/24/03-4/25/03	0.2
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	4/24/03-4/25/03	0.2
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	4/23/04	1.6
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	4/23/04	0.7
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	4/23/04	0.1
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 1	8/21/00-8/24/00	0.0421
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 2	8/21/00-8/24/00	0.0458
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 3	8/21/00-8/24/00	1.0
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 1	8/14/02-8/15/02	4.05
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 2	8/14/02-8/15/02	1.0
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 3	8/14/02-8/15/02	1.31
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 1	8/6/03	2.54
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 2	8/6/03	1.0
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 3	8/6/03	1.0
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 1	8/8/06	0.05
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 2	8/8/06	1.0
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 3	8/8/06	1.0

Table 3. Pb MACT Floor Option 1A (Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Parameter	Pb test date	Pb mg/dscm
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 1	1/20/00-1/21/00	0.000361
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 2	1/20/00-1/21/00	0.000256
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 3	1/20/00-1/21/00	0.000272
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	10/24/01-10/26/01	0.00494
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	10/24/01-10/26/01	0.00180
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	10/24/01-10/26/01	0.000752
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	5/4/04-5/7/04	0.000311
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	5/4/04-5/7/04	0.000270
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	5/4/04-5/7/04	0.000169
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	4/25/06-5/3/06	0.00133
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	4/25/06-5/3/06	0.000320
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	4/25/06-5/3/06	0.000435
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 1	7/24/01	0.00205
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 2	7/24/01	0.00273
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 3	7/24/01	0.00111
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 1	9/24/03-9/25/03	0.00521
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 2	9/24/03-9/25/03	0.00136
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 3	9/24/03-9/25/03	0.00762
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 1	7/14/00	0.00101
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 2	7/14/00	0.000848
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 3	7/14/00	0.00129
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 1	8/17/04	0.00396
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 2	8/17/04	0.00277
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 3	8/17/04	0.00416
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 1	8/15/06	0.00625
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 2	8/15/06	0.00277
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 3	8/15/06	0.0127
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	10/9/01-10/10/01	0.00536
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	10/9/01-10/10/01	0.00423
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	10/9/01-10/10/01	0.00216
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/10/02-9/11/02	0.0048
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/10/02-9/11/02	0.0038
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/10/02-9/11/02	0.0031
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	10/14/03-10/16/03	0.0024
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	10/14/03-10/16/03	0.0015
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	10/14/03-10/16/03	0.0021
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/14/04-9/15/04	0.0049
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/14/04-9/15/04	0.0021
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/14/04-9/15/04	0.0011
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/13/05-9/14/05	0.00395
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/13/05-9/14/05	0.00173
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/13/05-9/14/05	0.00334
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/19/06-9/20/06	0.0219
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/19/06-9/20/06	0.00381
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/19/06-9/20/06	0.00322
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	10/2/07-10/3/07	0.0039
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	10/2/07-10/3/07	0.0031
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	10/2/07-10/3/07	0.0028
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 1	1/10/01-1/11/01	0.00322
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 2	1/10/01-1/11/01	0.00905
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 3	1/10/01-1/11/01	0.00204
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 1	2/7/06	0.00578
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 2	2/7/06	0.00495
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 3	2/7/06	0.00306
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 1	10/24/02	0.00912
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 2	10/24/02	0.00392
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 3	10/24/02	0.00151

Table 4. Cd MACT Floor Option 1A (Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	Parameter	Cd test date	Cd mg/dscm
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 1	1/20/00-1/21/00	0.000105
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 2	1/20/00-1/21/00	0.000102
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 3	1/20/00-1/21/00	0.000109
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 1	7/24/01	0.000492
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 2	7/24/01	0.000377
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 3	7/24/01	0.000442
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 1	9/24/03-9/25/03	0.000449
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 2	9/24/03-9/25/03	0.000253
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 3	9/24/03-9/25/03	0.00118
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	10/24/01-10/26/01	0.00649
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	10/24/01-10/26/01	0.000458
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	10/24/01-10/26/01	0.000270
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	5/4/04-5/7/04	0.000117
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	5/4/04-5/7/04	0.0000732
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	5/4/04-5/7/04	0.000183
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	4/25/06-5/3/06	0.0000229
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	4/25/06-5/3/06	0.0000458
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	4/25/06-5/3/06	0.0000183
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 1	2/27/02	0.00135
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 2	2/27/02	0.000657
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 3	2/27/02	0.000546
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 1	2/18/04-2/19/04	0.00148
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 2	2/18/04-2/19/04	0.00112
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 3	2/18/04-2/19/04	0.000497
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 1	2/23/06-2/24/06	0.000674
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 2	2/23/06-2/24/06	0.000820
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 3	2/23/06-2/24/06	0.000830
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	9/20/02	0.000193
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	9/20/02	0.000203
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	9/20/02	0.000117
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	10/15/02-10/16/02	0.00101
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	10/15/02-10/16/02	0.00124
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	10/15/02-10/16/02	0.00130
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	1/17/03	0.0000979
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	1/17/03	0.000105
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	1/17/03	0.0000759
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	11/10/04	0.001
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	11/10/04	0.001
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	11/10/04	0.001
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	12/4/06-12/9/06	0.002
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	12/4/06-12/9/06	0.002
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	12/4/06-12/9/06	0.002
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	10/9/01-10/10/01	0.000326
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	10/9/01-10/10/01	0.000368
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	10/9/01-10/10/01	0.000267
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/10/02-9/11/02	0.00020
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/10/02-9/11/02	0.00019
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/10/02-9/11/02	0.00026
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	10/14/03-10/16/03	0.00015
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	10/14/03-10/16/03	0.00006
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	10/14/03-10/16/03	0.00013
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/14/04-9/15/04	0.00469
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/14/04-9/15/04	0.00642
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/14/04-9/15/04	0.00792
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/13/05-9/14/05	0.0000951
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/13/05-9/14/05	0.0000559
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/13/05-9/14/05	0.0000557
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/19/06-9/20/06	0.000299
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/19/06-9/20/06	0.000158
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/19/06-9/20/06	0.000200

38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	10/2/07-10/3/07	0.00018
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	10/2/07-10/3/07	0.00016
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	10/2/07-10/3/07	0.00014
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	Run 1	2/4/03-2/6/03	0.00100
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	Run 2	2/4/03-2/6/03	0.00208
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	Run 3	2/4/03-2/6/03	0.000195
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	Run 1	8/16/05-8/17/05	0.00105
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	Run 2	8/16/05-8/17/05	0.00106
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	Run 3	8/16/05-8/17/05	0.00150
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	Run 1	11/21/06	0.00212
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	Run 2	11/21/06	0.00053
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	Run 3	11/21/06	0.00323
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	Run 1	11/15/07-11/16/07	0.000271
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	Run 2	11/15/07-11/16/07	0.000523
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	Run 3	11/15/07-11/16/07	0.000401

Table 5. Hg MACT Floor Option 1A (Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Parameter	Hg test date	Hg mg/dscm
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 1	1/14/03-1/16/03	0.000658
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 2	1/14/03-1/16/03	0.000781
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 3	1/14/03-1/16/03	0.000646
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	Run 1	8/13/03-8/14/03	0.000614
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	Run 2	8/13/03-8/14/03	0.000623
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	Run 3	8/13/03-8/14/03	0.00127
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/12/00	0.000882
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/12/00	0.000745
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/12/00	0.000921
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	3/15/01-3/16/01	0.000780
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	3/15/01-3/16/01	0.000939
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	3/15/01-3/16/01	0.00980
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/16/02-4/18/02	0.000277
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/16/02-4/18/02	0.000771
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/16/02-4/18/02	0.000252
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/23/03-4/24/03	0.00165
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/23/03-4/24/03	0.0000252
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/23/03-4/24/03	0.0000229
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/13/04-4/14/04	0.000101
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/13/04-4/14/04	0.00103
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/13/04-4/14/04	0.000372
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	Run 1	11/7/00	0.000366
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	Run 2	11/7/00	0.000610
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	Run 3	11/7/00	0.00129
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	Run 1	9/20/05-9/22/05	0.0016
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	Run 2	9/20/05-9/22/05	0.0016
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	Run 3	9/20/05-9/22/05	0.0022
115	115	Kona Community Hospital		Kealahou	HI	SR	E	CC	Run 1	1/9/02-1/11/02	0.00269
115	115	Kona Community Hospital		Kealahou	HI	SR	E	CC	Run 2	1/9/02-1/11/02	0.00136
115	115	Kona Community Hospital		Kealahou	HI	SR	E	CC	Run 3	1/9/02-1/11/02	0.00119
115	115	Kona Community Hospital		Kealahou	HI	SR	E	CC	Run 4	1/9/02-1/11/02	0.00106
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 1	1/20/00-1/21/00	0.00163
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 2	1/20/00-1/21/00	0.00159
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 3	1/20/00-1/21/00	0.00169
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 1	8/29/00	0.00204
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 2	8/29/00	0.00174
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 3	8/29/00	0.00105
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 1	8/8/05	0.0019
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 2	8/8/05	0.0029
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 3	8/8/05	0.005

Table 6. PM MACT Floor Option 1A (Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	Parameter	PM test date	PM gr/dscf
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 1	1/10/01-1/11/01	0.00132
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 2	1/10/01-1/11/01	0.000975
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 3	1/10/01-1/11/01	0.000362
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 1	11/21/05-11/22/05	0.000297
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 2	11/21/05-11/22/05	0.000303
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 3	11/21/05-11/22/05	0.000714
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 1	11/2/06	0.000282
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 2	11/2/06	0.00265
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 3	11/2/06	0.000578
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 1	11/14/07	0.00414
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 2	11/14/07	0.000795
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 3	11/14/07	0.000308
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 1	8/6/02	0.000415
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 2	8/6/02	0.000378
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 3	8/6/02	0.000511
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 1	7/17/03	0.0009
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 2	7/17/03	0.0004
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 3	7/17/03	0.0004
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 1	7/16/04	0.0011
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 2	7/16/04	0.0018
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 3	7/16/04	0.003
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 1	7/24/06	0.0019
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 2	7/24/06	0.0022
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 3	7/24/06	0.0003
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	10/24/01-10/26/01	0.00236
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	10/24/01-10/26/01	0.00583
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	10/24/01-10/26/01	0.00164
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	5/4/04-5/7/04	0.0008
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	5/4/04-5/7/04	0.0001
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	5/4/04-5/7/04	0.0001
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	4/25/06-5/3/06	0.0017
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	4/25/06-5/3/06	0.0010
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	4/25/06-5/3/06	0.0005
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 1	2/15/02	0.00389
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 2	2/15/02	0.00214
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 3	2/15/02	0.00201
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 4	2/15/02	0.00290
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 1	2/13/03	0.00048
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 2	2/13/03	0.00019
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 3	2/13/03	0.00019
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 1	2/10/04-2/12/04	0.00135
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 2	2/10/04-2/12/04	0.00016
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 3	2/10/04-2/12/04	0.00048
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 1	2/9/06	0.00387
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 2	2/9/06	0.00396
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 3	2/9/06	0.00195
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 1	1/14/03-1/16/03	0.00460
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 2	1/14/03-1/16/03	0.00107
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 3	1/14/03-1/16/03	0.00217
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 1	12/9/04	0.00120
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 2	12/9/04	0.00125
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 3	12/9/04	0.000533
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	Run 1	7/10/01	0.000871
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	Run 2	7/10/01	0.000976
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	Run 3	7/10/01	0.000982
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	Run 1	7/10/02	0.00105
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	Run 2	7/10/02	0.00293
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	Run 3	7/10/02	0.00185
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	Run 1	7/9/03	0.00207
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	Run 2	7/9/03	0.000682
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	Run 3	7/9/03	0.00343
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	Run 1	7/12/05-7/13/05	0.00304
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	Run 2	7/12/05-7/13/05	0.00230
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	Run 3	7/12/05-7/13/05	0.00209
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	Run 1	7/19/06	0.00227
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	Run 2	7/19/06	0.00396
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	Run 3	7/19/06	0.00202
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 1	8/28/00	0.00209
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 2	8/28/00	0.00192

51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 3	8/28/00	0.00150
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Average	9/30/02	0.006
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 1	9/22/04	0.0004
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 2	9/22/04	0.0033
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 3	9/22/04	0.0022
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 1	8/8/05	0.0027
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 2	8/8/05	0.0029
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 3	8/8/05	0.0014
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 1	8/18/06	0.0002
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 2	8/18/06	0.0002
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 3	8/18/06	0.0013

Table 7. Total CDD/CDF MACT Floor Option 1A (Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	Parameter	CDD/CDF test date	CDD/CDF ng/dscm
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/12/00-4/13/00	0.0856
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/12/00-4/13/00	0.0766
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/12/00-4/13/00	0.0394
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	3/15/01-3/16/01	0.150
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	3/15/01-3/16/01	0.142
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	3/15/01-3/16/01	0.0771
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/16/02-4/18/02	0.0906
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/16/02-4/18/02	0.0952
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/16/02-4/18/02	0.0918
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/22/03-4/24/03	0.027
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/22/03-4/24/03	0.023
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/22/03-4/24/03	0.355
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/13/04-4/15/04	0.0687
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/13/04-4/15/04	0.0458
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/13/04-4/15/04	0.0915
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	9/18/02-9/20/02	0.187
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	9/18/02-9/20/02	0.150
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	9/18/02-9/20/02	0.0975
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	10/15/02-10/17/02	0.431
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	10/15/02-10/17/02	0.275
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	10/15/02-10/17/02	0.206
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	11/10/04	0.009
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	11/10/04	0.004
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	11/10/04	0.005
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 1	9/10/01-9/11/01	0.159
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 2	9/10/01-9/11/01	0.230
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 3	9/10/01-9/11/01	0.134
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	10/01/02-10/03/02	0.0588
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	10/01/02-10/03/02	0.105
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	10/01/02-10/03/02	0.0892
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/23/03	0.0802
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/23/03	0.156
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/23/03	0.177
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/28/04	0.626
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/28/04	0.515
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/28/04	0.140
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	8/30/05	0.303
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	8/30/05	0.55
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	8/30/05	0.373
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	8/15/06-8/17/06	0.083
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	8/15/06-8/17/06	0.094
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	8/15/06-8/17/06	0.187
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/17/07, 9/19/07	0.0623
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/17/07, 9/19/07	0.0839
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/17/07, 9/19/07	0.0206
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 1	2/20/01-2/21/01	0.954
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 2	2/20/01-2/21/01	1.13
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 3	2/20/01-2/21/01	0.486

84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 1	7/1/03	0.297
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 2	7/1/03	0.0915
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 3	7/1/03	0.0915
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 1	12/20/06-12/21/06	0.074
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 2	12/20/06-12/21/06	0.041
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 3	12/20/06-12/21/06	0.043
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 1	1/20/00-1/21/00	0.456
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 2	1/20/00-1/21/00	0.247
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 3	1/20/00-1/21/00	0.232
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 1	2/4/02-2/5/02	0.978
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 2	2/4/02-2/5/02	0.311
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 3	2/4/02-2/5/02	0.0558
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	10/9/02-10/10/02	0.849
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/9/02-10/10/02	0.532
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/9/02-10/10/02	0.309
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	10/21/02-10/23/02	1.57
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/21/02-10/23/02	0.443
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/21/02-10/23/02	0.749
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	10/27/04	0.008
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/27/04	0.009
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/27/04	0.017

Table 8. CDD/CDF TEQ MACT Floor Option 1A (Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Parameter	TEQ test date	TEQ ng/dscm
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/12/00-4/13/00	0.00184
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/12/00-4/13/00	0.00154
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/12/00-4/13/00	0.000982
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	3/15/01-3/16/01	0.00277
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	3/15/01-3/16/01	0.00232
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	3/15/01-3/16/01	0.00176
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/16/02-4/18/02	0.00421
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/16/02-4/18/02	0.00391
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/16/02-4/18/02	0.00650
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/22/03-4/24/03	0.00103
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/22/03-4/24/03	0.00098
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/22/03-4/24/03	0.00888
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/13/04-4/15/04	0.00215
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/13/04-4/15/04	0.00225
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/13/04-4/15/04	0.00247
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	10/01/02-10/03/02	0.00181
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	10/01/02-10/03/02	0.00201
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	10/01/02-10/03/02	0.00198
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/23/03	0.0012
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/23/03	0.0028
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/23/03	0.0031
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/28/04	0.0058
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/28/04	0.004
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/28/04	0.0009
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	8/30/05	0.0012
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	8/30/05	0.0078
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	8/30/05	0.0071
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	8/15/06-8/17/06	0.0026
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	8/15/06-8/17/06	0.0027
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	8/15/06-8/17/06	0.0059
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/17/07, 9/19/07	0.00213
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/17/07, 9/19/07	0.000882
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/17/07, 9/19/07	0.0000700
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	9/18/02-9/20/02	0.00517
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	9/18/02-9/20/02	0.00892
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	9/18/02-9/20/02	0.00329
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	10/15/02-10/17/02	0.00725
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	10/15/02-10/17/02	0.00612
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	10/15/02-10/17/02	0.00817
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	11/10/04	0.001
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	11/10/04	0.001
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	11/10/04	0.001
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	12/4/06-12/9/06	0.00121
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	12/4/06-12/9/06	0.00114
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	12/4/06-12/9/06	0.00104

41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 1	9/10/01-9/11/01	0.00523
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 2	9/10/01-9/11/01	0.00463
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 3	9/10/01-9/11/01	0.00287
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	Run 1	1/11/07-1/12/07	0.0049
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	Run 2	1/11/07-1/12/07	0.0033
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	Run 3	1/11/07-1/12/07	0.0054
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 1	1/20/00-1/21/00	0.00408
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 2	1/20/00-1/21/00	0.00450
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 3	1/20/00-1/21/00	0.00267
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 1	2/4/02-2/5/02	0.0132
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 2	2/4/02-2/5/02	0.00539
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 3	2/4/02-2/5/02	0.00201
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	10/9/02-10/10/02	0.0116
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/9/02-10/10/02	0.0105
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/9/02-10/10/02	0.00991
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	10/21/02-10/23/02	0.0201
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/21/02-10/23/02	0.0100
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/21/02-10/23/02	0.0115
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	10/27/04	0.003
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/27/04	0.001
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/27/04	0.002
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	11/28/06-12/2/06	0.00767
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	11/28/06-12/2/06	0.00112
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 4	11/28/06-12/2/06	0.00839

Table 9. NO_x HMIWI MACT Floor Option 1A (Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	Parameter	NO _x test date	NO _x ppmvd
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	Run 1	2/21/01	21.2
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	Run 2	2/21/01	16.8
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	Run 3	2/21/01	6.85
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 1	1/20/00-1/21/00	54.7
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 2	1/20/00-1/21/00	70.0
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CAWS	Run 3	1/20/00-1/21/00	76.1
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 1	10/16/02-10/17/02	80.7
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 2	10/16/02-10/17/02	80.7
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 3	10/16/02-10/17/02	80.7
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 1	11/10/05	63.2
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 2	11/10/05	48.1
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 3	11/10/05	53.8
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	10/8/02-10/9/02	58.1
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/8/02-10/9/02	47.0
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/8/02-10/9/02	63.2
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	10/21/02	42.7
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/21/02	62.1
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/21/02	67.8
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/27/04	78.0
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/27/04	98.1
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 4	10/27/04	145
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	12/12/05-12/15/05	54.2
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	12/12/05-12/15/05	60.1
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	12/12/05-12/15/05	56.6
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	11/28/06-12/2/06	74.6
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 4	11/28/06-12/2/06	100
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 5	11/28/06-12/2/06	91.4
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	11/28/07-11/30/07	72.97
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	11/28/07-11/30/07	77.47
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 4	11/28/07-11/30/07	53.16
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 1	8/29/00	59.8
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 2	8/29/00	59.8
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 3	8/29/00	62.9
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 1	8/8/05	109
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 2	8/8/05	93.9
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 3	8/8/05	77.8
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	Run 1	3/11/03-3/12/03	73.8
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	Run 2	3/11/03-3/12/03	78.2
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	Run 3	3/11/03-3/12/03	84.8
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	Run 1	5/7/08-5/8/08	85.1
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	Run 2	5/7/08-5/8/08	90.1
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	Run 3	5/7/08-5/8/08	69.3

Table 10. SO₂ HMIWI MACT Floor Option 1A (Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	Parameter	SO ₂ test date	SO ₂ ppmvd
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	Run 1	3/11/03, 3/13/03-3/14/03	0.264
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	Run 2	3/11/03, 3/13/03-3/14/03	0.499
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	Run 3	3/11/03, 3/13/03-3/14/03	0.246
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	9/20/02	0.896
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	9/20/02	0.886
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	9/20/02	0.933
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	10/15/02-10/16/02	0.952
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	10/15/02-10/16/02	0.943
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	10/15/02-10/16/02	1.02
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	11/10/04	0.2
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	11/10/04	0.2
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	11/10/04	0.2
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	12/5/05-12/8/05	0.2
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	12/5/05-12/8/05	0.2
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	12/5/05-12/8/05	0.2
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	12/4/06-12/9/06	0.02
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	12/4/06-12/9/06	1.26
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 4	12/4/06-12/9/06	0.02
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	12/3/07-12/5/07	0.06
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	12/3/07-12/5/07	0.06
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	12/3/07-12/5/07	0.06
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 1	9/24/03-9/25/03	1.0
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 2	9/24/03-9/25/03	0.101
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 3	9/24/03-9/25/03	0.305
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 1	11/13/01-11/15/01	1.0
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 2	11/13/01-11/15/01	0.209
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 3	11/13/01-11/15/01	0.784
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 1	11/13/01-11/15/01	1.0
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 2	11/13/01-11/15/01	1.01
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 3	11/13/01-11/15/01	1.35
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 1	11/2/04-11/3/04	0.46
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 2	11/2/04-11/3/04	0.78
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 3	11/2/04-11/3/04	0.77
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	10/01/02	0.366
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	10/01/02	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	10/01/02	0.136
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 4	10/01/02	0.545
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 5	10/01/02	0.724
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 6	10/01/02	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 7	10/01/02	0.158
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 8	10/01/02	0.625
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 9	10/01/02	0.474
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/24/03	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/24/03	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/24/03	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 4	9/24/03	1.0

108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 4	9/17/07-9/19/07	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 5	9/17/07-9/19/07	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 6	9/17/07-9/19/07	0.431
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 7	9/17/07-9/19/07	0.386
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 8	9/17/07-9/19/07	3.09
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	Run 1	3/11/03-3/12/03	1.00
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	Run 2	3/11/03-3/12/03	1.56
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	Run 3	3/11/03-3/12/03	0.787
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	10/24/01	1.0
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	10/24/01	0.143
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	10/24/01	1.0
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	5/4/04-5/7/04	3.0
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	5/4/04-5/7/04	1.0
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	5/4/04-5/7/04	1.0
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	4/25/06-5/3/06	1.0
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	4/25/06-5/3/06	1.0
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	4/25/06-5/3/06	1.0

Appendix C
MACT Floor Option 1B (Unit Averages)

Table 1. HCI MACT Floor Option 1B (Large HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	HCI ppmvd	No. HCI tests	HCI rank	Highest HCI test run
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	0.190	4	1	0.551
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	0.353	4	2	0.863
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	0.567	4	3	2.80
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	0.608	5	4	1.91
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	0.661	3	5	3.00
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	0.780	7	6	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	0.947	6	7	
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	0.986	5	8	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	1.02	2	9	
65	65--1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	1.12	4	10	
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	1.18	2	11	
65	65--2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	1.43	4	12	
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	1.58	3	13	
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	2.12	5	14	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	2.22	11	15	
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	2.68	4	16	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	2.68	4	17	
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	3.75	4	18	
59	59--2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS	3.88	3	19	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	3.93	4	20	
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	4.22	3	21	
59	59--1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS	4.24	4	22	
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	5.30	7	23	
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	8.32	1	24	
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	11.0	7	25	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	12.5	5	26	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	15.2	4	27	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	16.6	4	28	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	24.8	3	29	
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	26.6	5	30	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	27.1	5	31	
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	38.8	4	32	
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	65.7	2	33	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	72.5	5	34	
15	15--2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	76.9	8	35	
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	85.2	10	36	

Table 2. CO MACT Floor Option 1B (Large HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	CO ppmvd	No. CO tests	CO rank	Highest CO test run
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	0.871	4	1	2.54
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	0.983	2	2	1.00
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	1.00	1	3	1.00
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd	PA	L	E	DIFF	1.07	4	4	3.90
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	1.17	4	5	4.05
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	1.17	2	6	
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	1.26	7	7	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	1.41	7	8	
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	1.73	5	9	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	2.24	4	10	
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	2.46	3	11	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	2.60	7	12	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	2.74	5	13	
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	2.86	7	14	
15	15--2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	2.91	3	15	
59	59--1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS	3.95	4	16	
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	3.96	7	17	
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	4.45	3	18	
59	59--2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS	4.61	3	19	
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	4.62	4	20	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	4.81	2	21	
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	4.91	2	22	
65	65--2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	5.77	4	23	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	5.85	5	24	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	5.90	4	25	
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	6.35	4	26	
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	6.46	5	27	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	7.07	11	28	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	7.39	4	29	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	9.36	6	30	
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	10.7	3	31	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	10.7	5	32	
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	11.3	6	33	
65	65--1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	12.9	4	34	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	14.7	3	35	
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	15.1	4	36	

Table 3. Pb MACT Floor Option 1B (Large HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Pb mg/dscm	No. Pb tests	Pb rank	Highest Pb test run
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	0.000296	1	1	0.000361
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd	PA	L	E	DIFF	0.00115	3	2	0.00494
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	0.00335	2	3	0.00762
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	0.00468	2	4	0.00905
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	0.00504	3	5	0.0150
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	0.00675	7	6	
15	15--2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	0.00769	4	7	
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	0.00778	5	8	
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0.0109	4	9	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	0.0155	4	10	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	0.0171	3	11	
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	0.0187	5	12	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	0.0309	2	13	
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	0.0348	2	14	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	0.0415	3	15	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	0.0434	2	16	
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	0.0435	1	17	
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	0.0618	2	18	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	0.0740	2	19	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	0.0774	2	20	
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	0.0883	1	21	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	0.0928	2	22	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	0.0976	2	23	
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	0.126	2	24	
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	0.127	2	25	
65	65--2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	0.134	1	26	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	0.177	1	27	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	0.178	3	28	
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	0.182	2	29	
65	65--1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	0.200	1	30	
59	59--1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS	0.206	2	31	
59	59--2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS	0.206	2	32	
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	0.244	5	33	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	0.291	3	34	
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	0.319	1	35	
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	0.756	1	36	

Table 4. Cd MACT Floor Option 1B (Large HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Cd mg/dscm	No. Cd tests	Cd rank	Highest Cd test run
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	0.000106	1	1	0.000109
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	0.000532	2	2	0.00118
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd	PA	L	E	DIFF	0.000853	3	3	0.00649
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	0.000887	3	4	0.00148
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	0.000889	5	5	0.00200
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	0.00113	4	6	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	0.00119	7	7	
15	15--2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	0.00130	4	8	
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	0.00132	5	9	
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	0.00186	2	10	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	0.00205	2	11	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	0.00214	2	12	
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0.00242	4	13	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	0.00265	4	14	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	0.00296	3	15	
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	0.00298	1	16	
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	0.00364	1	17	
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	0.00365	2	18	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	0.00379	2	19	
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	0.00396	2	20	
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	0.00524	5	21	
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	0.00537	1	22	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	0.00560	2	23	
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	0.00564	1	24	
65	65--1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	0.00572	1	25	
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	0.00867	2	26	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	0.00886	2	27	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	0.00929	2	28	
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	0.00992	2	29	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	0.0101	3	30	
65	65--2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	0.0123	1	31	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	0.0152	3	32	
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	0.0168	2	33	
59	59--2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS	0.0188	2	34	
59	59--1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS	0.0233	2	35	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	0.0802	1	36	

Table 5. Hg MACT Floor Option 1B (Large HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Hg mg/dscm	No. Hg tests	Hg rank	Highest Hg test run
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	0.000695	1	1	0.000781
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	0.00128	2	2	0.00220
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	0.00164	1	3	0.00169
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	0.00244	2	4	0.00500
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd	PA	L	E	DIFF	0.00305	3	5	0.0124
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	0.00324	2	6	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	0.00353	4	7	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	0.00374	2	8	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	0.00400	7	9	
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	0.00418	2	10	
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	0.00542	1	11	
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	0.00559	5	12	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	0.00623	1	13	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	0.00730	2	14	
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	0.00771	2	15	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	0.00898	3	16	
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	0.0119	1	17	
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	0.0130	5	18	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	0.0132	2	19	
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0.0141	4	20	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	0.0183	3	21	
59	59--1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS	0.0389	4	22	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	0.0445	9	23	
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	0.0482	1	24	
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	0.0504	2	25	
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	0.0598	2	26	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	0.0739	2	27	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	0.0746	2	28	
59	59--2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS	0.118	4	29	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	0.129	3	30	
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	0.174	5	31	
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	0.239	5	32	
15	15--2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	0.300	6	33	
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	0.375	2	34	
65	65--2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	0.377	1	35	
65	65--1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	0.415	1	36	

Table 6. PM MACT Floor Option 1B (Large HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	PM gr/dscf	No. PM tests	PM rank	Highest PM test run
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	0.00106	4	1	0.00414
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	0.00111	4	2	0.00300
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd	PA	L	E	DIFF	0.00156	3	3	0.00583
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	0.00174	4	4	0.00396
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	0.00180	2	5	0.00460
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	0.00203	5	6	
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	0.00254	5	7	
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0.00255	4	8	
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	0.00323	3	9	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	0.00330	7	10	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	0.00357	4	11	
15	15--2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	0.00407	5	12	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	0.00449	4	13	
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	0.00504	4	14	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	0.00543	6	15	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	0.00611	4	16	
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	0.00617	3	17	
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	0.00702	7	18	
59	59--1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS	0.00714	4	19	
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	0.00721	4	20	
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	0.00775	4	21	
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	0.00823	4	22	
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	0.00828	4	23	
65	65--2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	0.00878	4	24	
65	65--1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	0.00921	4	25	
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	0.00947	7	26	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	0.00960	5	27	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	0.00973	2	28	
59	59--2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS	0.0102	3	29	
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	0.0103	2	30	
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	0.0104	5	31	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	0.0105	11	32	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	0.0109	5	33	
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	0.0111	1	34	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	0.0137	4	35	
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	0.0147	5	36	

Table 7. Total CDD/CDF MACT Floor Option 1B (Large HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/ existing	APCD code	CDD/CDF ng/dscm	No. CDD/CDF tests	CDD/CDF rank	Highest CDD/CDF test run
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	0.152	3	1	0.431
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	0.357	3	2	1.13
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	0.380	2	3	0.978
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	0.498	3	4	1.57
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	0.665	1	5	0.716
65	65--2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	0.837	1	6	
65	65--1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	1.24	1	7	
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	1.31	2	8	
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	2.40	2	9	
59	59--1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS	2.82	2	10	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	3.37	2	11	
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	3.71	3	12	
15	15--2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	5.47	4	13	
59	59--2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS	5.48	2	14	
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	6.10	2	15	
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	6.78	2	16	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	7.10	1	17	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	7.72	6	18	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	12.8	4	19	
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	14.7	1	20	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	24.3	2	21	
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	27.7	3	22	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	29.8	1	23	
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	36.9	1	24	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	46.6	2	25	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	48.3	2	26	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	54.3	2	27	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	66.2	2	28	
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	67.7	1	29	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	67.9	6	30	
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	68.2	2	31	
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	85.2	1	32	
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	97.3	1	33	
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	98.1	1	34	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF				
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS				

Table 8. CDD/CDF TEQ MACT Floor Option 1B (Large HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	TEQ ng/dscm	No. TEQ tests	TEQ rank	Highest TEQ test
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	0.00378	4	1	0.00892
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	0.00532	2	2	0.0132
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	0.00807	4	3	0.0201
65	65--1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	0.0105	1	4	0.0131
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	0.0117	3	5	0.0336
65	65--2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	0.0126	1	6	
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	0.0153	2	7	
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	0.0160	1	8	
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	0.0176	1	9	
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0.0442	3	10	
59	59--1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS	0.0664	1	11	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	0.0824	2	12	
59	59--2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS	0.0845	2	13	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	0.0879	6	14	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	0.0898	1	15	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	0.110	1	16	
15	15--2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	0.115	4	17	
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	0.149	1	18	
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0.308	4	19	
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	0.341	1	20	
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	0.451	2	21	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	0.560	1	22	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	0.630	6	23	
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	0.659	1	24	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	0.748	2	25	
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	0.762	2	26	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	0.819	1	27	
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	0.852	1	28	
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	1.06	1	29	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	1.21	1	30	
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	1.26	2	31	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	1.29	1	32	
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	1.29	2	33	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	1.35	1	34	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	1.95	1	35	
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	2.23	1	36	

Table 9. NO_x MACT Floor Option 1B (Large HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	NO _x ppmvd	No. NO _x tests	NO _x rank	Highest NO _x test run
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	66.9	1	1	76.1
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	67.9	2	2	80.7
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	72.4	6	3	145
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	77.1	2	4	109
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	78.9	1	5	84.8
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	81.5	1	6	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	88.3	1	7	
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	88.4	6	8	
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	92.7	4	9	
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	94.4	4	10	
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	99.8	3	11	
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	104	2	12	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	107	3	13	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	112	4	14	
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	119	1	15	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	123	2	16	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	131	7	17	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	140	2	18	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	142	1	19	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	149	2	20	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	176	2	21	
15	15--2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	180	4	22	
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	187	2	23	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	207	3	24	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	228	2	25	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF				
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS				
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS				
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS				
59	59--1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS				
59	59--2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS				
65	65--1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS				
65	65--2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS				
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS				
94	94	Stericycle, Inc.		Warren	OH	L	E	WS				
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS				

Table 10. SO₂ MACT Floor Option 1B (Large HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	SO ₂ ppmvd	No. SO ₂ tests	SO ₂ rank	Highest SO ₂ test run
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	0.462	6	1	5.70
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	0.819	3	2	1.35
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	1.12	1	3	1.56
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd	PA	L	E	DIFF	1.13	3	4	3.00
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	1.16	2	5	2.59
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	1.21	6	6	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	1.25	2	7	
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	1.45	1	8	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	1.45	2	9	
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	1.50	2	10	
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	2.07	1	11	
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	2.13	2	12	
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	2.35	4	13	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	2.72	4	14	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	2.78	7	15	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	3.35	2	16	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	3.41	2	17	
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	4.62	1	18	
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	7.03	2	19	
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	7.58	1	20	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	20.2	3	21	
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	23.0	7	22	
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	29.9	1	23	
15	15--2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF	34.7	2	24	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS				
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF				
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS				
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS				
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS				
59	59--1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS				
59	59--2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS				
65	65--1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS				
65	65--2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS				
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS				
94	94	Stericycle, Inc.		Warren	OH	L	E	WS				
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS				

Table 11. Opacity MACT Floor Option 1B (Large HMIWI)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Opacity %	No. opacity tests	Opacity rank	Highest opacity test run
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	0	1	1	0
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	0	1	2	0
42	42	Stericycle, Inc.		Apopka	FL	L	E	DIFF	0	1	3	0
43	43	Boca Raton Community Hospital		Boca Raton	FL	L	E	WS	0	1	4	0
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	0	1	5	0
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	0	1	6	
48	48	Memorial Regional Hospital		Hollywood	FL	L	E	WS/WESP	0	1	7	
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	0	1	8	
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	0	1	9	
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	0	1	10	
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	0	1	11	
87	87	MedCentral Health System, Mansfield Hospital		Mansfield	OH	L	E	DIFF	0	1	12	
109	109	Healthcare Environmental Services Inc.		Fargo	ND	L	E	DIFF	0	1	13	
110	110	Stericycle, Inc.		North Salt Lake	UT	L	E	DI-ESP/WS	0	1	14	
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	0	1	15	
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	0	2	16	
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	0	1	17	
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	0	1	18	
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0	1	19	
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	0	1	20	
65	65--1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	0	1	21	
65	65--2	Stericycle, Inc.	Unit 2	Clinton	IL	L	E	WS	0	1	22	
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	0.833	1	23	
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	1.88	2	24	
5	5	Merck & Company, Inc.		Rahway	NJ	L	E	DIFF	3.96	1	25	
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	4.79	1	26	
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	5.60	1	27	
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	5.83	2	28	
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	5.87	1	29	
77	77	Parkview Hospital		Fort Wayne	IN	L	E	WS	6.25	1	30	
94	94	Stericycle, Inc.		Warren	OH	L	E	WS				
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS				
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF				
15	15--2	Curtis Bay Energy	Unit 2	Baltimore	MD	L	E	DIFF				
59	59--1	Stericycle, Inc.	Unit 1	Haw River	NC	L	E	WS				
59	59--2	Stericycle, Inc.	Unit 2	Haw River	NC	L	E	WS				

Table 12. HCl MACT Floor Option 1B (Medium HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	HCl ppmvd	No. HCl tests	HCl rank	Highest HCl test run
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0.455	6	1	1.35
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	0.708	3	2	2.11
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	0.736	4	3	3.52
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	1.17	6	4	
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	1.27	5	5	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	1.39	5	6	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	1.48	4	7	
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	1.58	4	8	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	2.10	3	9	
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	2.62	4	10	
88	88	Medina General Hospital		Medina	OH	M	E	WS	3.29	4	11	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	4.69	4	12	
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	5.27	3	13	
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	6.26	4	14	
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	8.95	7	15	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	12.3	6	16	
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	27.5	4	17	

Table 13. CO MACT Floor Option 1B (Medium HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	CO ppmvd	No. CO tests	CO rank	Highest CO test run
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	0.679	4	1	1.21
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	0.946	4	2	1.18
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	1.41	3	3	3.75
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	1.50	3	4	
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	1.88	4	5	
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	1.91	4	6	
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	1.97	7	7	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	2.06	6	8	
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	2.08	9	9	
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	2.11	5	10	
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	2.15	3	11	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	3.28	6	12	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	5.363	4	13	
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	6.62	4	14	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	11.6	4	15	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	11.8	5	16	
88	88	Medina General Hospital		Medina	OH	M	E	WS	14.1	4	17	

Table 14. Pb MACT Floor Option 1B (Medium HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Pb mg/dscm	No. Pb tests	Pb rank	Highest Pb test run
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	0.00397	3	1	0.0127
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	0.00406	7	2	0.0219
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	0.00485	1	3	0.00912
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	0.0261	1	4	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	0.0496	3	5	
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0.0996	6	6	
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	0.151	5	7	
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	0.155	1	8	
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	0.164	1	9	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	0.178	2	10	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	0.227	2	11	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	0.262	1	12	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	0.331	1	13	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	0.539	1	14	
88	88	Medina General Hospital		Medina	OH	M	E	WS	0.669	4	15	
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	0.723	1	16	
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	0.973	1	17	

Table 15. Cd MACT Floor Option 1B (Medium HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Cd mg/dscm	No. Cd tests	Cd rank	Highest Cd test run
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	0.00106	7	1	0.00792
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	0.00128	3	2	0.00288
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	0.00152	1	3	0.00223
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	0.00176	1	4	
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	0.00336	1	5	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	0.00366	1	6	
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	0.00408	5	7	
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0.00773	6	8	
88	88	Medina General Hospital		Medina	OH	M	E	WS	0.0109	4	9	
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	0.0139	1	10	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	0.0182	3	11	
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	0.0297	1	12	
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	0.0439	1	13	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	0.0472	1	14	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	0.0474	1	15	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	0.0877	3	16	
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	0.122	1	17	

Table 16. Hg MACT Floor Option 1B (Medium HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Hg mg/dscm	No. Hg tests	Hg rank	Highest Hg test run
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	0.000836	1	1	0.00127
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	0.00124	5	2	0.00980
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	0.00251	1	3	0.0031786
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	0.00254	3	4	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	0.00270	2	5	
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0.00312	6	6	
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	0.00346	1	7	
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	0.00361	2	8	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	0.00395	1	9	
88	88	Medina General Hospital		Medina	OH	M	E	WS	0.00716	4	10	
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	0.00927	7	11	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	0.0108	2	12	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	0.0195	2	13	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	0.0237	3	14	
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	0.0405	1	15	
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	0.109	1	16	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	0.206	1	17	

Table 17. PM MACT Floor Option 1B (Medium HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	PM gr/dscf	No. PM tests	PM rank	Highest PM test run
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	0.00294	3	1	0.00600
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	0.00336	6	2	0.00950
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	0.00399	7	3	0.0157
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	0.00505	4	4	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	0.01159	6	5	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	0.0124	3	6	
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	0.0126	3	7	
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	0.0137	6	8	
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	0.0164	4	9	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	0.0173	4	10	
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	0.0197	4	11	
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0.0216	6	12	
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	0.0239	7	13	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	0.0256	4	14	
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	0.0261	6	15	
88	88	Medina General Hospital		Medina	OH	M	E	WS	0.0267	4	16	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	0.0294	6	17	

Table 18. Total CDD/CDF MACT Floor Option 1B (Medium HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	CDD/CDF ng/dscm	No. CDD/CDF tests	CDD/CDF rank	Highest CDD/CDF test run
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	0.0973	5	1	0.355
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	0.175	1	2	0.230
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0.206	6	3	0.626
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	1.06	1	4	
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	1.28	3	5	
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	3.47	1	6	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	4.10	1	7	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	4.48	2	8	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	6.98	1	9	
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	9.11	2	10	
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	16.3	7	11	
88	88	Medina General Hospital		Medina	OH	M	E	WS	17.2	1	12	
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	27.9	1	13	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	74.0	1	14	
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	76.2	4	15	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	78.2	1	16	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	91.4	1	17	

Table 19. CDD/CDF TEQ MACT Floor Option 1B (Medium HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	TEQ ng/dscm	No. TEQ tests	TEQ rank	Highest TEQ test
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	0.00291	5	1	0.00888
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0.00300	6	2	0.00780
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	0.00424	1	3	0.00523
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	0.0299	1	4	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	0.0409	1	5	
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	0.0457	2	6	
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	0.0509	1	7	
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	0.0967	1	8	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	0.111	1	9	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	0.151	1	10	
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	0.160	2	11	
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	0.193	7	12	
88	88	Medina General Hospital		Medina	OH	M	E	WS	0.458	1	13	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	0.996	1	14	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	1.12	1	15	
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	1.32	3	16	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	1.42	1	17	

Table 20. NO_x HMIWI MACT Floor Option 1B (Medium HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	NO _x ppmvd	No. NO _x tests	NO _x rank	Highest NO _x test run
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	15.0	1	1	21.2
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	84.7	1	2	120
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	87.9	1	3	94.3
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	94.4	1	4	
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	99.8	1	5	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	124	2	6	
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	128	6	7	
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	131	1	8	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	141	1	9	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	148	2	10	
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF				
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF				
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS				
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS				
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS				
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS				
88	88	Medina General Hospital		Medina	OH	M	E	WS				

Table 21. SO₂ MACT Floor Option 1B (Medium HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	SO ₂ ppmvd	No. SO ₂ tests	SO ₂ rank	Highest SO ₂ test run
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	0.336	1	1	0.499
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	0.469	1	2	1.00
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0.932	6	3	4.10
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	1.22	5	4	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	1.80	1	5	
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	1.90	7	6	
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	2.02	1	7	
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	2.46	1	8	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	2.54	2	9	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	2.88	1	10	
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	10.9	1	11	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	11.7	1	12	
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF				
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS				
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS				
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS				
88	88	Medina General Hospital		Medina	OH	M	E	WS				

Table 22. Opacity MACT Floor Option 1B (Medium HMIWI)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Opacity %	No. opacity tests	Opacity rank	Highest opacity test run
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	0	1	1	0
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	0	1	2	0
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	0	1	3	0
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	0	1	4	
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	0	1	5	
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	0	1	6	
47	47	Malcolm Randall Veterans Affairs Medical Center		Gainesville	FL	M	E	WS	0	1	7	
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	0	1	8	
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	0	1	9	
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	0	1	10	
88	88	Medina General Hospital		Medina	OH	M	E	WS	0	1	11	
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	0	1	12	
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	0	1	13	
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	1.46	1	14	
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	3.75	1	15	
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	4.17	1	16	
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF				

Table 23. MACT Floor Option 1B (Small Non-Rural HMIWI; Unit Averages)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Concentration	No. tests	Rank	Highest test run
Hydrogen Chloride, ppmvd												
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	1.03	4	1	3.10
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	1.30	1	2	
Carbon Monoxide, ppmvd												
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	2.27	4	1	7.45
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	12.1	1	2	
Lead, mg/dscm												
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	0.0727	1	1	0.110
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	0.161	4	2	
Cadmium, mg/dscm												
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	0.00256	4	1	0.0113
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	0.00545	1	2	
Mercury, mg/dscm												
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	0.00292	1	1	0.00414
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	0.0114	4	2	
Particulate Matter, gr/dscf												
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	0.00760	1	1	0.0109
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	0.0137	4	2	
Total CDD/CDF, ng/dscm												
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	2.89	1	1	4.50
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS				
CDD/CDF TEQ, ng/dscm												
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	0.00453	1	1	0.00540
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	0.0624	1	2	
Nitrogen Oxides, ppmvd												
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS				
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS				
Sulfur Dioxide, ppmvd												
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS				
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS				
Opacity, %												
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	0	1	1	0
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	0	1	2	

Appendix D
MACT Floor Option 1B (Test Runs)

Table 1. HCl MACT Floor Option 1B (Large HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Parameter	HCl test date	HCl ppmvd
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 1	8/15/00	0.551
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 2	8/15/00	0.314
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 3	8/15/00	0.372
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 1	8/13/02	0.0130
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 2	8/13/02	0.0220
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 3	8/13/02	0.0251
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 1	8/4/03-8/5/03	0.24
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 2	8/4/03-8/5/03	0.29
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 3	8/4/03-8/5/03	0.30
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 1	8/14/06-8/15/06	0.03
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 2	8/14/06-8/15/06	0.01
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 3	8/14/06-8/15/06	0.11
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 1	8/21/00-8/24/00	0.404
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 2	8/21/00-8/24/00	0.373
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 3	8/21/00-8/24/00	0.863
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 1	8/14/02-8/15/02	0.0895
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 2	8/14/02-8/15/02	0.0358
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 3	8/14/02-8/15/02	0.0451
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 1	8/6/03	0.39
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 2	8/6/03	0.63
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 3	8/6/03	0.68
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 1	8/8/06	0.11
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 2	8/8/06	0.00
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 3	8/8/06	0.62
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 1	7/30/02-7/31/02	0.290
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 2	7/30/02-7/31/02	0.250
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 3	7/30/02-7/31/02	0.221
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 1	7/29/03	2.8
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 2	7/29/03	1.7
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 3	7/29/03	0.5
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 1	7/27/04	0.4
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 2	7/27/04	0.4
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 3	7/27/04	0.2
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 1	7/12/07	0.0159
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 2	7/12/07	0.0159
106	106	Stericycle, Inc.		Kansas City	KS	L	E	WS	Run 3	7/12/07	0.0168
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 1	10/23/01	0.156
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 2	10/23/01	0.0790
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 3	10/23/01	0.156
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 1	3/25/03	0.156
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 2	3/25/03	0.477
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 3	3/25/03	0.422
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 1	3/19/04	0.216
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 2	3/19/04	0.216
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 3	3/19/04	0.233
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 1	3/30/05	0.0209
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 2	3/30/05	1.27
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 3	3/30/05	1.91
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 1	3/21/06	1.28
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 2	3/21/06	1.29
44	44	Bethesda Memorial Hospital		Boynton Beach	FL	L	E	WS	Run 3	3/21/06	1.24
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 1	11/14/02-11/15/02	0.280
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 2	11/14/02-11/15/02	0.244
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 3	11/14/02-11/15/02	0.227
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 1	11/13/03	3.0
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 2	11/13/03	0.6
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 3	11/13/03	0.4
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 1	11/10/04	0.6
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 2	11/10/04	0.5
94	94	Stericycle, Inc.		Warren	OH	L	E	WS	Run 3	11/10/04	0.1

Table 2. CO MACT Floor Option 1B (Large HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Parameter	CO test date	CO ppmvd
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 1	8/15/00	0.0550
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 2	8/15/00	0.116
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 3	8/15/00	1.0
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 1	8/13/02	0.793
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 2	8/13/02	1.13
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 3	8/13/02	2.54
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 1	8/4/03-8/5/03	1.0
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 2	8/4/03-8/5/03	0.29
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 3	8/4/03-8/5/03	1.0
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 1	8/14/06-8/15/06	0.53
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 2	8/14/06-8/15/06	1.0
20	20--1	Fort Detrick	Unit 5	Fort Detrick	MD	L	E	WS	Run 3	8/14/06-8/15/06	1.0
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 1	1/14/03-1/16/03	1.0
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 2	1/14/03-1/16/03	1.0
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 3	1/14/03-1/16/03	1.0
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 1	12/9/04	1.0
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 2	12/9/04	1.0
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 3	12/9/04	0.9
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	Run 1	5/7/08-5/8/08	1.0
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	Run 2	5/7/08-5/8/08	1.0
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	Run 3	5/7/08-5/8/08	1.0

36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	8/2/01-8/3/01	1.20
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	8/2/01-8/3/01	3.90
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	8/2/01-8/3/01	3.30
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	5/24/02	0.2
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	5/24/02	0.2
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	5/24/02	0.2
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	4/24/03-4/25/03	1.0
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	4/24/03-4/25/03	0.2
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	4/24/03-4/25/03	0.2
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	4/23/04	1.6
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	4/23/04	0.7
36	36--2	Merck & Company, Inc.	Unit 5	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	4/23/04	0.1
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 1	8/21/00-8/24/00	0.0421
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 2	8/21/00-8/24/00	0.0458
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 3	8/21/00-8/24/00	1.0
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 1	8/14/02-8/15/02	4.05
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 2	8/14/02-8/15/02	1.0
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 3	8/14/02-8/15/02	1.31
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 1	8/6/03	2.54
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 2	8/6/03	1.0
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 3	8/6/03	1.0
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 1	8/8/06	0.05
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 2	8/8/06	1.0
20	20--2	Fort Detrick	Unit 6	Fort Detrick	MD	L	E	WS	Run 3	8/8/06	1.0

Table 3. Pb MACT Floor Option 1B (Large HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Parameter	Pb test date	Pb mg/dscm
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 1	1/20/00-1/21/00	0.000361
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 2	1/20/00-1/21/00	0.000256
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 3	1/20/00-1/21/00	0.000272
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	10/24/01-10/26/01	0.00494
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	10/24/01-10/26/01	0.00180
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	10/24/01-10/26/01	0.000752
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	5/4/04-5/7/04	0.000311
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	5/4/04-5/7/04	0.000270
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	5/4/04-5/7/04	0.000169
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	4/25/06-5/3/06	0.00133
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	4/25/06-5/3/06	0.000320
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	4/25/06-5/3/06	0.000435
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 1	7/24/01	0.00205
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 2	7/24/01	0.00273
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 3	7/24/01	0.00111
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 1	9/24/03-9/25/03	0.00521
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 2	9/24/03-9/25/03	0.00136
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 3	9/24/03-9/25/03	0.00762
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 1	1/10/01-1/11/01	0.00322
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 2	1/10/01-1/11/01	0.00905
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 3	1/10/01-1/11/01	0.00204
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 1	2/7/06	0.00578
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 2	2/7/06	0.00495
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 3	2/7/06	0.00306
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 1	2/27/02	0.00454
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 2	2/27/02	0.00267
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 3	2/27/02	0.00271
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 1	2/18/04-2/19/04	0.0150
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 2	2/18/04-2/19/04	0.00242
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 3	2/18/04-2/19/04	0.00206
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 1	2/23/06-2/24/06	0.00651
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 2	2/23/06-2/24/06	0.00417
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 3	2/23/06-2/24/06	0.00520

Table 4. Cd MACT Floor Option 1B (Large HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Parameter	Cd test date	Cd mg/dscm
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 1	1/20/00-1/21/00	0.000105
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 2	1/20/00-1/21/00	0.000102
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 3	1/20/00-1/21/00	0.000109
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 1	7/24/01	0.000492
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 2	7/24/01	0.000377
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 3	7/24/01	0.000442
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 1	9/24/03-9/25/03	0.000449
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 2	9/24/03-9/25/03	0.000253
60	60--1	BMWNC, Inc.	Unit 1	Matthews	NC	L	E	DIFF	Run 3	9/24/03-9/25/03	0.00118
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	10/24/01-10/26/01	0.00649
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	10/24/01-10/26/01	0.000458
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	10/24/01-10/26/01	0.000270
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	5/4/04-5/7/04	0.000117
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	5/4/04-5/7/04	0.0000732
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	5/4/04-5/7/04	0.000183
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	4/25/06-5/3/06	0.0000229
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	4/25/06-5/3/06	0.0000458
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	4/25/06-5/3/06	0.0000183
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 1	2/27/02	0.00135
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 2	2/27/02	0.000657
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 3	2/27/02	0.000546
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 1	2/18/04-2/19/04	0.00148
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 2	2/18/04-2/19/04	0.00112
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 3	2/18/04-2/19/04	0.000497
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 1	2/23/06-2/24/06	0.000674
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 2	2/23/06-2/24/06	0.000820
15	15--1	Curtis Bay Energy	Unit 1	Baltimore	MD	L	E	DIFF	Run 3	2/23/06-2/24/06	0.000830
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	9/20/02	0.000193
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	9/20/02	0.000203
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	9/20/02	0.000117
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	10/15/02-10/16/02	0.00101
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	10/15/02-10/16/02	0.00124
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	10/15/02-10/16/02	0.00130
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	1/17/03	0.0000979
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	1/17/03	0.000105
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	1/17/03	0.0000759
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	11/10/04	0.001
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	11/10/04	0.001
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	11/10/04	0.001
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	12/4/06-12/9/06	0.002
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	12/4/06-12/9/06	0.002
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	12/4/06-12/9/06	0.002

Table 5. Hg MACT Floor Option 1B (Large HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Category	New/existing	APCD code	Parameter	Hg test date	Hg mg/dscm
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 1	1/14/03-1/16/03	0.000658
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 2	1/14/03-1/16/03	0.000781
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 3	1/14/03-1/16/03	0.000646
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	Run 1	11/7/00	0.000366
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	Run 2	11/7/00	0.000610
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	Run 3	11/7/00	0.00129
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	Run 1	9/20/05-9/22/05	0.0016
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	Run 2	9/20/05-9/22/05	0.0016
54	54	Bayfront Medical Center		St. Petersburg	FL	L	E	WS	Run 3	9/20/05-9/22/05	0.0022
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 1	1/20/00-1/21/00	0.00163
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 2	1/20/00-1/21/00	0.00159
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 3	1/20/00-1/21/00	0.00169
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 1	8/29/00	0.00204
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 2	8/29/00	0.00174
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 3	8/29/00	0.00105
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 1	8/8/05	0.0019
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 2	8/8/05	0.0029
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 3	8/8/05	0.005
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	10/24/01-10/26/01	0.000105
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	10/24/01-10/26/01	0.00154
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	10/24/01-10/26/01	0.000290
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	5/4/04-5/7/04	0.00277
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	5/4/04-5/7/04	0.00336
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	5/4/04-5/7/04	0.000195
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	4/25/06-5/3/06	0.00412
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	4/25/06-5/3/06	0.0124
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	4/25/06-5/3/06	0.00275

Table 6. PM MACT Floor Option 1B (Large HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	Parameter	PM test date	PM gr/dscf
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 1	1/10/01-1/11/01	0.00132
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 2	1/10/01-1/11/01	0.000975
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 3	1/10/01-1/11/01	0.000362
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 1	11/21/05-11/22/05	0.000297
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 2	11/21/05-11/22/05	0.000303
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 3	11/21/05-11/22/05	0.000714
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 1	11/2/06	0.000282
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 2	11/2/06	0.00265
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 3	11/2/06	0.000578
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 1	11/14/07	0.00414
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 2	11/14/07	0.000795
40	40	Charleston Area Medical Center, General Hospital		Charleston	WV	L	E	DIFF	Run 3	11/14/07	0.000308
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 1	8/6/02	0.000415
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 2	8/6/02	0.000378
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 3	8/6/02	0.000511
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 1	7/17/03	0.0009
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 2	7/17/03	0.0004
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 3	7/17/03	0.0004
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 1	7/16/04	0.0011
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 2	7/16/04	0.0018
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 3	7/16/04	0.003
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 1	7/24/06	0.0019
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 2	7/24/06	0.0022
55	55	St. Joseph's Hospital		Tampa	FL	L	E	DIFF/WS	Run 3	7/24/06	0.0003
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	10/24/01-10/26/01	0.00236
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	10/24/01-10/26/01	0.00583
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	10/24/01-10/26/01	0.00164
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	5/4/04-5/7/04	0.0008
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	5/4/04-5/7/04	0.0001
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	5/4/04-5/7/04	0.0001
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	4/25/06-5/3/06	0.0017
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	4/25/06-5/3/06	0.0010
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	4/25/06-5/3/06	0.0005
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 1	2/15/02	0.00389
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 2	2/15/02	0.00214
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 3	2/15/02	0.00201
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 4	2/15/02	0.00290
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 1	2/13/03	0.00048
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 2	2/13/03	0.00019
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 3	2/13/03	0.00019
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 1	2/10/04-2/12/04	0.00135
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 2	2/10/04-2/12/04	0.00016
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 3	2/10/04-2/12/04	0.00048
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 1	2/9/06	0.00387
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 2	2/9/06	0.00396
29	29	Hamot Medical Center		Erie	PA	L	E	DIFF/WS	Run 3	2/9/06	0.00195
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 1	1/14/03-1/16/03	0.00460
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 2	1/14/03-1/16/03	0.00107
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 3	1/14/03-1/16/03	0.00217
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 1	12/9/04	0.00120
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 2	12/9/04	0.00125
1	1	Bristol-Myers Squibb Co.		Wallingford	CT	L	E	FF	Run 3	12/9/04	0.000533

Table 7. Total CDD/CDF MACT Floor Option 1B (Large HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	Parameter	CDD/CDF test date	CDD/CDF-ng/dscm
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	9/18/02-9/20/02	0.187
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	9/18/02-9/20/02	0.150
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	9/18/02-9/20/02	0.0975
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	10/15/02-10/17/02	0.431
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	10/15/02-10/17/02	0.275
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	10/15/02-10/17/02	0.206
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	11/10/04	0.009
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	11/10/04	0.004
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	11/10/04	0.005
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 1	2/20/01-2/21/01	0.954
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 2	2/20/01-2/21/01	1.13
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 3	2/20/01-2/21/01	0.486
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 1	7/1/03	0.297
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 2	7/1/03	0.0915
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 3	7/1/03	0.0915
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 1	12/20/06-12/21/06	0.074
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 2	12/20/06-12/21/06	0.041
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 3	12/20/06-12/21/06	0.043
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 1	1/20/00-1/21/00	0.456
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 2	1/20/00-1/21/00	0.247
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 3	1/20/00-1/21/00	0.232
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 1	2/4/02-2/5/02	0.978
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 2	2/4/02-2/5/02	0.311
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 3	2/4/02-2/5/02	0.0558
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	10/9/02-10/10/02	0.849
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/9/02-10/10/02	0.532
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/9/02-10/10/02	0.309
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	10/21/02-10/23/02	1.57
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/21/02-10/23/02	0.443
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/21/02-10/23/02	0.749
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	10/27/04	0.008
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/27/04	0.009
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/27/04	0.017
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	Run 1	5/7/08-5/8/08	0.716
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	Run 2	5/7/08-5/8/08	0.682
130	130	Department of Veterans Affairs Medical Center		Miami	FL	L	E	WS	Run 3	5/7/08-5/8/08	0.598

Table 8. CDD/CDF TEQ MACT Floor Option 1B (Large HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	Parameter	TEQ test date	TEQ ng/dscm
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	9/18/02-9/20/02	0.00517
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	9/18/02-9/20/02	0.00892
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	9/18/02-9/20/02	0.00329
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	10/15/02-10/17/02	0.00725
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	10/15/02-10/17/02	0.00612
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	10/15/02-10/17/02	0.00817
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	11/10/04	0.001
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	11/10/04	0.001
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	11/10/04	0.001
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	12/4/06-12/9/06	0.00121
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	12/4/06-12/9/06	0.00114
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	12/4/06-12/9/06	0.00104
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 1	1/20/00-1/21/00	0.00408
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 2	1/20/00-1/21/00	0.00450
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 3	1/20/00-1/21/00	0.00267
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 1	2/4/02-2/5/02	0.0132
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 2	2/4/02-2/5/02	0.00539
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 3	2/4/02-2/5/02	0.00201
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	10/9/02-10/10/02	0.0116
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/9/02-10/10/02	0.0105
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/9/02-10/10/02	0.00991
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	10/21/02-10/23/02	0.0201
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/21/02-10/23/02	0.0100
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/21/02-10/23/02	0.0115
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	10/27/04	0.003
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/27/04	0.001
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/27/04	0.002
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	11/28/06-12/2/06	0.00767
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	11/28/06-12/2/06	0.00112
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 4	11/28/06-12/2/06	0.00839
65	65--1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	Run 1	6/24/02-6/25/02	0.00585
65	65--1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	Run 2	6/24/02-6/25/02	0.0131
65	65--1	Stericycle, Inc.	Unit 1	Clinton	IL	L	E	WS	Run 3	6/24/02-6/25/02	0.0125
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 1	2/20/01-2/21/01	0.0192
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 2	2/20/01-2/21/01	0.0336
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 3	2/20/01-2/21/01	0.0148
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 1	7/1/03	0.0183
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 2	7/1/03	0.00458
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 3	7/1/03	0.00458
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 1	12/20/06-12/21/06	0.006
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 2	12/20/06-12/21/06	0.002
84	84	Mayo Clinic, Waste Management Facility		Rochester	MN	L	E	DIFF	Run 3	12/20/06-12/21/06	0.002

Table 9. NO_x MACT Floor Option 1B (Large HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	Parameter	NO _x test date	NO _x ppmvd
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 1	1/20/00-1/21/00	54.7
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 2	1/20/00-1/21/00	70.0
125	125	East Carolina University, Health Sciences Campus, HSC Utility Plant		Greenville	NC	L	N	CA/WS	Run 3	1/20/00-1/21/00	76.1
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 1	10/16/02-10/17/02	80.7
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 2	10/16/02-10/17/02	80.7
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 3	10/16/02-10/17/02	80.7
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 1	11/10/05	63.2
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 2	11/10/05	48.1
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 3	11/10/05	53.8
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	10/8/02-10/9/02	58.1
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/8/02-10/9/02	47.0
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/8/02-10/9/02	63.2
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	10/21/02	42.7
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/21/02	62.1
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/21/02	67.8
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	10/27/04	78.0
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	10/27/04	98.1
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 4	10/27/04	145
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	12/12/05-12/15/05	54.2
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	12/12/05-12/15/05	60.1
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	12/12/05-12/15/05	56.6
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 2	11/28/06-12/2/06	74.6
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 4	11/28/06-12/2/06	100
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 5	11/28/06-12/2/06	91.4
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 1	11/28/07-11/30/07	72.97
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 3	11/28/07-11/30/07	77.47
120	120--1	Municipality of Chambers County, Resource Recovery Center	Unit 1	Anahuac	TX	L	N	DIFF	Run 4	11/28/07-11/30/07	53.16
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 1	8/29/00	59.8
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 2	8/29/00	59.8
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 3	8/29/00	62.9
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 1	8/8/05	109
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 2	8/8/05	93.9
51	51	Lakeland Regional Medical Center		Lakeland	FL	L	E	DIFF	Run 3	8/8/05	77.8
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	Run 1	3/11/03-3/12/03	73.8
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	Run 2	3/11/03-3/12/03	78.2
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	Run 3	3/11/03-3/12/03	84.8

Table 10. SO₂ MACT Floor Option 1B (Large HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	Parameter	SO ₂ test date	SO ₂ ppmvd
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	9/20/02	0.896
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	9/20/02	0.886
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	9/20/02	0.933
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	10/15/02-10/16/02	0.952
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	10/15/02-10/16/02	0.943
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	10/15/02-10/16/02	1.02
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	11/10/04	0.2
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	11/10/04	0.2
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	11/10/04	0.2
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	12/5/05-12/8/05	0.2
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	12/5/05-12/8/05	0.2
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	12/5/05-12/8/05	0.2
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	12/4/06-12/9/06	0.02
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	12/4/06-12/9/06	1.26
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 4	12/4/06-12/9/06	0.02
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 1	12/3/07-12/5/07	0.06
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 2	12/3/07-12/5/07	0.06
120	120--2	Municipality of Chambers County, Resource Recovery Center	Unit 2	Anahuac	TX	L	N	DIFF	Run 3	12/3/07-12/5/07	0.06
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 1	11/13/01-11/15/01	1.0
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 2	11/13/01-11/15/01	0.209
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 3	11/13/01-11/15/01	0.784
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 1	11/13/01-11/15/01	1.0
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 2	11/13/01-11/15/01	1.01
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 3	11/13/01-11/15/01	1.35
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 1	11/2/04-11/3/04	0.46
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 2	11/2/04-11/3/04	0.78
71	71	Loyola University Medical Center		Maywood	IL	L	E	WS	Run 3	11/2/04-11/3/04	0.77
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	Run 1	3/11/03-3/12/03	1.00
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	Run 2	3/11/03-3/12/03	1.56
98	98--1	University of Texas Medical Branch		Galveston	TX	L	E	WS	Run 3	3/11/03-3/12/03	0.787
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	10/24/01	1.0
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	10/24/01	0.143
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	10/24/01	1.0
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	5/4/04-5/7/04	3.0
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	5/4/04-5/7/04	1.0
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	5/4/04-5/7/04	1.0
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 1	4/25/06-5/3/06	1.0
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 2	4/25/06-5/3/06	1.0
36	36--1	Merck & Company, Inc.	Unit 2	West Point (Upper Gwynedd Township)	PA	L	E	DIFF	Run 3	4/25/06-5/3/06	1.0
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 1	10/16/02	1.48
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 2	10/16/02	0.911
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 3	10/16/02	0.304
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 1	11/10/05	2.59
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 2	11/10/05	0.39
46	46	Holy Cross Hospital		Fort Lauderdale	FL	L	E	WS	Run 3	11/10/05	1.31

Table 11. HCl MACT Floor Option 1B (Medium HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	Parameter	HCl test date	HCl ppmvd
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	10/01/02-10/03/02	0.266
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	10/01/02-10/03/02	0.535
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	10/01/02-10/03/02	1.00
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/23/03-9/25/03	0.4
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/23/03-9/25/03	0.45
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/23/03-9/25/03	0.4
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/28/04-9/30/04	0.63
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/28/04-9/30/04	1.35
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/28/04-9/30/04	0.61
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	8/31/05-9/1/05	0.47
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	8/31/05-9/1/05	1.27
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	8/31/05-9/1/05	0.49
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	8/15/06-8/17/06	0.02
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	8/15/06-8/17/06	0.02
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	8/15/06-8/17/06	0.02
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/17/07-9/19/07	0.0180
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/17/07-9/19/07	0.0155
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/17/07-9/19/07	0.223
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 1	9/24/03-9/25/03	0.559
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 2	9/24/03-9/25/03	0.738
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 3	9/24/03-9/25/03	2.11
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 1	9/14/04	0.5
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 2	9/14/04	0.5
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 3	9/14/04	0.7
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 4	9/14/04	0.7
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 1	9/21/05	0.316
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 2	9/21/05	0.457
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 3	9/21/05	0.390
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	Run 1	4/23/02	0.409
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	Run 2	4/23/02	0.365
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	Run 3	4/23/02	0.554
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	Run 1	4/24/03	0.42
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	Run 2	4/24/03	0.47
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	Run 3	4/24/03	0.46
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	Run 1	4/15/04	0.34
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	Run 2	4/15/04	0.37
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	Run 3	4/15/04	0.31
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	Run 1	5/30/07	0.86
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	Run 2	5/30/07	3.52
25	25	Holy Spirit Hospital		Camp Hill	PA	M	E	WS	Run 3	5/30/07	0.76

Table 12. CO MACT Floor Option 1B (Medium HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/ existing	APCD code	Parameter	CO test date	CO ppmvd
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 1	10/24/02	1.0
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 2	10/24/02	0.234
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 3	10/24/02	0.332
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 1	10/22/03	0.81
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 2	10/22/03	1.0
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 3	10/22/03	0.06
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 1	9/23/04	1.12
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 2	9/23/04	0.61
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 3	9/23/04	0.38
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 1	9/19/07	1.21
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 2	9/19/07	0.47
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 3	9/19/07	0.92
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 1	9/12/01	1.18
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 2	9/12/01	0.584
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 3	9/12/01	0.584
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 1	10/2/02-10/3/02	1.0
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 2	10/2/02-10/3/02	1.0
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 3	10/2/02-10/3/02	1.0
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 1	9/1/03	1.0
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 2	9/1/03	1.0
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 3	9/1/03	1.0
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 1	11/28/06	1.0
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 2	11/28/06	1.0
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 3	11/28/06	1.0
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	Run 1	3/13/03	0.0854
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	Run 2	3/13/03	0.986
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	Run 3	3/13/03	0.515
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	Run 1	5/20/04	0.832
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	Run 2	5/20/04	1.46
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	Run 3	5/20/04	3.75
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	Run 1	5/19/05	1.9
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	Run 2	5/19/05	1.5

Table 13. Pb MACT Floor Option 1B (Medium HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/ existing	APCD code	Parameter	Pb test date	Pb mg/dscm
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 1	7/14/00	0.00101
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 2	7/14/00	0.000848
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 3	7/14/00	0.00129
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 1	8/17/04	0.00396
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 2	8/17/04	0.00277
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 3	8/17/04	0.00416
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 1	8/15/06	0.00625
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 2	8/15/06	0.00277
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 3	8/15/06	0.0127
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	10/9/01-10/10/01	0.00536
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	10/9/01-10/10/01	0.00423
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	10/9/01-10/10/01	0.00216
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/10/02-9/11/02	0.0048
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/10/02-9/11/02	0.0038
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/10/02-9/11/02	0.0031
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	10/14/03-10/16/03	0.0024
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	10/14/03-10/16/03	0.0015
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	10/14/03-10/16/03	0.0021
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/14/04-9/15/04	0.0049
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/14/04-9/15/04	0.0021
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/14/04-9/15/04	0.0011
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/13/05-9/14/05	0.00395
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/13/05-9/14/05	0.00173
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/13/05-9/14/05	0.00334
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/19/06-9/20/06	0.0219
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/19/06-9/20/06	0.00381
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/19/06-9/20/06	0.00322
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	10/2/07-10/3/07	0.0039
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	10/2/07-10/3/07	0.0031
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	10/2/07-10/3/07	0.0028
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 1	10/24/02	0.00912
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 2	10/24/02	0.00392
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 3	10/24/02	0.00151

Table 14. Cd MACT Floor Option 1B (Medium HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/ existing	APCD code	Parameter	Cd test date	Cd mg/dscm
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	10/9/01-10/10/01	0.000326
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	10/9/01-10/10/01	0.000368
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	10/9/01-10/10/01	0.000267
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/10/02-9/11/02	0.00020
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/10/02-9/11/02	0.00019
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/10/02-9/11/02	0.00026
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	10/14/03-10/16/03	0.00015
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	10/14/03-10/16/03	0.00006
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	10/14/03-10/16/03	0.00013
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/14/04-9/15/04	0.00469
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/14/04-9/15/04	0.00642
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/14/04-9/15/04	0.00792
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/13/05-9/14/05	0.0000951
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/13/05-9/14/05	0.0000559
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/13/05-9/14/05	0.0000557
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/19/06-9/20/06	0.000299
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/19/06-9/20/06	0.000158
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/19/06-9/20/06	0.000200
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	10/2/07-10/3/07	0.00018
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	10/2/07-10/3/07	0.00016
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	10/2/07-10/3/07	0.00014
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 1	7/14/00	0.000321
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 2	7/14/00	0.000339
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 3	7/14/00	0.000831
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 1	8/17/04	0.00139
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 2	8/17/04	0.00236
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 3	8/17/04	0.00288
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 1	8/15/06	0.000291
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 2	8/15/06	0.00284
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 3	8/15/06	0.000281
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 1	10/24/02	0.00109
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 2	10/24/02	0.00223
63	63	St. Jude Children's Research Hospital		Memphis	TN	M	E	DIFF	Run 3	10/24/02	0.00123

Table 15. Hg MACT Floor Option 1B (Medium HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/ existing	APCD code	Parameter	Hg test date	Hg mg/dscm
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	Run 1	8/13/03-8/14/03	0.000614
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	Run 2	8/13/03-8/14/03	0.000623
21	21	Washington County Hospital		Hagerstown	MD	M	E	WS	Run 3	8/13/03-8/14/03	0.00127
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/12/00	0.000882
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/12/00	0.000745
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/12/00	0.000921
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	3/15/01-3/16/01	0.000780
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	3/15/01-3/16/01	0.000939
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	3/15/01-3/16/01	0.00980
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/16/02-4/18/02	0.000277
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/16/02-4/18/02	0.000771
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/16/02-4/18/02	0.000252
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/23/03-4/24/03	0.00165
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/23/03-4/24/03	0.0000252
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/23/03-4/24/03	0.0000229
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/13/04-4/14/04	0.000101
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/13/04-4/14/04	0.00103
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/13/04-4/14/04	0.000372
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	Run 1	1/17/02	0.00192
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	Run 2	1/17/02	0.00318
82	82	Good Samaritan Hospital		Vincennes	IN	M	E	WS	Run 3	1/17/02	0.00242

Table 16. PM MACT Floor Option 1B (Medium HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	Parameter	PM test date	PM gr/dscf
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 1	7/12/00	0.000386
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 2	7/12/00	0.000554
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 3	7/12/00	0.000558
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 1	8/18/04	0.006
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 2	8/18/04	0.003
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 3	8/18/04	0.004
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 1	8/15/06	0.004
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 2	8/15/06	0.006
95	95	St. Joseph's Hospital		Marshfield	WI	M	E	DIFF	Run 3	8/15/06	0.002
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 1	12/4/01	0.00407
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 2	12/4/01	0.00481
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 3	12/4/01	0.00407
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 1	11/18/03	0.0095
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 2	11/18/03	0.0033
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 3	11/18/03	0.0035
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 1	11/23/04	0.0006
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 2	11/23/04	0.0019
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 3	11/23/04	0.0025
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 1	11/22/05	0.0026
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 2	11/22/05	0.0029
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 3	11/22/05	0.0041
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 1	11/28/06	0.0023
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 2	11/28/06	0.0039
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 3	11/28/06	0.0028
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 1	11/21/07	0.0021
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 2	11/21/07	0.0023
111	111	Wyoming Medical Center		Casper	WY	M	E	WS	Run 3	11/21/07	0.0032
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	10/9/01-10/10/01	0.00567
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	10/9/01-10/10/01	0.00781
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	10/9/01-10/10/01	0.00575
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/10/02-9/11/02	0.0047
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/10/02-9/11/02	0.0157
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/10/02-9/11/02	0.0047
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	10/14/03-10/16/03	0.00489
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	10/14/03-10/16/03	0.00427
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	10/14/03-10/16/03	0.00431
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	11/10/04	0.00108
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	11/10/04	0.00111
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	11/10/04	0.00105
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/13/05-9/14/05	0.00372
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/13/05-9/14/05	0.00533
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/13/05-9/14/05	0.00536
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	9/19/06-9/20/06	0.000699
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	9/19/06-9/20/06	0.00102
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	9/19/06-9/20/06	0.000606
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 1	10/1/07	0.002
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 2	10/1/07	0.003
38	38	Wilkes-Barre General Hospital		Wilkes-Barre	PA	M	N	DIFF	Run 3	10/1/07	0.001

Table 17. Total CDD/CDF MACT Floor Option 1B (Medium HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	Parameter	CDD/CDF test date	CDD/CDF-ng/dscm
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/12/00-4/13/00	0.0856
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/12/00-4/13/00	0.0766
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/12/00-4/13/00	0.0394
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	3/15/01-3/16/01	0.150
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	3/15/01-3/16/01	0.142
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	3/15/01-3/16/01	0.0771
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/16/02-4/18/02	0.0906
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/16/02-4/18/02	0.0952
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/16/02-4/18/02	0.0918
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/22/03-4/24/03	0.027
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/22/03-4/24/03	0.023
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/22/03-4/24/03	0.355
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/13/04-4/15/04	0.0687
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/13/04-4/15/04	0.0458
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/13/04-4/15/04	0.0915
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 1	9/10/01-9/11/01	0.159
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 2	9/10/01-9/11/01	0.230
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 3	9/10/01-9/11/01	0.134
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	10/01/02-10/03/02	0.0588
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	10/01/02-10/03/02	0.105
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	10/01/02-10/03/02	0.0892
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/23/03	0.0802
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/23/03	0.156
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/23/03	0.177
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/28/04	0.626
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/28/04	0.515
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/28/04	0.140
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	8/30/05	0.303
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	8/30/05	0.55
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	8/30/05	0.373
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	8/15/06-8/17/06	0.083
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	8/15/06-8/17/06	0.094
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	8/15/06-8/17/06	0.187
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/17/07, 9/19/07	0.0623
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/17/07, 9/19/07	0.0839
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/17/07, 9/19/07	0.0206

Table 18. CDD/CDF TEQ MACT Floor Option 1B (Medium HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/ existing	APCD code	Parameter	TEQ test date	TEQ ng/dscm
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/12/00-4/13/00	0.00184
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/12/00-4/13/00	0.00154
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/12/00-4/13/00	0.000982
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	3/15/01-3/16/01	0.00277
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	3/15/01-3/16/01	0.00232
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	3/15/01-3/16/01	0.00176
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/16/02-4/18/02	0.00421
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/16/02-4/18/02	0.00391
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/16/02-4/18/02	0.00650
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/22/03-4/24/03	0.00103
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/22/03-4/24/03	0.00098
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/22/03-4/24/03	0.00888
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 1	4/13/04-4/15/04	0.00215
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 2	4/13/04-4/15/04	0.00225
34	34	Pennsylvania State University, Animal Diagnostic Lab Incinerator		State College	PA	M	E	WS	Run 3	4/13/04-4/15/04	0.00247
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	10/01/02-10/03/02	0.00181
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	10/01/02-10/03/02	0.00201
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	10/01/02-10/03/02	0.00198
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/23/03	0.0012
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/23/03	0.0028
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/23/03	0.0031
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/28/04	0.0058
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/28/04	0.004
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/28/04	0.0009
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	8/30/05	0.0012
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	8/30/05	0.0078
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	8/30/05	0.0071
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	8/15/06-8/17/06	0.0026
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	8/15/06-8/17/06	0.0027
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	8/15/06-8/17/06	0.0059
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/17/07, 9/19/07	0.00213
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/17/07, 9/19/07	0.000882
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/17/07, 9/19/07	0.0000700
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 1	9/10/01-9/11/01	0.00523
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 2	9/10/01-9/11/01	0.00463
41	41	Thomas Memorial Hospital		South Charleston	WV	M	E	WS	Run 3	9/10/01-9/11/01	0.00287

Table 19. NO_x HMIWI MACT Floor Option 1B (Medium HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/ existing	APCD code	Parameter	NO _x test date	NO _x ppmvd
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	Run 1	2/21/01	21.2
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	Run 2	2/21/01	16.8
81	81	South Bend Medical Foundation		South Bend	IN	M	E	WS	Run 3	2/21/01	6.85
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	Run 1	1/22/02-1/23/02	98.8
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	Run 2	1/22/02-1/23/02	35.0
18	18	Franklin Square Hospital Center		Baltimore	MD	M	E	WS	Run 3	1/22/02-1/23/02	120
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	Run 1	11/27/01-11/28/01	94.3
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	Run 2	11/27/01-11/28/01	84.6
16	16	Johns Hopkins Medical Institute, Department of Health, Safety, and Environment		Baltimore	MD	M	E	WS	Run 3	11/27/01-11/28/01	84.9

Table 20. SO₂ HMIWI MACT Floor Option 1B (Medium HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	Parameter	SO ₂ test date	SO ₂ ppmvd
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	Run 1	3/11/03, 3/13/03-3/14/03	0.264
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	Run 2	3/11/03, 3/13/03-3/14/03	0.499
30	30	Riddle Memorial Hospital		Media	PA	M	E	WS	Run 3	3/11/03, 3/13/03-3/14/03	0.246
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 1	9/24/03-9/25/03	1.0
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 2	9/24/03-9/25/03	0.101
13	13	University of Maryland at Baltimore, Environmental Health and Safety Facility		Baltimore	MD	M	E	WS	Run 3	9/24/03-9/25/03	0.305
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	10/01/02	0.366
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	10/01/02	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	10/01/02	0.136
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 4	10/01/02	0.545
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 5	10/01/02	0.724
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 6	10/01/02	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 7	10/01/02	0.158
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 8	10/01/02	0.625
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 9	10/01/02	0.474
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/24/03	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/24/03	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/24/03	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 4	9/24/03	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 5	9/24/03	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 6	9/24/03	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 7	9/24/03	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	9/28/04	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	9/28/04	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	9/28/04	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 4	9/28/04	0.2
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 5	9/28/04	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 6	9/28/04	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 7	9/28/04	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 8	9/28/04	0.8
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 9	9/28/04	4.1
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 10	9/28/04	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 11	9/28/04	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 12	9/28/04	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 14	9/28/04	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 15	9/28/04	2.5
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 1	8/30/05	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 2	8/30/05	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 3	8/30/05	0.4
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 4	8/30/05	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 5	8/30/05	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 6	8/30/05	1.0
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 7	8/30/05	1.6
108	108--1	Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases	Unit 1	Hamilton	MT	M	E	WS	Run 8	8/30/05	0.5

Table 21. MACT Floor Option 1B (Small Non-Rural HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	Parameter	Test date	Concen-tration
Hydrogen Chloride, ppmvd											
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 1	11/5/02	1.83
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 2	11/5/02	0.210
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 3	11/5/02	0.275
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 1	10/28/03	2.6
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 2	10/28/03	2.1
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 3	10/28/03	3.1
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 1	12/1/04	0.3
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 2	12/1/04	0.5
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 3	12/1/04	1.3
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 1	11/29/07	0.034
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 2	11/29/07	0.035
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 3	11/29/07	0.033
Carbon Monoxide, ppmvd											
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 1	11/5/02-11/6/02	0.278
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 2	11/5/02-11/6/02	7.45
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 3	11/5/02-11/6/02	0.681
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 1	10/28/03	2.29
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 2	10/28/03	1.05
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 3	10/28/03	0.56
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 1	12/1/04	1.71
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 2	12/1/04	2.12
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 3	12/1/04	3.06
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 1	11/29/07	3.35
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 2	11/29/07	2.76
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 3	11/29/07	1.93
Lead, mg/dscm											
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	Run 1	12/7/06-12/8/06	0.0569
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	Run 2	12/7/06-12/8/06	0.0507
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	Run 3	12/7/06-12/8/06	0.110
Cadmium, mg/dscm											
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 1	11/6/02-11/7/02	0.00118
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 2	11/6/02-11/7/02	0.00147
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 3	11/6/02-11/7/02	0.00158
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 1	10/28/03	0.0113
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 2	10/28/03	0.0036
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 3	10/28/03	0.0024
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 1	12/1/04	0.0012
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 2	12/1/04	0.0014
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 3	12/1/04	0.0006
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 1	11/29/07	0.000567
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 2	11/29/07	0.00313
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 3	11/29/07	0.00225
Mercury, mg/dscm											
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	Run 1	12/7/06-12/8/06	0.00131
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	Run 2	12/7/06-12/8/06	0.00332
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	Run 3	12/7/06-12/8/06	0.00414
Particulate Matter, gr/dscf											
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	Run 1	12/8/06	0.0053
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	Run 2	12/8/06	0.0066
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	Run 3	12/8/06	0.0109
Total CDD/CDF, ng/dscm											
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 1	11/6/02-11/7/02	3.12
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 2	11/6/02-11/7/02	4.50
86	86	Fairfield Medical Center		Lancaster	OH	S	E	WS	Run 3	11/6/02-11/7/02	1.04
CDD/CDF TEQ, ng/dscm											
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	Run 1	1/11/07-1/12/07	0.0049
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	Run 2	1/11/07-1/12/07	0.0033
129	129	Centers for Disease Control and Prevention--Clifton, Building 18	Unit 3	Atlanta	GA	S	N	WS	Run 3	1/11/07-1/12/07	0.0054

Table 22. MACT Floor Option 1B (Small Rural HMIWI; Test Runs)

FACID	UNITID	Facility name	Unit number	City	State abbr	Cate-gory	New/existing	APCD code	Parameter	Test date	Concen-tration
Hydrogen Chloride, ppmvd											
115	115	Kona Community Hospital		Kealahakua	HI	SR	E	CC	Run 1	1/9/02-1/10/02	241
115	115	Kona Community Hospital		Kealahakua	HI	SR	E	CC	Run 2	1/9/02-1/10/02	109
115	115	Kona Community Hospital		Kealahakua	HI	SR	E	CC	Run 3	1/9/02-1/10/02	53.7
Carbon Monoxide, ppmvd											
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	Run 1	10/23/01	7.21
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	Run 2	10/23/01	5.89
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	Run 3	10/23/01	3.12
Lead, mg/dscm											
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	Run 1	10/25/01	0.265
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	Run 2	10/25/01	0.187
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	Run 3	10/25/01	0.225
Cadmium, mg/dscm											
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	Run 1	10/25/01	0.0399
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	Run 2	10/25/01	0.0277
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	Run 3	10/25/01	0.0463
Mercury, mg/dscm											
115	115	Kona Community Hospital		Kealahakua	HI	SR	E	CC	Run 1	1/9/02-1/11/02	0.00269
115	115	Kona Community Hospital		Kealahakua	HI	SR	E	CC	Run 2	1/9/02-1/11/02	0.00136
115	115	Kona Community Hospital		Kealahakua	HI	SR	E	CC	Run 3	1/9/02-1/11/02	0.00119
115	115	Kona Community Hospital		Kealahakua	HI	SR	E	CC	Run 4	1/9/02-1/11/02	0.00106
Particulate Matter, gr/dscf											
115	115	Kona Community Hospital		Kealahakua	HI	SR	E	CC	Run 1	1/9/02-1/11/02	0.00843
115	115	Kona Community Hospital		Kealahakua	HI	SR	E	CC	Run 2	1/9/02-1/11/02	0.0133
115	115	Kona Community Hospital		Kealahakua	HI	SR	E	CC	Run 3	1/9/02-1/11/02	0.0202
115	115	Kona Community Hospital		Kealahakua	HI	SR	E	CC	Run 4	1/9/02-1/11/02	0.00942
Total CDD/CDF, ng/dscm											
115	115	Kona Community Hospital		Kealahakua	HI	SR	E	CC	Run 1	1/9/02-1/11/02	15.8
115	115	Kona Community Hospital		Kealahakua	HI	SR	E	CC	Run 2	1/9/02-1/11/02	9.05
115	115	Kona Community Hospital		Kealahakua	HI	SR	E	CC	Run 3	1/9/02-1/11/02	63.9
CDD/CDF TEQ, ng/dscm											
115	115	Kona Community Hospital		Kealahakua	HI	SR	E	CC	Run 1	1/9/02-1/11/02	0.273
115	115	Kona Community Hospital		Kealahakua	HI	SR	E	CC	Run 2	1/9/02-1/11/02	0.227
115	115	Kona Community Hospital		Kealahakua	HI	SR	E	CC	Run 3	1/9/02-1/11/02	1.35
Nitrogen Oxide, ppmvd											
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	Run 1	10/23/01	90.6
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	Run 2	10/23/01	94.3
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	Run 3	10/23/01	100
Sulfur Dioxide, ppmvd											
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	Run 1	10/23/01	15.8
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	Run 2	10/23/01	23.1
116	116	Yukon-Kuskokwim Delta Regional Hospital		Bethel	AK	SR	E	CC	Run 3	10/23/01	28.8