

ATTACHMENT 1
SUPPORTING STATEMENT
Emission Guidelines for Existing Sources: Large Municipal Waste Combustors Voluntary Rule (WWWW) (Final Rule)

TABLES 1a, 1b, 2a, 2b, 3a, and 3b

Annual Respondent Burden and Cost of the Emission Guidelines for Existing Sources: Large Municipal Waste Combustors (40 CFR Part 60, Subpart WWWW) (Final Rule) – (a) Publicly Owned and (b) Privately Owned; Year

TABLE 4

Summary of Annual Respondent Burden and Cost of the Emission Guidelines for Existing Sources: Large Municipal Waste Combustors (40 CFR Part 60, Subpart WWWW) (Final Rule) – Year

TABLES 5, 6, and 7

Annual Designated Administrator Burden and Cost of the Emission Guidelines for Existing Sources: Large Municipal Waste Combustors (40 CFR Part 60, Subpart WWWW) (Final Rule) – Years 1-3

TABLE 8

Summary of Annual Designated Burden and Cost of the Emission Guidelines for Existing Sources: Large Municipal Waste Combustors (40 CFR Part 60, Subpart WWWW) (Final Rule) – Year

TABLES 9, 10, and 11

Annual Agency Burden and Cost of the Emission Guidelines for Existing Sources: Large Municipal Waste Combustors (40 CFR Part 60, Subpart WWWW) (Final Rule) – Years 1-3

TABLE 12

Summary of Annual Agency Burden and Cost of the Emission Guidelines for Existing Sources: Large Municipal Waste Combustors (40 CFR Part 60, Subpart WWWW) (Final Rule) – Year

TABLE: Number of Respondents

TABLE: Summary of Total Annual Responses

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Municipal Waste Combustors Voluntary Remand Response and 5-year

Industry Wages*

May 2022 National Industry-Specific Occupational Employment and Wage Estimates

NAICS 562200 - Waste Treatment and Disposal

Category	Occupation Code	Mean hourly rate (\$/hr)
Technical	17-2112	49.94
Management	11-9041	78.91
Clerical	43-9061	19.32

https://www.bls.gov/oes/current/naics4_562200.htm

*Labor rates are assumed to be comparable between private and public sector.

EPA Wages

	Hourly Mean Wage	With Fringe & Overhead
(GS- 12, step 1) - Tech.	34.07	\$54.51
(GS- 13, step 5) - Mgmt.	45.91	\$73.46
(GS-6, step 3) - Cler.	18.44	\$29.50

https://www.opm.gov/policy-data-oversight/pay-leave/salaries-wages/salary-tables/23Tables/html/GS_h.aspx

Facilities

	Number of Facilities	Number of Units
Existing	57	152
<i>Municipality Owned*</i>	22	62
<i>Privately Owned*</i>	35	90

*Based on 2022 inventory.

Fringe Benefit Loading Rate	Overhead and Profit Rate	Loaded Rate (\$/hr)
1.5	1.4	104.87
1.5	1.4	165.71
1.5	1.4	40.57

Table 1a: Annual Municipality-Owned Respondent Burden and Cost Year One - Emission Guid Municipal Waste Combustors Voluntary Remand Response and 5-year Review (40 CFR Part 60

\$104.87

Burden item ^a	(A)	(B)	(C)	(D)	(E)
	Person-hours per occurrence	No. of occurrences per respondent per year	Person-hours per respondent per year (C=AxB)	Respondents per year ^b	Technical hours per year (E=CxD)
1. Applications ^d	N/A				
2. Survey and Studies	N/A				
3. Reporting requirements					
A. Familiarize with regulatory requirements ^e	8	1	8	22	176
B. Required activities					
Initial performance test	N/A				
Repeat performance test	N/A				
CEMS demonstration ^f	N/A				
Annual performance test	N/A				
C. Write report					
Notifications (construction/modification, start-up, initial/repeat performance test, CEMS demonstration, CEMS start/stop, exemptions)	N/A				
Performance test reports (initial/repeat and annual compliance)	N/A				
CEMS demonstration report	8	1	8	22	176
Familiarize with CEDRI	4	1	4	22	88
Electronic data submittal	1	1	1	22	22
Subtotal for Reporting Requirements					
4. Recordkeeping requirements					
Record startups, shutdowns, and malfunctions	N/A				
Records of all emission rates, computations, tests ^g	4	1	4	22	88
Records of employee review of operations manual	N/A				
Records of operating parameters for control devices	N/A				
Subtotal for Recordkeeping Requirements					
TOTAL LABOR BURDEN AND COST (rounded) ^h					
TOTAL CAPITAL AND O&M COST (rounded) ^h					

GRAND TOTAL (rounded) ^h					
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Assumptions:

^a These burden estimates are intended to be incremental. Requirements already established for existing large MWCs are included and accounted for in a separate ICR.

^b There are 152 large MWC units at 57 facilities. Of these, there are 62 units at 22 plants that are publicly owned. We have included these over the three-year period of this ICR.

^c This ICR uses the following labor rates for both privately and publicly owned sources: \$165.71 for managerial, \$104.87 for non-managerial. These rates are from the United States Department of Labor, Bureau of Labor Statistics, May 2022, National Industry-Specific Estimates for 562200 - Waste Treatment and Disposal. These rates have been adjusted using a Fringe Benefit Loading Rate (Mean Hourly Rate * Fringe Benefit Loading Rate * Overhead and Profit Rate = Loaded Rate) to account for varying industry business costs of employing workers beyond their wages and benefits, including business expenses associated with hiring, training, and supervision.

^d No additional permit applications are anticipated within the first three years.

^e This ICR assumes all existing respondents will have to familiarize themselves with the amended regulatory requirements.

^f Adjustments and record coding to accommodate new CEMS requirements during start-up and shutdown are included under 3C.

^g Includes additional hours for downloading/processing CEMS data now required to be collected during start-up and shutdown.

^h Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

**elines for Existing Sources: Large
, Subpart WWWW) (Final Rule)**

\$165.71 \$40.57

(F)	(G)	(H)
Management hours per year (F=Ex0.05)	Clerical hours per year (G=Ex0.1)	Total cost per year (\$) ^c
8.8	17.6	\$20,630.15
8.8	17.6	\$20,630.15
4.4	8.8	\$10,315.07
1.1	2.2	\$2,578.77
531		\$54,154
4.4	8.8	\$10,315.07
101		\$10,315
633		\$64,500
		\$0

		\$64,500
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licated as N/A in column (A) and already

assumed that there will be no new respondents

or technical, and \$40.57 for clerical labor.
ific Occupational Employment and Wage
e of 1.5 and an Overhead and Profit Rate of 1.4
stry wage rates and the additional overhead
training, and equipping their employees.

each year for the first three years.

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**Table 1b: Annual Privately Owned Respondent Burden and Cost Year One - Emission Guidelin
Municipal Waste Combustors Voluntary Remand Response and 5-year Review (40 CFR Part 60**

\$104.87

Burden item ^a	(A)	(B)	(C)	(D)	(E)
	Person-hours per occurrence	No. of occurrences per respondent per year	Person-hours per respondent per year (C=AxB)	Respondents per year ^b	Technical hours per year (E=CxD)
1. Applications ^d	N/A				
2. Survey and Studies	N/A				
3. Reporting requirements	0				
A. Familiarize with regulatory requirements ^e	8	1	8	35	280
B. Required activities	0				
Initial performance test	N/A				
Repeat performance test	N/A				
CEMS demonstration ^f	N/A				
Annual performance test	N/A				
C. Write report	0				
Notifications (construction/modification, start-up, initial/repeat performance test, CEMS demonstration, CEMS start/stop, exemptions)	N/A				
Performance test reports (initial/repeat and annual compliance)	N/A				
CEMS demonstration report	8	1	8	35	280
Familiarize with CEDRI	4	1	4	35	140
Electronic data submittal	1	1	1	35	35
Subtotal for Reporting Requirements	0				
4. Recordkeeping requirements	0				
Record startups, shutdowns, and malfunctions	N/A				
Records of all emission rates, computations, tests ^g	4	1	4	35	140
Records of employee review of operations manual	N/A				
Records of operating parameters for control devices	N/A				
Subtotal for Recordkeeping Requirements					
TOTAL LABOR BURDEN AND COST (rounded) ^h					
TOTAL CAPITAL AND O&M COST (rounded) ^h					

GRAND TOTAL (rounded) ^h					
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Assumptions:

^a These burden estimates are intended to be incremental. Requirements already established for existing large MWCs are included and accounted for in a separate ICR.

^b There are 152 large MWC units at 57 facilities. Of these, there are 90 units at 35 plants that are privately owned. We have included these over the three-year period of this ICR.

^c This ICR uses the following labor rates for both privately and publicly owned sources: \$165.71 for managerial, \$104.87 for non-managerial. These rates are from the United States Department of Labor, Bureau of Labor Statistics, May 2022, National Industry-Specific Wage Estimates for 562200 - Waste Treatment and Disposal. These rates have been adjusted using a Fringe Benefit Loading Rate (Mean Hourly Rate * Fringe Benefit Loading Rate * Overhead and Profit Rate = Loaded Rate) to account for varying industry business costs of employing workers beyond their wages and benefits, including business expenses associated with hiring, training, and supervision.

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^f Adjustments and record coding to accommodate new CEMS requirements during start-up and shutdown are included under 3C.

^g Includes additional hours for downloading/processing CEMS data now required to be collected during start-up and shutdown.

^h Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

		\$102,600
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assumed that there will be no new respondents

or technical, and \$40.57 for clerical labor.
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each year for the first three years.

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Table 2a: Annual Municipality-Owned Respondent Burden and Cost Year Two - Emission Guid Municipal Waste Combustors Voluntary Remand Response and 5-year Review (40 CFR Part 60

\$104.87

Burden item ^a	(A)	(B)	(C)	(D)	(E)
	Person-hours per occurrence	No. of occurrences per respondent per year	Person-hours per respondent per year (C=AxB)	Respondents per year ^b	Technical hours per year (E=CxD)
1. Applications	N/A				
2. Survey and Studies	N/A				
3. Reporting requirements					
A. Familiarize with regulatory requirements ^d	8	1	8	22	176
B. Required activities					
Initial performance test	N/A				
Repeat performance test	N/A				
CEMS demonstration	N/A				
Annual performance test	N/A				
C. Write report					
Notifications (construction/modification, start-up, initial/repeat performance test, CEMS demonstration, CEMS start/stop, exemptions)	N/A				
Performance test reports (initial/repeat and annual compliance)	N/A				
CEMS demonstration report	N/A				
Familiarize with CEDRI	1	1	1	22	22
Electronic data submittal	1	1	1	22	22
Subtotal for Reporting Requirements					
4. Recordkeeping requirements					
Record startups, shutdowns, and malfunctions	N/A				
Records of all emission rates, computations, tests	N/A				
Records of employee review of operations manual	N/A				
Records of operating parameters for control devices	N/A				
Subtotal for Recordkeeping Requirements					
TOTAL LABOR BURDEN AND COST (rounded) ^e					
TOTAL CAPITAL AND O&M COST (rounded) ^e					

GRAND TOTAL (rounded) ^e					
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Assumptions:

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^b There are 152 large MWC units at 57 facilities. Of these, there are 62 units at 22 plants that are publicly owned. We have data over the three-year period of this ICR.

^c This ICR uses the following labor rates for both privately and publicly owned sources: \$165.71 for managerial, \$104.87 for non-managerial. These rates are from the United States Department of Labor, Bureau of Labor Statistics, May 2022, National Industry-Specific Wage Estimates for 562200 - Waste Treatment and Disposal. These rates have been adjusted using a Fringe Benefit Loading Rate (Mean Hourly Rate * Fringe Benefit Loading Rate * Overhead and Profit Rate = Loaded Rate) to account for varying industry business costs of employing workers beyond their wages and benefits, including business expenses associated with hiring, training, and supervision.

^d This ICR assumes all existing respondents will have to familiarize themselves with the amended regulatory requirements.

^e Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

**Guidelines for Existing Sources: Large
 1, Subpart WWWW) (Final Rule)**

\$165.71 \$40.57

(F)	(G)	(H)
Management hours per year (F=Ex0.05)	Clerical hours per year (G=Ex0.1)	Total cost per year (\$) ^c
8.8	17.6	\$20,630.15
1.1	2.2	\$2,578.77
1.1	2.2	\$2,578.77
253		\$25,788
0		\$0
253		\$25,800
		\$0

		\$25,800
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licated as N/A in column (A) and already

assumed that there will be no new respondents

or technical, and \$40.57 for clerical labor.
ific Occupational Employment and Wage
e of 1.5 and an Overhead and Profit Rate of 1.4
stry wage rates and the additional overhead
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each year for the first three years.

Table 2b: Annual Privately Owned Respondent Burden and Cost Year Two - Emission Guidelines for Municipal Waste Combustors Voluntary Remedial Response and 5-year Review (40 CFR Part 60)

\$104.87

Burden item ^a	(A)	(B)	(C)	(D)	(E)
	Person-hours per occurrence	No. of occurrences per respondent per year	Person-hours per respondent per year (C=AxB)	Respondents per year ^b	Technical hours per year (E=CxD)
1. Applications	N/A				
2. Survey and Studies	N/A				
3. Reporting requirements					
A. Familiarize with regulatory requirements ^d	8	1	8	35	280
B. Required activities					
Initial performance test	N/A				
Repeat performance test	N/A				
CEMS demonstration	N/A				
Annual performance test	N/A				
C. Write report					
Notifications (construction/modification, start-up, initial/repeat performance test, CEMS demonstration, CEMS start/stop, exemptions)	N/A				
Performance test reports (initial/repeat and annual compliance)	N/A				
CEMS demonstration report	N/A				
Familiarize with CEDRI	1	1	1	35	35
Electronic data submittal	1	1	1	35	35
Subtotal for Reporting Requirements					
4. Recordkeeping requirements					
Record startups, shutdowns, and malfunctions	N/A				
Records of all emission rates, computations, tests	N/A				
Records of employee review of operations manual	N/A				
Records of operating parameters for control devices	N/A				
Subtotal for Recordkeeping Requirements					
TOTAL LABOR BURDEN AND COST (rounded) ^e					
TOTAL CAPITAL AND O&M COST (rounded) ^e					

GRAND TOTAL (rounded) ^e					
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Assumptions:

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^d This ICR assumes all existing respondents will have to familiarize themselves with the amended regulatory requirements.

^e Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

**Costs for Existing Sources: Large
 (Subpart WWWW) (Final Rule)**

\$165.71 \$40.57

(F)	(G)	(H)
Management hours per year (F=Ex0.05)	Clerical hours per year (G=Ex0.1)	Total cost per year (\$) ^c
14	28	\$32,820.69
1.75	3.5	\$4,102.59
1.75	3.5	\$4,102.59
403		\$41,026
0		\$0
403		\$41,000
		\$0

		\$41,000
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licated as N/A in column (A) and already

assumed that there will be no new respondents

or technical, and \$40.57 for clerical labor.
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e of 1.5 and an Overhead and Profit Rate of 1.4
stry wage rates and the additional overhead
training, and equipping their employees.

each year for the first three years.

**Table 3a: Annual Municipality-Owned Respondent Burden and Cost Year Three - Emission Gu
Municipal Waste Combustors Voluntary Remand Response and 5-year Review (40 CFR Part 60**

\$104.87

Burden item ^a	(A)	(B)	(C)	(D)	(E)
	Person-hours per occurrence	No. of occurrences per respondent per year	Person-hours per respondent per year (C=AxB)	Respondents per year ^b	Technical hours per year (E=CxD)
1. Applications	N/A				
2. Survey and Studies	N/A				
3. Reporting requirements					
A. Familiarize with regulatory requirements ^d	8	1	8	22	176
B. Required activities					
Initial performance test	N/A				
Repeat performance test	N/A				
CEMS demonstration	N/A				
Annual performance test	N/A				
C. Write report					
Notifications (construction/modification, start-up, initial/repeat performance test, CEMS demonstration, CEMS start/stop, exemptions)	N/A				
Performance test reports (initial/repeat and annual compliance)	N/A				
CEMS demonstration report	N/A				
Familiarize with CEDRI	1	1	1	22	22
Electronic data submittal	1	1	1	22	22
Subtotal for Reporting Requirements					
4. Recordkeeping requirements					
Record startups, shutdowns, and malfunctions	N/A				
Records of all emission rates, computations, tests	N/A				
Records of employee review of operations manual	N/A				
Records of operating parameters for control devices	N/A				
Subtotal for Recordkeeping Requirements					
TOTAL LABOR BURDEN AND COST (rounded) ^e					
TOTAL CAPITAL AND O&M COST (rounded) ^e					

GRAND TOTAL (rounded) ^e					
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Assumptions:

^a These burden estimates are intended to be incremental. Requirements already established for existing large MWCs are included and accounted for in a separate ICR.

^b There are 152 large MWC units at 57 facilities. Of these, there are 62 units at 22 plants that are publicly owned. We have data over the three-year period of this ICR.

^c This ICR uses the following labor rates for both privately and publicly owned sources: \$165.71 for managerial, \$104.87 for non-managerial. These rates are from the United States Department of Labor, Bureau of Labor Statistics, May 2022, National Industry-Specific Wage Estimates for 562200 - Waste Treatment and Disposal. These rates have been adjusted using a Fringe Benefit Loading Rate (Mean Hourly Rate * Fringe Benefit Loading Rate * Overhead and Profit Rate = Loaded Rate) to account for varying industry business costs of employing workers beyond their wages and benefits, including business expenses associated with hiring, training, and supervision.

^d This ICR assumes all existing respondents will have to familiarize themselves with the amended regulatory requirements.

^e Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

**Guidelines for Existing Sources: Large
 , Subpart WWWW) (Final Rule)**

\$165.71 \$40.57

(F)	(G)	(H)
Management hours per year (F=Ex0.05)	Clerical hours per year (G=Ex0.1)	Total cost per year (\$) ^c
8.8	17.6	\$20,630.15
1.1	2.2	\$2,578.77
1.1	2.2	\$2,578.77
253		\$25,788
0		\$0
253		\$25,800
		\$0

		\$25,800
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assumed that there will be no new respondents

or technical, and \$40.57 for clerical labor.
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e of 1.5 and an Overhead and Profit Rate of 1.4
stry wage rates and the additional overhead
training, and equipping their employees.

each year for the first three years.

**Table 3b: Annual Privately Owned Respondent Burden and Cost Year Three - Emission Guidel
Municipal Waste Combustors Voluntary Remand Response and 5-year Review (40 CFR Part 60**

\$104.87

Burden item ^a	(A)	(B)	(C)	(D)	(E)
	Person-hours per occurrence	No. of occurrences per respondent per year	Person-hours per respondent per year (C=AxB)	Respondents per year ^b	Technical hours per year (E=CxD)
1. Applications	N/A				
2. Survey and Studies	N/A				
3. Reporting requirements					
A. Familiarize with regulatory requirements ^d	8	1	8	35	280
B. Required activities					
Initial performance test	N/A				
Repeat performance test	N/A				
CEMS demonstration	N/A				
Annual performance test	N/A				
C. Write report					
Notifications (construction/modification, start-up, initial/repeat performance test, CEMS demonstration, CEMS start/stop, exemptions)	N/A				
Performance test reports (initial/repeat and annual compliance)	N/A				
CEMS demonstration report	N/A				
Familiarize with CEDRI	1	1	1	35	35
Electronic data submittal	1	1	1	35	35
Subtotal for Reporting Requirements					
4. Recordkeeping requirements					
Record startups, shutdowns, and malfunctions	N/A				
Records of all emission rates, computations, tests	N/A				
Records of employee review of operations manual	N/A				
Records of operating parameters for control devices	N/A				
Subtotal for Recordkeeping Requirements					
TOTAL LABOR BURDEN AND COST (rounded) ^e					
TOTAL CAPITAL AND O&M COST (rounded) ^e					

GRAND TOTAL (rounded) ^e					
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Assumptions:

^a These burden estimates are intended to be incremental. Requirements already established for existing large MWCs are included and accounted for in a separate ICR.

^b There are 152 large MWC units at 57 facilities. Of these, there are 90 units at 35 plants that are privately owned. We have data for these units over the three-year period of this ICR.

^c This ICR uses the following labor rates for both privately and publicly owned sources: \$165.71 for managerial, \$104.87 for non-managerial. These rates are from the United States Department of Labor, Bureau of Labor Statistics, May 2022, National Industry-Specific Wage Estimates for 562200 - Waste Treatment and Disposal. These rates have been adjusted using a Fringe Benefit Loading Rate (Mean Hourly Rate * Fringe Benefit Loading Rate * Overhead and Profit Rate = Loaded Rate) to account for varying industry business costs of employing workers beyond their wages and benefits, including business expenses associated with hiring, training, and supervision.

^d This ICR assumes all existing respondents will have to familiarize themselves with the amended regulatory requirements.

^e Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

**Lines for Existing Sources: Large
(Subpart WWWW) (Final Rule)**

\$165.71 \$40.57

(F)	(G)	(H)
Management hours per year (F=Ex0.05)	Clerical hours per year (G=Ex0.1)	Total cost per year (\$) ^c
14	28	\$32,820.69
1.75	3.5	\$4,102.59
1.75	3.5	\$4,102.59
403		\$41,026
0		\$0
403		\$41,000
		\$0

		\$41,000
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assumed that there will be no new respondents

or technical, and \$40.57 for clerical labor.
ific Occupational Employment and Wage
e of 1.5 and an Overhead and Profit Rate of 1.4
stry wage rates and the additional overhead
training, and equipping their employees.

each year for the first three years.

Table 4 - Summary of Annual Respondent Burden and Cost - Emission Guidelines for Existing S

Year	Total Labor Hours	Labor Costs	Non-Labor (Capital/Startup and O&M) Costs
1	1,639	\$167,034	\$0
2	656	\$66,814	\$0
3	656	\$66,814	\$0
Total (rounded)	2,950	\$301,000	\$0
Average (rounded)	980	\$100,000	\$0

Sources: Large Municipal Waste Combustors Voluntary Remed Response and 5-year Review (4

Total Costs
\$167,034
\$66,814
\$66,814
\$301,000
\$100,000

10 CFR Part 60, WWW) (Final Rule)

Table 5: Average Annual Designated Administrator Burden and Cost Year One - Emission C

Burden item ^a	(A)	(B)	(C)	(D)
	Person-hours per occurrence	No. of occurrences per respondent per year	Person-hours per respondent per year (C=AxB)	Respondents per year ^b
1. Applications ^d	N/A			
2. Familiarize with Regulatory Requirements	4	0	0	15
3. Required Activities ^e	N/A			
A. Develop a state plan	400	0	0	15
B. Public hearing on state plan and certification of hearing	8	0	0	15
C. Submit a negative declaration	1	0	0	15
4. Review notifications and reports				
Notification of construction/ modification	N/A			
Notification of actual startup	N/A			
Notification of initial/repeat performance test	N/A			
Initial performance test	N/A			
Repeat performance test	N/A			
Semiannual report	N/A			
TOTAL (rounded) ^f				

Assumptions:

^a These burden estimates are intended to be incremental. Requirements already established for existing large MWCs are accounted for in a separate ICR.

^b There are 152 large MWC units at 57 facilities. Of these, there are 90 units at 35 plants that are privately owned and we have assumed that there will be no new respondents over the three-year period of this ICR.

^c This ICR uses the following labor rates: \$73.46 for managerial, \$54.51 for technical, and \$29.50 for clerical labor. Management (OPM), 2021 General Schedule, which excludes locality rates of pay. The rates have been increased by 6% available to government employees.

^d No additional permit applications are anticipated within the first three years.

^e We have assumed that Designated Administrators have completed all other activities for the units affected by this subpart and Cb.

^f Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

ponse and 5-year Review (40 CFR Part 60, Subpart WWWW) (Final Rule)

Table 6: Average Annual Designated Administrator Burden and Cost Year Two - Emission C

Burden item ^a	(A)	(B)	(C)	(D)
	Person-hours per occurrence	No. of occurrences per respondent per year	Person-hours per respondent per year (C=AxB)	Respondents per year ^b
1. Applications	N/A			
2. Familiarize with Regulatory Requirements	4	15	60	15
3. Required Activities ^e	N/A			
A. Develop a state plan	400	1	400	15
B. Public hearing on state plan and certification of hearing	8	1	8	15
C. Submit a negative declaration	1	0	0	15
4. Review notifications and reports				
Notification of construction/ modification	N/A			
Notification of actual startup	N/A			
Notification of initial/repeat performance test	N/A			
Initial performance test	N/A			
Repeat performance test	N/A			
Semiannual report	N/A			
TOTAL (rounded) ^f				

Assumptions:

^a These burden estimates are intended to be incremental. Requirements already established for existing large MWCs are for in a separate ICR.

^b There are 152 large MWC units at 57 facilities. Of these, there are 90 units at 35 plants that are privately owned and assumed that there will be no new respondents over the three-year period of this ICR.

^c This ICR uses the following labor rates: \$73.46 for managerial, \$54.51 for technical, and \$29.50 for clerical labor. (OPM), 2021 General Schedule, which excludes locality rates of pay. The rates have been increased by 60 percent to all employees.

^e We have assumed that Designated Administrators have completed all other activities for the units affected by this sub

^f Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

and 5-year Review (40 CFR Part 60, Subpart WWWW) (Final Rule)

Table 7: Average Annual Designated Administrator Burden and Cost Year Three - Emission

Burden item ^a	(A)	(B)	(C)	(D)
	Person-hours per occurrence	No. of occurrences per respondent per year	Person-hours per respondent per year (C=AxB)	Respondents per year ^b
1. Applications	N/A			
2. Familiarize with Regulatory Requirements	4	0	0	15
3. Required Activities ^c	N/A			
A. Develop a state plan	400	0	0	15
B. Public hearing on state plan and certification of hearing	8	0	0	15
C. Submit a negative declaration	1	0	0	15
4. Review notifications and reports	N/A			
Notification of construction/ modification	N/A			
Notification of actual startup	N/A			
Notification of initial/repeat performance test	N/A			
Initial performance test	N/A			
Repeat performance test	N/A			
Semiannual report	N/A			
TOTAL (rounded) ^f				

Assumptions:

^a These burden estimates are intended to be incremental. Requirements already established for existing large MWCs are for in a separate ICR.

^b There are 152 large MWC units at 57 facilities. Of these, there are 90 units at 35 plants that are privately owned and it is assumed that there will be no new respondents over the three-year period of this ICR.

^c This ICR uses the following labor rates: \$73.46 for managerial, \$54.51 for technical, and \$29.50 for clerical labor. (OPM), 2021 General Schedule, which excludes locality rates of pay. The rates have been increased by 60 percent to account for inflation.

^e We have assumed that Designated Administrators have completed all other activities for the units affected by this subpart.

^f Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

Manufacturers Voluntary Remand Response and 5-year Review (40 CFR Part 60, Subp

Part WWW (Final Rule)

Table 8: Summary of Annual Designated Administrator Burden and Cost of the Emission Guidelines

Year	Total Hours	Labor Costs	Non-Labor Costs	Total Costs
1	0	\$0	\$0	\$0
2	8,073	\$382,670	\$0	\$382,670
3	0	\$0	\$0	\$0
Total (Rounded)	8,070	\$383,000	\$0	\$383,000
Average (Rounded)	2,690	\$128,000	\$0	\$128,000

for Existing Sources: Large Municipal Waste Combustors Voluntary Remand Response and 5-year Re

view (40 CFR Part 60, Subpart WWWW) (Final Rule)

Table 9: Average Annual EPA Burden and Cost Year One - Emission Guidelines for Existing

Burden item ^a	(A)	(B)	(C)	(D)
	Person-hours per occurrence	No. of occurrences per respondent per year	Person-hours per respondent per year (C=AxB)	Respondents per year ^b
1. Review State reports				
Review notification of public hearing on State plan	2	1	2	0
Review certification for public hearing	2	1	2	0
Review/approve State plan	300	1	300	0
2. Applications ^d	N/A			
Notification of construction/ modification	N/A			
Notification of actual startup	N/A			
Notification of initial/repeat performance test	N/A			
Initial performance test	N/A			
Repeat performance test	N/A			
Semiannual report	N/A			
TOTAL (rounded) ^e				

Assumptions:

^a These burden estimates are intended to be incremental. Requirements already established for existing large MWCs are for in a separate ICR.

^b There are 152 large MWC units at 57 facilities. Of these, there are 90 units at 35 plants that are privately owned and assumed that there will be no new respondents over the three-year period of this ICR.

^c This ICR uses the following labor rates: \$73.46 for managerial, \$54.51 for technical, and \$29.50 for clerical labor. Management (OPM), 2021 General Schedule, which excludes locality rates of pay. The rates have been increased by 6 to government employees.

^d No additional permit applications are anticipated within the first three years.

^e Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

40 CFR Part 60, Subpart WWWW) (Final Rule)

Table 10: Average Annual EPA Burden and Cost Year Two - Emission Guidelines for Existing

Burden item ^a	(A)	(B)	(C)	(D)
	Person-hours per occurrence	No. of occurrences per respondent per year	Person-hours per respondent per year (C=AxB)	Respondents per year ^b
1. Review State reports				
Review notification of public hearing on State plan	2	1	2	15
Review certification for public hearing	2	1	2	15
Review/approve State plan	300	1	300	15
2. Applications ^d	N/A			
Notification of construction/ modification	N/A			
Notification of actual startup	N/A			
Notification of initial/repeat performance test	N/A			
Initial performance test	N/A			
Repeat performance test	N/A			
Semiannual report	N/A			
TOTAL (rounded) ^d				

Assumptions:

^a These burden estimates are intended to be incremental. Requirements already established for existing large MWCs are accounted for in a separate ICR.

^b There are 152 large MWC units at 57 facilities. Of these, there are 90 units at 35 plants that are privately owned and it is assumed that there will be no new respondents over the three-year period of this ICR.

^c This ICR uses the following labor rates: \$73.46 for managerial, \$54.51 for technical, and \$29.50 for clerical labor. 7 Management (OPM), 2021 General Schedule, which excludes locality rates of pay. The rates have been increased by 6% to government employees.

^d Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

v (40 CFR Part 60, Subpart WWWW) (Final Rule)

Table 11: Average Annual EPA Burden and Cost Year Three - Emission Guidelines for Exist

Burden item ^a	(A)	(B)	(C)	(D)
	Person-hours per occurrence	No. of occurrences per respondent per year	Person-hours per respondent per year (C=AxB)	Respondents per year ^b
1. Review State reports				
Review notification of public hearing on State plan	2	1	2	0
Review certification for public hearing	2	1	2	0
Review/approve State plan	300	1	300	0
2. Applications ^d	N/A			
Notification of construction/ modification	N/A			
Notification of actual startup	N/A			
Notification of initial/repeat performance test	N/A			
Initial performance test	N/A			
Repeat performance test	N/A			
Semiannual report	N/A			
TOTAL (rounded) ^d				

Assumptions:

^a These burden estimates are intended to be incremental. Requirements already established for existing large MWCs are accounted for in a separate ICR.

^b There are 152 large MWC units at 57 facilities. Of these, there are 90 units at 35 plants that are privately owned and (have assumed that there will be no new respondents over the three-year period of this ICR.

^c This ICR uses the following labor rates: \$73.46 for managerial, \$54.51 for technical, and \$29.50 for clerical labor. Management (OPM), 2021 General Schedule, which excludes locality rates of pay. The rates have been increased by 6 available to government employees.

^d Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

Review (40 CFR Part 60, Subpart WWWW) (Final Rule)

Table 12: Summary of Annual Agency Burden and Cost of the Emission Guidelines for Existing Sour

Year	Total Hours	Labor Costs	Non-Labor Costs	Total Costs
1	0	\$0	\$0	\$0
2	5,244	\$278,780	\$0	\$278,780
3	0	\$0	\$0	\$0
Total (Rounded)	5,244	\$278,780	\$0	\$278,780
Average (Rounded)	1,748	\$92,927	\$0	\$92,930

ces: Large Municipal Waste Combustors Voluntary Remand Response and 5-year Review (40 CFR Pa

rt 60, Subpart WWWW) (Final Rule)

Summary of Total Annual Responses

(A)	(B)	(C)
Information Collection Activity	Number of Respondents	Number of Responses
Owners and operators of large MW		
Case-by-case NOx emission limit demonstration	0	0
Electronic data submittal	57	1
Designated Administrators		
State plan submittal	15	1
Notification of public hearing	15	1

(D)	(E)
Number of Existing Respondents That Keep Records But Do Not Submit Reports	Total Annual Responses E=(BxC)+D
Cs	
0	0
0	57
0	15
0	15
Subtotal (rounded)	87

Number of Respondents			
	Respondents That Submit Reports		Respondents That Do Not Submit Any Reports
	(A)	(B)	(C)
Year	Number of New Respondents	Number of Existing Respondents ^a	Number of Existing Respondents that keep records but do not submit reports
1	0	72	0
2	0	72	0
3	0	72	0
Average	0	72	0

^a An average of 57 large MWC plants (respondents) will be subject to the standards over the next three years. Addit Administrators. Total number of respondents = (57 + 15) = 72.

(D)	(E)
Number of Existing Respondents That Are Also New Respondents	Number of Respondents (E=A+B+C-D)
0	72
0	72
0	72
0	72

ionally, it is estimated there will be 15 State Designated