

### ICR Summary Information

Hours per Response	1,870
Number of Respondents	6
Total Estimated Burden Hours	18,700
Total Estimated Costs	\$2,180,000
Annualized Capital O&M	\$154,000
Total Annual Responses	10

**Table 1: Annual Respondent Burden and Cost - NSPS for Small Municipal Waste Combustors (40 CFR Part 60, AAAA) (Renewal)**

Burden Item	(A)	(B)	(C)	(D)
	Respondent Hours Per Occurrence	Number of Occurrences Per Respondent Per Year	Person Hours Per Respondent Per Year (AxB)	Number of Respondents Per Year <sup>a</sup>
1. Applications	N/A			
2. Surveys and Studies	N/A			
<b>3. Reporting Requirements for Private Sources <sup>b</sup></b>				
A. Familiarization with rule requirements				
1) New Sources	40	1	40	0
2) Existing Sources	1	1	1	5
B. Required Activities				
1) Initial performance tests and reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg)	775	1	775	0
2) CEMS demonstration (SO <sub>2</sub> , NO <sub>x</sub> , opacity, CO, CO <sub>2</sub> , O <sub>2</sub> )				
a) Installation of CEM units	225	1	225	0
b) Initial demonstration	450	1	450	0
3) Annual performance tests and test reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg)	775	1	775	5
4) Quarterly Appendix F audits of CEMS (SO <sub>2</sub> , NO <sub>x</sub> , CO)				
a) RATA audit (one per year) <sup>d, e, h</sup>	350	1.33	466	5
b) RAA audit (three per year) <sup>f, h</sup>	130	4.00	520.0	5
c) Daily calibration and operation <sup>g</sup>	1	485.5	485.5	5
C. Create Information	See 3B			
D. Gather Information	See 3E			
E. Report Preparation				
1) Plant startup				
a) Preliminary and final material separation plans and siting analysis	270	1	270	0
b) Public meeting and comment response	140	1	140	0
c) Notification of construction	2	1	2	0
d) Notification of startup	2	1	2	0
2) Notification of initial performance tests	4	1	4	0
3) Initial compliance reports	40	1	40	0
4) Notification of CEMS demonstration	4	1	4	0
5) Initial CEMS demonstration report	40	1	40	0
6) Annual compliance reports <sup>d</sup>	40	1.33	53.20	5
7) Semi-annual excess emission reports <sup>i</sup>	40	2	80	0.5
<b>Subtotal Reporting Requirements (Private Sources)</b>				

<b>3. Reporting Requirements for State/Local Government Sources <sup>c</sup></b>				
A. Familiarization with rule requirements				
1) New Sources	40	1	40	0
2) Existing Sources	1	1	1	1
B. Required Activities				
1) Initial performance tests and reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg)	775	1	775	0
2) CEMS demonstration (SO <sub>2</sub> , NO <sub>x</sub> , opacity, CO, CO <sub>2</sub> , O <sub>2</sub> )				
a) Installation of CEM units	225	1	225	0
b) Initial demonstration	450	1	450	0
3) Annual performance tests and test reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg)	775	1	775	1
4) Quarterly Appendix F audits of CEMS (SO <sub>2</sub> , NO <sub>x</sub> , CO)				
a) RATA audit (one per year) <sup>d, e, h</sup>	350	1.33	465.5	1
b) RAA audit (three per year) <sup>f, h</sup>	130	4	520	1
c) Daily calibration and operation <sup>g</sup>	1	485.5	485.5	1
C. Create Information	See 3B			
D. Gather Information	See 3E			
E. Report Preparation				
1) Plant startup				
a) Preliminary and final material separation plans and siting analysis	270	1	270	0
b) Public meeting and comment response	140	1	140	0
c) Notification of construction	2	1	2	0
d) Notification of startup	2	1	2	0
2) Notification of initial performance tests	4	1	4	0
3) Initial compliance reports	40	1	40	0
4) Notification of CEMS demonstration	4	1	4	0
5) Initial CEMS demonstration report	40	1	40	0
6) Annual compliance reports <sup>d</sup>	40	1.33	53.2	1
7) Semi-annual excess emission reports <sup>i</sup>	40	2	80	0.5
<b>Subtotal Reporting Requirements (State/Local Government Sources)</b>				
<b>Total Reporting Requirements for Private and State/Local Government Sources</b>				
<b>4. Recordkeeping Requirements for Private Sources <sup>b</sup></b>				
A. Familiarization with rule requirements	See 3A			
B. Plan Activities	See 3B			
C. Implement Activities	See 3B			
D. Develop Record System	N/A			
E. Record information				
1) Record startups, shutdowns, and malfunctions <sup>j</sup>	4	47	188	5
2) Records of all emission rates, computations, tests <sup>j</sup>	4	47	188	5
3) Records of employee review of operations manual	4	1	4	5

4) Record amount of sorbent used for Hg and dioxin/furan control	4	4	16	5
F. Personnel Training	N/A			
G. Time for audits	N/A			
<b>Subtotal Recordkeeping Requirements (Private Sources)</b>				
<b>4. Recordkeeping Requirements for State/Local Government Sources<sup>c</sup></b>				
A. Familiarization with rule requirements	See 3A			
B. Plan Activities	See 3B			
C. Implement Activities	See 3B			
D. Develop Record System	N/A			
E. Record information				
1) Record startups, shutdowns, and malfunctions <sup>j</sup>	4	47	188	1
2) Records of all emission rates, computations, tests <sup>j</sup>	4	47	188	1
3) Records of employee review of operations manual	4	1	4	1
4) Record amount of sorbent used for Hg and dioxin/furan control	4	4	16	1
F. Personnel Training	N/A			
G. Time for audits	N/A			
<b>Subtotal Recordkeeping Requirements (State/Local Government Sources)</b>				
<b>Total Recordkeeping Requirements for Private and State/Local Government Sources</b>				
<b>TOTAL LABOR BURDEN AND COST (rounded):<sup>k</sup></b>				
<b>TOTAL CAPITAL AND O&amp;M COST (rounded):<sup>k</sup></b>				
<b>GRAND TOTAL (rounded):<sup>k</sup></b>				

### **ASSUMPTIONS**

<sup>a</sup> We have assumed that the average number of existing respondents that will be subject to the rule will be 6. There will be n over the three-year period of this ICR.

<sup>b</sup> This ICR uses the following labor rates for private sources: \$157.61 per hour for Executive, Administrative, and Managerial hour for Clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, September 2 Group.” The rates are from column 1, “Total compensation.” The rates have been increased by 110% to account for varying of employing workers beyond their wages and benefits, including business expenses associated with hiring, training, and equ

<sup>c</sup> This ICR uses the following labor rates for public sources: Managerial rate of \$70.56 (GS-13, Step 5, \$44.10 + 60%), Techr rate of \$28.34 (GS-6, Step 3, \$17.17 + 60%). These rates are from the Office of Personnel Management (OPM), “2022 Gene have been increased by 60 percent to account for the benefit packages available to government employees.

<sup>d</sup> There are an average of 1.33 affected facilities (i.e., sources or units) per respondent [8 facilities at 6 plants = 1.33 (Roundec

<sup>e</sup> Relative accuracy test audits (RATA) occur once per year for each affected facility (1 x 1.33 = 1.33).

<sup>f</sup> Relative accuracy audits (RAA) occur three times per year for each affected facility (3 x 1.33 = 4).

<sup>g</sup> Daily calibration and operation data occurs daily (365 x 1.33 = 485.5).

- <sup>h</sup> RATA audits are performed for one of the four quarterly audits. RAA tests are performed for three of the four quarterly audits because tests on SO<sub>2</sub> and CO monitors will incorporate the use of the diluent monitor.
- <sup>i</sup> Assumes a total of 2 semiannual excess emission reports (1 report for a privately-owned source and 1 report for a state/local government source).
- <sup>j</sup> Assumes 47 weeks of operation (90 percent availability) per year per facility.
- <sup>k</sup> Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

**Subpart**

123.94      157.61      62.52 Private  
 52.37      70.56      28.34 Public

Category	# Respondents per year
Private (New)	0
Private (Existing)	5
Private (Total)	5
Public (Existing)	1
Total	6

(E)	(F)	(G)	(H)
Technical Hours Per Year (Cx D)	Management Hours Per Year (Ex0.05)	Clerical Hours Per Year (Ex0.1)	Total Cost Per Year, \$
0	0	0	\$0
5	0.25	0.5	\$690.36
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
3875	193.75	387.50	\$535,030.94
2327.5	116.38	232.75	\$321,363.74
2600.00	130.00	260.00	\$358,988.50
2427.50	121.38	242.75	\$335,170.99
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
266.00	13.30	26.60	\$36,727.29
40	2	4	\$5,522.90
<b>13,272</b>			<b>\$1,593,495</b>

0	0	0	\$0.00
1	0.05	0.1	\$58.73
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
775	38.75	77.5	\$45,517.30
466	23.275	46.6	\$27,339.75
520.0	26	52	\$30,540.64
485.5	24.28	48.55	\$28,514.39
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
53.2	2.66	5.32	\$3,124.54
40	2	4	\$2,349.28
<b>2,691</b>			<b>\$137,445</b>
<b>15,963</b>			<b>\$1,730,939</b>
940	47.00	94.00	\$129,788.15
940	47.00	94.00	\$129,788.15
20	1.00	2.00	\$2,761.45

80	4.00	8.00	\$11,045.80
<b>2,277</b>			<b>\$273,384</b>
188	9.4	18.8	\$11,041.62
188	9.4	18.8	\$11,041.62
4	0.2	0.4	\$234.93
16	0.8	1.6	\$939.71
<b>455</b>			<b>\$23,258</b>
<b>2732</b>			<b>\$296,641</b>
<b>18,700</b>			<b>\$2,030,000</b>
			<b>\$154,000</b>
			<b>\$2,180,000</b>

1870 hr/response

o additional new sources that will become subject to the rule

il labor; \$123.94 per hour for Technical labor, and \$62.52 per  
:021 “Table 2. Civilian Workers, by Occupational and Industry  
industry wage rates and the additional overhead business costs  
ipping their employees.

ical rate of \$52.37 (GS-12, Step 1, \$32.73 + 60%), and Clerical  
ral Schedule” which excludes locality rates of pay. The rates

d)].



ditions. Audits of the diluent monitor ( $O_2$  or  $CO_2$ ) are not required

(government-owned source).

**Table 2: Average Annual EPA Burden and Cost – NSPS for Small Municipal Waste Combustors (40 CF**

Burden Item	(A)	(B)	(C)	(D)
	EPA Hours Per Occurrence	Number of Occurrences Per Year	EPA Person Hours Per Year (AxB)	Respondents Per Year <sup>a</sup>
1. Applications	N/A			
2. Read and Understand Rule Requirements	40	0	0	0
A. Create Information	0	0	0	0
B. Gather Information	0	0	0	0
C. Report Reviews				
1) Review preliminary and final material separation plans and siting analysis	8	1	8	0
2) Review notification of construction	2	1	2	0
3) Review notification of startup	2	1	2	0
4) Review notification of initial performance test	8	1	8	0
5) Review notification of initial CEMS demonstration	4	1	4	0
6) Review initial performance test report	40	1	40	0
7) Review initial CEMS demonstration report	40	1	40	0
8) Review annual compliance report	70	1	70	6
9) Review semi-annual excess emission report <sup>c</sup>	16	2	32	2
D. Prepare annual summary report	200	1	200	1
<b>TOTAL ANNUAL BURDEN AND COST (rounded) <sup>d</sup></b>				

**ASSUMPTIONS**

<sup>a</sup> We have assumed that the average number of respondents that will be subject to the rule will be 6. There will be no add three-year period of this ICR.

<sup>b</sup> This cost is based on the following labor rates: Managerial rate of \$70.56 (GS-13, Step 5, \$44.10 + 60%), Technical rate \$28.34 (GS-6, Step 3, \$17.17 + 60%). These rates are from the Office of Personnel Management (OPM), “2022 General S been increased by 60 percent to account for the benefit packages available to government employees.

<sup>c</sup> Assumes a total of 2 excess emissions reports from all affected facilities.

<sup>d</sup> Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

**R Part 60, Subpart AAAA) (Renewal)**

52.37          70.56          28.34

(E)	(F)	(G)	(H)
Tech Hours Per Year (Cx $D$ )	Management Hours Per Year (F=Ex0.05)	Clerical Hours Per Year (G=Ex0.1)	EPA Cost Per Year,\$ <sup>b</sup>
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
420	21.00	42	\$24,667.44
64	3.2	6.4	\$3,758.85
200	10	20	\$11,746.40
<b>787</b>			<b>\$40,200</b>

itional new sources that will become subject to the rule over the

of \$52.37 (GS-12, Step 1, \$32.73 + 60%), and Clerical rate of "schedule" which excludes locality rates of pay. The rates have

<b>Total Annual Responses</b>				
(A)	(B)	(C)	(D)	(E)
Information Collection Activity	Number of Respondents	Number of Responses	Number of Existing Respondents That Keep Records But Do Not Submit Reports	Total Annual Responses $E=(B \times C)+D$
Plant Startup (Waste Separation Plan, Notifications, etc.) <sup>a</sup>	0	4	0	0
Notifications (Performance Test, CEMS Demonstration, etc.) <sup>a</sup>	0	4	0	0
Annual Reports <sup>b</sup>	6	1.33	0	8
Semiannual Excess Emission Reports <sup>c</sup>	2	1	0	2
			<b>Total</b>	10

<sup>a</sup> New respondents include sources with constructed, reconstructed and modified affected facilities. We assume no new respondents will be subject to the rule in the next three years.

<sup>b</sup> There is an average of 1.33 affected facility (i.e. sources or units) per respondent (i.e. plant).  
8 facilities / 6 plants = 1.33 facilities/plant (rounded).

<sup>c</sup> Assumes a total of 2 semiannual excess emission reports (1 report for a privately-owned source and 1 report for a state/local government-owned source).

<b>Capital/Startup vs. Operation and Maintenance</b>			
<b>(A)</b>	<b>(B)</b>	<b>(C)</b>	<b>(D)</b>
<b>Continuous Monitoring Device</b>	<b>Capital/Startup Cost for One Respondent</b>	<b>Number of New Respondents <sup>a</sup></b>	<b>Total Capital/Startup Cost, (B X C)</b>
Load monitors, temperature monitors, and carbon federate monitors (Sections 60.1315 thru 60.1335)	\$200,000	0	\$0
<b>Totals (rounded) <sup>c</sup></b>			\$0

<sup>a</sup> We estimate that no additional facilities will become subject to this subpart over the next three years.

<sup>b</sup> The estimated number of facilities with O&M costs includes the 8 existing small MWC units (at 6 plants).

<sup>c</sup> Totals have been rounded to 3 significant digits. Figures may not add exactly due to rounding.

**(O&M) Costs**

<b>(E)</b>	<b>(F)</b>	<b>(G)</b>
<b>Annual O&amp;M Costs for One Respondent</b>	<b>Number of Respondents with O&amp;M<sup>b</sup></b>	<b>Total O&amp;M, (E X F)</b>
\$19,200	8	\$153,600
		\$154,000

\$154,000

<b>Number of Respondents</b>				
	<b>Respondents That Submit Reports</b>		<b>Respondents That Do Not Submit Any Reports</b>	
	<b>(A)</b>	<b>(B)</b>	<b>(C)</b>	<b>(D)</b>
<b>Year</b>	<b>Number of New Respondents <sup>a</sup></b>	<b>Number of Existing Respondents</b>	<b>Number of Existing Respondents that keep records but do not submit reports</b>	<b>Number of Existing Respondents That Are Also New Respondents</b>
1	0	6	0	0
2	0	6	0	0
3	0	6	0	0
Average	0	6	0	0

<sup>a</sup> New respondents include sources with constructed and reconstructed affected facilities.

<b>(E)</b>
<b>Number of Respondents (E=A+B+C-D)</b>
6
6
6
<b>6</b>