U.S. Environmental Protection Agency

Information Collection Request

**Title:** NSPS for Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or before August 30, 1999 (40 CFR Part 60, Subpart BBBB) (Renewal)

**OMB Control Number:** 2060-0424

**EPA ICR Number:** 1901.09

**Abstract:**

The Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or Before August 30, 1999 were originally promulgated in December 1995, but were vacated by the Federal Court during March 1997. Subsequently, the Emission Guidelines were re-proposed on August 30, 1999; and promulgated on December 6, 2000. The Emission Guidelines regulate organics (dioxin/furans), metals (cadmium, lead, mercury), particulate matter, and acid gases (hydrogen chloride, sulfur dioxide, and nitrogen oxides) for small Municipal Waste Combustion (MWC) units. Small MWC units are MWC units with capacities to combust greater than 35 tons per day (tpd) and less than 250 tons per day (tpd) of municipal solid waste. The Emission Guidelines contain monitoring, reporting, and recordkeeping requirements that are to be included in state plans. If a State/Local Agency does not develop, adopt, and submit an approvable State plan, then facilities in that state are subject to the Federal Plan (Federal Plan Requirements for Small Municipal Waste Combustion Units Constructed On or Before August 30, 1999 (40 CFR Part 62, Subpart JJJ)), adopted on January 31, 2003. The Federal Plan implements the emission guidelines in jurisdictions that have not developed an approved State Plan. These regulations do not directly apply to small MWC unit owners and operators. However, MWC unit owners and operators must comply with either the State or Federal plans to implement the emission guidelines contained in this Subpart. This Information Collection Request (ICR) identifies the burden to both respondents (owners or operators of small MWC units) and the Designated Administrator (either state/local agencies or the Federal government) to implement the emission guidelines imposed by the State plans. This information is being collected to assure compliance with 40 CFR Part 60, Subpart BBBB.

In general, all Emission Guidelines require initial notifications, performance tests, and periodic reports by the owners/operators of the affected facilities. They are also required to maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility, or any period during which the monitoring system is inoperative. These notifications, reports, and records are essential in determining compliance, and are required of all affected facilities subject to these Emission Guidelines.

EPA estimates that 28 small MWC units at 14 facilities will be subject to the regulation in the next three years.

The Office of Management and Budget (OMB) approved the currently-active ICR without any “Terms of Clearance.”

**Supporting Statement A**

1. **NEED AND AUTHORITY FOR THE COLLECTION**

*Explain the circumstances that make the collection of information necessary. Identify any legal or administrative requirements that necessitate the collection.*

The EPA is charged under section 111(d)(1) of the Clean Air Act (CAA), as

amended, to:

**. . .** prescribe regulations which shall establish a procedure similar to that provided by section 110 under which each State shall submit to the Administrator a plan which (A) establishes standards of performance for any existing source for any air pollutant (i) for which air quality criteria have not been issued or which is not included on a list published under section 108(a) **. . .** but (ii) to which a standard of performance under this section would apply if such existing source were a new source, and (B) provides for the implementation and enforcement of such standards of performance.

The EPA is required under section 129 of the Act, to establish guidelines for existing stationary sources that reflect the maximum achievable control technology (MACT) for achieving continuous emission reductions:

Section 129(a)(1)(A) states:

The Administrator shall establish performance standards and other requirements pursuant to section 111 and this section for each category of solid waste incineration units. Such standards shall include emissions limitations and other requirements applicable to new units and guidelines (under section 111(d) and this section) and other requirements applicable to existing units.

Section 129(a)(2) states:

Standards applicable to solid waste incineration units promulgated under section 111 and this section shall reflect the maximum degree of reduction in emissions of air pollutants listed under section (a)(4) that the Administrator, taking into consideration the cost of achieving such emission reduction, and any non-air quality health and environmental impacts and energy requirements, determines is achievable for new or existing units in each category.

Section 129(b)(1) states:

Performance standards under this section and section 111 for solid waste incineration units shall include guidelines promulgated pursuant to section 111(d) and this section applicable to existing units. Such guidelines shall include, as provided in this section, each of the elements required by subsection (a) (emissions limitations, notwithstanding any restriction in section 111(d) regarding issuance of such limitations), subsection (c) (monitoring), subsection (d) (operator training), subsection (e) (permits), and subsection (h)(4) (residual risk).

Subpart B of 40 CFR part 60 requires State plans to include monitoring, recordkeeping, and reporting provisions consistent with the emission guidelines. In addition, section 114(a)(1) states that:

the Administrator may require any person who owns or operates any emission source, who manufactures emission control equipment or process equipment, who the Administrator believes may have information necessary for the purposes set forth in this subsection, or who is subject to any requirement of this Act (other than a manufacturer subject to the provisions of section 206(c) or 208 with respect to a provision of title II) on a one-time, periodic or continuous basis to -

(A) establish and maintain such records;

(B) make such reports;

(C) install, use, and maintain such monitoring equipment, and use such audit procedures,

or methods;

(D) sample such emissions (in accordance with such procedures or methods, at such locations, at such intervals, during such periods and in such manner as the Administer shall prescribe);

(E) keep records on control equipment parameters, production variables or other indirect data when direct monitoring of emissions is impractical;

(F) submit compliance certifications in accordance with section 114(a)(3); and

(G) provide such other information, as the Administrator may reasonably require; . . . .

In the Administrator's judgment, organics, metals, and acid gases emissions from small MWCs either cause or contribute to air pollution that may reasonably be anticipated to endanger public health and/or welfare. Therefore, the Emission Guidelines were promulgated for this source category at 40 CFR Part 60,Subpart BBBB.

1. **PRACTICAL UTILITY/USERS OF THE DATA**

*Indicate how, by whom, and for what purpose the information is to be used. Except for a new collection, indicate the actual use the agency has made of the information received from the current collection.*

The recordkeeping and reporting requirements in these standards ensure compliance with the applicable regulations which were promulgated in accordance with the Clean Air Act. The collected information is also used for targeting inspections, and as evidence in legal proceedings.

Performance tests are required in order to determine an affected facility’s initial capability to comply with these emission standards. Continuous emission monitors are used to ensure compliance with these same standards at all times. During the performance test a record of the operating parameters, under which compliance was achieved, may be recorded and used to determine compliance in place of a continuous emission monitor.

The notifications required in these standards are used to inform the Agency or its delegated Authority when a source becomes subject to the requirements of the regulations. The reviewing authority may then inspect the source to check if the pollution control devices are properly installed and operated, leaks are being detected and repaired, and that these standards are being met. The performance test may also be observed.

The required annual and semiannual reports are used to determine periods of excess emissions, identify problems at the facility, verify operation/maintenance procedures, and for compliance determinations.

1. **USE OF TECHNOLOGY**

*Describe whether, and to what extent, the collection of information involves the use of automated, electronic, mechanical, or other technological collection techniques or other forms of information technology, e.g., permitting electronic submission of responses, and the basis for the decision for adopting this means of collection. Also describe any consideration of using information technology to reduce burden.*

Some of the respondents are using monitoring equipment that automatically records parameter data. Although personnel at the affected facility must still evaluate the data, internal automation has significantly reduced the burden associated with monitoring and recordkeeping at a plant site.

1. **EFFORTS TO IDENTIFY DUPLICATION**

*Describe efforts to identify duplication. Show specifically why any similar information already available cannot be used or modified for use for the purposes described in Item 2 above.*

For reports required to be submitted electronically, the information is sent through the EPA's CDX, using CEDRI, where the appropriate EPA regional office can review it, as well as state and local agencies that have been delegated authority. If a state or local agency has adopted under its own authority its own standards for reporting or data collection, adherence to those non-Federal requirements does not constitute duplication.

For all other reports, if the subject standards have not been delegated, the information is sent directly to the appropriate EPA regional office. Otherwise, the information is sent directly to the delegated state or local agency. If a state or local agency has adopted its own standards to implement the Federal standards, a copy of the report submitted to the state or local agency can be sent to the Administrator in lieu of the report required by the Federal standards. Therefore, duplication does not exist.

1. **MINIMIZING BURDEN ON SMALL BUSINESSES AND SMALL ENTITIES**

*If the collection of information impacts small businesses or other small entities, describe any methods used to minimize burden.*

Some of the small MWC units potentially affected by the Emission Guidelines are owned by small businesses, non-profit organizations or governments. The EPA does not expect these standards to adversely affect these small entities. These standards only apply to units with capacities between 35 tpd and 250 tpd. Furthermore, the standards contain provisions for reduced testing. Owners of small MWC units where the aggregate plant capacity is less than 250 tpd can skip annual tests for 2-year periods for certain pollutants if they have demonstrated compliance for three annual tests in a row. In addition to this 3-year testing option, less-frequent dioxin/furan testing is possible if all units at a plant achieve emission levels less than the emission limit for two consecutive years. This provision allows plants to test only one unit per year, rather than all units, as normally required.

1. **CONSEQUENCES OF LESS FREQUENT COLLECTION**

*Describe the consequence to Federal program or policy activities if the collection is not conducted or is conducted less frequently, as well as any technical or legal obstacles to reducing burden.*

Less frequent information collection would decrease the margin of assurance that facilities are continuing to meet the standards. Requirements for information gathering and recordkeeping are useful techniques to ensure that good operation and maintenance practices are applied and emission limitations are met. If the information required by these standards was collected less frequently, the proper operation and maintenance of control equipment and the possibility of detecting violations would be less likely.

1. **GENERAL GUIDELINES**

*Explain any special circumstances that require the collection to be conducted in a manner inconsistent with OMB guidelines.*

These reporting or recordkeeping requirements do not violate any of the regulations promulgated by OMB under 5 CFR Part 1320, Section 1320.5.

These standards require the respondents to maintain all records, including reports and notifications for at least five years. This is consistent with the General Provisions as applied to the standards. EPA believes that the five-year records retention requirement is consistent with the Part 70 permit program and the five-year statute of limitations on which the permit program is based. The retention of records for five years allows EPA to establish the compliance history of a source, any pattern of non-compliance and to determine the appropriate level of enforcement action. EPA has found that the most flagrant violators have violations extending beyond five years. In addition, EPA would be prevented from pursuing the violators due to the destruction or nonexistence of essential records.

1. **PUBLIC COMMENT AND CONSULTATIONS**

**8a. Public Comment**

*If applicable, provide a copy and identify the date and page number of publication in the Federal Register of the Agency's notice, required by 5 CFR 1320.8(d), soliciting comments on the information collection prior to submission to OMB. Summarize public comments received in response to that notice and describe actions taken by the Agency in response to these comments. Specifically address comments received on cost and hour burden.*

An announcement of a public comment period for the renewal of this ICR was published in the Federal Register (89 FR 63933) on August 6, 2024. No comments were received on the burden published in the Federal Register for this renewal.

**8b. Consultations**

*Describe efforts to consult with persons outside the Agency to obtain their views on the availability of data, frequency of collection, the clarity of instructions and recordkeeping, disclosure, or reporting format (if any), and on the data elements to be recorded, disclosed, or reported. Consultation with representatives of those from whom information is to be obtained or those who must compile records should occur at least once every 3 years - even if the collection of information activity is the same as in prior periods. There may be circumstances that may preclude consultation in a specific situation. These circumstances should be explained.*

The Agency has consulted industry experts and internal data sources to project the number of affected facilities and industry growth over the next three years. The primary source of information as reported by industry, in compliance with the recordkeeping and reporting provisions in the standard, is the Integrated Compliance Information System (ICIS). ICIS is EPA’s database for the collection, maintenance, and retrieval of compliance data for industrial and government-owned facilities. The growth rate for the industry is based on our consultations with the Agency’s internal industry experts. Approximately six respondents will be subject to the standard over the three-year period covered by this ICR.

Industry trade association(s) and other interested parties were provided an opportunity to comment on the burden associated with the standard as it was being developed, and the standard has been previously reviewed to determine the minimum information needed for compliance purposes. In developing this ICR, we contacted both the Solid Waste Association of North America (SWANA) at (800) 467-9262, and the National Waste & Recycling Association at (202) 244-4700. In this case, no comments were received.

It is our policy to respond after a thorough review of comments received since the last ICR renewal as well as those submitted in response to the first Federal Register notice. In this case, no comments were received.

1. **PAYMENTS OR GIFTS TO RESPONDENTS**

*Explain any decisions to provide payments or gifts to respondents, other than remuneration of contractors or grantees.*

No payments or gifts are made to respondents.

1. **ASSURANCE OF CONFIDENTIALITY**

*Describe any assurance of confidentiality provided to respondents and the basis for the assurance in statute, regulation, or Agency policy. If the collection requires a systems of records notice (SORN) or privacy impact assessment (PIA), those should be cited and described here.*

Any information submitted to the Agency for which a claim of confidentiality is made will be safeguarded according to the Agency policies set forth in Title 40, chapter 1, part 2, subpart B - Confidentiality of Business Information (see 40 CFR 2; 41 FR 36902, September 1, 1976; amended by 43 FR 40000, September 8, 1978; 43 FR 42251, September 20, 1978; 44 FR 17674, March 23, 1979).

1. **JUSTIFICATION FOR SENSITIVE QUESTIONS**

*Provide additional justification for any questions of a sensitive nature, such as sexual behavior and attitudes, religious beliefs, and other matters that are commonly considered private. This justification should include the reasons why the Agency considers the questions necessary, the specific uses to be made of the information, the explanation to be given to persons from whom the information is requested, and any steps to be taken to obtain their consent.*

The reporting or recordkeeping requirements in the standard do not include sensitive questions.

1. **RESPONDENT BURDEN HOURS & LABOR COSTS**

*Provide estimates of the hour burden of the collection of information. The statement should:*

* *Indicate the number of respondents, frequency of response, annual hour burden, and an explanation of how the burden was estimated. Generally, estimates should not include burden hours for customary and usual business practices.*
* *If this request for approval covers more than one form, provide separate hour burden estimates for each form and the aggregate the hour burdens.*
* *Provide estimates of annualized cost to respondents for the hour burdens for collections of information, identifying and using appropriate wage rate categories. The cost of contracting out or paying outside parties for information collection activities should not be included here. Instead, this cost should be included as O&M costs under non-labor costs covered under question 13.*

**12a. Respondents/NAICS Codes**

The respondents to the recordkeeping and reporting requirements are small MWC units constructed on or before August 30, 1999. The United States Standard Industrial Classification (SIC) codes and the corresponding North American Industry Classification System (NAICS) codes for the respondents affected by the standards are listed in the table below:

|  |  |  |
| --- | --- | --- |
| **Standard (40 CFR part 60, Subpart BBBB)** | **SIC Codes** | **NAICS Codes** |
| Air and Water Resource and Solid Waste Management | 9511 | 924110 |
| Refuse System; Solid Waste Combustors and Incinerators | 4953 | 562213 |

Based on our research for this ICR, on average over the next three years, approximately 14 existing respondents and 6 state, local, or tribal governments will be subject to the standard. It is estimated that no additional respondents per year will become subject, for an overall total of 14 respondents per year. The number of respondents and state, local, or tribal governments are calculated using the tables Number of States Implementing State Plans and Number of Respondents that address the three years covered by this ICR. Nine of the 14 of the facilities in the United States are owned by either state, local, or tribal entities or by the Federal government. We assume that they will all respond to EPA inquiries. Based on our consultations with industry representatives, there is an average of 2 facilities at each plant site and each plant site has only one respondent (i.e., the owner/operator of the plant site).

The total number of annual responses per year is calculated using the table Total Annual Responses shown below. The number of Total Annual Responses is 31.

**12b. Information Requested**

In this ICR, all the data that are recorded or reported is required by the NSPS for Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or before August 30, 1999 (40 CFR part 60, Subpart BBBB). Any owner/operator subject to the provisions of this part shall maintain a file of these measurements and retain the file for at least five years following the date of such measurements, maintenance reports, and records.

State/US protectorates must perform the following requirements:

|  |  |
| --- | --- |
| **Requirement** | |
| Submit a state plan | §60.1505 |
| Submit a negative declaration | §60.1510 |

A source must make the following reports:

| **Notifications** | |
| --- | --- |
| Construction/reconstruction | §60.7(a)(1) |
| Notification of completion of each increment of progress | §60.1585 |
| Actual startup | §60.7(a)(3) |
| Performance test and demonstration of continuous monitoring system | §60.7(a)(5) |
| Physical or operational change | §60.7(a)(4) |

| **Reports** | |
| --- | --- |
| Initial report | §60.8 (a) & (d), §60.1860, §60.1875 |
| Annual Report | §60.1880 |
| Semiannual reports for any emission or parameter that does not meet limits | §60.1890, §60.1895, §60.1900 |

A source must keep the following records:

| **Recordkeeping** | |
| --- | --- |
| Startups, shutdowns, and malfunctions, periods where the continuous monitoring system is inoperative. | §60.7(b) & (c)(2) |
| Emission test results and other data needed to determine emissions. | §60.1830, §60.1835, §60.1845 |
| Operator training & certification | §60.1830, §60.1835, §60.1840 |
| Record for MWCs using activated carbon | §60.1830, §60.1835, §60.1855 |
| Records for continuously monitored pollutants or parameters. | §60.1830, §60.1850 |
| Records are required to be retained for five years. All five years of records must be retained at the facility. | §60.1835 |

**12c. Respondent Activities**

| **Respondent Activities** |
| --- |
| Familiarization with the regulatory requirements. |
| Install, calibrate, maintain, and operate CEMS for SO2, NOx, opacity, CO, CO2 & O2. |
| Perform initial performance test and reports (PM, dioxin/furans, opacity, fugitives, HCl, Cd, Pb, Hg), and repeat performance tests if necessary. |
| Write the notifications and reports listed above. |
| Enter information required to be recorded above. |
| Submit the required reports developing, acquiring, installing, and utilizing technology and systems for collecting, validating, and verifying information. |
| Develop, acquire, install, and utilize technology and systems for processing and maintaining information. |
| Develop, acquire, install, and utilize technology and systems for disclosing and providing information. |
| Train personnel to be able to respond to a collection of information. |
| Transmit, or otherwise disclose the information. |

**12d. Respondent Burden Hours and Labor Costs**

Tables 1a and 1b document the computation of individual burdens for the recordkeeping and reporting requirements applicable to the industry for the subpart included in this ICR. The individual burdens are expressed under standardized headings believed to be consistent with the concept of burden under the Paperwork Reduction Act. Where appropriate, specific tasks and major assumptions have been identified. Responses to this information collection are mandatory.

Table 1c documents the computation of annual burden for State and local agencies that implement and enforce the State plan or that have requested and received delegation of enforcement of the Federal Plan. State and local agency ‘burden’ is expressed under standardized headings, which are believed to be consistent with the concept of burden under the Paperwork Reduction Act. Where appropriate, specific tasks and major assumptions have been identified in the table. On average, 6 State/local agencies will be enforcing State plans that cover 14 small MWC units affected by State plans. State and local agencies conduct the same activities as EPA.

The average annual burden to industry over the next three years from these recordkeeping and reporting requirements is estimated to be 55,600 hours (Total Labor Hours from Tables 1a and 1b). The average annual burden to State and local agencies that implement and enforce State plans is 447 hours (Total Labor Hours from Table 1c). These hours are based on Agency studies and background documents from the development of the regulation, Agency knowledge and experience with the emission guidelines program, the previously approved ICR, and any comments received.

This ICR uses the following labor rates:

Managerial $172.41 ($82.10 + 110%)

Technical $141.75 ($67.50 + 110%)

Clerical $71.36 ($33.98 + 110%)

These rates are from the United States Department of Labor, Bureau of Labor Statistics, December 2023, “Table 2. Civilian workers by occupational and industry group.” The rates are from column 1, “Total compensation.” The rates are increased by 110 percent to account for varying industry wage rates and the additional overhead business costs of employing workers beyond their wages and benefits, including business expenses associated with hiring, training, and equipping their employees.

For public-sector respondents (i.e., state or local agencies), EPA applied the same Federal government employee labor rates as EPA agency staff, which are presented in Section 14. Details upon which this estimate is based appear in Table 1b: Annual Public Respondent Burden and Cost – Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or Before August 30, 1999 (40 CFR Part 60, Subpart BBBB) (Renewal) and Table 1c: Average Annual State/Local Agency Burden and Cost – Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or Before August 30, 1999 (40 CFR Part 60, Subpart BBBB) (Renewal).

We assume that burdens for managerial tasks take 5% of the time required for technical tasks because the typical tasks for managers are to review and approve reports. Clerical burdens are assumed to take 10% of the time required for technical tasks because the typical duties of clerical staff are to proofread the reports, make copies and maintain records.

1. **Respondent CAPITAL AND O&m CostS**

*Provide an estimate for the total annual cost burden to respondents or record keepers resulting from the collection of information. (Do not include the cost of any hour burden already reflected on the burden worksheet).*

*The cost estimate should be split into two components: (a) a total capital and start-up cost*

*component (annualized over its expected useful life) and (b) a total operation and maintenance and purchase of services component. The estimates should consider costs associated with generating, maintaining, and disclosing or providing the information. Include descriptions of methods used to estimate major cost factors including system and technology acquisition, expected useful life of capital equipment, the discount rate(s), and the period over which costs will be incurred. Capital and start-up costs include, among other items, preparations for collecting information such as purchasing computers and software; monitoring, sampling, drilling, and testing equipment; and record storage facilities.*

*If cost estimates are expected to vary widely, agencies should present ranges of cost burdens and explain the reasons for the variance. The cost of purchasing or contracting out information collections services should be a part of this cost burden estimate.*

*Generally, estimates should not include purchases of equipment or services, or portions thereof, made: (1) prior to October 1, 1995, (2) to achieve regulatory compliance with requirements not associated with the information collection, (3) for reasons other than to provide information or keep records for the government, or (4) as part of customary and usual business or private practices.*

The type of industry costs associated with the information collection activities in the subject standard(s) are both labor costs which are addressed elsewhere in this ICR and the costs associated with continuous monitoring. The capital/startup costs are one-time costs when a facility becomes subject to this regulation. The annual operation and maintenance costs are the ongoing costs to maintain the monitor(s) and other costs such as photocopying and postage.

The total capital/startup costs for this ICR are $0. This is the total of column D shown below in the table Capital/Startup vs. Operation and Maintenance (O&M) Costs.

The total operation and maintenance (O&M) costs for this ICR are $411,000. This is the total of column G shown below in the table Capital/Startup vs. Operation and Maintenance (O&M) Costs.

The average annual cost for capital/startup and operation and maintenance costs to industry over the next three years of the ICR is estimated to be $411,000.

1. **AGENCY COSTS**

*Provide estimates of annualized costs to the Federal government. Also, provide a description of the method used to estimate cost, which should include quantification of hours, operational expenses (such as equipment, overhead, printing, and support staff), and any other expense that would not have been incurred without this collection of information.*

**14a. Agency Activities**

The EPA conducts the following activities in connection with the acquisition, analysis, storage, and distribution of the required information:

• Review notifications and reports, including performance test reports, and excess emissions reports, required to be submitted by industry.

• Audit facility records.

• Input, analyze, and maintain data in the Enforcement and Compliance History Online (ECHO) and ICIS.

Following notification of startup, the reviewing authority could inspect the source to determine whether the pollution control devices are properly installed and operated. Performance test reports are used by the Agency to discern a source’s initial capability to comply with the emission standard, and note the operating conditions under which compliance was achieved. Data and records maintained by the respondents are tabulated and published for use in compliance and enforcement programs. The semiannual reports are used for problem identification, as a check on source operation and maintenance, and for compliance determinations.

Information contained in the reports is reported by state and local governments in the ICIS Air database, which is operated and maintained by EPA's Office of Compliance. EPA uses ICIS for tracking air pollution compliance and enforcement by local and state regulatory agencies, EPA regional offices and EPA headquarters. EPA and its delegated Authorities can edit, store, retrieve and analyze the data.

**14b. Agency Labor Cost**

The ‘burden’ to the Federal Government is attributed entirely to work performed by either Federal employees or government contractors. The only costs to the Agency are those costs associated with analysis of the reported information. The EPA's overall compliance and enforcement program includes such activities as the examination of records maintained by the respondents, periodic inspection of sources of emissions, and the publication and distribution of collected information. The average annual Agency burden and cost during the three years of the ICR is estimated to be 576 hours at a cost of $32,100. See Table 2: Average Annual EPA Burden and Cost – NSPS for Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or before August 30, 1999 (40 CFR Part 60, Subpart BBBB) (Renewal).

This cost is based on the average hourly labor rate as follows:

Managerial $76.91 (GS-13, Step 5, $48.07 + 60%)

Technical $57.07 (GS-12, Step 1, $35.67 + 60%)

Clerical $30.88 (GS-6, Step 3, $19.30+ 60%)

These rates are from the Office of Personnel Management (OPM), 2024 General Schedule, which excludes locality, rates of pay. The rates have been increased by 60 percent to account for the benefit packages available to government employees. Details upon which this estimate is based appear at the end of this document in Table 2: Average Annual EPA Burden and Cost –NSPS for Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or before August 30, 1999 (40 CFR part 60, Subpart BBBB) (Renewal).

**14c. Agency Non-Labor Costs**

There are no non-labor costs to the Agency associated with this information collection.

1. **REASONS FOR CHANGE IN BURDEN**

*Explain the reasons for any program changes or adjustments reported in the burden or capital/O&M cost estimates.*

There is a decrease in burden and labor costs from the most recently approved ICR due to an adjustment. The adjustment decrease in burden is due to more accurate estimates of existing sources. The EPA has determined that several sources have closed since the previously-approved ICR renewal. The decrease in costs is offset somewhat by the use of updated labor rates. This ICR uses labor rates from the most recent Bureau of Labor Statistics report (December 2023) to calculate respondent burden costs. Because there is a decrease in the number of respondents, there is also a decrease in the capital/O&M costs from the most recently approved ICR. The capital/O&M costs were increased from 2009 $ to 2023 $ using the CEPCI CE Index; however, the result is a net decrease in the capital/O&M costs.

1. **PUBLICATION OF DATA**

*For collections of information whose results will be published, outline plans for tabulation and publication. Address any complex analytical techniques that will be used. Provide the time schedule for the entire project, including beginning and ending dates of the collection of information, completion of report, publication dates, and other actions.*

Although this rule does not require electronic reporting, respondents could choose to submit notifications or reports electronically. All non-CBI data submitted electronically to the Agency through CEDRI are available to the public for review and printing and are accessible using WebFIRE. Electronically submitted emissions data from performance testing or performance evaluations using the Electronic Reporting Tool or templates attached to CEDRI, as well as data from reports from regulations with electronic templates, are tabulated; data submitted as portable document format (PDF) files attached to CEDRI are neither tabulated nor subject to complex analytical techniques. Electronically submitted emissions data used to develop emissions factors undergo complex analytical techniques and the draft emissions factors are available on the Clearinghouse for Inventories and Emission Factors listserv at https://www.epa.gov/chief/chief-listserv for public review and printing. Electronically submitted emissions data, as well as other data, obtained from one-time or sporadic information collection requests often undergo complex analytical techniques; results of those activities are included in individual rulemaking dockets and are available at https://www.regulations.gov/ for public review and printing.

1. **DISPLAY OF EXPIRATION DATE**

*If seeking approval to not display the expiration date for OMB approval of the information collection, explain the reasons that display would be inappropriate.*

EPA will display the expiration date for OMB approval of the information collection.

1. **CERTIFICATION STATEMENT**

*Explain each exception to the topics of the certification statement identified in “Certification for Paperwork Reduction Act Submissions.”*

There are no exceptions to the topics of the certification statement.

**Table 1a: Annual Respondent Burden and Cost for Private Industry – NSPS for Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or before August 30, 1999 (40 CFR part 60, Subpart BBBB) (Renewal)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Burden item** | **(A) Person-hours per occurrence** | **(B) No. of occurrence per respondent per year** | **(C) Person-hours per respondent per year  (C=AxB)** | **(D) Respondents per yeara, b** | **(E) Technical person-hours per year  (E=CxD)** | **(F) Management person-hours per year  (F=E x 0.05)** | **(G) Clerical person hours per year  (G = E x 0.1)** | **(H) Cost$ c** |
|  |  |  |  |  |  |  |  |  |
| 1. Applications | N/A |  |  |  |  |  |  |  |
| 2. Survey and Studies | N/A |  |  |  |  |  |  |  |
| 3. Reporting Requirements |  |  |  |  |  |  |  |  |
| A. Familiarization with Regulatory Requirements | 4 | 1 | 4 | 5 | 20 | 1 | 2 | $3,150.13 |
| B. Required Activities |  |  |  |  |  |  |  |  |
| i. Initial performance tests and reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg) | 775 | 1 | 775 | 0 | 0 | 0 | 0 | $0 |
| ii. CEMS demonstration (SO2, NOx, opacity, CO, CO2, O2) |  |  |  |  |  |  |  | $0 |
| a. Installation of CEM units | 225 | 1 | 225 | 0 | 0 | 0 | 0 | $0 |
| b. Initial demonstration | 450 | 1 | 450 | 0 | 0 | 0 | 0 | $0 |
| iii. Annual performance tests and test reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg) | 775 | 1 | 775 | 5 | 3,875.00 | 193.75 | 387.5 | $610,337.69 |
| iv. Quarterly Appendix F audits of CEMS (SO2, NOx, CO) |  |  |  |  |  |  |  |  |
| a. RATA audit (one per year) d | 350 | 2.4 | 840 | 5 | 4,200.00 | 210 | 420.0 | $661,527.30 |
| b. RAA audit (three per year) e | 130 | 7.2 | 936 | 5 | 4,680.00 | 234.00 | 468.0 | $737,130.42 |
| c. Daily calibration and operation f | 1 | 876 | 876 | 5 | 4,380.00 | 219 | 438 | $689,878.47 |
| C. Create Information | See 3B |  |  |  |  |  |  |  |
| D. Gather Information | See 3E |  |  |  |  |  |  |  |
| E. Report Preparation |  |  |  |  |  |  |  |  |
| i. Plant startup |  |  |  |  |  |  |  |  |
| a. Plant Control Plan | 40 | 1 | 40 | 0 | 0 | 0 | 0 | $0 |
| b. Notification of Contract Awards | 4 | 1 | 4 | 0 | 0 | 0 | 0 | $0 |
| c. Notification of on-site construction start | 4 | 1 | 4 | 0 | 0 | 0 | 0 | $0 |
| d. Notification of construction completion | 4 | 1 | 4 | 0 | 0 | 0 | 0 | $0 |
| e. Notification of final completion | 4 | 1 | 4 | 0 | 0 | 0 | 0 | $0 |
| ii. Notification of initial performance tests | 4 | 1 | 4 | 0 | 0 | 0 | 0 | $0 |
| iii. Initial compliance reports | 40 | 1 | 40 | 0 | 0 | 0 | 0 | $0 |
| iv. Notification of CEMS demonstration | 4 | 1 | 4 | 0 | 0 | 0 | 0 | $0 |
| v. Initial CEMS demonstration report | 90 | 1 | 90 | 0 | 0 | 0 | 0 | $0 |
| vi. Annual compliance reports | 40 | 1 | 40 | 5 | 200 | 10.0 | 20.0 | $31,501.30 |
| vii. Semiannual excess emission reports g | 40 | 2 | 80 | 0.5 | 40 | 2 | 4 | $6,300.26 |
| ***Reporting Subtotal*** |  |  |  |  | ***20,004*** | | | ***$2,739,826*** |
| 4. Recordkeeping Requirements |  |  |  |  |  |  |  |  |
| A. Familiarization with Regulatory Requirements | See 3A |  |  |  |  |  |  |  |
| B. Plan Activities | See 3B |  |  |  |  |  |  |  |
| C. Implement Activities | See 3B |  |  |  |  |  |  |  |
| D. Develop Record System | N/A |  |  |  |  |  |  |  |
| E. Record information |  |  |  |  |  |  |  |  |
| i. Record startups, shutdowns, and malfunctions h | 4 | 47 | 188 | 5 | 940 | 47 | 94 | $148,056.11 |
| ii. Records of all emission rates, computations, tests h | 4 | 47 | 188 | 5 | 940 | 47 | 94 | $148,056.11 |
| iii. Records of employee review of operations manual | 4 | 1 | 4 | 5 | 20 | 1 | 2 | $3,150.13 |
| iv. Record amount of sorbent used for Hg and dioxin/furan control | 4 | 4 | 16 | 5 | 80 | 4 | 8 | $12,600.52 |
| F. Personnel Training | N/A |  |  |  |  |  |  |  |
| G. Time for audits | N/A |  |  |  |  |  |  |  |
| ***Recordkeeping subtotal*** |  |  |  |  | ***2,277*** | | | ***$311,863*** |
| **TOTAL LABOR BURDEN AND COST (Rounded):i** |  |  |  |  | **22,300** | | | **$3,050,000** |
| **Capital and O&M Cost (Rounded):i** |  |  |  |  |  |  |  | **$115,000** |
| **GRAND TOTAL (Rounded):i** |  |  |  |  |  |  |  | **$3,170,000** |
| **Assumptions:** |  |  |  |  |  |  |  |  |
| a Assumes an average of 5 private respondents and 2.4 affected facilities (i.e., sources or units) per respondent [12 facilities at 5 plants; 12/5 = 2.4]. | | | | | | | | |
| b No additional facilities will become subject to the standard over the next three years. | | | | | | | | |
| b This ICR uses the following labor rates: Managerial $172.41 ($82.10+ 110%); Technical $141.75 ($67.50 + 110%); and Clerical $71.36 ($33.98 + 110%). These rates are from the United States Department of Labor, Bureau of Labor Statistics, December 2023, “Table 2. Civilian workers by occupational and industry group.” The rates are from column 1, “Total compensation.” The rates are increased by 110 percent to account for varying industry wage rates and the additional overhead business costs of employing workers beyond their wages and benefits, including business expenses associated with hiring, training, and equipping their employees. | | | | | | | | |
| d Relative accuracy test audits (RATA) occur once per year for each affected facility (1 x 2.4 = 2.4). RATA are performed for one of the four quarterly audits. RAA tests are performed for three of the four quarterly audits. Audits of the diluent monitor (O2 or CO2) are not required because tests on SO2 and CO monitors will incorporate the use of the diluent monitor. | | | | | | | | |
| e Relative accuracy audits (RAA) occur three times per year for each affected facility (3 x 2.4 = 7.2). | | | | | | | | |
| f Daily calibration and operation data occurs daily [365 x 2.4 = 876 (Rounded)]. | | | | | | | | |
| g Assumes 10 percent of private sources (0.5) have affected facilities with excess emissions and must submit two semiannual reports. | | | | | | | | |
| h Assumes 47 weeks of operation (90 percent availability) per year per facility. | | | | | | | | |
| i Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding. | | | | | | | | |

**Table 1b: Annual Respondent Burden and Cost for Publicly-Owned Entities – NSPS for Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or before August 30, 1999 (40 CFR part 60, Subpart BBBB) (Renewal)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Burden item** | **(A) Person-hours per occurrence** | **(B) No. of occurrence per respondent per year** | **(C) Person-hours per respondent per year (C=AxB)** | **(D) Respondents per yeara, b** | **(E) Technical person-hours per year (E=CxD)** | **(F) Management person-hours per year (F=E x 0.05)** | **(G) Clerical person hours per year (G = E x 0.1)** | **(H) Cost$ c** |
| 1. Applications | N/A |  |  |  |  |  |  |  |
| 2. Survey and Studies | N/A |  |  |  |  |  |  |  |
| 3. Reporting Requirements |  |  |  |  |  |  |  |  |
| A. Familiarization with Regulatory Requirements | 4 | 1 | 4 | 9 | 36 | 1.8 | 3.6 | $2,304.20 |
| B. Required Activities |  |  |  |  |  |  |  |  |
| i. Initial performance tests and reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg) | 775 | 1 | 775 | 0 | 0 | 0 | 0 | $0.00 |
| ii. CEMS demonstration (SO2, NOx, opacity, CO, CO2, O2) |  |  |  |  |  |  |  | $0.00 |
| a. Installation of CEM units | 225 | 1 | 225 | 0 | 0 | 0 | 0 | $0.00 |
| b. Initial demonstration | 450 | 1 | 450 | 0 | 0 | 0 | 0 | $0.00 |
| iii. Annual performance tests and test reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg) | 775 | 1 | 775 | 9 | 6,975.00 | 348.75 | 697.5 | $446,439.06 |
| iv. Quarterly Appendix F audits of CEMS (SO2, NOx, CO) |  |  |  |  |  |  |  |  |
| a. RATA audit (one per year) d | 350 | 1.78 | 623 | 9 | 5,607.00 | 280.35 | 560.7 | $358,879.40 |
| b. RAA audit (three per year) e | 130 | 5.34 | 694.2 | 9 | 6,247.80 | 312.39 | 624.8 | $399,894.19 |
| c. Daily calibration and operation f | 1 | 650 | 650 | 9 | 5,850.00 | 292.5 | 585 | $374,432.76 |
| C. Create Information | See 3B |  |  |  |  |  |  |  |
| D. Gather Information | See 3E |  |  |  |  |  |  |  |
| E. Report Preparation |  |  |  |  |  |  |  |  |
| i. Plant startup |  |  |  |  |  |  |  |  |
| a. Plant Control Plan | 40 | 1 | 40 | 0 | 0 | 0 | 0 | $0.00 |
| b. Notification of Contract Awards | 4 | 1 | 4 | 0 | 0 | 0 | 0 | $0.00 |
| c. Notification of on-site construction start | 4 | 1 | 4 | 0 | 0 | 0 | 0 | $0.00 |
| d. Notification of construction completion | 4 | 1 | 4 | 0 | 0 | 0 | 0 | $0.00 |
| e. Notification of final completion | 4 | 1 | 4 | 0 | 0 | 0 | 0 | $0.00 |
| ii. Notification of initial performance tests | 4 | 1 | 4 | 0 | 0 | 0 | 0 | $0.00 |
| iii. Initial compliance reports | 40 | 1 | 40 | 0 | 0 | 0 | 0 | $0.00 |
| iv. Notification of CEMS demonstration | 4 | 1 | 4 | 0 | 0 | 0 | 0 | $0.00 |
| v. Initial CEMS demonstration report | 90 | 1 | 90 | 0 | 0 | 0 | 0 | $0.00 |
| vi. Annual compliance reports | 40 | 1.78 | 71.2 | 9 | 641 | 32.04 | 64.08 | $41,014.79 |
| vii. Semiannual excess emission reportsg | 40 | 2 | 80 | 0.9 | 72 | 3.6 | 7.2 | $4,608.40 |
| ***Reporting Subtotal*** |  |  |  |  | ***29,243*** | | | ***$1,627,573*** |
| 4. Recordkeeping Requirements |  |  |  |  |  |  |  |  |
| A. Familiarization with Regulatory Requirements | See 3A |  |  |  |  |  |  |  |
| B. Plan Activities | See 3B |  |  |  |  |  |  |  |
| C. Implement Activities | See 3B |  |  |  |  |  |  |  |
| D. Develop Record System | N/A |  |  |  |  |  |  |  |
| E. Record information |  |  |  |  |  |  |  |  |
| i. Record startups, shutdowns, and malfunctions h | 4 | 47 | 188 | 9 | 1,692 | 84.6 | 169.2 | $108,297.48 |
| ii. Records of all emission rates, computations, tests h | 4 | 47 | 188 | 9 | 1,692 | 84.6 | 169.2 | $108,297.48 |
| iii. Records of employee review of operations manual | 4 | 1 | 4 | 9 | 36 | 1.8 | 3.6 | $2,304.20 |
| iv. Record amount of sorbent used for Hg and dioxin/furan control | 4 | 4 | 16 | 9 | 144 | 7.2 | 14.4 | $9,216.81 |
| F. Personnel Training | N/A |  |  |  |  |  |  |  |
| G. Time for audits | N/A |  |  |  |  |  |  |  |
| ***Recordkeeping subtotal*** |  |  |  |  | ***4,099*** | | | ***$228,116*** |
| **TOTAL LABOR BURDEN AND COST (Rounded):** |  |  |  |  | **33,300** | | | **$1,860,000** |
| **Capital and O&M Cost (see Section 6(b)(iii)):** |  |  |  |  |  |  |  | **$307,000** |
| **TOTAL COST:** |  |  |  |  |  |  |  | **$2,170,000** |
| **Assumptions:** |  |  |  |  |  |  |  |  |
| a Assumes an average of 9 public respondents and 1.78 affected facilities (i.e., sources or units) per respondent [16 facilities at 9 plants; 16/9 = 1.78]. | | | | | | | | |
| b No additional facilities will become subject to the standard over the next three years. | | | | | | | | |
| b This cost is based on the average hourly labor rate as follows: Managerial $76.91 (GS-13, Step 5, $48.07 + 60%); Technical $57.07 (GS-12, Step 1, $35.67 + 60%); and Clerical $30.88 (GS-6, Step 3, $19.30+ 60%). This ICR assumes that Managerial hours are 5 percent of Technical hours, and Clerical hours are 10 percent of Technical hours. These rates are from the Office of Personnel Management (OPM), 2024 General Schedule, which excludes locality, rates of pay. The rates have been increased by 60 percent to account for the benefit packages available to government employees. | | | | | | | | |
| d Relative accuracy test audits (RATA) occur once per year for each affected facility (1 x 1.78 = 1.78). RATA are performed for one of the four quarterly audits. RAA tests are performed for three of the four quarterly audits. Audits of the diluent monitor (O2 or CO2) are not required because tests on SO2 and CO monitors will incorporate the use of the diluent monitor. | | | | | | | | |
| e Relative accuracy audits (RAA) occur three times per year for each affected facility (3 x 1.78 = 5.34). | | | | | | | | |
| f Daily calibration and operation data occurs daily [365 x 1.78 = 650 (Rounded)]. | | | | | | | | |
| g Assumes 10 percent of public sources (1.6) have affected facilities with excess emissions and must submit two semiannual reports. | | | | | | | | |
| h Assumes 47 weeks of operation (90 percent availability) per year per facility. | | | | | | | | |
| i Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding. | | | | | | | | |

**Table 1c: Average State/Local Burden and Cost – NSPS for Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or before August 30, 1999 (40 CFR part 60, Subpart BBBB) (Renewal)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **(A) No. occurrence per year** | **(B) Person-hours per occurrence** | **(C) Technical person-hours per year (C = A x B)** | **(D) Management person-hours per year  (D = C x 0.05)** | **(E) Clerical person-hours per year (E = C x 0.1)** | **(H) Costa $** |
| 1. Applications | N/A |  |  |  |  |  |
| 2. Report Reviews b, c |  |  |  |  |  |  |
| i. Review preliminary and final material separation plans and siting analysis | 0 | 8 | 0 | 0 | 0 | $0 |
| ii. Review notification of construction | 0 | 2 | 0 | 0 | 0 | $0 |
| iii. Review notification of startup | 0 | 2 | 0 | 0 | 0 | $0 |
| iv. Review notification of initial performance test | 0 | 8 | 0 | 0 | 0 | $0 |
| v. Review notification of initial CEMS demonstration | 0 | 4 | 0 | 0 | 0 | $0 |
| vi. Review initial performance test report | 0 | 40 | 0 | 0 | 0 | $0 |
| vii. Review initial CEMS demonstration report | 0 | 40 | 0 | 0 | 0 | $0 |
| viii. Review annual compliance report d | 6 | 24 | 144 | 7.2 | 14.4 | $9,217 |
| ix. Review semi-annual excess emission report e | 2.8 | 16 | 44.8 | 2.24 | 4.48 | $2,867 |
| 3. Prepare annual summary report | 1 | 200 | 200 | 10 | 20 | $12,801 |
| **TOTAL ANNUAL COST (rounded) f** |  |  | **447** | | | **$24,900** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Assumptions:** |  |  |  |  |  |  |
| a This cost is based on the average hourly labor rate as follows: Managerial $76.91 (GS-13, Step 5, $48.07 + 60%); Technical $57.07 (GS-12, Step 1, $35.67 + 60%); and Clerical $30.88 (GS-6, Step 3, $19.30+ 60%). This ICR assumes that Managerial hours are 5 percent of Technical hours, and Clerical hours are 10 percent of Technical hours. These rates are from the Office of Personnel Management (OPM), 2024 General Schedule, which excludes locality, rates of pay. The rates have been increased by 60 percent to account for the benefit packages available to government employees. | | | | | | |
| b No additional sources will become subject to the standard over the next three years. We also assume affected air quality program administrator in States and U.S. territories have already submitted a State Plan and/or negative declaration. | | | | | | |
| c Assumes 14 affected units at 6 plants. | | | | | | |
| d Assumes four hours to review the annual compliance report for each plant (4 x 6 = 24). | | | | | | |
| e Assumes submission of semiannual excess emission reports will be required for 10 percent of units (14 x 0.10 = 1.4); (2 x 1.4 = 2.8). | | | | | | |
| f Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding. | | | | | | |

**Table 2: AverageEPA Burden and Cost – NSPS for Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or before August 30, 1999 (40 CFR part 60, Subpart BBBB) (Renewal)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **(A) No. occurrence per year** | **(B) Person-hours per occurrence** | **(C) Technical person-hours per year  (C = A x B)** | **(D) Management person-hours per year   (D = C x 0.05)** | **(E) Clerical person-hours per year  (E = C x 0.1)** | **(H) Costa $** |
| 1. Applications | N/A |  |  |  |  |  |
| 2. Report Reviews b, c |  |  |  |  |  |  |
| i. Review preliminary and final material separation plans and siting analysis | 0 | 8 | 0 | 0 | 0 | $0 |
| ii. Review notification of construction | 0 | 2 | 0 | 0 | 0 | $0 |
| iii. Review notification of startup | 0 | 2 | 0 | 0 | 0 | $0 |
| iv. Review notification of initial performance test | 0 | 8 | 0 | 0 | 0 | $0 |
| v. Review notification of initial CEMS demonstration | 0 | 4 | 0 | 0 | 0 | $0 |
| vi. Review initial performance test report | 0 | 40 | 0 | 0 | 0 | $0 |
| vii. Review initial CEMS demonstration report | 0 | 40 | 0 | 0 | 0 | $0 |
| viii. Review annual compliance report d | 8 | 32 | 256 | 12.8 | 25.6 | $16,385 |
| ix. Review semi-annual excess emission report e | 2.8 | 16 | 44.8 | 2.24 | 4.48 | $2,867 |
| 3. Prepare annual summary report | 1 | 200 | 200 | 10 | 20 | $12,801 |
| **TOTAL ANNUAL COST (rounded) f** |  |  | **576** | | | **$32,100** |
|  |  |  |  |  |  |  |
| **Assumptions:** |  |  |  |  |  |  |
| a This cost is based on the average hourly labor rate as follows: Managerial $76.91 (GS-13, Step 5, $48.07 + 60%); Technical $57.07 (GS-12, Step 1, $35.67 + 60%); and Clerical $30.88 (GS-6, Step 3, $19.30+ 60%). This ICR assumes that Managerial hours are 5 percent of Technical hours, and Clerical hours are 10 percent of Technical hours. These rates are from the Office of Personnel Management (OPM), 2024 General Schedule, which excludes locality, rates of pay. The rates have been increased by 60 percent to account for the benefit packages available to government employees. | | | | | | |
| b No additional sources will become subject to the standard over the next three years. We also assume affected air quality program administrator in States and U.S. territories have already submitted a State Plan and/or negative declaration. | | | | | | |
| c Assumes 14 affected units at 8 plants are subject to the Federal Plan. | | | | | | |
| d Assumes four hours to review the annual compliance report for each plant (4 x 8 = 32). | | | | | | |
| e Assumes submission of semiannual excess emission reports will be required for 10 percent of units (1.4); (2 x 1.4= 2.8). | | | | | | |
| f Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding. | | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Number of States Implementing State Plans** | | | | | |
|  | Respondents That Submit Reports | | Respondents That Do Not Submit Any Reports |  |  |
|  | (A) | (B) | (C) | (D) | (E) |
| Year | Number of New Respondents 1 | Number of Existing Respondents | Number of Existing Respondents that keep records but do not submit reports | Number of Existing Respondents That Are Also New Respondents | Number of Respondents (E=A+B+C-D) |
| 1 | 0 | 6 | 0 | 0 | 6 |
| 2 | 0 | 6 | 0 | 0 | 6 |
| 3 | 0 | 6 | 0 | 0 | 6 |
| Average | 0 | 6 | 0 | 0 | 6 |
|  | | | | | |
|  |  |  |  |  |  |
| **Number of Respondents** | | | | | |
|  | Respondents That Submit Reports | | Respondents That Do Not Submit Any Reports |  |  |
|  | (A) | (B) | (C) | (D) | (E) |
| Year | Number of New Respondents 1 | Number of Existing Respondents | Number of Existing Respondents that keep records but do not submit reports | Number of Existing Respondents That Are Also New Respondents | Number of Respondents (E=A+B+C-D) |
| 1 | 0 | 14 | 0 | 0 | 14 |
| 2 | 0 | 14 | 0 | 0 | 14 |
| 3 | 0 | 14 | 0 | 0 | 14 |
| Average | 0 | 14 | 0 | 0 | 14 |
| 1 New respondents include sources with constructed, reconstructed and modified affected facilities. | | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Total Annual Responses** | | | | |
| (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=(BxC)+D |
| State plan | 6 | 0 | 0 | 0 |
| Negative Declaration | 0 | 0 | 0 | 0 |
| Plant Startup (Plant Control Plan, notifications, etc.) | 0 | 1 | 0 | 0 |
| Notifications (Performance Test, CEMS Demonstration, etc.) | 0 | 1 | 0 | 0 |
| Annual Reports (Private) | 5 | 2.4 | 0 | 12 |
| Annual Reports (Public) | 9 | 1.78 | 0 | 16.02 |
| Semiannual Excess Emission Reports | 1.4 | 2 | 0 | 2.8 |
|  |  | **Total (rounded)** | | **31** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Capital/Startup vs. Operation and Maintenance (O&M) Costs** | | | | | | |
| (A) | (B) | (C) | (D) | (E) | (F) | (G) |
| Continuous Monitoring Device | Capital/Startup Cost for One Respondent | Number of New Respondents | Total Capital/Startup Cost, (B X C) | Annual O&M Costs for One Respondent | Number of Respondents with O&M | Total O&M, (E x F) |
| Load monitors, temperature monitors, and carbon federate monitors (Sections 60.1315 thru 60.1335) a | $305,767 | 0 | $0 | $29,354 | 14 | $411,000 |
|  |  |  |  |  |  |  |
| a Costs have been updated from 2009 dollars to 2023 dollars using the CEPCI CE Index. Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding. | | | | | | |