U.S. Environmental Protection Agency

Information Collection Request

**Title:** **NSPS for Kraft Pulp Mill Affected Sources for which Construction, Reconstruction, or Modification Commenced After May 23, 2013 (40 CFR Part 60, Subpart BBa) (Renewal)**

**OMB Control Number:** 2060-0690

**EPA ICR Number:** 2485.06

**Abstract:** The New Source Performance Standards (NSPS) for Kraft Pulp Mill Affected Sources for Which Construction, Reconstruction, or Modification Commenced After May 23, 2013 (40 CFR Part 60, Subpart BBa) were proposed on May 23, 2013; promulgated on April 4, 2014; and amended on November 5, 2020. These regulations apply to emissions of particulate matter (PM) and total reduced sulfur (TRS) at recovery furnaces, smelt dissolving tanks (SDTs), lime kilns, digester systems, brown stock washer (BSW) systems, multiple effect evaporator systems and condensate stripper systems at kraft pulp mills that commenced construction, modification, or reconstruction after May 23, 2013. At pulp mills, where kraft pulping is combined with neutral sulfite semi-chemical pulping, the provisions of this subpart are applicable when any portion of the material charged to an affected source is produced by the kraft pulping operation. This subpart includes provisions specifying that sources complying with the TRS standard for digester systems, BSW systems, evaporator systems and condensate stripper systems by venting to a control device must collect the gases in a closed-vent system subject to the provisions of 40 CFR Part 63, Subpart S. Facilities may be exempt from the TRS standard in the NSPS if the facility can demonstrate that TRS emissions from a brown stock washer cannot feasibly be controlled either technically or economically. New facilities include those that commenced construction, modification, or reconstruction after the date of proposal. This information is being collected to assure compliance with 40 CFR Part 60, Subpart BBa.

In general, all NSPS standards 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 the NSPS.

Any owner/operator subject to the provisions of this part shall maintain a file of these measurements and retain the file for at least two years following the date of such measurements, maintenance reports, and records. All reports required to be submitted electronically are submitted through the EPA's Central Data Exchange (CDX), using the Compliance and Emissions Data Reporting Interface (CEDRI), where the delegated state or local authority can review them. If there is no such delegated authority, the EPA’s regional offices can review them. All other reports are sent to either the delegated state or local authority. If there is no such delegated authority, the reports are sent directly to the EPA’s regional offices. The use of the term "Designated Administrator" throughout this document refers to the U.S. EPA or its delegated authority, such as a state agency. The term "Administrator" alone refers to the U.S. EPA Administrator.

All the kraft pulp mills in the United States are owned and operated by the kraft pulp mill industry (aka: the “Affected Public”). The “burden” to the Federal Government is attributed to work performed by either Federal employees or government contractors.

There are approximately 12 kraft pulp mill facilities. None of the 12 facilities in the United States are owned by either state, or local, or tribal entities or by the Federal government. They are all owned and operated by privately-owned, for-profit businesses. We assume that they will all respond to the EPA’s inquiries. Based on our consultations with industry representatives, there are an average of 12 affected facilities at each plant site and each plant site has only one respondent (i.e., the owner/operator of the plant site). Over the next three years, approximately 12 existing respondents per year will be subject to these standards, and no additional respondents per year will become subject to these same standards.

**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 of the Clean Air Act (CAA), as amended, to establish standards of performance for new stationary sources that reflect:

**. . .** application of the best technological system of continuous emissions reduction which (taking into consideration the cost of achieving such emissions reduction, or any non-air quality health and environmental impact and energy requirements) the Administrator determines has been adequately demonstrated. Section 111(a)(l).

The Agency refers to this charge as selecting the best demonstrated technology (BDT). Section 111 also requires that the Administrator review and, if appropriate, revise such standards every eight years.

In addition, section 114(a) states that the Administrator may require any owner/operator subject to any requirement of this Act 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 Administrator 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, PM and TRS emissions from kraft pulp mills either cause or contribute to air pollution that may reasonably be anticipated to endanger public health and/or welfare. Therefore, the NSPS were promulgated for this source category at 40 CFR Part 60,Subpart BBa.

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

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 standards 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. The EPA uses ICIS for tracking air pollution compliance and enforcement by both local and state regulatory agencies, EPA’s regional offices, and EPA headquarters. The EPA and its delegated Authorities can edit, store, retrieve and analyze the data. The records required by this regulation must be retained by the owner/operator for two years.

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.*

The EPA is requiring electronic reporting for certain notifications or reports. The EPA is requiring that owners or operators of affected sources would submit electronic copies of performance test reports through the EPA’s Central Data Exchange (CDX), using the Compliance and Emissions Data Reporting Interface (CEDRI). CEDRI includes the Electronic Reporting Tool (ERT) software, which is used by facilities to generate electronic reports of performance tests. The EPA is also requiring that 40 CFR Part 60, Subpart BBa performance test reports be submitted through the EPA’s ERT.

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.

The rule was amended to include electronic reporting provisions on April 4, 2014. Respondents are required to use the EPA’s Electronic Reporting Tool (ERT) to develop performance test reports and submit them through the EPA’s Compliance and Emissions Data Reporting Interface (CEDRI), which can be accessed through the EPA’s Central Data Exchange (CDX) (<https://cdx.epa.gov/>). The ERT is an application rather than a form, and the requirement to use the ERT is applicable to numerous subparts. The splash screen of the ERT contains a link to the Paperwork Reduction Act (PRA) requirements, such as the OMB Control Number, expiration date, and burden estimate for this and other subparts. For purposes of this ICR, it is assumed that there is no additional burden associated with the proposed requirement for respondents to submit the reports electronically.

Electronic copies of records may also be maintained in order to satisfy federal recordkeeping requirements. For additional information on the Paperwork Reduction Act requirements for CEDRI and ERT for this rule, see: <https://www.epa.gov/electronic-reporting-air-emissions/paperwork-reduction-act-pra-cedri-and-ert>.

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 for both 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 either 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.*

The majority of the respondents are large entities (i.e., large businesses). However, the impact on small entities (i.e., small businesses) was taken into consideration during the development of these regulations. Due to technical considerations involving the process operations and the types of control equipment employed, the recordkeeping and reporting requirements are the same for both small and large entities. The Agency considers these to be the minimum requirements needed to ensure compliance and, therefore, cannot reduce them further for small entities. To the extent that larger businesses can use economies of scale to reduce their burden, the overall burden will be reduced.

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 these 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.

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* (FR citation, e.g., 87 FR 43843) on July 22, 2022. 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 these 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 12 existing, and no new respondents, will be subject to these same standards over the three-year period covered by this ICR.

Industry trade associations and other interested parties were provided an opportunity to comment on the burden associated with these standards as they were being developed and these same standards have been reviewed previously to determine the minimum information needed for compliance purposes. In developing this ICR, we contacted both the American Forest and Paper Association, at (202) 463-2700, and the National Paper Trade Association, at (312) 321-4092.

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 of gifts to respondents, other than remuneration of contractors or grantees.

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 (CBI) (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 these standards 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 kraft pulp mills constructed, modified, or reconstructed after May 23, 2013. The United States Standard Industrial Classification (SIC) code for the respondents affected by these standards is SIC 2611, which corresponds to the North American Industry Classification System (NAICS) 3221 for Pulp, Paper, and Paperboard Mills.

**12b. Information Requested**

In this ICR, all the data that are recorded or reported is required by the NSPS for Kraft Pulp Mills (40 CFR Part 60, Subpart BBa).

A source must make the following reports:

|  |  |
| --- | --- |
| **Notifications** | |
| Notification of construction or reconstruction | §60.7(a)(1) |
| Notification of initial performance test | §60.8(d) |
| Notification of actual startup | §60.7(a)(3) |
| Notification of demonstration of continuous monitoring system (CMS) | §60.7(a)(5) |
| Notification of physical or operational changes | §60.7(a)(4) |
| Notification of opacity or visible emissions observations | §60.7(a)(6) |

|  |  |
| --- | --- |
| **Reports** | |
| Report of performance test results (electronic submission) | §60.8(a), §60.288a(b) |
| Report of continuous emissions monitoring system (CEMS) relative accuracy test audit (RATA) data a | §60.13(c), §60.288a(c) |
| Semiannual report | §60.7(c), §60.288a(a) |
| Excess emissions/monitoring systems report | §60.7(c), §60.288a(a) |
| Malfunction report | §60.288a(d) |
| Affirmative defense report | §60.286a(b) |

a EPA’s Electronic Reporting Tool (ERT) does not currently support reporting of TRS CEMS RATA.

A source must keep the following records:

|  |  |
| --- | --- |
| **Recordkeeping** | |
| Records of CMS performance evaluations | §60.7(f), §60.287a(a) |
| Records of opacity and TRS monitoring data | §60.7(f), §§60.287a(b)(1)-(2) |
| Records of operating parameters, including excess emissions | §60.7(f), §§60.287a(b)(3)-(7) |
| Records of startups, shutdowns and malfunctions and periods where the continuous monitoring system is inoperative | §60.7(b), §60.287a(c) |
| Maintain and retain files for at least 2 years | §60.7(f) |

**12c. Respondent Activities**

|  |
| --- |
| **Respondent Activities** |
| Familiarization with the regulatory requirements. |
| Install, calibrate, maintain, and operate CMS for opacity, voltage and current for ESP emission control device, CMS for measuring concentration of TRS and oxygen, CPMS for measuring temperature of any incinerators, and CMS for measuring pressure drop and flow rate or pressure through the scrubber. |
| Perform initial performance test, Reference Method 2, 3B, 5, 9, 16 or 16A, 16B, 16C, 17, 202, and TAPPI Method T 624 test 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**

Table 1 documents 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.

The average annual burden to industry over the next three years from these recordkeeping and reporting requirements is estimated to be 4,250 hours (Total Labor Hours from Table 1 below). These hours are based on Agency studies and background documents from the development of the regulations, Agency knowledge and experience with the NSPS program, the previously-approved ICR, and any comments received.

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.

This ICR uses the following labor rates:

Managerial $157.61 ($75.05 + 110%)

Technical $123.94 ($59.02 + 110%)

Clerical $62.52 ($29.77 + 110%)

These rates are from the United States Department of Labor, Bureau of Labor Statistics, September 2021, “Table 2. Civilian Workers, by occupational and industry group.” The rates are from column 1, “Total compensation.” The rates have been 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.

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 standards 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 these regulations. The annual operation and maintenance costs are the ongoing costs to maintain the monitors and other costs, such as photocopying and postage.

**(iii) Capital/Startup vs. Operation and Maintenance (O&M) Costs**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Capital/Startup vs. Operation and Maintenance (O&M) Costs** | | | | | | |
| (A)  Continuous Monitoring Device or Testing Requirement | (B)  Capital/ Startup Cost for One Respondent | (C)  Number of New Respondents | (D)  Total Capital/ Startup Cost, (B X C) | (E)  Annual O&M Costs for One Respondent | (F)  Number of Respondents with O&M | (G)  Total O&M,  (E X F) |
| Monitors: |  | | | | | |
| Opacity monitor | $40,000 | 0 | $0 | $8,600 | 12 | $103,200 |
| TRS monitor | $108,000 | 0 | $0 | $23,000 | 12 | $276,000 |
| ESP voltage and current monitors | $31,000 | 0 | $0 | $4,200 | 12 | $50,400 |
| Scrubber pressure drop monitor a | $350 | 0 | $0 | $70 | 12 | $840 |
| Scrubber liquid flow rate monitor a | $15,500 | 0 | $0 | $3,100 | 12 | $37,200 |
| Performance tests: |  | | | | | |
| Initial Method 9 for opacity | $1,000 | 0 | $0 |  |  |  |
| Initial Method 5 and 202 for PM and condensable PM (CPM) | $6,800 | 0 | $0 |  |  |  |
| Initial Method 16, 16A, 16B or 16C for TRS | $3,000 | 0 | $0 |  |  |  |
| Repeat Method 5 and 202 for PM and CPM (every 5 years) b | N/A |  |  | $6,800 | 2 | $13,600 |
| Repeat Method 16, 16A, 16B or 16C for TRS (every 5 years) b | N/A |  |  | $3,000 | 2 | $6,000 |
| **Total c** |  |  | **$0** |  |  | **$487,000** |

a Scrubber monitor O&M costs were estimated as 20 percent of the initial monitor cost.

b Repeat tests are required in 5-year intervals. We assume that 2 respondents per year will be required to conduct repeat performance tests.

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

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 $487,000. These are recordkeeping costs.

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:

|  |
| --- |
| **Agency Activities** |
| Observe initial and repeat performance tests. |
| 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. |

**14b. Agency Labor Cost**

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 cost during the three years of the ICR is estimated to be $21,300.

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

Managerial $70.56 (GS-13, Step 5, $44.10 + 60%)

Technical $52.37 (GS-12, Step 1, $32.73 + 60%)

Clerical $28.34 (GS-6, Step 3, $17.71 + 60%)

These rates are from the Office of Personnel Management (OPM), 2022 General Schedule, which excludes locality rates of pay. The rates have been increased by 60 percent to account for the benefit packages available to Federal 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 – Kraft Pulp Mill Affected Sources for Which Construction, Reconstruction, or Modification Commenced After May 23, 2013 (40 CFR Part 60, Subpart BBa) (Renewal).

The average annual Agency burden and cost over next three years is estimated to be 417 labor hours at a cost of $21,300; see below in Table 2: Average Annual EPA Burden and Cost – Kraft Pulp Mill Affected Sources for Which Construction, Reconstruction, or Modification Commenced After May 23, 2013 (40 CFR Part 60, Subpart BBa) (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. **REASONS FOR CHANGE IN BURDEN**

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

The decrease in burden from the most-recently approved ICR is due to an adjustment(s). There is an adjustment decrease in the total estimated burden as currently identified in the OMB Inventory of Approved Burdens. This decrease is not due to any program changes. The change in the burden and cost estimates is due to an update of the respondent count. The previous ICR renewal assumed 12 existing sources and two new sources per year would be subject to these requirements. However, consultations with the Agency’s industry experts estimate there are 12 existing sources and no new sources per year. The previous ICR reflected those burdens and costs associated with the initial activities for subject facilities. This includes purchasing monitoring equipment, conducting performance tests and establishing recordkeeping systems. This ICR, by in large, reflects the on-going burden and costs for existing facilities. Activities for existing sources include continuously monitoring of pollutants and the submission of semiannual reports. In addition, there are no new facilities that are expected to be in the initial compliance phase described above. The overall result is a decrease in both burden hours and costs. There is also a decrease in the Capital/startup and O&M costs from the most-recently approved ICR due to the updated respondent count.

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.*

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/](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.regulations.gov%2F&data=04%7C01%7CKerwin.Courtney%40epa.gov%7Ca2b2df5f5dd244e0165a08d9e767cdfc%7C88b378b367484867acf976aacbeca6a7%7C0%7C0%7C637795255283270924%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=kxjZp6KZ47FJk2FRlghr2r5PmK1J9tBZYE2RinT5UgI%3D&reserved=0) 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 collect.

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.