

**Supporting Statement for an Information Collection Request (ICR)  
Under the Paperwork Reduction Act (PRA)**

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**EXECUTIVE SUMMARY*****Identification of the Information Collection – Title and Numbers***

<b>Title:</b>	TSCA Section 8(b) Reporting Requirements for TSCA Inventory Notifications
<b>EPA ICR No.:</b>	2565.05
<b>OMB Control No.:</b>	2070-0201
<b>Docket ID No.:</b>	EPA-HQ-OPPT-2020-0413

***Abstract***

This information collection request (ICR) addresses the reporting and recordkeeping requirements under section 8(b) of the Toxic Substance Control Act (TSCA) that are associated with the TSCA Chemical Substance Inventory (TSCA Inventory), as codified in 40 CFR Part 710. TSCA section 8(b) specifically requires that EPA compile and keep current a list of chemical substances manufactured or processed for commercial purposes in the United States. That mandate was amended in 2016 and TSCA section 8(b)(4) requires EPA to designate chemical substances on the TSCA Chemical Substance Inventory as either “active” or “inactive” in U.S. commerce. The first TSCA Inventory with all chemical substances designated as “active” or “inactive” published in February 2019.

Starting August 5, 2019, manufacturers and processors are required to notify EPA before reintroducing inactive substances into U.S. commerce. The implementing regulations allow manufacturers and processors to notify EPA that it must change the commercial activity designation of the subject chemical substance from inactive to active on the TSCA Inventory.

In March 2020, EPA amended 40 CFR part 710 to revise the requirements for companies to substantiate their confidential business information (CBI) claims for the specific chemical identities of substances on the TSCA inventory. The burden and activities in that amendment are covered by a rule related addendum to this ICR identified under OMB Control No. 2070-0210 (EPA ICR No. 2594.03)(discontinued).

At this time, the information collection activities covered in the existing ICR related to the time-limited one time reporting (EPA Form No. 9600-05; Notice of Activity Form A), and the retrospective substantiation of CBI imposed by the 2020 amendment that is

covered by the ICR addendum identified under OMB Control No. 2070-0210 (EPA ICR No. 2594.03, discontinued July 31, 2023) are now complete and are not included in this ICR.

This ICR addresses the activities and burdens associated with the ongoing reporting (EPA Form No. 9600-06; Notice of Activity Form B), including the substantiation of CBI and related recordkeeping requirements in 40 CFR part 710, and accounts for estimates from the ICR titled “Final Rule; Procedures for Review of CBI Claims for the Identity of Chemicals on the TSCA Inventory (Notice of Activity Form As)” (OMB Control No. 2070-0210; EPA ICR No. 2594.03). EPA finalized the requirements for regulated entities to substantiate certain CBI claims made under the TSCA to protect the specific chemical identities of chemical substances on the confidential portion of the TSCA Inventory, and the Agency's plan for reviewing certain CBI claims for specific chemical identities. The substantiation requirements describe the applicable procedures and provide instructions for regulated entities. The Agency's plan set out the review criteria and related procedures that EPA will use to complete the reviews within the five-year timeframe set in TSCA, and the ongoing reporting and recordkeeping activities are incorporated into this ICR.

**Summary Total Annual Burden and Costs**

<b>Information Collection</b>	<b>Number of Respondents</b>	<b>Annual Number of Responses</b>	<b>Responses per Respondent</b>	<b>Annual Time Burden (Hours)</b>	<b>Annual Cost Burden (Dollars)</b>
CDX Registration	29	42	1.4	15	\$639.24
CBI Substantiation	57	83	1.5	33	\$982.29
Recordkeeping	57	83	1.5	10	\$45.15
Reporting - Form B	57	83	1.5	85	\$18,290.00
Total Respondent	57	83	1.5	144	\$19,956.68
Total Agency				137,7123	\$264,746.78

Notes:

1. The numbers of respondents and responses are rounded up to nearest whole number
2. The numbers of CDX Registration respondents and responses are based on the assumption that 50% of respondents are registering, as used in the 2020 ICR Renewal.
3. Annual Time Burden calculations vary based on the unit of analysis for the information collected. For example, CBI Substantiation occurs at the chemical level (not per response or per respondent), and thus it is calculated as (Number of respondents) \* (Responses per respondent) \* (Unit Burden) \* (Average number of chemicals per response)

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## SUPPORTING STATEMENT

**1. Explain the circumstances that make the collection of information necessary. Identify any legal or administrative requirements that necessitate the collection. Attach a copy of the appropriate section of each statute and regulation mandating or authorizing the collection of information.**

TSCA section 8(b), 15 U.S.C. 2607, requires EPA to compile, keep current and publish a list of each chemical substance that is manufactured or processed, including imports, in the United States for uses under TSCA. As amended by the Frank R. Lautenberg Chemical Safety for the 21st Century Act in 2016, TSCA sections 8(b)(4) and 8(b)(5) define additional EPA responsibilities for maintaining the TSCA Inventory.

Pursuant to TSCA section 8(b)(4) as amended, the first TSCA Inventory with all chemical substances designated as “active” or “inactive” published in February 2019.

TSCA section 8(b)(5)(A) requires EPA to maintain active and inactive designations for chemical substances on the TSCA Inventory. TSCA section 8(b)(5)(B)(i) requires persons that intend to manufacture or process chemical substances for non-exempt commercial purpose that are designated on the Inventory as inactive to notify the Agency prior to the date that these chemicals are reintroduced into U.S. commerce. Upon receiving such notification, TSCA section 8(b)(5)(B)(iii) requires the Agency to change the designation of the chemical substance from inactive to active.

The regulations implementing these mandates are codified in 15 U.S.C. 2607 and 40 CFR Part 710, respectively. The TSCA Inventory plays a central role in the regulation of most industrial chemicals in the United States because, for purposes of regulation under TSCA, if a chemical is on the TSCA Inventory, the substance is considered an “existing” chemical substance in U.S. commerce, and any chemical that is not on the Inventory is considered a “new chemical substance.”

In a 2017 rulemaking, referred to as the TSCA Inventory Notification (Active-Inactive) Requirements Rule<sup>1</sup>, EPA established a now completed retrospective electronic notification of chemical substances on the TSCA Inventory that were manufactured (including imported) for non-exempt commercial purposes during the ten-year time period ending on June 21, 2016. EPA used the retrospective notifications received to distinguish active substances from inactive substances. EPA included the active and inactive designations for the first time on the February 2019 posting of the public TSCA Inventory. The activities and burden estimates associated with the initial notification activities that are now complete are no longer included in this ICR.

In the 2017 rulemaking, EPA also established procedures for forward-looking electronic notification of chemical substances designated as inactive on the TSCA Inventory for when the manufacturing or processing of such chemical substances for non-exempt commercial purposes is expected to resume. Upon receipt of a forward-looking

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<sup>1</sup> Codified in 40 CFR part 710, see also 82 FR 37520, August 11, 2017 (FRL-9964-22) <https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0426-0070>.

notifications, EPA must change the designation of the pertinent chemical substances on the TSCA Inventory from inactive to active.

The 2017 Active-Inactive Rule included provisions for the submission of CBI and requests to maintain existing CBI claims for the specific chemical identities of chemical substances. Submitters were required to substantiate all CBI claims made in that collection except for specific chemical identity CBI claims asserted during retrospective reporting—which they had an option to voluntarily substantiate at the time of filing their report. As updated from the original ICR, the ongoing activities are still addressed in this ICR.

The 2017 rulemaking was amended in 2020<sup>2</sup> to address the mandate in TSCA section 8(b) that requires EPA to establish a rule on CBI claims for specific chemical identities for chemicals reported as “active” in U.S. commerce in response to the 2017 Active-Inactive Rule. In that rule, EPA established the procedures and requirements for companies to substantiate their CBI claims for the specific chemical identities of substances on the TSCA inventory, as well as the plan for how the Agency will review the claims, the timeframes for EPA to complete reviews, and the annual posting of results. Originally addressed in a separate rulemaking ICR addendum (OMB control number 2070-0210), the ongoing reporting and recordkeeping activities are incorporated into this ICR.

***2. 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 information collection activities covered by this ICR are used to satisfy the mandate in TSCA section 8(b). The notification submitted via Form B, which is directly mandated by TSCA section 8(b)(5), will be used by EPA to designate inactive chemical substances as active on the TSCA Inventory when that chemical substance is anticipated to re-enter U.S. commerce.

The recordkeeping requirements are necessary for EPA compliance and enforcement purposes. As part of its compliance program, EPA conducts inspections to review the records of TSCA section 8(b) submitters to ensure that the information submitted in a notice was correct and that the submitter provided the notice for chemical substances in U.S. commerce during the time periods specified under TSCA section 8(b).

Users of these data are primarily EPA employees located primarily in the Office of Pollution Prevention and Toxics (OPPT) within the Office of Chemical Safety and Pollution Prevention (OCSPP). Other EPA employees in the Regional Offices and the Office of Enforcement and Compliance Assurance (OECA), including the Core TSCA Regional Coordinator Inspectors, may use these data for compliance monitoring and enforcement purposes.

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<sup>2</sup> See 85 FR 13062, March 6, 2020 (FRL-10005-48) <https://www.regulations.gov/document?D=EPA-HQ-OPPT-2018-0320-0055>.

The public may access the non-confidential portion of EPA's TSCA Inventory. It is updated approximately every six months, and it can be searched in multiple ways available here: <https://www.epa.gov/tsca-inventory/how-access-tsca-inventory>. The Inventory contains 86,741 chemicals of which 42,293 are active.

**3. 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.**

All NOA forms must be generated using the e-NOA software and submitted electronically via CDX. The data being transmitted electronically via CDX are encrypted to protect CBI. The software works with Windows, Macs, Linux, and UNIX-based computers, using XML for efficient data transmittal to Agency data systems. The Agency requires all section 8(b) notices to be submitted electronically via CDX.

An electronic signature is required for TSCA section 8(b) notices submitted to the Agency via CDX. Electronic signatures are granted as part of the CDX user-registration process.

All e-NOA software users need to perform the "finalization" step in generating a document. During the "finalization" step, the e-NOA software checks that all legally required information is included, provides warnings where necessary, and saves data in a read-only format acceptable to the Agency. Section 8(b) notices in which data have not undergone the "finalization" step are determined incomplete. This step is necessary to allow for an accurate and efficient transfer of data to EPA data systems. The word, "finalized," is in the file name and the name ends with "tsca." The "finalized" file (folder) contains the CBI and non-CBI data in XML format that are non-editable. The CBI and non-CBI attachments are also in this folder in their native format. Attachments must be submitted in one of EPA's approved formats for the Agency to be able to open the files.

All information sent via CDX is transmitted securely to protect CBI. Furthermore, if anything in the submission has been claimed CBI, a sanitized copy of the notice must be provided by the submitter. The e-NOA software facilitates the creation of this sanitized non-CBI version, eliminating the need for the submitter to do this manually. It also allows submitters to share a draft notice within their company during the creation of a notice and to save a copy of the final file for future use. A "Profiler," available in the software, also allows for certain information to be kept on file by the submitter to avoid the burden associated with re-entering the same information into a new form.

The Agency also benefits from receiving electronic submissions. Data systems are populated electronically, minimizing the potential for human error. Agency personnel are also able to communicate efficiently with submitters electronically. Because companies register with EPA to submit their data electronically to the Agency via CDX, the Agency

in turn communicates electronically with submitters via CDX. The electronic means of communication provides significant time and resource efficiencies for both parties.

Additionally, to aid persons subject to this information collection, OPPT has set up a TSCA Hotline that provides information regarding TSCA regulatory requirements. When TSCA Hotline staff members are unable to answer questions regarding TSCA section 8(b), the questions are referred to OPPT staff for appropriate resolution.

***4. 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.***

There is no duplication of these activities because EPA is the only federal agency that is required to manage the TSCA Inventory and the information collection activities covered by this ICR are not duplicated by any other EPA program. The information submitters provide cannot be obtained elsewhere.

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

The reporting and recordkeeping requirements associated with TSCA section 8(b) are applicable to all affected entities, regardless of the size of the business. However, EPA provides specialized assistance to respondents, particularly to small entities via the *TSCA Hotline*, which provides technical and other non-financial assistance to manufacturers and processors of chemical substances. It provides material such as copies of documents explaining requirements (rules and guidance), advisories, and other information on request.

Moreover, EPA has taken certain steps to minimize for all respondents the reporting burden associated with complying with this collection. For example, the information technology used by EPA includes chemical substances on the TSCA Inventory using the EPA Substance Registry System. This list allows submitters to select their reportable chemical substances from the list rather than manually entering each substance. Additionally, submitters are able to report multiple chemical substances in one session; upon completion of a session, each chemical substance will be transmitted in one NOA submission.

Finally, EPA TSCA Inventory personnel routinely respond to TSCA section 8(b) inquiries that pertain to the full scope of TSCA section 8(b) regulations providing industry support to assist persons with reporting questions and notice preparation prior to submission.

***6. 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.***

This ICR involves a one-time reporting requirement, and a less frequent collection would not fulfill the statutory mandate because manufacturers and processors are

required to notify EPA before re-introducing inactive substances into U.S. commerce so that EPA can designate such substances as active on the TSCA Inventory.

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

- a) requiring respondents to report information to the agency more often than quarterly;**
- b) requiring respondents to prepare a written response to a collection of information in fewer than 30 days after receipt of it;**
- c) requiring respondents to submit more than an original and two copies of any document;**
- d) requiring respondents to retain records, other than health, medical, government contract, grant-in-aid, or tax records, for more than three years;**
- e) in connection with a statistical survey, that is not designed to produce valid and reliable results that can be generalized to the universe of study;**
- f) requiring the use of a statistical data classification that has not been reviewed and approved by OMB;**
- g) that includes a pledge of confidentiality that is not supported by authority established in statute or regulation, that is not supported by disclosure and data security policies that are consistent with the pledge, or which unnecessarily impedes sharing of data with other agencies for compatible confidential use; or**
- h) requiring respondents to submit proprietary trade secrets, or other confidential information unless the agency can demonstrate that it has instituted procedures to protect the information's confidentiality to the extent permitted by law.**

This collection of information is consistent with OMB guidelines under 5 CFR 1320.6 except with respect to the maintenance of records by respondents. The record retention period is five years, as specified in TSCA section 8(b)(9)(B) and 40 CFR 710.53, which exceeds the recommended maximum recordkeeping of three years.

A five-year recordkeeping requirement is also necessary to carry out an effective program and is consistent with the five-year statute of limitations under 28 U.S.C. 2462 held applicable to all Agency enforcement actions, including administrative proceedings under TSCA. See *3M Company vs. Browner*, 17 F.3d 1453 (DC Cir.1994).

**8. 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 in response to the comments. Specifically address comments received on cost and hour burden.**

**Describe efforts to consult with persons outside EPA 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 report.**

**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.**

Pursuant to 5 CFR 1320.8(d), EPA published a notice in the **Federal Register**, on Tuesday, April 23, 2024 (89 FR 30356), announcing the planned renewal of this information collection activity, soliciting public comment on specific aspects of the ICR and providing a 60-day public comment period.

The EPA also consulted five stakeholders, specifically asking them for their assessment of the regulatory burden estimates expressed by the Agency in this ICR (**Attachment A**). The stakeholders consulted were:

- American Chemistry Council, Inc.
- Bergeson & Campbell PC,
- ChemReg Compliance Solutions,
- Exponent, Inc.,
- Keller and Heckman

Of those consulted, EPA received a comment from ChemReg Compliance Solutions in support of the burden estimates. (**Attachment B**). The Agency thanks all commenters for their comments and has considered them in developing this ICR.

**9. Explain any decision to provide any payment or gift to respondents, other than remuneration of contractors or grantees.**

This question is not applicable to this ICR.



**10. 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.**

Respondents may claim information submitted under this ICR as CBI under TSCA and its implementing regulations. As amended, TSCA section 8(b) requires the respondents to substantiate claims for specific chemical identities for chemicals reported as “active” in U.S. commerce.

The Agency’s policies and requirements related to the TSCA Inventory allow public involvement while preserving confidentiality. TSCA section 14(a) prohibits, except in limited circumstances, the disclosure of trade secret information. Persons will be reporting chemical identity information in NOAs based on a list of TSCA Inventory chemical substances posted in EPA’s Substance Registry System. This list does not contain confidential chemical identity information. In reporting a confidential substance, persons will select a substance listed with a generic chemical name and an EPA-assigned accession number. Although no confidential chemical identity information will be included in NOAs, persons are required to reassert claims to maintain the confidentiality of chemical substances as listed on the confidential portion of the TSCA Inventory.

TSCA includes provisions on how confidential business information claims can be made and the Agency’s obligations to review and make determinations concerning the validity of the claims. Persons submitting NOAs that claim reported information CBI must follow the general requirements of TSCA section 14 for making such claims, as modified by the specific provisions under TSCA section 8(b). TSCA section 14(c) requires that submitters claiming CBI must provide a specific statement attesting to the basis for the CBI claims. TSCA also requires that all submissions containing information claimed as CBI must also include substantiations in support of the CBI claims. Substantiations are required at the time of notification for NOAs on formerly inactive substances.

Based on its experience, EPA expects that information included in NOAs, specifically submitter information (company name and contact information), will likely be claimed CBI. The Agency has developed an elaborate system to prevent unauthorized disclosure of CBI. This system includes procedures for logging material in and out of the Confidential Business Information Center (CBIC) at EPA headquarters, procedures for photocopying and transmitting CBI, and a stand-alone CBI local area computer network. These procedures apply to CBI submitted by manufacturers as well as CBI generated by EPA staff in the course of their review. Access to CBI is restricted to persons who need the information for their work. No one is allowed access to CBI without first undergoing instruction on procedures for handling CBI. Special procedures have been instituted to restrict access to computerized CBI. These procedures are detailed in the “TSCA CBI Protection Manual,” October 2003. EPA believes these procedures protect confidential business information while providing the public with as much information as possible.

Any information being sent via CDX is transmitted using secure technologies to protect CBI. EPA-provided reporting application, termed e-NOA, encrypts submissions using a Federal Information Processing Standards (FIPS)-compliant encryption module. The encryption module employs a public key algorithm which converts readable text into encrypted text. This public key is downloaded from CDX to the e-NOA software, and the corresponding private key is sent to EPA's New Chemical System (NCS). The encryption remains while the submission is transmitted via CDX to NCS. The file can be decrypted only with the NCS's private key when it has reached its final destination. The NCS is the only party that possesses the private key, which converts the encrypted text back into readable text.

The same protection will occur for all correspondence going back to the submitter. The NCS and e-NOA software are also provided with a set of public and private keys, so that correspondence containing any potential confidential business information will remain encrypted during transmission via CDX and can be opened only by the submitter within the e-NOA software.

***11. 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 information collection activities covered by this ICR do not involve sensitive questions as described by the PRA and OMB implementing regulations.

***12. Provide estimates of the hour burden of the collection of information.***

- **Indicate the number of respondents, frequency of response, annual hour burden, and an explanation of how the burden was estimated. Unless directed to do so, agencies should not conduct special surveys to obtain information on which to base hour burden estimates. Consultation with a sample (fewer than 10) of potential respondents is desirable. If the hour burden on respondents is expected to vary widely because of differences in activity, size, or complexity, show the range of estimated hour burden, and explain the reasons for the variance. 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 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 under 'Annual Cost to Federal Government'**

Potential respondents to the information collection activities covered by this ICR are expected to include entities that manufacture (defined by statute to include import) or process chemical substances that are regulated under TCSA. These entities are typically identified under North American Industrial Classification System (NAICS) codes 325 (Chemical Manufacture) and 324 (Petroleum and Coal Products). Although such entities are generally companies, respondents can include anyone who engages in the covered activities. For purposes of the ICR, respondent is used interchangeably with company and entity.

### ***Information Requested***

Under 40 CFR 710, respondents are required to notify the Agency by submitting a Notice of Activity (NOA) Form B (EPA Form No. 9600-06) for chemical substances designated as “inactive” on the TSCA Inventory before they are to be reintroduced into U.S. commerce. EPA reviews the information provided and designates the chemical substance as “active” for the TSCA Inventory.

Required reporting information includes the following:

- Chemical identity of the substance;
- Anticipated date that the chemical substance is to be reintroduced into U.S. commerce;
- Name and address of the submitting company;
- Name and address of the authorized official for the submitting company who will be signing the NOA;
- Name and telephone number of a technical contact person;
- Clear indication of what information, if any, is to be considered confidential; and
- Substantiation of confidentiality claims.

This information must be submitted to EPA using the NOA Form B. Submitters are required to submit electronically using the e-NOA software to generate a finalized submission. Manufacturers (includes importers) and processors must provide the NOA to EPA prior to anticipated reintroduction of a chemical substance into U.S. commerce but not more than 90 days prior.

### ***Respondent Activities***

The following respondent activities represent the information collections (ICs) that are covered by this ICR.

#### **Register with EPA’s CDX and Complete the Electronic Signature Agreement**

Although completed during the initial reporting in 2017, which was covered in the previous ICR period, EPA recognizes that there may be some ongoing CDX registration related activities, either due to new respondents or for updating the CDX registration and e-Signature. EPA is therefore including this ICR and related burden estimates again in this ICR.

EPA is providing two different variations of the e-NOA software, one with encryption and one without encryption. The e-NOA software with encryption, available on EPA's CDX website, accommodates electronic submission through CDX. The e-NOA software without encryption is available through EPA's TSCA New Chemicals Program website. Both variations of the e-NOA software are available free of charge as Internet downloads. The e-NOA software without encryption is also available on optical discs provided by the Agency upon request.

To register in CDX, the CDX registrant (also referred to as "Electronic Signature Holder" or "Public/Private Key Holder") downloads two forms: the Electronic Signature Agreement and the Verification of Company Authorizing Official form. Registration enables CDX to perform two important functions: authentication of identity and verification of authorization. Within the "Electronic Signature Agreement" form, the Authorized Official (AO) agrees to certain CDX security conditions. On the "Verification of Company Authorizing Official" form, the AO designates himself/herself as the AO and attests to the completeness and accuracy of the submitted information.

There is a third form generated by CDX that the AO needs to fill out if the AO wants to authorize other persons to submit support documents on his or her behalf, including a paid employee of the company, an outside consultant for the company, or an authorized representative agent for the company. This form is entitled, "Authorization and Verification for Submitter by Company Authorizing Official." On this form, the AO designates various persons to submit support documents on his or her behalf, and attests to the completeness and accuracy of the submitted information. Persons designated by the AO to submit on his or her behalf must also sign this form along with the Electronic Signature Agreement form, in order to be "linked" to the AO by EPA and therefore be able to submit support documents via CDX on the AO's behalf.

When these forms are received, EPA activates the submitter's registration in CDX and sends an e-mail notification confirming registration.

#### Submit the TSCA Section 8(b) Notice (Form B)

The required activities related to submission include the following:

*Compliance Determination.* The burden associated with compliance determination involves the respondent first determining whether reporting is required for chemical substance(s) that they intend to manufacture (including import) and/or process, which is based on whether the chemical substance is designated as "inactive" on the TSCA Inventory. Compliance determination burden is assumed to occur on a per-chemical basis, and this review may involve using the Substance Registry Services (SRS) search in the NOA submission software or searching the TSCA inventory from EPA web site.

*Form Completion/Submission.* In all cases, respondents use the e-NOA software to:

- Generate the submission materials for TSCA section 8(b) notices;
- Populate the submission materials with the relevant information; and

- Submit the completed Form B to EPA.

A sample Form B is provided in Attachment C.

Respondent activities to finalize and submit TSCA section 8(b) notices depend on the chosen submission method. The e-NOA software requires users to complete a finalization process before preparing the information for submission to EPA. During the finalization step, the e-NOA software checks that all legally required information is included and provides warnings for certain kinds of missing, incomplete or incorrect data.

After the e-NOA finalization step is complete, the e-NOA software prompts respondents to log-in to CDX. Respondents simply transmit the information to EPA online by clicking on the e-NOA software’s “send” button.

***CBI Substantiation***

Respondents may claim information submitted under this ICR as CBI under TSCA and its implementing regulations. As amended, TSCA section 8(b) requires the respondents to substantiate claims for specific chemical identities for chemicals reported as “active” in U.S. commerce.

Substantiation of a CBI claim for specific chemical identity must be provided by not later than 30 days after the notice is submitted (TSCA section 8(b)(5)(B)(ii)(II)) but may be provided at the time of submission of the NOA Form B. Substantiation of CBI claims for all other data elements must be provided at time of notification. Procedures and requirements associated with making and substantiating CBI are specified in 40 CFR part 710. See also additional discussion in unit 3(e).

***Recordkeeping***

Under 40 CFR 710.53, submitters must keep documentation of the information provided to EPA in a TSCA section 8(b) notice for five years from the date of submitting the notice.

***Estimating Burden and Cost of the Collection***

This analysis presents the burden and cost estimates for affected entities and covers submissions of the Notice of Activity (NOA), Form B (EPA Form No. 9600-06).

**Table 1. Respondent Activities and Related Information Collections (ICs)**

Respondent Activity	Description	Title of Related IC(s)
Register with EPA’s CDX and Complete the Electronic Signature Agreement	Respondents must register with CDX, unless already registered, and respondents may need to update that registration overtime to ensure that it is up to date when they need to use it.	CDX Registration and eSignature

Respondent Activity	Description	Title of Related IC(s)
Use the e-NOA Software to Prepare TSCA Section 8(b) Notice (Form B)	When respondents determine to commence the manufacture or processing of a chemical substance identified as “inactive” on the TSCA Inventory, they must prepare & submit the NOA Form B to EPA. EPA must review & change status to “active” for the TSCA Inventory.	Prepare and Submit NOA Form B, and Maintain Records
CBI Substantiation	Respondents must prepare and submit the required CBI substantiation.	CBI Substantiation
Recordkeeping	Respondents must keep records supporting their submissions.	Recordkeeping

Several existing ICs are being deleted because the corresponding activities are complete.

### ***Estimating Respondent Burden***

This unit presents EPA’s estimates of the burden for the identified information collection activities to respondents in terms of the time required for facility personnel to perform the activities.

From EPA’s perspective, the organizing reporting unit is a “notice.” A given notice typically submitted by a single firm pertains to a single chemical substance or multiple chemical substances. Burden and cost calculations are based on the assumption that EPA will receive approximately 20 notices involving multiple chemicals annually for each year of reporting using Form B. Between January 2021 and January 2024, most notices are submitted for a single chemical, although about 2 submissions per year include multiple chemicals. Thus, a typical multiple-chemical submission is assumed to include the average annual number of chemicals: 1.04 chemicals.

The overall unit burden experienced by firms is estimated by combining activity-level unit burdens at the appropriate scale (e.g., per firm or per chemical) to produce estimates for unit burden per submission, by firm. A summary of activity-level unit burdens is included in Error: Reference source not found. In Error: Reference source not found, activity burdens are combined to produce unit burdens associated with submissions for a number of reporting conditions. For firms submitting an NOA with multiple chemicals, it is assumed that on average there are 1.04 chemicals per submission. Therefore, the estimated burden per firm is on the basis of 1.04 chemicals per submission.

### **Table 2. Activity-Level Unit Burdens**

Description	Activity-Level Unit Burden (hours)	Unit of Analysis
CDX registration or Updates	0.53	Per firm
Compliance determination, without review of "Active Status" list	0.500	Per firm
Compliance determination, review of "Active Status" list only	0.083	Per chemical
Submitter Authorized Official Name and Address and Technical Contact Name and Telephone Number	0.014	Per firm
Technical Contact Name and Telephone Number	Included in (1) above	Per firm
NOA Certification	0.500	Per submission
Certifier E-mail	0.017	Per submission
Chemical Name	0.083	Per chemical
Chemical Identity (e.g., Chemical Abstract Service Registration Number - CASRN)	Included in (5) above	Per chemical
CBI Designations for Chemical Identity	Estimated at zero	Per chemical
Start Date of Manufacture, Import, and/or Process	0.017	Per chemical
CBI Designation for Start Date	Estimated at zero	Per chemical
Chemical Identity CBI Status Declaration: maintain or not maintain claim of confidentiality of the full chemical substance identity on the TSCA Inventory	0.002	Per chemical
CBI Substantiation for Chemical Identity (applies to certain submissions) <sup>3</sup>	1.340 where applicable	Per chemical
CBI Substantiation for non-Chemical Identity data elements	0.960 where applicable	Per chemical
Date and Time Stamps	System-generated	Per submission
Recordkeeping	0.125	Per submission

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**Table 3. Unit Burden for Ongoing Reporting**

Activity	Unit of Analysis	Clerical Burden (hours) (a)	Technical Burden (hours) (b)	Managerial Burden (hours) (c)	Total Burden (hours) (d) = (a) + (b) + (c)
COMPLIANCE DETERMINATION (Without Review of "Active Status" List)	Firm	0.000	0.500	0.000	0.500
COMPLIANCE DETERMINATION (Review of "Active Status" List Only)	Chemical	0.000	0.083	0.000	0.083
<b>FORM COMPLETION FOR NOMINAL SINGLE-CHEMICAL SUBMISSION</b>					
(1) Submitter Authorized Official Name, Company Name, and Mailing Address and Technical Contact Name and Telephone Number	Firm	0.000	0.010	0.004	0.014
(2) Technical Contact Name and Telephone Number	Firm				Included in (1) above
(3) NOA Certification	Submission	0.000	0.000	0.500	0.500
(4) Certifier E-mail	Submission	0.000	0.017	0.000	0.017
(5) Chemical Name 1	Chemical	0.000	0.083	0.000	0.083
(6) Chemical Identity 1	Chemical				Included in (5) above
(7) CBI Designations for Chemical Name and Chemical Identity	Chemical				Estimated at zero
(8) Start Date of Manufacture, Import, and/or Process	Chemical	0.000	0.017	0.000	0.017
(9) CBI Designation for Start Date	Chemical				Estimated at zero



Activity	Unit of Analysis	Clerical Burden (hours) (a)	Technical Burden (hours) (b)	Managerial Burden (hours) (c)	Total Burden (hours) (d) = (a) + (b) + (c)
(10) Chemical Identity CBI Status Declaration: maintain or not maintain claim of confidentiality of the full chemical substance identity on the TSCA Inventory	Chemical	0.000	0.002	0.000	0.002
(11) CBI substantiation for Chemical Identity2	Chemical	0.000	0.045	0.022	0.067
(12) CBI Substantiation for non-Chemical Identity data elements 3	Chemical	0	0.211	0.106	0.317
Date and Time Stamps	Submission				System-Generated
SINGLE CHEMICAL SUBMISSION FORM COMPLETION		0.000	0.385	0.632	1.547
RECORDKEEPING					
Per NOA Submission	Firm	0.125	0.000	0.000	0.125
Average Annual Ongoing Unit Burden per Firm					
CDX Registration and Updates		0.0	0.53	0.0	0.53
Compliance Determination		0.000	0.586	0.000	0.586
Form Completion		0.000	0.393	0.634	1.027
Average Annual Ongoing Unit Burden per Firm without Recordkeeping					2.143
Recordkeeping		0.125	0.000	0.000	0.125

Activity	Unit of Analysis	Clerical Burden (hours) (a)	Technical Burden (hours) (b)	Managerial Burden (hours) (c)	Total Burden (hours) (d) = (a) + (b) + (c)
TOTAL					2.268
<p data-bbox="107 433 268 456">General Note</p> <p data-bbox="107 496 1919 557">Sources for unit burden estimates are drawn from various Economic Analyses and ICR Supporting Statements. Additionally, Agency BPJ was employed to finalize results. For further detail, see Section 4.6 of Burden and Cost Report for the Final Rule: TSCA Inventory Notification Requirements (EPA, 2017).</p> <p data-bbox="107 597 226 620">Footnotes</p> <p data-bbox="107 660 1940 753">1 The composite of 0.083 hours, or about 5 minutes reported here is the result of the assessment that providing CBI chemical identity and chemical name (accession number plus generic name) requires 0.083 hours, and that providing non-CBI chemical identity and chemical name (CASRN and TSCA Inventory name) requires 0.083 hours. Also note that 5% of CDR chemicals are reported as having CBI chemical identities.</p> <p data-bbox="107 794 1955 886">2 This unit burden is assumed to apply to only 5% of submissions, given that 5% of CDR chemicals are reported as having CBI chemical identities. Therefore, the value shown in the table is 5% of the full value unit burden per chemical reported in Error: Reference source not found (1.34) at 0.045 hours of technical labor; 0.022 hours of managerial labor.</p> <p data-bbox="107 927 1982 1045">3 This unit burden is assumed to apply to 33% of submissions, given that that 33% of CDR chemicals have CBI nonChemID data elements throughout the Form U. Specifically, the same incidence rate is assumed in this analysis for submissions in which the connection between the nonCBI chemical identity and the company information, etc. is claimed to be confidential. Therefore, the value shown in the table is 33% of the full value unit burden per chemical reported in Error: Reference source not found at 0.211 hours of technical labor; 0.106 hours of managerial labor.</p>					

For total industry burden and cost by activity, see the Summary Error: Reference source not found in the Abstract section, on page 2 of this document.

### Estimating Respondent Cost

Estimation of unit industry cost involves combining the unit industry burden with wage data obtained for December 2022 (2023) and converted from raw wage rate and benefit data to loaded wage rates. Table 4 presents the resultant loaded wage rates for managerial, professional/technical, and clerical staff.

**Table 4. Industry Wage Rates (2022 Dollars)**

Labor Category	Data Series <sup>a</sup>	Wage	Fringe Benefit	Fringes as % of Wage	Overhead % of Total Compensation <sup>b</sup>	Fringe + Overhead Factor	Hourly Loaded Wages <sup>c</sup>
		(a)	(b)	(c) = (b)/(a)	(d)	(e) = (c) + (d) + 1	(f) = (a) x (e)
Managerial	BLS ECEC, Private Manufacturing industries, "Mgt, Business, and Financial"	\$54.29	\$24.66	45.40%	20%	\$1.65	\$89.81
Professional / Technical	BLS ECEC, Private Manufacturing industries, "Professional and related"	\$46.01	\$23.27	50.60%	20%	\$1.71	\$78.48
Clerical or Production Worker	BLS ECEC, Private Manufacturing industries, "Office and Administrative Support"	\$23.11	\$10.33	44.70%	20%	\$1.65	\$38.06

**Footnotes**

<sup>a</sup> Source: *Employer Costs for Employee Compensation. Table 4. Private industry workers by occupational and industry group. December 2022.* (U.S. Bureau of Labor Statistics 2023).

<sup>b</sup> An overhead rate of 20% is used based on assumptions in Handbook on Valuing Changes in Time Use Induced by Regulatory Requirements and Other U.S. EPA Actions (EPA 2020)

<sup>c</sup> Wage data are rounded to the closest cent in this analysis.

Industry unit costs are presented below in Error: Reference source not found, in similar fashion to the industry unit burdens provided in Error: Reference source not found.

**Table 5. Unit Cost for Ongoing Reporting**

Activity	Unit of Analysis	Clerical Cost (2022\$)	Technical Cost (2022\$)	Managerial Cost (2022\$)	Total Cost (2022\$)
		(a)	(b)	(c)	(d)=(a)+(b)+(c)
COMPLIANCE DETERMINATION (Without Review of "Active Status" List)	Firm	\$0.00	\$39.24	\$0.00	\$39.24
COMPLIANCE DETERMINATION (Review of "Active Status" List Only)	Chemical	\$0.00	\$6.51	\$0.00	\$6.51
<b>FORM COMPLETION FOR NOMINAL SINGLE-CHEMICAL SUBMISSION</b>					
(1) Submitter Authorized Official Name, Company Name, and Mailing Address and Technical Contact Name and Telephone Number	Firm	\$0.00	\$0.78	\$0.36	\$1.14
(2) Technical Contact Name and Telephone Number	Firm				Included in (1) above
(3) NOA Certification	Submission	\$0.00	\$0.00	\$44.91	\$44.91
(4) Certifier E-mail	Submission	\$0.00	\$1.33	\$0.00	\$1.33
(5) Chemical Name 1	Chemical	\$0.00	\$6.51	\$0.00	\$6.51
(6) Chemical Identity 1	Chemical				Included in (5) above
(7) CBI Designations for Chemical Name and Chemical Identity	Chemical				Estimated at zero
(8) Start Date of Manufacture, Import, and/or Process	Chemical	\$0.00	\$1.33	\$0.00	\$1.33
(9) CBI Designation for Start Date	Chemical				Estimated at zero

(10) Chemical Identity CBI Status Declaration: maintain or not maintain claim of confidentiality of the full chemical substance identity on the TSCA Inventory	Chemical	\$0.00	\$0.16	\$0.00	\$0.16
(11) CBI Substantiation for Chemical Identity 2	Chemical	\$0.00	\$3.53	\$1.98	\$5.51
(12) CBI Substantiation for non-Chemical Identity data elements 3	Chemical	\$0.00	\$16.56	\$9.52	\$26.08
Date and Time Stamps	Submission				System-Generated
<b>SINGLE CHEMICAL SUBMISSION FORM COMPLETION</b>		\$0.00	\$30.21	\$56.76	<b>\$86.97</b>
<b>RECORDKEEPING</b>					
Per NOA Submission	Firm	\$4.76	\$0.00	\$0.00	\$4.76
<b>Average Annual Ongoing Unit Cost per Firm</b>					
CDX Registration & Updates		\$0.00	\$41.59	\$0.00	\$41.59
Compliance Determination		\$0.00	\$46.01	\$0.00	\$46.01
Form Completion		\$0.00	\$30.85	\$56.94	\$87.79
Average Unit Cost per Firm in Annual Ongoing Period					\$175.40
Recordkeeping		\$4.76	\$0.00	\$0.00	\$4.76
<b>TOTAL</b>					<b>\$180.16</b>
<b>General Notes</b>					
Sources for Unit Burden estimates are drawn from various Economic Analyses and ICR Supporting Statements. Additionally, Agency BPJ was employed to finalize results. For further detail, see Section 4.6 of Burden and Cost Report for the Final Rule: TSCA Inventory Notification Requirements (EPA, 2017). Values may not sum due to rounding. Estimates are rounded to the nearest penny.					
Footnotes					
1 The composite of 0.083 hours, or about 5 minutes reported here is the result of that assessment that providing CBI chemical identity and chemical name (accession number plus generic name) requires 0.083 hours, and that providing non-CBI chemical identity and chemical name (CASRN and TSCA Inventory name) requires 0.083 hours. See Appendix B for further detail and reference. Also note that about 5% of CDR chemicals are reported as having CBI chemical identities.					

2 This unit burden is assumed to apply to only 5% of submissions, given that 5% of CDR chemicals are reported as having CBI chemical identities. Therefore, the value shown in the table reflects 5% of the full value associated with the unit burden per chemical reported in Table 2 (1.34) at 0.045 hours of technical labor; 0.022 hours of managerial labor.

3 This unit burden is assumed to apply to 33% of submissions, given that that 33% of CDR chemicals have CBI non-chemID data elements throughout the Form U. Specifically, the same incidence rate is assumed in this analysis for submissions in which the connection between the non-CBI chemical identity and the company information, etc. is claimed to be confidential. Therefore, the value shown in the table reflects 33% of the full value associated with the unit burden per chemical reported in Table 2 at 0.211 hours of technical labor; 0.106 hours of managerial labor.

**13. Provide an estimate for the total annual cost burden to respondents or recordkeepers resulting from the collection of information.**

- 1. 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 take into account 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 time 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.**
- 2. 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. In developing cost burden estimates, agencies may consult with a sample of respondents (fewer than 10), utilize the 60-day pre-OMB submission public comment process and use existing economic or regulatory impact analysis associated with the rulemaking containing the information collection, as appropriate.**
- 3. 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.**

There are no operational and/or maintenance costs.

**14. Provide estimates of annualized cost 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. Agencies may also aggregate cost estimates from Items 12, 13, and 14 in a single table.**

In processing TSCA section 8(b) notices, the Agency will perform the following activities:

- Review NOA submissions;

- Analyze submissions for confidentiality and provide appropriate protection for confidential data;
- Acknowledge receipt of submissions and notify respondents of any submission errors or deficiencies;
- File and store submissions to Agency data systems;
- Update the TSCA Inventory based on notices received;
- Provide technical assistance to respondents; and
- Conduct site and record inspections and perform related compliance monitoring functions.

**Estimating Agency Burden and Cost**

Ongoing agency costs associated with the information collection are associated with the following Agency activities:

- Reviewing NOA submissions;
- Analyzing submissions for confidentiality and providing appropriate protection for confidential data;
- Acknowledging receipt of submissions and notifying respondents of any submission errors or deficiencies;
- Filing and storage of submissions to Agency data systems;
- Updating the TSCA Inventory based on notices received;
- Providing technical assistance to respondents; and
- Conducting site and record inspections and performing related compliance monitoring functions.

**Table 6. Agency Wage Rate (2022 Dollars)**

Labor Category	Data Source for Wage Information	Wage (\$/hour)	Fringe s as % wage <sup>b</sup>	Fringe Benefit	Total Compensation	Overhead as % total compensation <sup>c</sup>	Overhead	Loaded Wage (\$/hr)
		(a)	(b)	(c) = (a)*(b)	(d) = (a)+(c)	(e)	(f) = (d)*(e)	(g) = (d)+(f)
EPA staff	Annual federal staff cost: OPM Washington-Baltimore-Northern Virginia, DC-MD-PA-VA-WV area, GS-13 Step 5 pay rates <sup>a</sup>	\$58.01	0.64	\$37.07	\$95.08	20%	\$19.02	\$114.09

**Footnotes**  
 a Source: U.S. Office of Personnel Management. (2022). Salary Table 2022-DCB. <https://www.opm.gov/policy-data-oversight/pay-leave/salaries-wages/salary-tables/pdf/2022/DCB.pdf>  
 b Source: Falk, J. 2012. "Comparing Benefits and Total Compensation in the Federal Government and the Private Sector." Congressional Budget Office Working Paper Series.



<https://www.cbo.gov/sites/default/files/112th-congress-2011-2012/workingpaper/2012-04fedbenefitswp0.pdf>

c An overhead rate of 20% is used based on assumptions in *Handbook on Valuing Changes in Time Use Induced by Regulatory Requirements and Other U.S. EPA Actions* (EPA 2020).

**Table 7. Agency Burden and Cost for IT and Inventory Publication**

Activity	Burden	Labor Cost	Non-Labor Cost	Total Cost (2016\$)
Annual Ongoing Reporting Period				
CDX and CISS	0.5 FTE	\$118,654	\$10,000	\$128,654
Management of NOA Submissions	1.144 hours × 57 submissions	\$7,440	\$0	\$7,440
TSCA Inventory Maintenance	0.5 FTE	\$118,654	\$10,000	\$128,654
TOTAL Annual Ongoing Costs				\$264,747

**15. Explain the reasons for any program changes or adjustments reported on the burden worksheet.**

There is a decrease of 90 hours in the total estimated respondent burden compared with that identified in the ICR currently approved by OMB (234 hours). This decrease is due to a significant burden hour reduction related to the time-limited one-time reporting (EPA Form No. 9600-05; Notice of Activity Form A), and the retrospective substantiation of CBI imposed by the 2020 amendment that is covered by the ICR identified under OMB Control No. 2070-0210 (EPA ICR No. 2594.03) which was discontinued July 31, 2023 because those activities are now complete (see the Table 3, Unit burden for Ongoing Reporting, Form Completion, decreased to 1.027 burden hours, which in the previous ICR was estimated at 9.279 burden hours). The EPA will increase the estimated number of annual respondents from the previous ICR of 20 respondents per year to an average of 57 respondents per year, as this number is the observed average over the 2021-2023 time period. This change is an adjustment.

**16. For collections whose results will be published, outline the 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.**

This question is not applicable to this ICR.

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

This question not applicable to this ICR.

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

EPA does not request an exception to the certification of this information collection.

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## **SUPPLEMENTAL INFORMATION**

### PRA Burden Statement

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2070-0201). Responses to this collection of information are mandatory for certain persons, as specified at 40 CFR Part 710. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information is estimated to be 1.5 hour(s) per response. Send comments on the Agency’s need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Information Engagement Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

You can also provide comments to the Office of Information and Regulatory Affairs, Office of Management and Budget via <https://www.reginfo.gov/public/do/PRAMain>. Find this particular information collection by selecting “Currently under 30-day Review—Open for Public Comments” or by using the search function.

All comments received by EPA will be included in the docket without change, including any personal information provided, unless the comment includes profanity, threats, information claimed to be Confidential Business Information (CBI), or other information whose disclosure is restricted by statute. Do not submit electronically any information you consider to be CBI or other information whose disclosure is restricted by statute.

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## **LIST OF ATTACHMENTS**

The attachments listed below can be found in the docket for this ICR. The docket for this ICR is accessible electronically through <https://www.regulations.gov> using Docket ID Number: EPA-HQ-OPPT-2020-0413.

Attachment	Description
A	Consultation Solicitation
B	Consultation Response
C	EPA Form Activity B 9600-06

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## References

[15 U.S.C. 2607 – Section 8\(b\) of the Toxic Substances Control Act](#)

[40 CFR 710](#)

Abt Associates. (2016). Estimated Burden Associated with Searching for Chemicals on the TSCA Inventory List.

Bureau of Labor Statistics (BLS). (2018). Employer Costs for Employee Compensation Historical Supplementary Tables: December 2006 - June 2018.

EPA. (2002). Revised Economic Analysis for the Amended Inventory Update Rule: Final Report. <https://www.regulations.gov/document/EPA-HQ-OPPT-2014-0650-0011>

EPA. (2009). ICR Handbook: EPA's Guide to Writing Information Collection Requests under the Paperwork Reduction Act of 1995. <https://www.regulations.gov/document/EPA-HQ-OW-2017-0300-0436>

EPA. (2011). Revising TRI Burden to Ratio-Based Methodology. Washington, D.C. <https://www.epa.gov/sites/production/files/documents/136321RatioBasedMethodology.pdf>

EPA. (2015a). Supporting Statement for a Request for OMB Review under the Paperwork Reduction Act: Partial Update of the TSCA Section 8(b) Inventory Data Base, Production and Site Reports (Chemical Data Reporting). <https://www.regulations.gov/document/EPA-HQ-OPPT-2016-0426-0092>

EPA. (2015b). Supporting Statement for a Request for OMB Review under the Paperwork Reduction Act: Premanufacture Review Reporting and Exemption Requirements for New Chemical Substances and Significant New Use Reporting Requirements for Chemical Substances. <http://www.regulations.gov/document?D=EPA-HQ-OPPT-2014-0735-0016>

EPA. (2016). Economic Analysis for Proposed Rule: Significant New Uses of Chemical Substances; Updates to the Hazard Communication Program and Regulatory Framework; Minor Amendments to Reporting Requirements for Premanufacture

Notices. Washington, D.C. <https://www.regulations.gov/document?D=EPA-HQ-OPPT-2014-0650-0026>

EPA. (2017). Burden and Cost Report for the Final Rule: TSCA Inventory Notification Requirements.

Office of Personnel Management (OPM). (2017). Pay & Leave: Salaries & Wages: Salary Table 2017-DCB. [www.opm.gov/policy-data-oversight/pay-leave/salaries-wages/salary-tables/17Tables/html/DCB\\_h.aspx](http://www.opm.gov/policy-data-oversight/pay-leave/salaries-wages/salary-tables/17Tables/html/DCB_h.aspx)

Rice, C. (2002). Wage Rates for Economic Analysis of the Toxics Release Inventory Program. <https://www.regulations.gov/document?D=EPA-HQ-OPPT-2014-0650-0005>

Williamson, T. (2016). Email from Tracy Williamson to Cody Rice and Laura Nielsen. October 26, 2016. RE: INV Rule - Internal Resources.