

CDVG For Your Information (FYI) Scr Environmental Protection Agency For Your Information (FYI) Screenshots Office of Pollution Prevention and Toxics Manage Toxic Substances

> Delivery Order # GS00Q09BGD0022 Task Order # EP-G11H-00154 Project # TDD 9.21 September 11, 2013



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1 For Your Information (FYI) Screenshots

1.1 Overview

FYI submissions are from a classification system established by the Environmental Protection Agency (EPA) to distinguish voluntary submissions from substantial risk notices, also known as Section 8(e) Notices, which are formally submitted to EPA under TSCA Section 8(e). The FYI classification was created by EPA to capture submissions by people and organizations not subject to the reporting requirements, but who desire to inform EPA of potential toxic substances that may pose a risk to human health or to the environment.

EPA has received FYI submissions covering a wide variety of chemical substances and mixtures from chemical companies, trade associations, unions, public interest groups, civic associations, private citizens, academic institutions, state and other federal agencies, as well as similar organizations and agencies in foreign countries. These submissions contain information on human exposure, epidemiology, toxicity test results, monitoring studies, environmental fate, and other information that may be important to risk assessment.

Sometimes FYIs are submitted when a manufacturer, importer, or processor is not sure the information they have gathered supports a conclusion of substantial risk. FYI submissions are often submitted to the Agency when a person or company that is not required to submit would like to bring a chemical's risk information to EPA's attention. Chemical companies, trade associations, public interest groups, and academic institutions are among those who submit FYIs.

The FYI application is an electronic, web-based tool provided by EPA for the submission of FYI data. As a Primary AO, you can create or modify an FYI submission as well as submit to EPA via the Central Data Exchange (CDX). You can also create FYI amendments and download the Copy of Record (CoR).

This electronic application is optional for the production and submission of these filings.

Potential users may find that the use of this application saves time, burden and, because it is in an electronic format, provides easy access to reporting forms. Potential users are reminded to carefully read and follow application instructions. Persons who wish to use this application must address all provisions in the application including those relating to indexing information (i.e., company name, address, chemical name, etc.) and those related to Confidential Business Information (CBI) submissions, including the requirement for the submission of sanitized or redacted filings.

If data is claimed as CBI, it will not be made available to the public unless EPA determines that the information is not entitled to confidential treatment in accordance with the Agency confidentiality regulations at 40 Code of Federal Regulations (CFR) part 2, subpart B.

This TSCA FYI Submission electronic application is optional for the production and submission of these filings. The paper option for filing will continue to be allowed.

Potential users may find that the use of this application saves time, burden and, because it is in an electronic format, provides easy access to reporting forms. Potential users are reminded to carefully read and follow application instructions. Persons who wish to use this application must address all provisions in the application, including those relating to indexing information (i.e.,

company name, address, chemical name etc.) and those related to CBI submissions, including the requirement for the submission of sanitized or redacted filings.

Please note that certain CBI claims will not be accepted if you choose to use this electronic application for TSCA FYI Submission. For example, chemical name and/or chemical identity, if the chemical is listed on the public portion of the TSCA Inventory, may not be claimed as CBI in a submission using this application. Similarly, the user must enter a non-confidential study title, because it may not be claimed as CBI. EPA does not expect that such information, if evaluated under procedures at 40 CFR part 2, subpart B, would generally be found entitled to confidential treatment.

If the user believes that these or other data elements should be treated as CBI, then the user may use the paper option to file the FYI Submission and assert CBI claims.

If the user claims an uploaded document as CBI, a sanitized document must be provided.

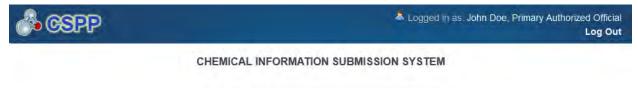
The following fields can be claimed as CBI within the 'FYI Submission' application:

- Technical Contact Information
- Submitting on Behalf of Company information
- Submitting on Behalf of Consortium information
- A single chemical substance that is not on the public TSCA Inventory
- The chemical substances comprising a mixture
- The percent concentrations of individual chemical substances in a mixture
- Any document uploaded within the 'Document Management' pop-up window
- Submitting Official Information



1.2 FYI Screenshots

Exhibit 1-1: Mock-Up of Chemical Information Submission System Screen



TSCA FYI Submission

OK

For Your Information (FYI) submissions are submissions from a classification system that was established by EPA to distinguish voluntary submissions from "substantial risk" notices submitted formally to EPA under TSCA Section 8(e). The FYI classification was created by EPA to capture submissions by persons or organizations not subject to the reporting requirements, but who wished to inform EPA of a potential risk or information related to a chemical substance or mixture.

This electronic application is optional for FYI submissions. The paper option for filing will continue to be allowed.

Paperwork Reduction Act Notice

The information collection requirements contained in the information collection request (ICR) have been submitted for OMB approval under 15 U.S.C. 2607(e). The ICR prepared by EPA, identified under EPA ICR No. 0794.13 and OMB control number 2070-0046, is available in the docket for the ICR. ICR No. 0794.13 addresses the incremental changes to the currently approved ICR documents that cover the existing reporting and record keeping programs that are approved under OMB control number 2070-0046. 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.

Authority

The Government Paperwork Elimination Act (GPEA) (44 U.S.C. 3504) provides that, when practicable, Federal organizations use electronic forms, electronic filings, and electronic signatures to conduct official business with the public.



Exhibit 1-2: Mock-Up of Home Screen

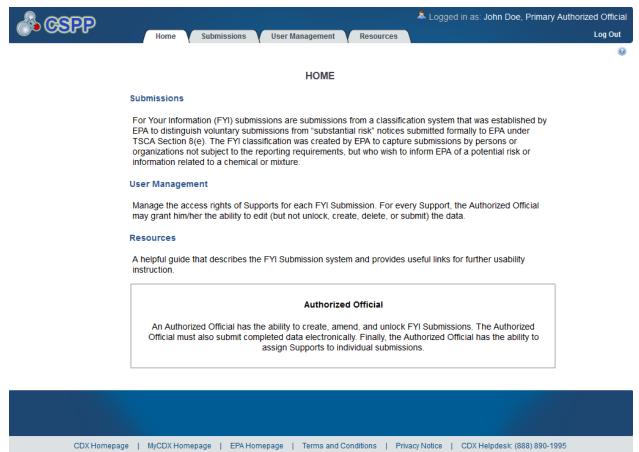




Exhibit 1-3: Mock-Up of FYI Submissions Screen

A CSEP				👗 Log	iged in as: John Do	e, Primary Authorized O
o corr	Home	Submissions V U	ser Management Y	Resources		Log
			FYI			
 To access and edit associated with the download a copy o You may delete an It may take up to 15 	a Completed subri selected submission f record for a submi y In Progress subri	ick the submission ali nission, unlock the su on. All additional chan ssion. nission by clicking the opy of Record to becc	as link in the Subm i bmission by clicking ges made will be su delete icon (X).	ission Alias column in t the lock icon (i) and bmitted as an amendme nust refresh this screen	d enter your passp ent. Click the green	arrow icon (🤳) to
3 items found.			Page 1 of 1		Ite	ems per page: 25 *
Submission Alias *	Case Number =	Status =	Modify Date =	Submission Date =	Copy of Record	Action
Tue Jul 02 13:48:33 EDT 2013		🖹 In Progress	07/02/2013			×
Wed Jul 03 10:22:16 EDT 2013		In Progress	07/03/2013			×
			: 윤 CSV 오 Excel Start New Submiss	2		

CDX Homepage | MyCDX Homepage | EPA Homepage | Terms and Conditions | Privacy Notice | CDX Helpdesk: (888) 890-1995



Exhibit 1-4: Mock-Up of Create Passphrase Screen

	Logged in as: John Doe, Primary Authorized Official
Co corr	Log Out
	(e)
CREATE PAS	SPHRASE
Please create a passphrase that is at least 8 characters in length and does should contain a combination of letters and numbers. The passphrase you (for example, +,?, and *). You can associate the same passphrase with multiple of the	create may include spaces but should not contain special characters
New Passphrase Confirm New Passphrase	
A passphrase can only be created by an Authorized Official for an individua protect the contents of your data. As an Authorized Official, you are respor authorized Supports.	
Note: You will be responsible for remembering the passphrase and If you forget the passphrase, you will not be able to access the FYI	
Cancel	Next
CDX Homepage MyCDX Homepage EPA Homepage Terms ;	and Conditions Privacy Notice CDX Helpdesk: (888) 890-1995



	Home V Submiss			
FYI Submission	✓ FYI Submission > Contact Inf	ormation > Technical Contact Information		
mary Authorized Official		TECHNICAL CONTA	ACT INFORMATION	
ontact Information	Identify the technical as	test when is seen blood from successing and	diana valated to the obemical/a)	automitted to CDA within this
Technical Contact Information		ntact who is capable of answering ques s submission is being submitted on be		
nemical Report		. If submitting on behalf of is not applic		
Chemical Identification		ow to import your CDX registration cor name on the Submissions Screen. I		
Document Management		s not selected, the field will default to t	he date and time it was created.	The submission alias may
	changed at any time.			
	Submission Alias: Tu	e Sep 10 11:06:57 EDT 2013		
	© N/A:			
	This is a submiss	ion on behalf of a consortium:		
	This is a submiss	ion on behalf of another company:		
	Copy CDX Regist	ration		
	CBI			
	Prefix:			
	First Name:			
	Middle Initial:			
	Last Name:	-		
	Suffix:			
	Company Name:			
	Phone Number:	(Do not enter any dashes (-) in Phone Numb	er Bald skows 1	Ext:
	Email Address:	(Do not enter any dashes (-) in choice numb	er neig above, j	
	Mailing Address 1.			
		Street address, P.O. box, company name	, etc.	
	Mailing Address 2:			
		Apartment, suite, etc.		
	City	-		
	State:			
	Postal Code:			
	Country:		7	
		Ne	the	
		INC		
Add Chemical		V 🗎		
		Validate Save	Preview Submit	

Exhibit 1-5: Mock-Up of Technical Contact Information Screen



	Home Submissions	User Management Resources		
FYI Submission	FYI Submission > Contact Informat	ion > Submitting on Behalf of Consortium		
Primary Authorized Official Contact Information		SUBMITTING ON BEHALF OF CONSORT	ТИМ	
Technical Contact	Provide the consortium na	me and click the Add button to enter member contact i	nformation.	
Information Submitting on Behalf	Consortium Name:			
of Consortium	Consonaum Name.			
Chemical Report		5. · · · · · · · · · · · · · · · · · · ·	Expand All Coll	
Chemical Identification	F CGI FEDERAL (John De Contraction Participation)	oe)	Edit	×
Document Management	*		Cancel	×
Remove Chemical Report	CBI:	7		
Chemical Identification	Prefix:	*		
Document Management	First Name:			r
Remove	Middle Initial:			-
	Last Name:			1
	Suffix:	*		1
	Company Name:			r l
	Phone Number:		Ext:	
		Do not enter any dashes (-) in Phone Number field above.)	LAL.	
	Email Address:			1
	Mailing Address 1:			1
	s	treet address, P.O. box, company name, etc.		
	Mailing Address 2:			
	the second se	partment, suite, etc.		1
	City:			
	State:	*		
	Postal Code:			
	Country:			
		Save		

Exhibit 1-6: Mock-Up of Submitting on Behalf of Consortium Screen



	FYI Submission > Contact Infe	ormation > Subr	nitting on Behalf of Com	ipany		
Primary Authorized Official Contact Information				BEHALF OF COMPANY		
Chemical Contact Information Submitting on Behalf of Company Chemical Report Chemical Identification Document Management	Fill out the fields belo made. CBI: Prefix: First Name: Middle Initial: Last Name: Suffix: Company Name: Phone Number: Email Address: Mailing Address 1: Mailing Address 2: City: State: Postal Code: Country:	C	any dashes (-) in Phone N s, P.O. box, company n	umber field above.)	behalf this submission is being	
Add Chemical		1			n.	

Exhibit 1-7: Mock-Up of Submitting on Behalf of Company Screen



Exhibit 1-8: Mock-Up of Chemical Identification Screen – No Mixture (Able to claim chemical as CBI)

A CORD	and the second second		👗 Lo	gged in as. John Doe, Primary Authorized Official
On Contra	Home Submissions	User Management	Resources	Log Out
FYI Submission Primary Authorized Official	◄ FYI Submission > Chemical Report > Cl	nemical Identification		9
Contact Information		CHEMICA	L IDENTIFICATIO	N
Chemical Contact Information				eport when there is more than one o distinguish between multiple chemical
H 🗐 Document Management	Is this a submission for a mixtu Click the button below to sear		© Yes ● No gistry Services (SRS)	for the desired chemical.
	Search SRS			
	CBI: Chemical Identifier: Chemical Name: Synonym:	Accession N Ricinoleic ac	umber: 11111 id homopolymer	+
		Previous	Nex	a
Add Chemical	Validate	Save	Preview	Submit
CDX Homepa	ge MyCDX Homepage EPA Home	page Terms and Cond	ditions Privacy Notic	e CDX Helpdesk: (888) 890-1995



Exhibit 1-9: Mock-Up of Chemical Identification – No Mixture (Not able to claim chemical as CBI)

A (399)	and the second second		at Logged in as: John Do	oe, Primary Authorized Official
Of Corre	Home Submissions U	ser Management Y Resource	95	Log Out
FYI Submission Primary Authorized Official	FYI Submission > Chemical Report > Chemical R	nical Identification	TEICATION	0
Contact Information Technical Contact Information Chemical Report Identification Document Management	The chemical alias is an optiona chemical per submission. The al reports. Chemical Alias: Is this a submission for a mixture	I field used to help identify eac ias will display in the navigation	h chemical report when there is	
	Click the button below to search SRS Search Chemical Identifier: Chemical Name: Synonym:	EPA's Substance Registry Ser CASRN: 50-00-0 Formaldehyde Previous	vices (SRS) for the desired che	mical.
Add Chemical	validate	Carrier Contra	view Submit	(888) 890-1995



	Home Submissions User Management	Resources	Log C
FYI Submission	FYI Submission > Chemical Report > Chemical Identification		
rimary Authorized Official	r in submission > chemical report > chemical identification		
Contact Information	CHEMICA	AL IDENTIFICATION	
Technical Contact Information Chemical Report	The chemical alias is an optional field user to help id chemical per submission. The alias will display in the		
Chemical	reports.		
Identification	Chemical Alias:		
Document Management			
	Is this a submission for a mixture?	Yes O No	
	Please check this checkbox if the mixture is CBI		
	Please provide the mixture, compound, or product na	ime:	
			Expand All Collapse All
	-		Cancel X
	Search SRS	ce Registry Services (SRS) for the (desired chemical.
		ce Registry Services (SRS) for the o	Jesired chemical.
	Search SRS Chemical Identifier: Chemical Name: Synonym: Mixture %:		Jesired chemical.
	Search SRS Chemical Identifier: Chemical Name: Synonym: Mixture %:	Save	Jesired chemical.
	Search SRS Chemical Identifier: Chemical Name: Synonym: Mixture %: Mixture % CBI:	Save	Jesired chemical.
Add Chemical	Search SRS Chemical Identifier: Chemical Name: Synonym: Mixture %: Mixture % CBI: Click the Add button to add a new mixture component	Save	Jesired chemical.

Exhibit 1-10: Mock-Up of Chemical Identification Screen – Mixture



Exhibit 1-11: Mock-Up of the Search Substance Registry (SRS) Search Pop-Up Window

	UBSTANCE REGISTRY SERV	ICES
Enter the specific or partial, currently com nventory and/or the exact corresponding eportable chemical substance at your sit combination from EPA's Substance Regis	g Chemical Abstract Services Regis le. Click Search and select the appr	try Number (CASRN) for each
Please search by CASRN or CA Inde	x Name	
1. CASRN:	Matches exactly	
2. CA Index Name or Other Syno	nym: Matches Exactly 👻	
		Search
	OR	
Enter the specific or partial, currently con exact or partial corresponding Generic Na	ame for each reportable chemical s	ubstance at your site. Click
Search and select the appropriate Access Registry Services (SRS).		
Registry Services (SRS).		
Registry Services (SRS). Please search by Accession Numbe	r and/or Generic Name	



Exhibit 1-12: Mock-Up of the Chemical Not Found in Substance Registry Services Pop-Up Window

chemical substance information has be If you need to go back to the SRS sea	
-Chemical ID	non bereen, please ener ounder.
Unknown:	
Accession Number	
CASRN	
PMN Number:	
IUPAC Name:	
Chemical Name (descriptor):	
	Cancel OK



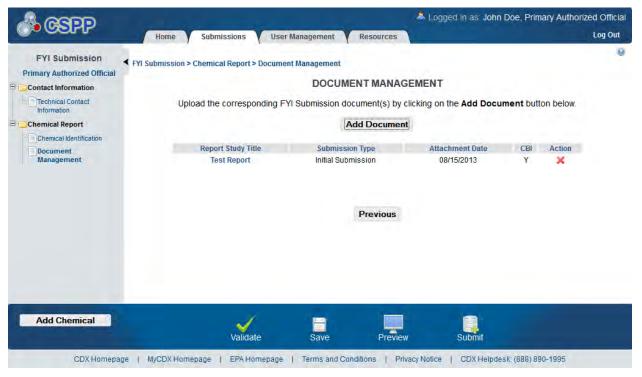


Exhibit 1-13: Mock-Up of Document Management Screen



Exhibit 1-14: Mock-Up of Document Management Pop-up Window (Display Submission Type)

	DOCUMENTMANA	AGEMENT	
elect the submission type and	browse for the document.		
ote: For security purposes, d here are any validation errors		when there are no validation erro	
nere are any valuation errors	, all documents must be re	allached.	
eport Study Title:			
Submission Type:			
CBI:	Initial Submission	rowse	
Document Upload:	Follow-up Submission		
Sanitized Document Upload	Final Report Submission		
Summary/Abstract:	Yes: 🖲 No: 🔿		
CBI			
Document Upload:	Br	Browse	
Sanitized Document Upload.	Br	owse	
Effects:			
EndPoints:	+		



Exhibit 1-15: Mock-Up of Document Management Pop-up Window (Display Effects)

		DOC	UMENTM	ANAGEMENT	
lect the subm	nission type and	d browse for	the docum	ent.	
	rity purposes, or validation error			ed when there are no	validation errors
lere are any	validation error	s, all docum	ents must b	e reallached.	
oort Study Titl	e:				
Submission	Туре:				
CBI:		V			
Document Upload:				Browse	
Sanitized D	ocument Upload	5		Browse	
Summary/A	bstract	Yes: No:	0		
CBI:		2			
Document l	Jpload:			Browse	
Sanitized D	ocument Upload			Browse	
Effects			-		
EndPoints Health Effects		_	+		
	Environmental Fa	ate			
	Ecotoxicity				
	Physical Chemic				



Exhibit 1-16: Mock-Up of Document Management Pop-Up Window (Display Endpoints)

		DOC	UMENTN	IANAGEMEN	IT
ct the subm	ission type and	d browse for	the docun	nent.	
			and the second		e are no validation erro
e are any i	validation error	s, all docum	ents must	De reallacheo	
ort Study Title:		Г			
Submission	Туре:	-		-	
CBI					
Document Upload: Sanitized Document Upload:				Browse	
		t:		Browse	
Summary/A	bstract.	Yes: No:	0		
Document L	pload	(I)		Browse	
	ocument Upload			Browse	
				1.000	
Effects:					
EndPoints					
LITUPOINTS	Acute Toxicity: o	lormal	Ŧ		
	Acute Toxicity: i				
	Acute Toxicity: I				
	Acute Toxicity: o				
	ACULE TOAICILY. C	ulei loutea			+

**Note: Please find all the possible drop-down options in Appendix A.



2 Appendix A

The following appendix displays all possible options within each drop-down menu on the 'Document Manamgement' pop-up window.

First Dropdown:

- Title: Submission Type
- Contains the following values
 - Initial Submission
 - Follow-Up Submission
 - Final Submission

Second Dropdown

- Title: Summary/Abstract Submission
- Contains the following values
 - o Yes
 - o No

Third Dropdown

- Title: Effects
- Contains the following values
 - o Health Effect
 - Ecotoxicity
 - Environmental Fate
 - o Physical-Chemical Properties

Fourth Dropdown

- Title: Endpoints
- Contains the following values
 - o For Health Effect (shows when Health Effect is selected from third dropdown)
 - Basic Toxic kinetics
 - Dermal Absorption
 - Acute Toxicity: oral
 - Acute Toxicity: inhalation
 - Acute Toxicity: dermal
 - Acute Toxicity: other routes
 - Skin irritation/corrosion
 - Eye irritation
 - Skin sensitization
 - Respiratory sensitization
 - Repeated Dose toxicity: oral
 - Repeated Dose toxicity: inhalation
 - Repeated Dose Toxicity: dermal
 - Repeated Dose Toxicity: other routes
 - Genetic Toxicity in vitro



- Genetic Toxicity in vivo
- Carcinogenicity
- Toxicity to Reproduction
- Developmental Toxicity/teratogenicity
- Toxicity to reproduction: other studies
- Neurotoxicity
- Immunotoxicity
- Specific investigations: other studies
- Health surveillance data
- Epidemiological data
- Direct observations: clinical cases, poisoning incidents and other
- Sensitization data (humans)
- Exposure related observations in humans: other data
- Toxic effects on livestock and pets
- Additional toxicological information
- Other
- o For Ecotoxicity (shows when Ecotoxicity is selected from third dropdown)
 - Short-term toxicity to fish
 - Long-term toxicity to fish
 - Short-term toxicity to aquatic invertebrates
 - Long-term toxicity to aquatic invertebrates
 - Toxicity to aquatic algae and cyanobacteria
 - Toxicity to aquatic plants other than algae
 - Toxicity to microorganisms
 - Toxicity to other aquatic organisms
 - Sediment toxicity
 - Toxicity to soil macroorganisms except arthropods
 - Toxicity to terrestrial arthropods
 - Toxicity to terrestrial plants
 - Toxicity to soil microorganisms
 - Toxicity to birds
 - Toxicity to other above-ground organisms
 - Biological effects monitoring
 - Biotransformation and kinetics
 - Additional ecotoxicological information
 - Other
- For Environmental Fate (shows when Environmental Fate is selected from third dropdown)
 - Photo transformation in air
 - Hydrolysis
 - Photo transformation in water
 - Photo transformation in soil
 - Biodegradation in water: screening test
 - Biodegradation in water and sediment: simulation tests



- Biodegradation in soil
- Mode of degradation in actual use
- Bioaccumulation: aquatic/sediment
- Bioaccumulation: terrestrial
- Adsorption/desorption
- Henry's Law constant
- Distribution Modeling
- Other Distribution Data
- Monitoring Data
- Field Studies
- Additional Information on Environmental Fate and Behavior
- Other
- For Physical-Chemical Properties (shows when Physical-Chemical Properties is selected from third dropdown)
 - Appearance/Physical
 - Melting Point
 - Boiling Point
 - Density
 - Particle size distribution
 - Vapor Pressure
 - Partition Coefficient
 - Water Solubility
 - Solubility in Organic Solvent
 - Surface Tension
 - Flash Point
 - Auto Flammability
 - Flammability
 - Explosiveness
 - Oxidizing Properties
 - Oxidation Reduction Potential
 - Stability in organic solvents and identity of relevant degradation products
 - Storage stability and reactivity towards container material
 - Stability: thermal, sunlight, metals
 - pH
 - Dissociation constant
 - Viscosity
 - Additional physic-chemical information
 - Other