



TRI-MEweb: Tackling the Electronic Reporting Challenge

By Juan Parra, TRI-MEweb Technical Lead

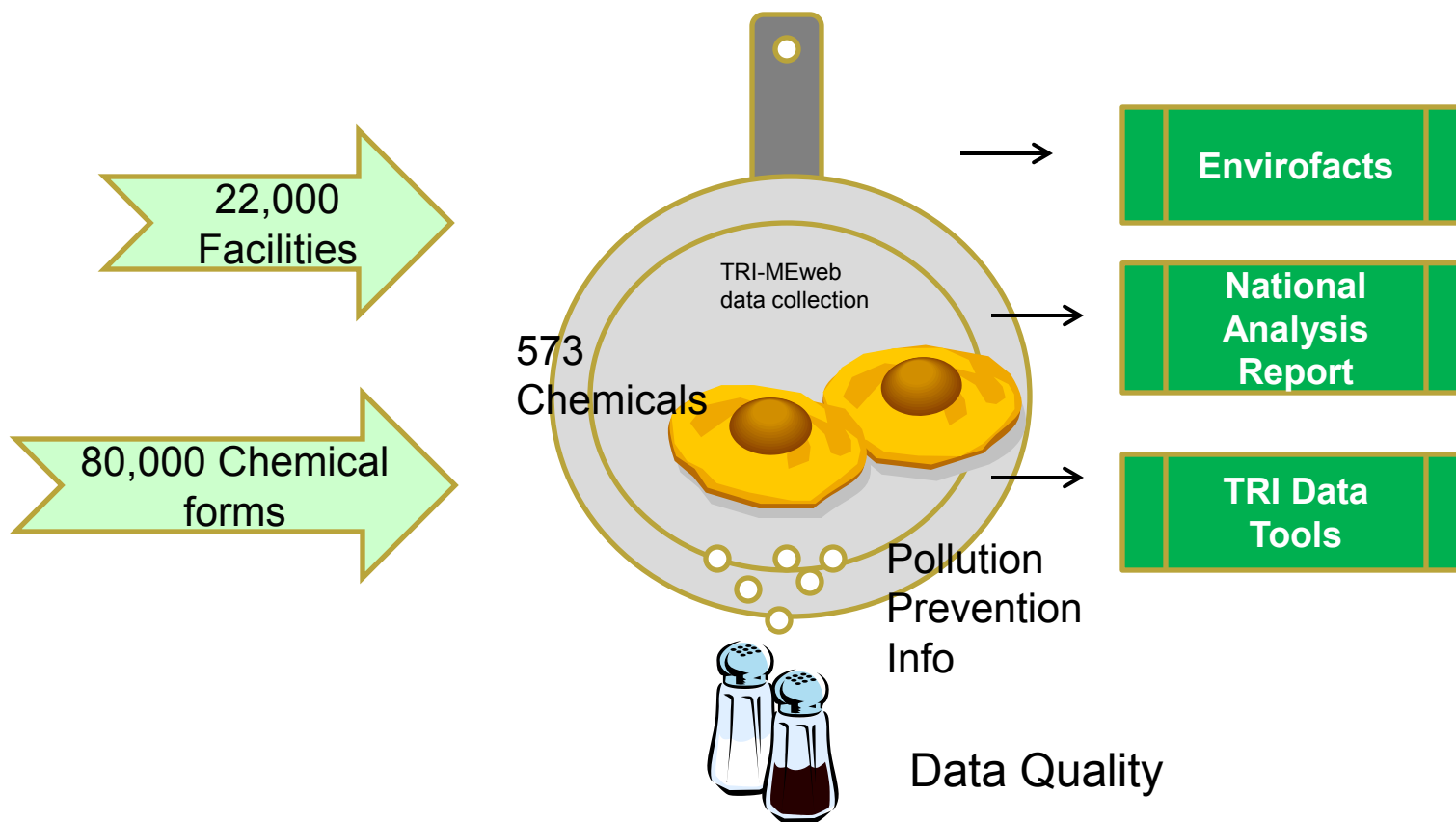
For Conference/Training Purposes Only



What is TRI-MEweb?

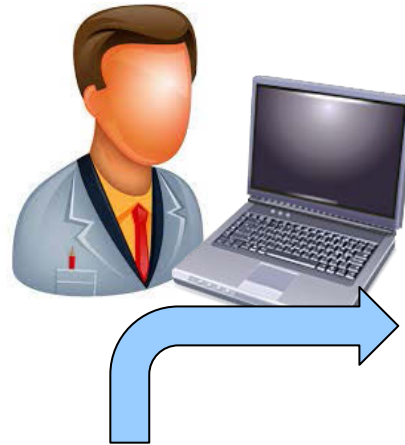
- EPA's Web-based TRI reporting system
 - Piloted in calendar year 2006 and made available to all TRI facilities in calendar year 2008
 - Does not require the user to download or install any software
 - Allows TRI facilities to submit TRI reporting forms simultaneously to EPA and their state via CDX
 - Users can prepare, transmit, and certify forms to EPA, all without leaving the application

TRI-MEweb Serves the Public with Information

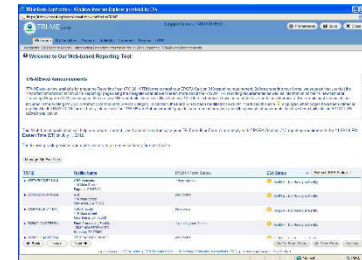




TRI-MEweb Reporting Process



TRI-MEweb



Submit to EPA

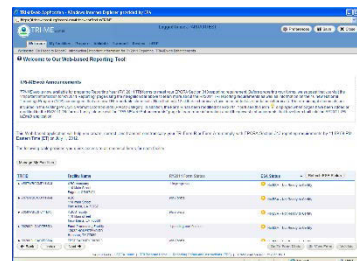
Step 1: Using TRI-MEweb, Preparer creates and transmits TRI forms to be certified.

Step 2: Facility's Certifying Official reviews and approves TRI forms to be submitted to EPA.

Step 3: Facility's Certifying Official and Preparer receive confirmation that TRI forms have been successfully submitted to EPA and state.

CDX user account

TRI-MEweb





How Do You Access TRI-MEweb Through CDX?

- Navigate to the CDX web site at: <https://cdx.epa.gov>
- Add TRI-MEweb application to MyCDX user account
- Select the appropriate role:
 - Preparer
 - Certifying Official
 - Note that both roles require a CDX user account



Why Use TRI-MEweb?

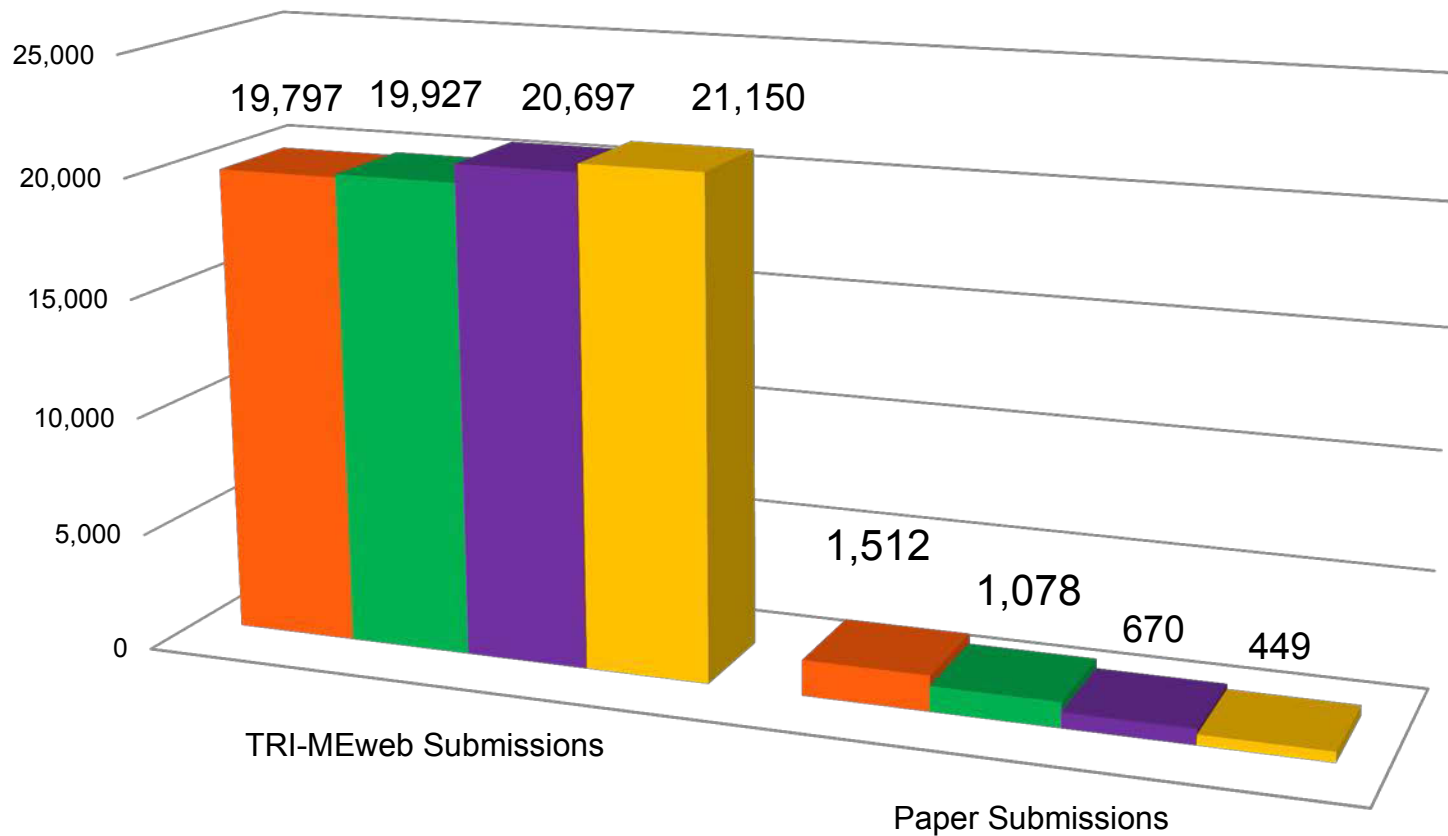
- As of January 21, 2014, all facilities are required to submit their TRI data electronically via CDX using TRI-MEweb
- Simplifies the TRI reporting process for facilities
- Allows for pre-population of current year forms to facilitate data entry
- Error-checking software reduces the potential for errors
- Automatically sends TRI forms to states
- Allows for an earlier preliminary TRI data release



TRI-MEweb Changes for RY 2012

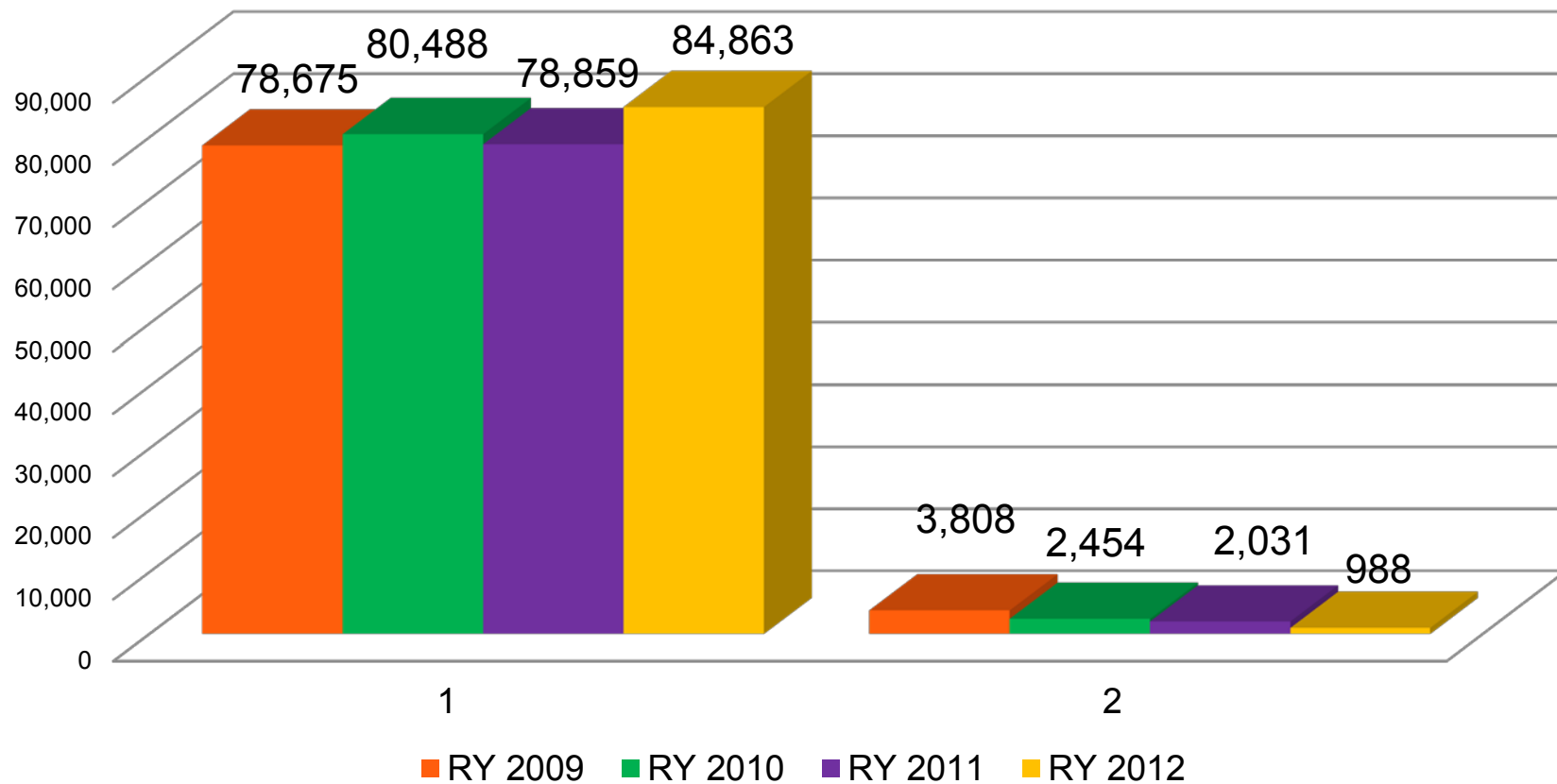
- Enhanced CDX registration process
- Universal CDX Electronic Signature Agreement
- New certification module built in TRI-MEweb
- Real-time approval of Electronic Signature Agreements using Lexis Nexis
- Enhanced reporting of pollution prevention information
- Electronic Facility Data Profile (eFDP) reports available in TRI-MEweb

Facility Submissions by Media Type: Past Four Reporting Years

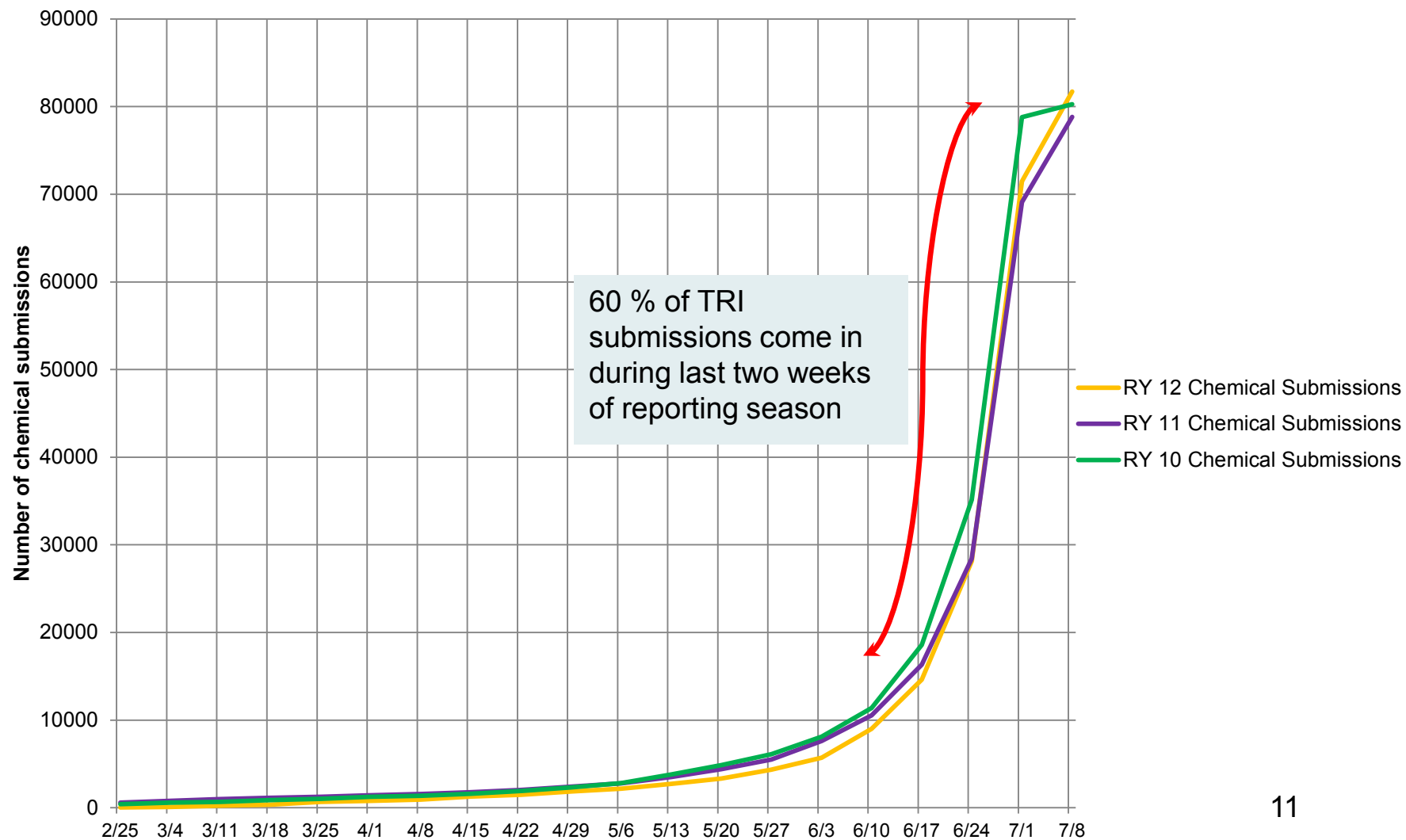


RY 2009 RY 2010 RY 2011 RY 2012

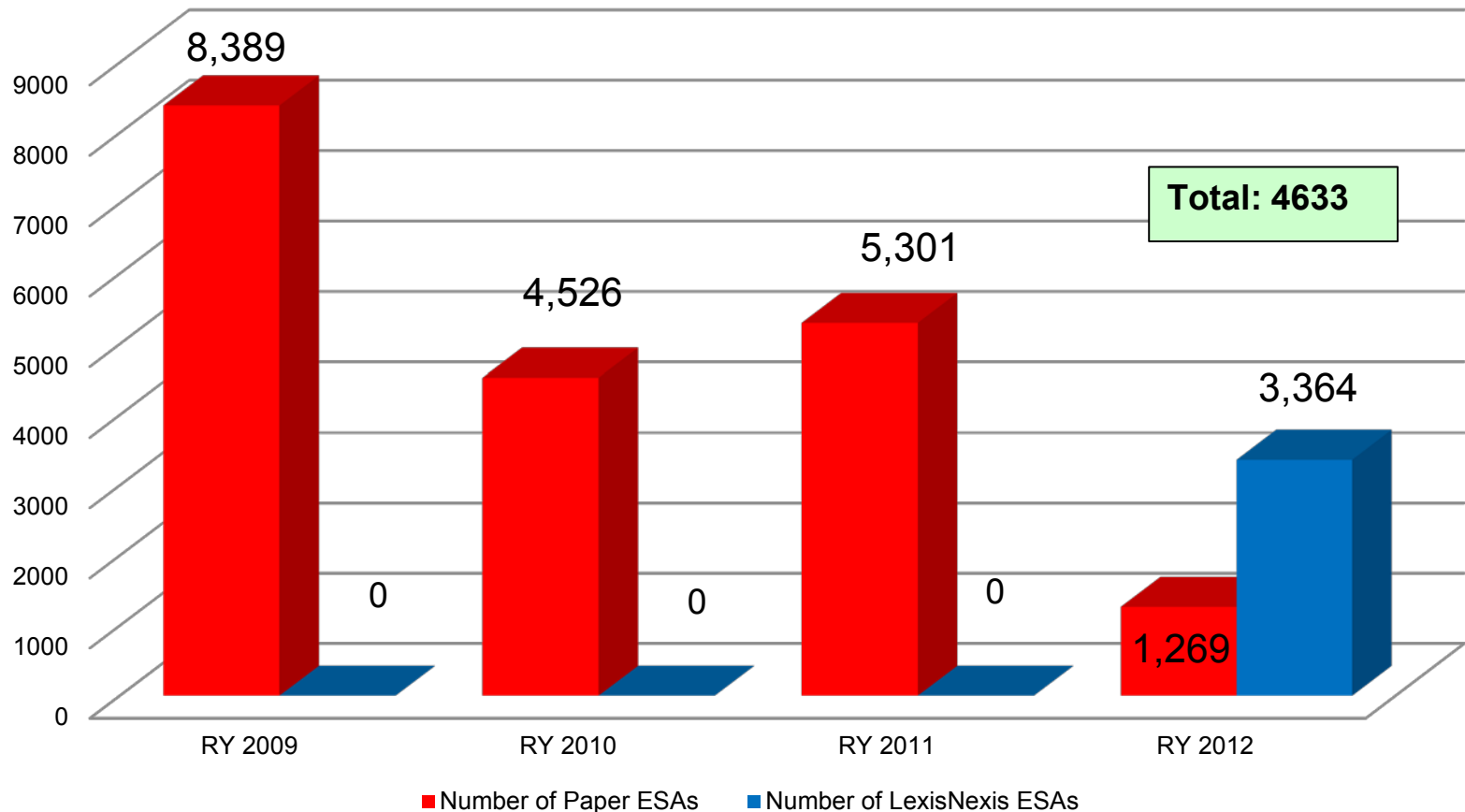
Chemical Submissions by Media Type: Past Four Reporting Years



TRI-MEweb Submission Statistics



Number of TRI-MEweb Electronic Signature Agreements for New Certifying Officials





Email Communications from TRI Program to Facilities

- Mass email sent on February 24, 2013, announcing release of RY 2012 TRI-MEweb application
- EPA will send reminder emails to facilities that did not submit TRI forms 30 and 90 days before reporting deadline



New Reporting Requirements for RY 2013

- Electronic Reporting Rule in effect as of January 21, 2014
- No paper submissions will be accepted by Data Processing Center
- Paper forms will be returned to sender with letter asking facilities to submit electronically
- Forms prior to RY 1991 will no longer be accepted
- The eFDP report cannot be used to submit corrections



Select RY 2013 Enhancements for TRI-MEweb

- RY1991 – RY 2004 forms feature
- Publicly Owned Treatment Works (POTW) Ultimate % Distribution Defaults
- Facility Address Change Justification Statement Requirement
- eFDP in TRI-MEweb – upgrade and processing changes



RY 2013 Enhancement: RY 1991-RY 2004 Forms

- Forms from RY 1991 to current year can be prepared, revised, or withdrawn in TRI-MEweb
- Basic/limited data entry checks for forms prior to RY 2004, as compared to error checks for RY 2005 forms onwards
- RY 1991-2004 forms are completed and submitted in form mode
- RY 1991-2004 forms must be saved on a disk and sent by mail to states
- TDX states cannot receive RY 1991-RY 2004 submissions electronically



RY 1991-RY 2004 Forms in TRI-MEweb

TRI-MEweb

Logged in as: JPARRA01, US EPA

Preferences Save Close

Welcome My Facilities **Prepare** Validate Transmit Review Certify eFDP

Select Year | Select Facility | Forms

Select a Reporting Year

TRI-MEweb allows you to prepare RY1991 through RY2013 TRI forms for your facility. If you wish to prepare RY2013 forms for a facility, click **Next** and you will have access to draft RY2013 forms that TRI-MEweb has created based on your RY2012 reports for that facility. If, however, you wish to revise a form for a prior reporting year, or transmit an original form for a prior reporting year, select it from the list below and click **Next**. You may return at any time to this page to change between reporting years.

Reporting Year: 2013 ▼

- 2013
- 2012
- 2011
- 2010
- 2009
- 2008
- 2007
- 2006
- 2005
- 2004
- 2003
- 2002
- 2001
- 2000
- 1999

RY 1991-RY 2004 Submissions in TRI-MEweb

Introduction | [Create New Submission](#)

Final Review of Forms My Facility fairfax, VA
2201WMYFCL11MAI
Reporting Year 2000

Form Completion → Select Form(s) for Certification → Select Certifying Official(s) → **Final Review** → Transmit to State or Tribe

Please review the information shown below for this submission. If you would like to mark the forms listed below as pending certification, click **Next**. An e-mail will be sent to each certifying official listed on this page notifying them that the submission is ready for certification. You, as the preparer, will also receive an e-mail confirmation.

Click **Cancel**, if you do not wish to proceed with this transmission.

TRIFID: 2201WMYFCL11MAI Certifying Official Name: Martha Donati
Name: My Facility E-mail: martina.donati@cgifederal.com
Address: 110 main Street
fairfax, VA 22015

Forms Selected (click on a chemical name to view the form)

CAS No/Cat. Code	Chemical Name	Form Type	Reporting Year	Revision?
000079005	1,1,2-Trichloroethane	Form A	2000	No

Federal submissions from RY 1991 to RY 2004 must be certified before submitting to EPA

← Back Index Next →

RY 1991-RY 2004 Submissions in TRI-MEweb

TRI-MEWEB

Welcome My Facilities Prepare Validate Transmit **Review** Certify eFDP

Reporting Summary

Prepare Forms for State Submission

Creek Pen Facility Dallas, TX
7520WCRKPN2493N
Reporting Year 2000

Use the buttons and/or links provided below to prepare the form for mailing to the state or tribe in which your facility is located. This page allows you to prepare both paper and diskette submissions, though both are not typically required. Please review the TRI Program's [State Programs](#) page or [Tribal Program Website](#) to determine what type(s) of submission you should send to obtain the correct mailing address for the TRI contact for the state or tribe in which your facility is located.

Please review the [paper or diskette submission checklist](#), to ensure that you properly submit your TRI reporting forms. Be sure to certify the submission by signing the paper forms or, if submitting by diskette, printing, signing, and including the [Diskette Certification Letter](#) along with the diskette.

When you're finished, click **Next** to return to the Reporting Summary

Preparing a Diskette/CD/DVD:

Preparing Paper Forms:

Individual Report(s)				
CAS No.	Chemical Name	Year	Form Type	Revision?
000079005	1,1,2-TRICHLOROETHANE (PDF)	2000	Form R	No

RY 1991-RY 2004 forms must be sent to state by mail



RY 2013 Enhancements: POTW Ultimate % Distribution Defaults

- Indicates how POTWs manage chemicals in injection wells, landfills or treated on site.
- Percentage (%) distribution default values based on EPA's Risk Screening Environmental Indicators (RSEI) model
- POTW % distribution values are editable in Section 6.1
- Distribution % corresponds to specific TRI chemical



RY2013 Enhancements: POTW Ultimate % Distribution Defaults in Section 6.1

Select Year | Select Facility | Forms | Waste Management | On-site Release/Disposal | On-site Waste Mgmt | **Off-site Transfer** | Source Reduction/Recycling | Misc Info | Summary

Off-site Transfers to POTW

(Form R, Part II, Section 6.1)

JLW Houston, TX
7702WJLWXX155BA

2013 Form R for 1,1-Dimethyl hydrazine

Please indicate how much of this TRI chemical was transferred off-site in wastewaters to publicly-owned treatment works (POTWs) during the reporting year. In addition, any estimate of 0 pounds or higher requires that you provide a basis of estimate, using the codes provided in the pick list below. If the estimate is less than 1,000 pounds you may enter a range code using the codes provided.

Also, the quantity of a TRI chemical transferred off-site to a POTW should be reported in Section 8 based on the ultimate disposition of the TRI chemical. For example, quantities of a toxic chemical sent to a POTW and subsequently treated for destruction should be reported in Section 8.7. However, if a TRI chemical is not treated, or cannot be treated, the quantity of the TRI chemical will ultimately be disposed. For this chemical, TRI-MEweb has assumed the chemical's ultimate disposition. If you are able to quantify the amount of this TRI chemical sent to a POTW that is treated for destruction and the amount disposed or released from the POTW untreated, you should edit the percentages below, as appropriate.

Not Applicable (Should I report zero instead of Not Applicable?)

Step 1: To get started entering data for Section 6.1, click **Add New POTW** to identify a POTW location.

Add New POTW

Step 2: Choose a POTW ARTHUR BAYER PARK WWTF; HOUSTON, TX

+ Add Selected

Delete Selected

1. Name: POTTSTOWN WASTEWATER TREATMENT PLANT
Address: 1269 INDUSTRIAL HIGHWAY; POTTSTOWN, PA 19464
County: Montgomery

Edit POTW

Remove POTW

Range Code	- or -	Quantity (lbs)	Basis of Estimate	Section 8.1c: Disposed in Class I UIC or Landfills	Section 8.1d: Otherwise Disposed or Released	Section 8.7: Treated Off-site	Total
No Code Selected		789	E2 - Emission Factor, Site-specific	1 %	25 %	74 %	100 %

Note that if you enter a range code, TRI data tools used by the public will display the midpoint of the range (e.g., 5, 250, or 750 lbs.)

Calculate Percentage Total(s)



RY 2013 Enhancements: POTW Ultimate % Distribution Defaults in Section 6.1

Chemical name: 1,1-Dimethyl hydrazine

Estimate	Section 8.1c: Disposed in Class I UIC or Landfills	Section 8.1d: Otherwise Disposed or Released	Section 8.7: Treated Off-site	Total
Estimate Distribution Factor, Site-specific ▾	<input type="text" value="1"/> %	<input type="text" value="25"/> %	<input type="text" value="74"/> %	100 %

[Edit POTW](#)
[Remove POTW](#)

point of the range (e.g., 5, 250, or 750 lbs.)

[Calculate Percentage Total\(s\)](#)

Note: This figure has been zoomed in from previous slide



POTW Percentages by Chemical

CAS Number	Chemical Name	% of § 6.1 to § :		
		8.1c	8.1d	8.7
Arranged by CAS Number				
50-00-0	Formaldehyde	0	8	92
51-03-6	Piperonyl butoxide	39	3	58
51-21-8	Fluorouracil	1	55	44
51-28-5	2,4-Dinitrophenol	1	24	75
51-79-6	Urethane (Ethyl carbamate)	1	55	44
52-68-6	Trichlorfon	0	8	92
53-96-3	2-Acetylaminofluorene	5	42	53
55-63-0	Nitroglycerin	1	24	75
56-23-5	Carbon tetrachloride	2	88	10
56-38-2	Parathion	9	2	89
57-14-7	1,1-Dimethyl hydrazine	1	25	74
57-33-0	Pentobarbital sodium	2	53	45
57-41-0	Phenytoin	2	51	47
57-74-9	Chlordane	61	1	38
58-89-9	Lindane	13	24	63
60-09-3	4-Aminoazobenzene	8	35	57
60-11-7	4-Dimethylaminoazobenzene	35	5	60
60-34-4	Methyl hydrazine	1	25	74
60-35-5	Acetamide	0	8	92
60-51-5	Dimethoate	1	55	44
61-82-5	Amitrole	1	55	44



R Y2013 Enhancements:

Facility Information Changes - Justification Statement

- Applies to user editing physical address, zip code, Bureau of Indian Affairs (BIA) code, and/or county name
- Stronger warning in TRI-MEweb to users modifying the facility location information
- Information collected in Section 9.1
- Explain why facility's name has changed (e.g., ownership changed)
- Benefit: Reduce time in facility reconciliation



RY2013 Enhancements: Facility Information Changes – Justification Statement

Facility Name and Address

(Form A/R Part I, Section 4.1)

Please provide the following facility information. Please provide a mailing address if it is different from your street address. Otherwise, use the check box provided.

Facility Name:

Address:

City: **State:** **Zip:** - **BIA Code:** **My facility is located in Indian Country**

County:

 **Mailing Address same as Physical Address**



Facility Information Changes – Justification Statement

Welcome My Facilities **Prepare** Validate Transmit Review Certify eFDP

Select Year | Select Facility | Forms | Waste Management | On-site Release/Disposal | On-site Waste Mgmt | Off-site Transfer | Source Reduction/Recycling | Misc Info | Summary

Facility Information Summary

The following is the summary of your facility's information. Please review

JLW Houston, TX
7702WJLWXX155BA
Reporting Year 2013

appropriate section. Otherwise, click **Next** to continue.

Facility Name and Address (Form A/R Part I, Section 4.1)

Facility Name: JLW
Address: 155 Bat Run Road
City: Houston State: TX
County: Harris BIA Code:

Mailing Address same as Physical Address

Parent Company Name and Facility Type (Form A/R Part I, S

Facility Type:

Federal facility
 Government Ow
 Neither

Parent Company Name:
Parent Company's D&B Number:

Forms for this facility contain information for:

An Entire Facility
 Part of a Facility

Are you sure that you wish to change your facility's address? Your TRI Facility ID (TRIFID) is location specific. If you are in a new location create a new TRIFID, by clicking on the +/Access Facility button on the My Facilities tab, or use the pre-existing TRIFID associated with the facility location. If part of your address has changed (e.g., street name, ZIP code, etc.) but you are in the same location then please provide information about this change in the Section 9.1 comment field below.

Test Comment

OK Cancel

North American Industrial Classification System Code(s) (Form A/R Part I, Section 4.5)

Primary NAICS Code: 111199 - All Other Grain Farming

← Back Index **Next** →

Go To Form Mode View Form Validate

Helpful Links: [USEPA Home](#) | [TRI Program Home](#) | [Reporting Forms and Instructions \(PDF\)](#) | TRI-MEweb Version RY2012.01.6



eFDP in TRI-MEweb: Upgrade and Processing Changes

- Technical contacts will continue to receive an email when an eFDP is ready for viewing
- eFDP reports from RY 1991 to current year submissions are available in TRI-MEweb
- eFDP cannot be submitted to make corrections to certified TRI Forms submitted by TRI-MEweb to DPC
- All revisions need to be done in TRI-MEweb



Future for RY 2014 Version of TRI-MEweb

- Possible Form R changes
 - Flag feature for text entered in 8.11 and 9.1
 - Extension field for public and technical contact
 - Section 5.3 HUC/reach code field
 - Section 8.9 Add check box for Production Ratio or Activity Ratio
 - Section 8.11 Barriers to Source Reduction Codes
- Add o-nitrotoulene to RY 2014 Chemical List
- ICR comment period ends May 2, 2014



Thank You

- Juan Parra – parra.juan@epa.gov
- TRI-MEweb- CDX helpdesk (888) 890-1995
- TRI-MEweb Resource Web page:
<http://www2.epa.gov/toxics-release-inventory-tri-program/tri-meweb-resources>