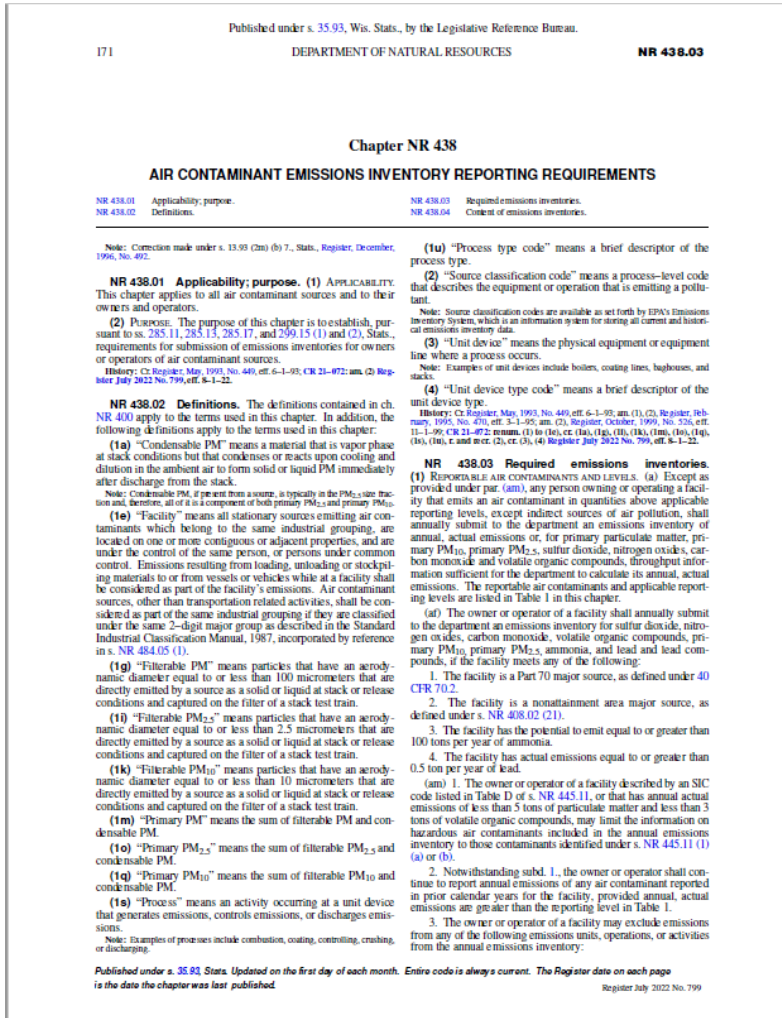


Wisconsin's Air Reporting System (ARS)

Megan Corrado, Metrics and Emissions Inventory Coordinator

September 2023

What is DNR's Annual EI Scope of Work?



- 2,503 tracked facilities:
 - 62 Type A / annual
 - 338 Type B / triennial
- Calendar year 2022:
 - 91% of 2,503 facilities submitted
 - 63 LONs sent for delinquent submittal
 - 59 LONs sent for delinquent certification
- **ALL** annual point source EI data directly transmitted by DNR to EIS
- 10 years of point source EI data online: [Historical Air Emissions Information | Wisconsin DNR](#)

El Timeline



Mid-January – March 15: Reporting

Mid-March – April: Quality Assurance

May – June: Certification, Fee Reports, Billing

July – December: System Maintenance, Outreach

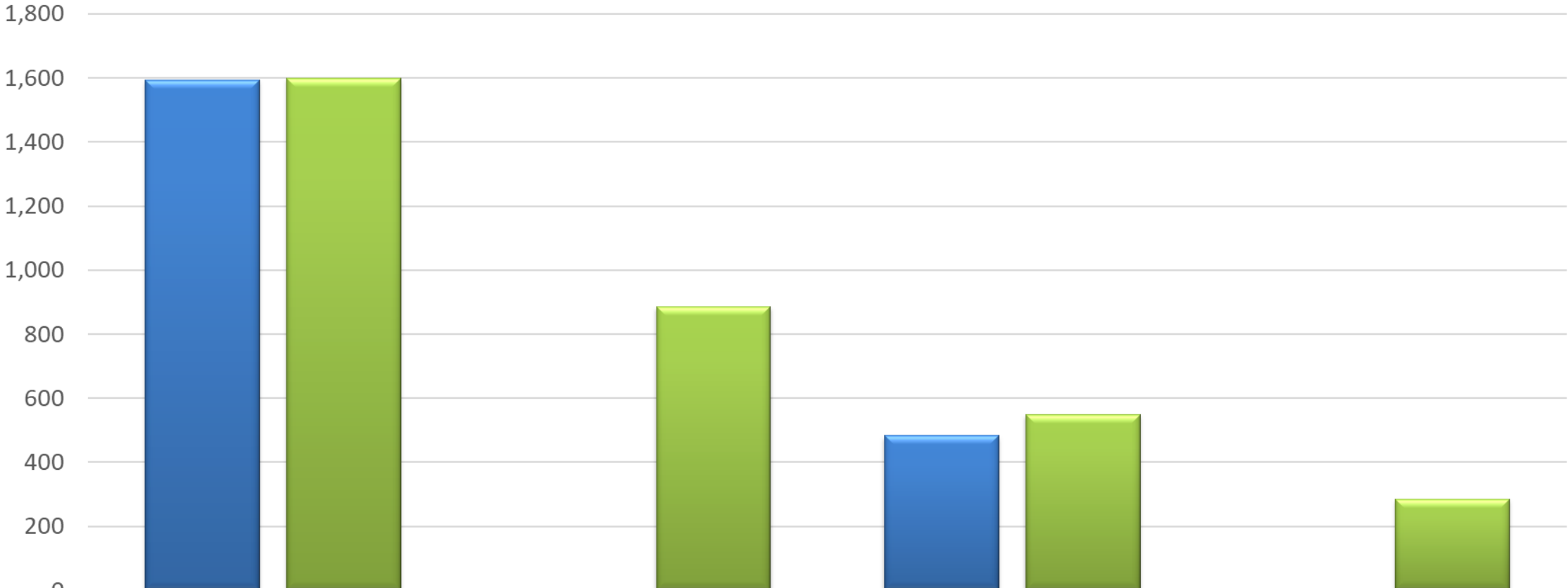
Why Improve ARS?

- [NR 438](#) was revised in 2022
- EI due date tracking issues
- EI data QA timing issues
- Billing changes consume time
- Intuitiveness
- Usability
- DNR's resources decreased



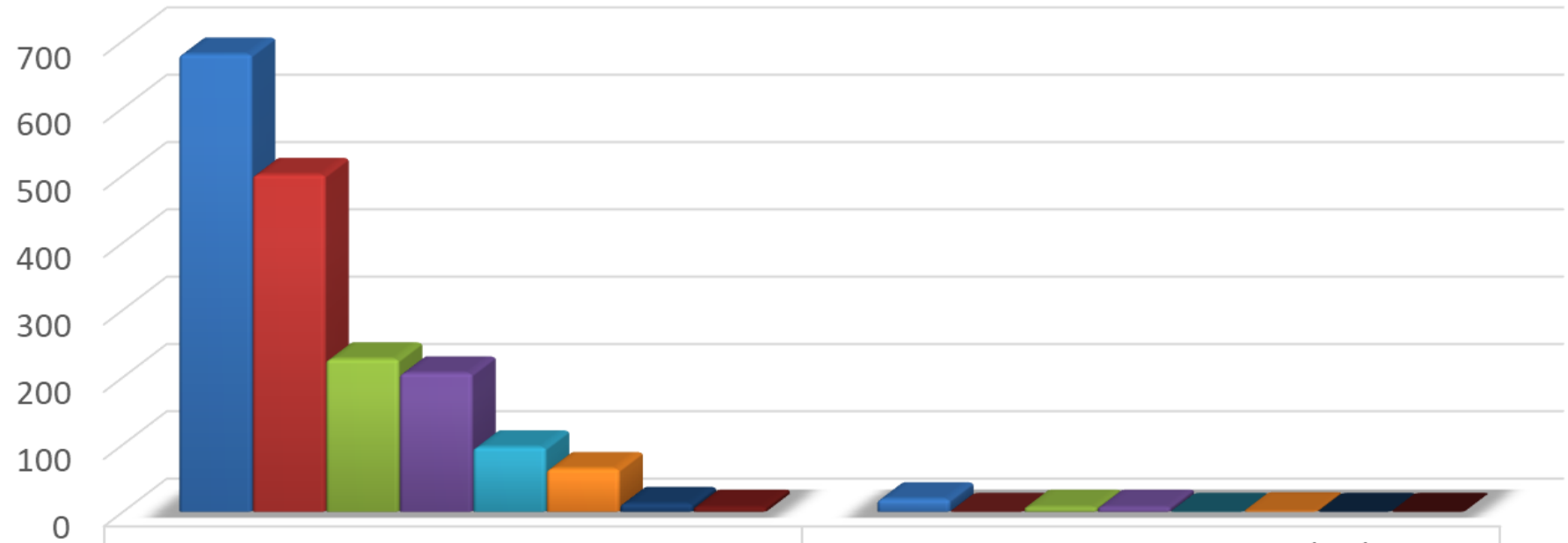


Timeliness of Emissions Inventory Before/After ARS Improvements Project



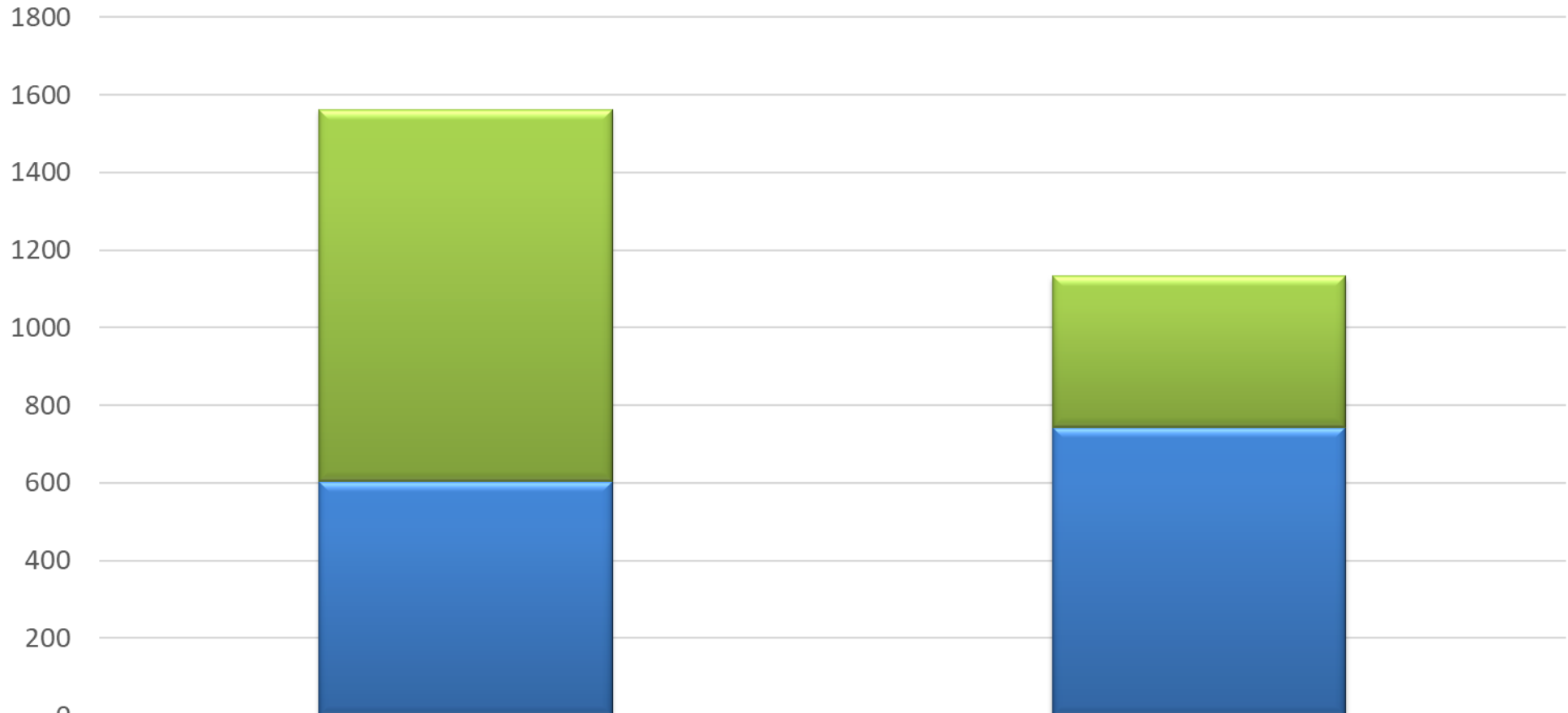
	3/15/2022	3/15/2023
EI Submitted	1,594	1,600
Submitted EI Certified	0	887
UTN Submitted	484	549
Extensions Requested/Approved	286	0

Emissions Inventory Data Quality Before/After ARS Improvements Project



	EI QA Flags: 2021 Data	EI QA Flags: 2022 Data on 3/27/23
PM25 REQD	680	19
PM25 NOT ALLOWED	501	0
PM25 GREATER THAN PM10	227	7
PM25 GREATER THAN PM	206	7
VOC COMP GREATER THAN VOC	96	0
PM10 GREATER THAN PM	64	2
ROG / HAPS COMPARE	12	0
TRS COMP GREATER THAN TRS	7	0

Approximate Annual Staff Time Required for Emissions Inventory Before/After ARS Improvements Project



	2022 Hours	2023 Actual/Projected Hours
■ After EI Season [3/16 - 12/31]	959	390
■ During EI Season [1/1 - 3/15]	603	743

Stakeholder Feedback:

- Easy submittal extension requests
- Easy EI Certification upon submittal
- Built in QA Flags are finding data issues
- ARS is intuitive
- Fee projections are stable for work planning

Future improvements:

- Contact updates in ARS
- Additional QA Flags (e.g., toxics)
- Billing associated with closures
- Automated LONs/Closeouts



CONNECT WITH US

Megan Corrado, PE, CPEA

608.405.0327

Megan.Corrado@Wisconsin.gov



/WIDNR



@WIDNR



@WI_DNR



/WIDNRTV



"WILD WISCONSIN:
OFF THE RECORD"