

WISCONSIN DEPARTMENT OF NATURAL RESOURCES

Private Water Advisory Council

DNR Fitchburg Service Center, Fitchburg, WI

October 25, 2023 | DNR.WI.GOV



Meeting Agenda

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1. Welcome and Introductions (5 min)
2. WGNHS Updates (Pete Chase) (30 min)
3. DNR Updates (90 min)
 - a. Planned updates on approvals needed for properties with residual contamination or continuing obligation (Steinke)
 - i. Well Driller Viewer updates
 - ii. Off-site contaminated properties
 - b. Warden access to notification data – more contacts, specifically evening and weekend (Steinke)
 - c. Staffing Updates (Nessman/Steinke)
 - d. Compliance and Enforcement activities (Steinke/Fetter)
 - e. Rule Revisions (Fetter/ Gundrum)
 - i. Board Order DG-07-22(E) and DG-08-22 update (Type IL Cement)
 - ii. Board Order DG-03-23 (NR 812 Subchapter III, etc.) & DG-04-23 (NR 146 – Licensing)
 1. Scope Statements
 2. Next Step – Advisory Committee
4. Licensing & Continuing Education (Gundrum)
 - a. New licenses and registrations thus far for the 2023 calendar year
 - b. 2023 data relative to historical trends (2023 data added to graphs of historical data)
5. Old Business (15 min)
 - a. Daycare wells discussion carryover from April 2023 meeting
6. New Business (30 min)
 - a. My Skilled Trades, LLC., Reedsburg, WI. Opportunity for Spring of 2024 for training in the Well Drilling industry (Crow)
 - b. Bacteria Sampling after well is drilled, but before pump installation; why? (Beiriger/All)
7. [April 2023 Meeting Notes](#)
8. Future Meeting Dates
 - a. January 2024 – WWA Convention, Wisconsin Dells
 - b. April 2024 – Location TBD



Welcome and Introductions



Private Water Advisory Council

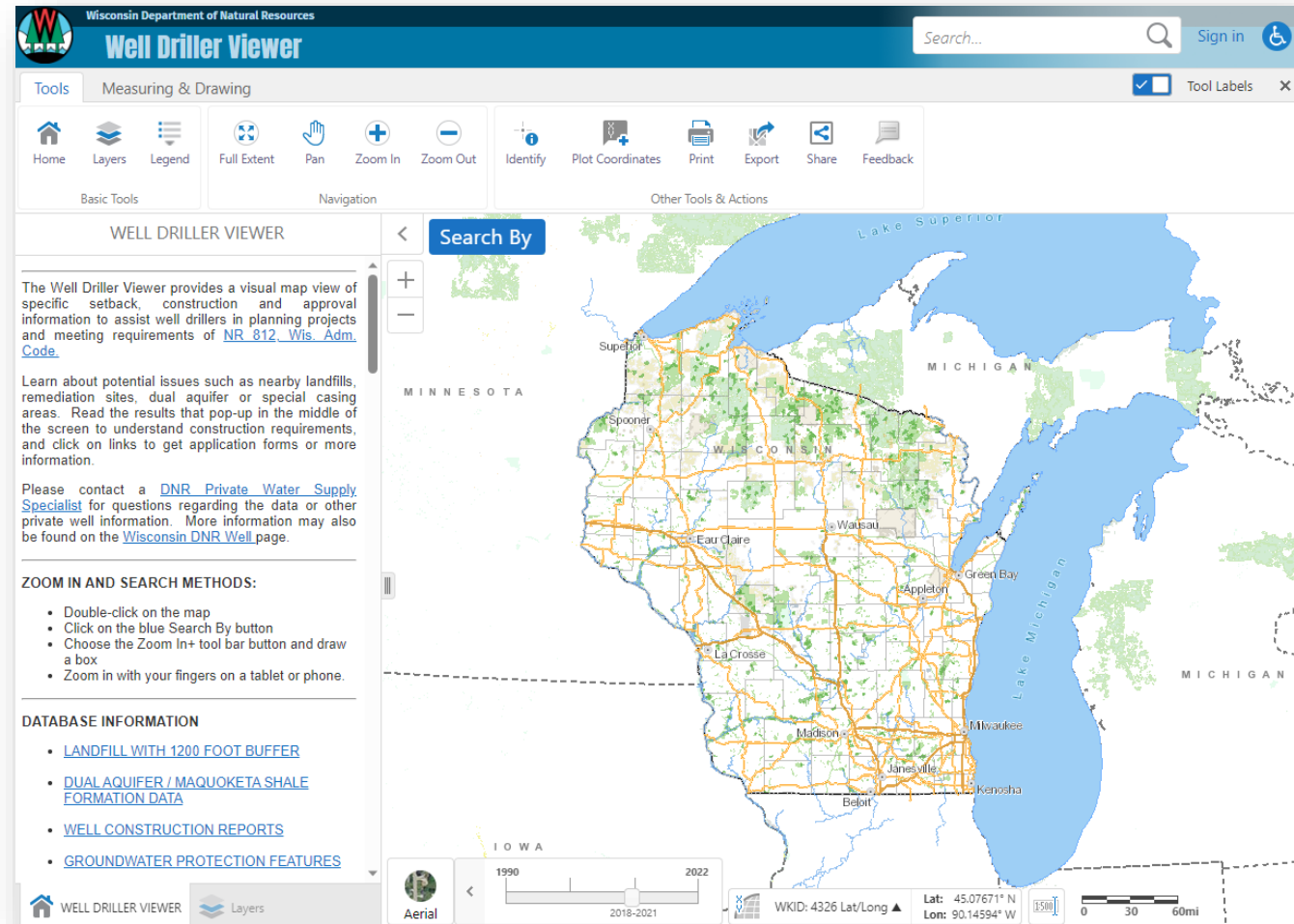
- **Wisconsin Geologic and Natural History Survey Updates**



Well Driller Viewer

“Web Mapping Modernization”

- Planned within next year
- Look/feel of the Well Driller Viewer may change
- Plan to maintain all current functionality
- Hoping to add additional functions and views
 - Only show post-88 WCRs?
 - Filters for bedrock wells?
 - Filter for only your company wells?
 - Drilled within last 5 years?

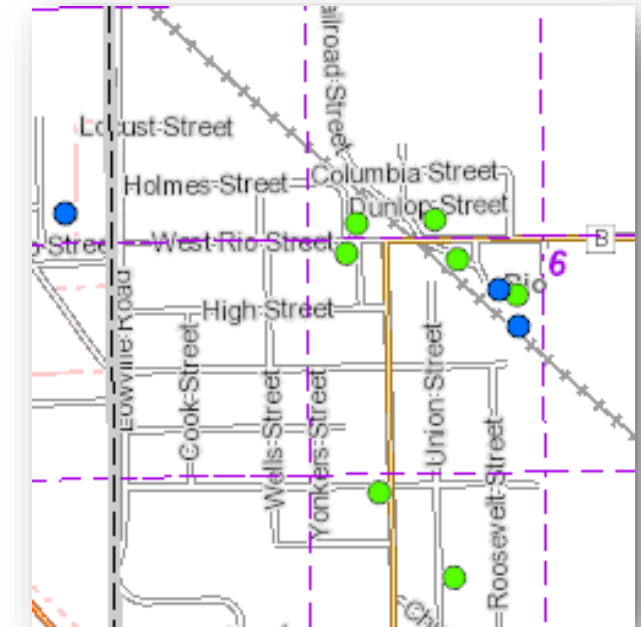
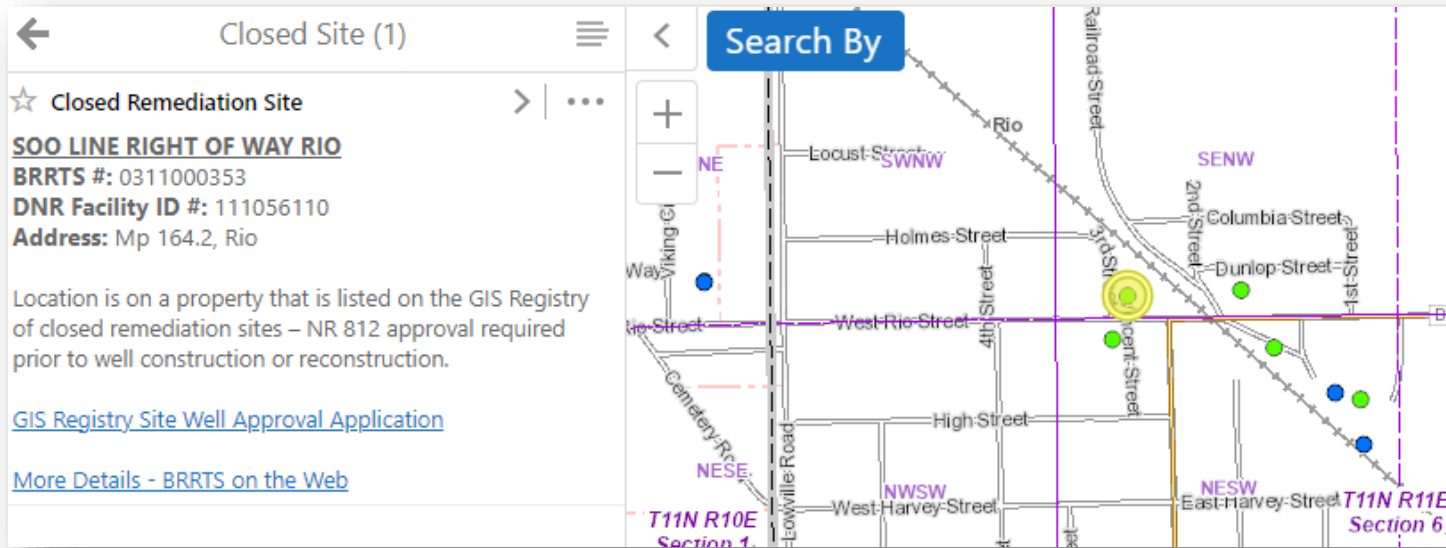
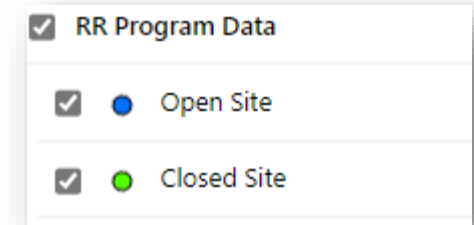


RR Sites Updates

BACKGROUND

- Using “GIS Registry Site” form
- Only required drillers to submit form to DNR if there was a closed or open site on WDV on the same property of proposed well construction
- Current language when either open or closed sites are selected:
 - “Location is on a property that is listed on the GIS Registry of closed remediation sites – NR 812 approval required prior to well construction or reconstruction.”

PAST WELL DRILLER VIEWER



RR Sites Updates

WHAT ABOUT PROPERTIES WITH OFF-SITE CONTAMINATION?

Attorney Molly McNab provided a legal opinion:

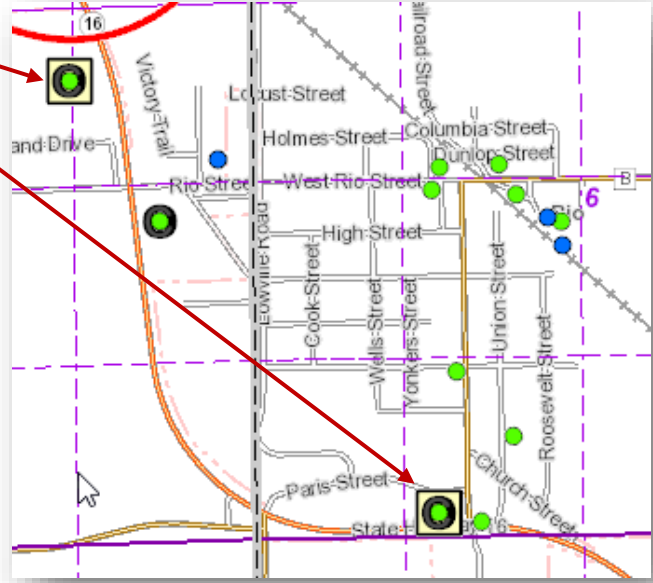
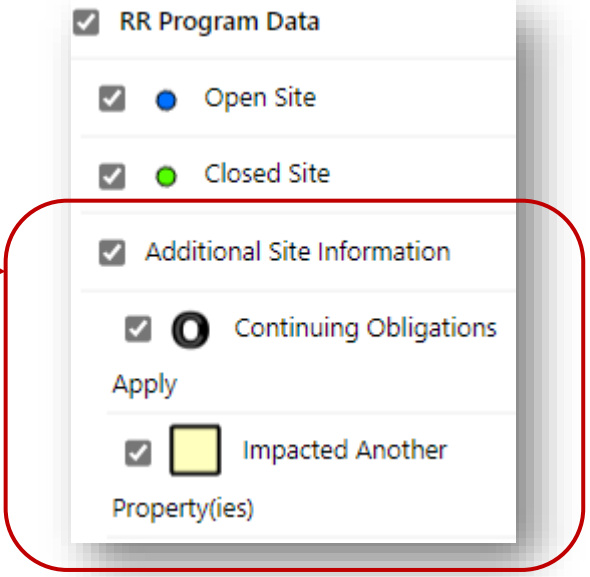
- *“Department approval is required for well drilling on a property that was identified by the Department as having residual contamination or continuing obligation. Department approval is required both for a source property (the responsible party’s property) or an off-site property (neighboring property that has contamination caused by the source property).”*
- *“When the Department identifies a property with residual contamination or continuing obligations either through the RR Sites Map or the Well Driller Viewer, the driller must consult the Department before drilling.”*
- Wis. Admin. Code §§ NR 812.09(4)(w) and NR 812.10(6).

RR Sites Updates

CURRENT WELL DRILLER VIEWER

WHAT DOES THIS CHANGE?

- New icons in Well Driller Viewer
- “GIS Registry” Form 3300-254 is being renamed and updated
 - “Well Construction Approval Application – Sites with Groundwater Contamination and/or Continuing Obligations”
- Drafting a Fact Sheet for well drillers
- Reach out to DG staff if “Impacted Another Property(ies)” indicated – they may need to check RR Sites Map
- Drillers will be required to contact regional Private Water Supply Specialist if contamination is identified on either the Well Driller Viewer or the RR Sites Map
 - We are looking at ways to simplify this process



THERE ARE SEVERAL POSSIBLE SITUATIONS

- Open Sites: continuing obligations (Y/N), impacted properties (Y/N)
- Closed Sites: continuing obligations (Y/N), impacted properties (Y/N)
- Impacted Off-Site Property

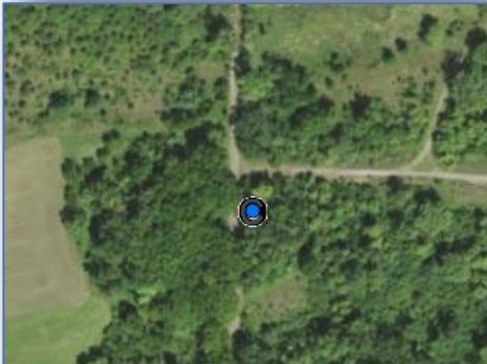
RR Sites Updates – Possible Situations

OPEN SITES: Contamination identified, ongoing investigation



Open Site

NO Continuing Obligations
NO Off-Site Impacted Properties
*Driller to contact PR Specialist
prior to submitting form for
this property*



Open Site

YES Continuing Obligations
NO Off-Site Impacted Properties
*Driller to contact PR Specialist
prior to submitting form for
this property*



Open Site

YES Continuing Obligations
YES Off-Site Impacted Properties
*Driller to contact PR Specialist
prior to submitting form for
this or nearby properties*

CLOSED SITES: Hazardous substance discharge cleanup occurred



Closed Site

NO Continuing Obligations
NO Off-Site Impacted Properties
No form/approval needed



Closed Site

YES Continuing Obligations
NO Off-Site Impacted Properties
*Driller to submit form prior to
constructing well at this property*



Closed Site

YES Continuing Obligations
YES Off-Site Impacted Properties
*Driller to submit form prior to
constructing well at or near property*

RR Sites Updates – Possible Situations

IMPACTED OFF-SITE PROPERTY: Hazardous substance discharge originating from another property has impacted this property. Due to remaining contamination, continuing obligations apply.



Impacted Off-Site Property

Drillers and the public cannot currently see these locations

The screenshot displays the Well Driller Viewer interface. On the left, a list of filters is shown with checkboxes and expandable arrows:

- Open Site
- Closed Site
- ***Sediment-Impacted Site***
- ***Sediment-Impacted Site
- Boundary***
- Additional Site Information
- ***Impacted Off-Site (13)
- Property***
- Continuing Obligations Apply
- Impacted Another Property(ies) or
- Right-of-Way

The main map area shows an aerial view of a residential neighborhood. A red line indicates the Right-of-Way (ROW) for a road. A green dot with a tan square around it is labeled "HUNTERS CORNER STORE". Other property labels include "STEPHEN J DOERR 13604850000", "RUSSELL M JR WANKE 13604850005", "RUSSELL M JR WANKE 13604840000", "WYETT W 1380470005", "WYETT W 1360470000", and "RANDY S H JOR 1360480000". The map also shows "East Adams Road", "State Highway 95", and "South Sechlerville Road".

HOW DO YOU KNOW IF YOU ARE PLANNING TO DRILL ON AN OFF-SITE IMPACTED PROPERTY?

- Will need to look for the tan square around a blue or green dot
- If one of those is located near your planned well – contact your local Private Water Specialist
- Future updates may allow public viewing of Impacted Off-Site Properties on Well Driller Viewer

RR Sites Updates

CHANGES TO WDV LANGUAGE

- Will be updated to reflect our authority to require approval. Future map may have additional features.

Open Site (1)

☆ Open Remediation Site

RIO FIRE DEPT
BRRTS #: 0211467017
DNR Facility ID #:
Address: 301 W Rio St, Rio

Contamination has been identified on this property and there is an ongoing investigation. Contamination may be present beyond the property boundaries. You must contact your regional [Private Water Supply Specialist](#) if you plan to construct or reconstruct a well at or near this location prior to submitting form [3300-254](#).

Continuing Obligations: N - (Y = Present)
If present, continuing obligations apply to one or more properties associated with this site. Contact your [Private Water Supply Specialist](#) if you plan to construct or reconstruct a well at or near this location prior to submitting form [3300-254](#).

Impacted Properties: N - (Y = Present)
If present, nearby properties have been impacted. Contact your [Private Water Supply Specialist](#) if you plan to construct or reconstruct a well at or near this location prior to submitting form [3300-254](#).

Site details can be found on [BRRTS on the Web](#).

For more information, please read [Continuing Obligations for Environmental Protection \(RR-819\)](#).

Closed Site (1)

☆ Closed Remediation Site

RIO AERO CLUB
BRRTS #: 0311000502
DNR Facility ID #:
Address: W5202 Larson Rd, Rio

A hazardous substance discharge cleanup occurred at this site.

Continuing Obligations: Y - (Y = Present)
If present, continuing obligations apply to one or more properties associated with this site. You must submit form [3300-254](#) to your [Private Water Supply Specialist](#) prior to constructing or reconstructing a well at or near this property.

Impacted Properties: Y - (Y = Present)
If present, nearby properties have been impacted. You must submit form [3300-254](#) to your [Private Water Supply Specialist](#) prior to constructing or reconstructing a well at or near this property.

Site details can be found on [BRRTS on the Web](#).

For more information, please read [Continuing Obligations for Environmental Protection \(RR-819\)](#).

RR Sites Updates

CORRECT TERMINOLOGY

- No longer “GIS Registry” form/approval
- Should refer to as Groundwater Contamination and/or Continuing Obligations form/approval
 - *Residual contamination = continuing obligations*

NEXT STEPS

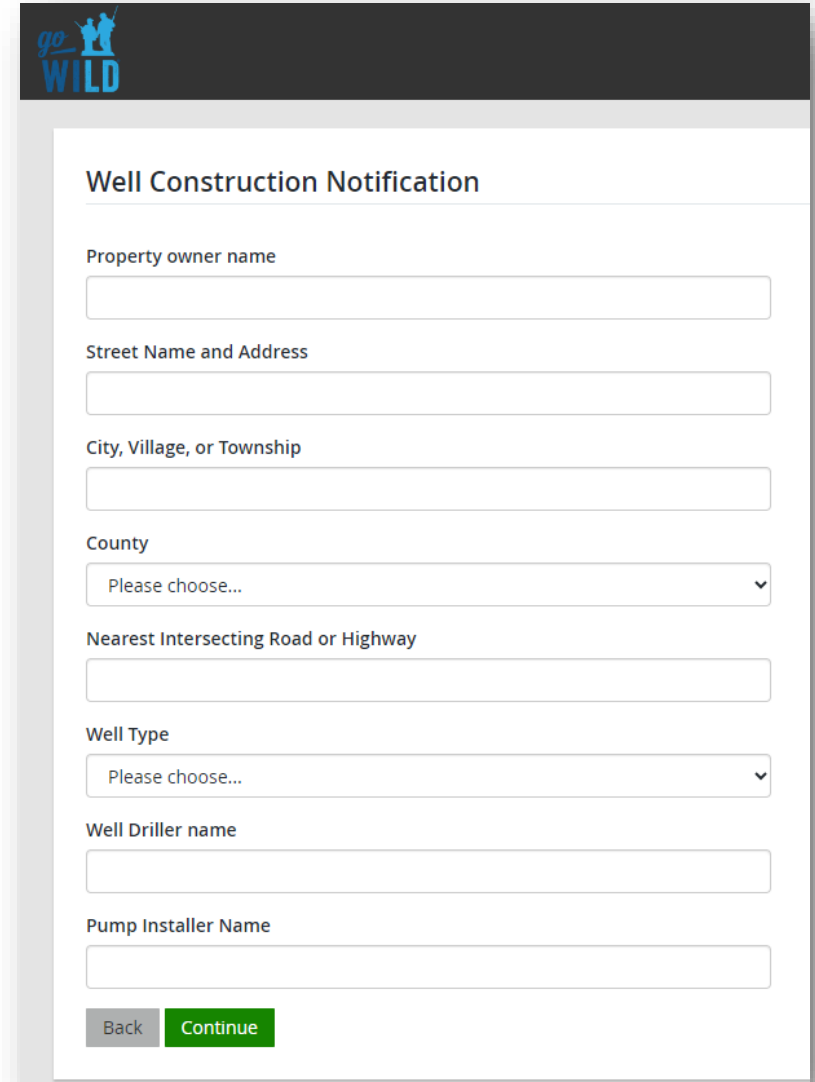
- Update Well Driller Viewer language
- Finalize form updates and fact sheet
- Update rest of DG Program staff – this winter
- Update drillers and pump installers – GovDelivery & Continuing Education this winter

TRANSITION PERIOD

- We will not be sending NON’s for drillers who miss off-site impacted properties for several months
 - Will send notice letters and continue education/outreach

Warden Access to Well Notifications

- If a notification WAS found in GoWild, Warden will:
 - E-mail the notification number, date and time of observation, address or GPS coordinates of the drilling rig location to the local Private Drinking Water Specialist for follow-up
 - No Warden contact with the well driller is necessary, especially during standard working hours
 - If Warden contact is made, will explain they are simply gathering data for the Private Drinking Water Specialist
- If a notification WAS NOT found in GoWild, Warden will:
 - Be aware that notification could have been purchased many months ago or with poor location information
 - Document W, W, W, W, W, H and send it to the local Private Drinking Water Specialist for follow up via e-mail
 - If Warden contact is made, will explain they are gathering data for the Private Drinking Water Specialist to follow-up



The screenshot shows a web form titled "Well Construction Notification" with the "go WILD" logo in the top left corner. The form contains several input fields and dropdown menus:

- Property owner name:
- Street Name and Address:
- City, Village, or Township:
- County:
- Nearest Intersecting Road or Highway:
- Well Type:
- Well Driller name:
- Pump Installer Name:

At the bottom of the form, there are two buttons: "Back" (grey) and "Continue" (green).

DNR Updates



05/11/2010 13:09

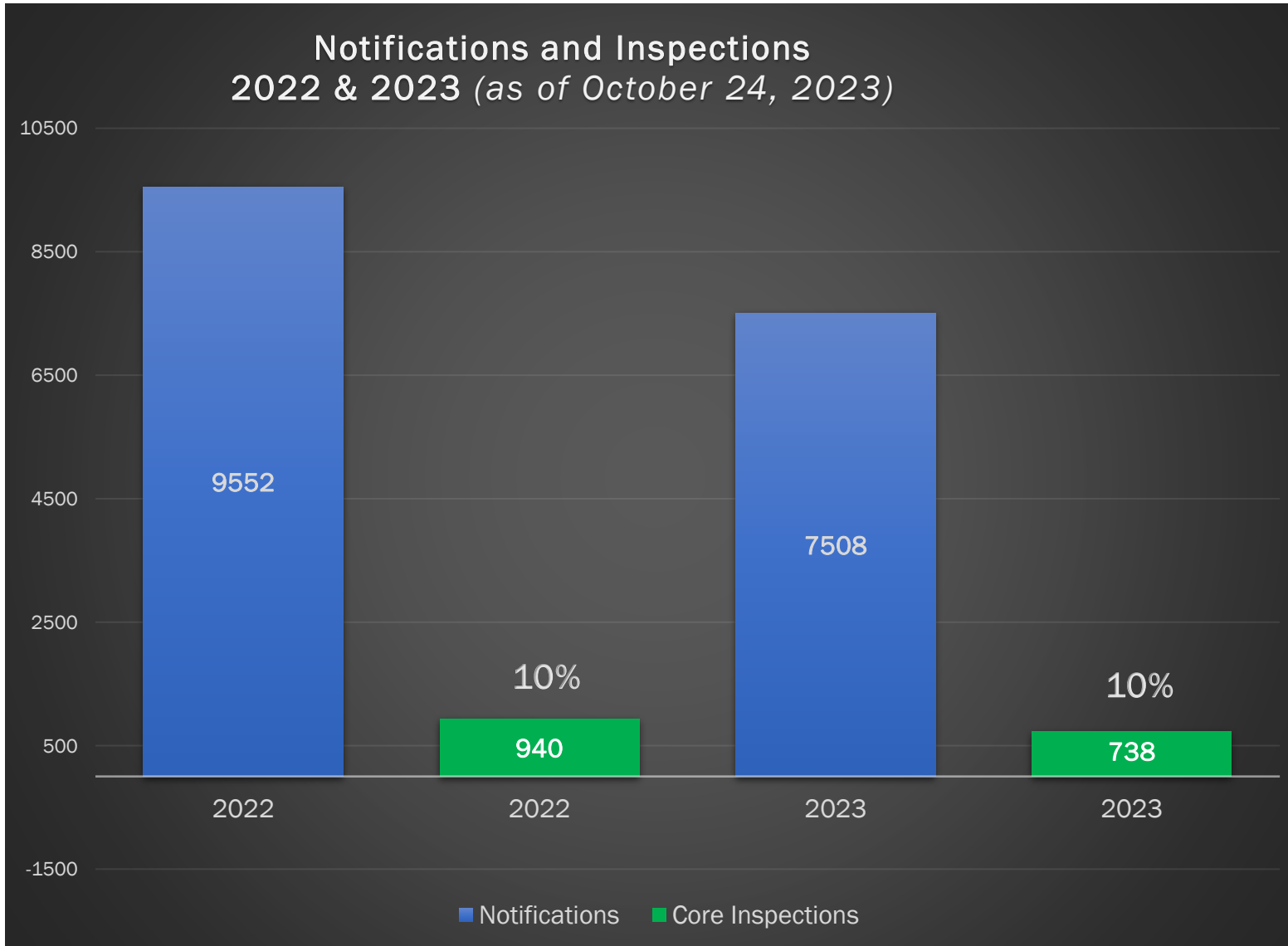
Staffing Updates

- With help of two LTEs (Kelsie Fuhrman and Sophia Ziehr) we're caught up on WCR and WAR reviews
- Kelsie Fuhrman now works for RR
- Sophia Ziehr is now working half time
- Sara Fry will help Aaron Kent with landfill variance workload

Compliance Inspection Data



Compliance Inspection Data



2022

January - December

2023

January - October 24, 2023

Notifications

Purchased state well permits

Core Inspections

Wells during construction
(*notifications*)

Pump installation
(*quarterly notices*)

Well filling and sealing

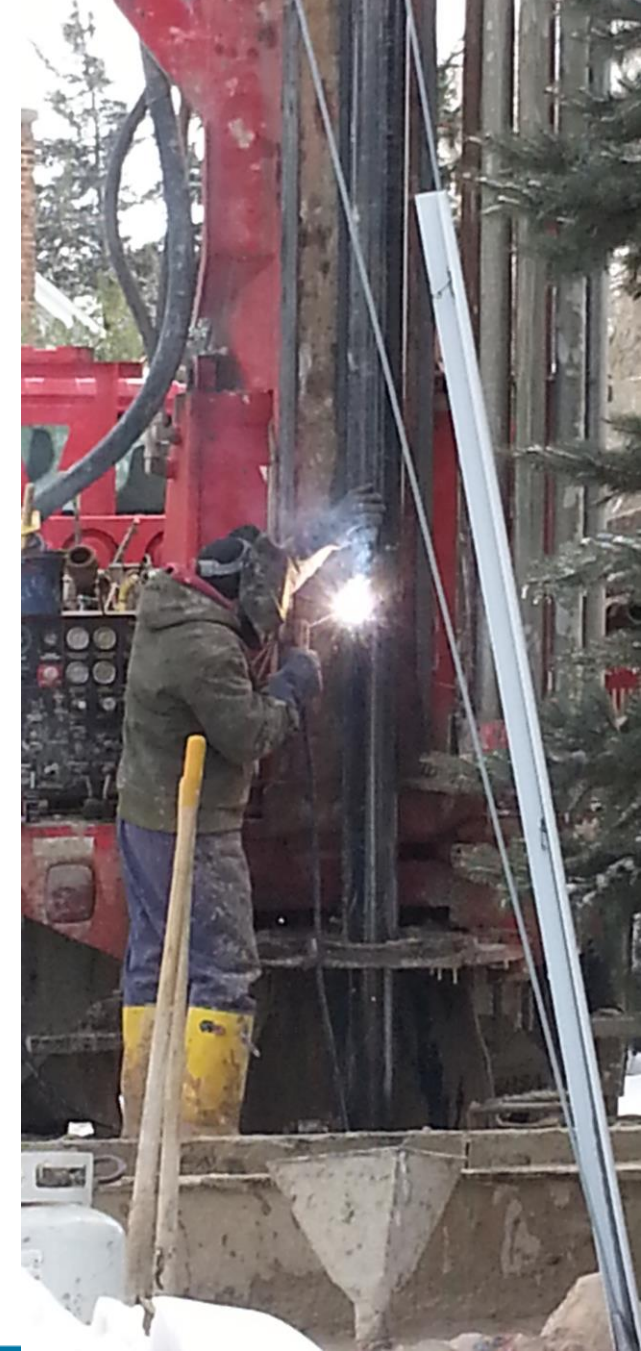
Private Water Variances

2022 Variances Issued = 325

- Landfill Variances: 169
- Other Variances (setbacks, construction, etc.): 156

2023 Variances Issued = 249

- Landfill Variances: 153
- Other Variances (setbacks, construction, etc.): 96



ARPA Well Compensation Grants*

- 389 WC Grant Applications
- 147 Well Abandonment Grant Apps
- 253 WC Awards issued
- 124 Well Aban. Grants issued
- \$4,450,000+ awarded
- \$1,540,000+ paid

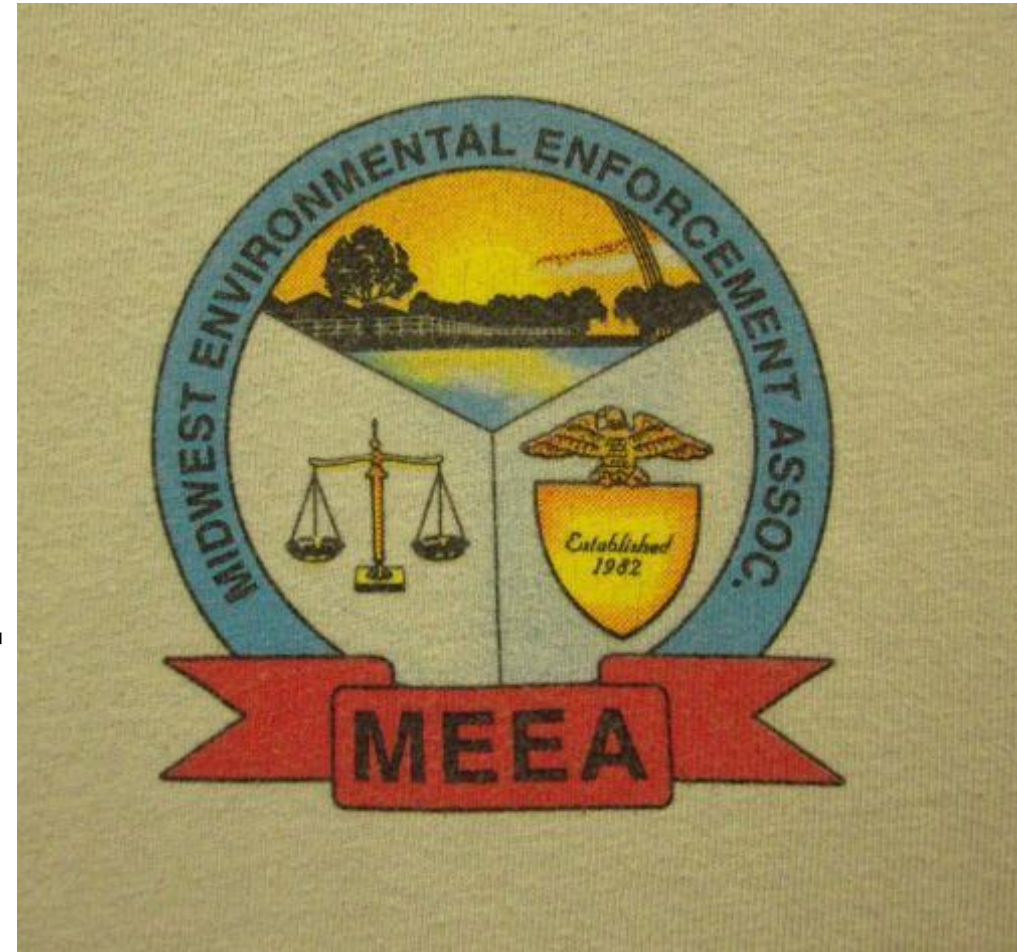
*As of 10/12/2023



Compliance & Enforcement

2023 Primary Enforcement:

- **Total NONs issued in 2023: 8**
- **NONs since April 19, 2023: 5**
- **Violations:**
 - **Unused Well Not Filled and Sealed**
 - **Owner Installed Point Reporting, Etc.**
 - **Unlicensed PTWI**
 - **Casing extension**
 - **Drain air gap**



Compliance & Enforcement

- **Secondary enforcement:**

- NOVs issued in 2023: 7

- Unlicensed Work (2), Hi-Cap Constr. w/ no approval, unlicensed PTWI, reporting (2) & grouting, sampling (closed)

- Citations issued, 2023: 10

- Active cases: 6

- Pending Cases: 5

- Reporting: 5

- Closed Cases: 2 (Sampling – 2 Citations, 1 dismissed)

- Referrals to DOJ:

- 1 current DOJ referral (2017)

STILL awaiting legislative closure

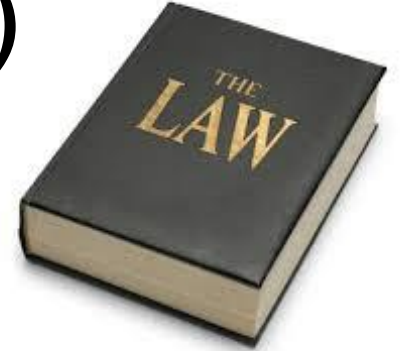


NR 812 Rule Revisions

- Board Order DG-07-22(E) & DG-08-22
 - Type IL Cement Added to NR 812
 - Emergency Rule Expired: 10/8/23
 - Permanent Rule Becomes Effective: 11/1/23



NR 146 Scope Statement (DG-04-23)



Policy changes under consideration:

1. Streamline driller license regulatory requirements.
2. Allow for waivers and extensions to annual continuing education attendance requirement.
3. Mandatory online renewal with provision to “opt-out” when a need for continued use of renewal by mail is justified.
4. Assign and document responsibility in drilling and pump installing contractual agreements.
5. Provide pump installer license classifications that align authorized activity with competency of the credential holder.

NR 812 Scope Statement (DG-03-23)

- Scope Statement approved by the Natural Resources Board 9/27/23
- Scope Statement for NR 812
 - Scope will be contained primarily to Subchapter III only (Pump Installation)
 - Objectives:
 - Correct grammatical, spelling and punctuation errors
 - Address redundancies, omissions and clarify to improve understanding and readability
 - Pump Installer Requirements
 - Non-Electric Pump and System Installations
 - Water Storage Vessels
 - Water Treatment
 - Hand Pumps
 - Vermin-Proof Well Caps and Seals
 - Yard Hydrants
 - Advisory committee to begin work ASAP
- Est. for Rule Effective Date: 5/1/2026



**Private Water
Advisory
Council
Wisconsin
DNR Updates**

**LICENSING
&
CONTINUING
EDUCATION**

NEW CREDENTIALS ISSUED IN 2023

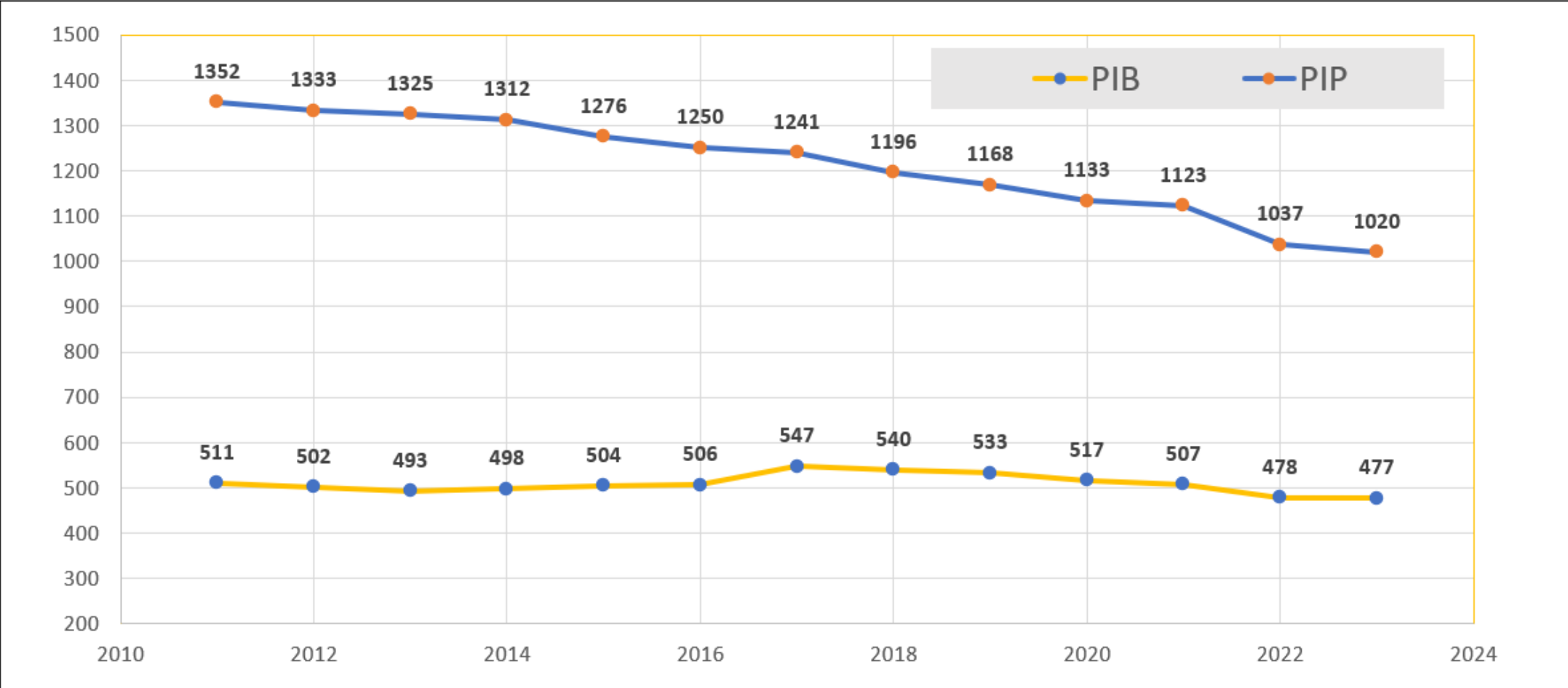
Credential:	Issued in 2023	Reinstatements
Pump Installer License (PIP)	27	4
Pump Installer Business Registration (PIB)	25	4
Water Well Driller License (WDP)	5	1
Water Well Driller Business Registration (WDB)	5	1
Water Well Drilling Rig Operator Registration (WDRO)	21	4
Heat Exchange Driller License (HEDI)	0	N/A
Heat Exchange Driller Business (HEDB)	0	N/A
Heat Exchange Drilling Rig Operator Registration (HEDRO)	4	1

AS OF 10/23/2023

CREDENTIALS HELD AS OF 10/23/2023

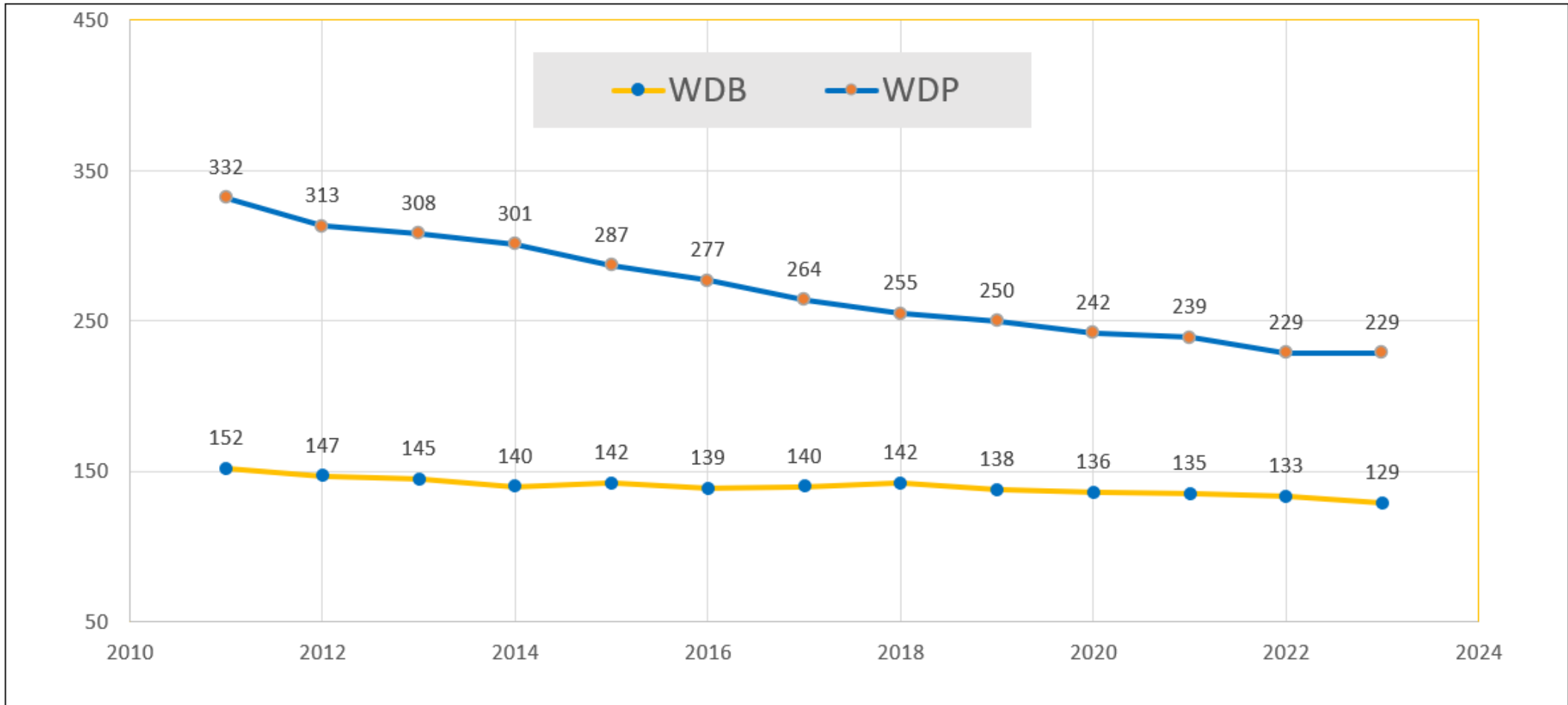
	HEDB	HEDI	HEDRO	PIB	PIP	WDB	WDRO	WDP
2011				511	1352	152	141	332
2012				502	1333	147	128	313
2013				493	1325	145	135	308
2014				498	1312	140	140	301
2015	17	37	20	504	1276	142	135	287
2016	25	38	40	506	1250	139	136	277
2017	24	36	36	547	1241	140	145	264
2018	22	32	33	540	1196	142	151	255
2019	22	29	28	533	1168	138	146	250
2020	22	26	39	517	1133	136	140	242
2021	22	28	30	507	1123	135	133	239
2022	21	26	28	478	1037	133	142	229
2023	22	25	30	477	1020	129	153	229

PUMP INSTALLER (PIB/PIP)



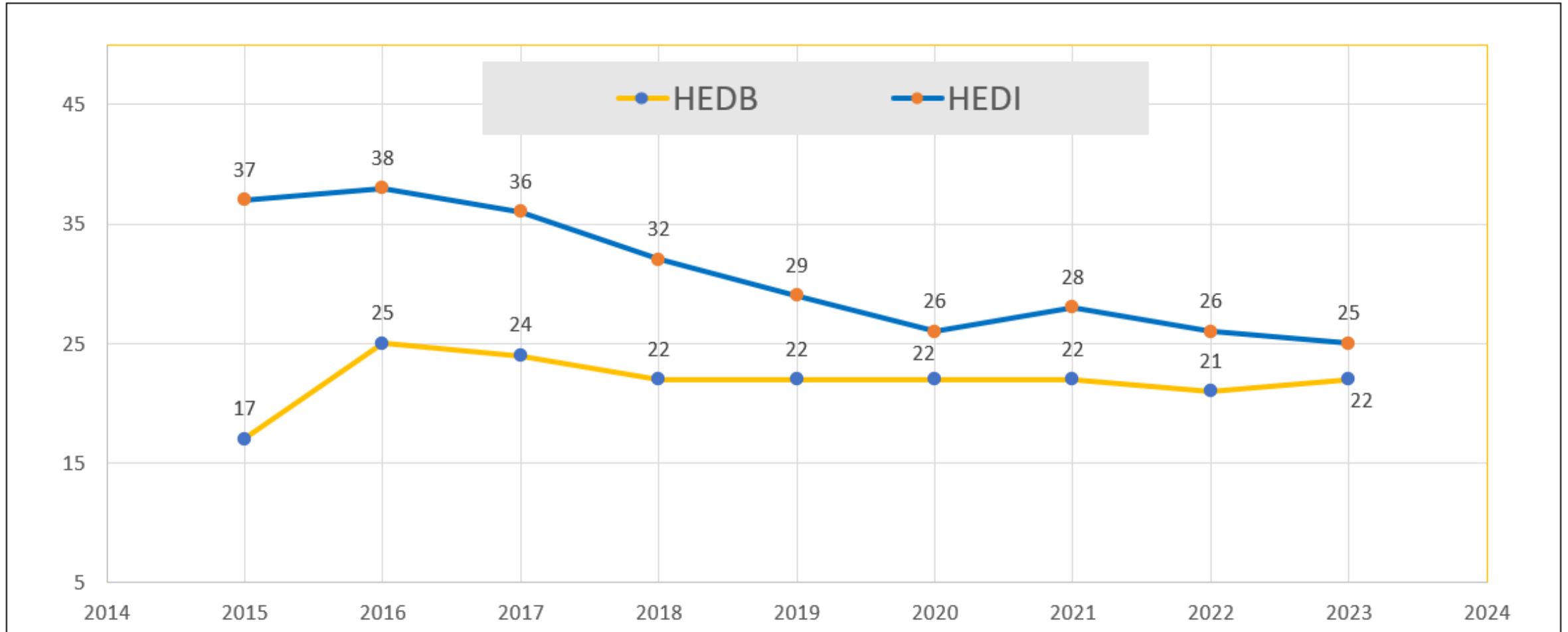
AS OF 10/23/2023

WELL DRILLER LICENSES (WDB/WDP)



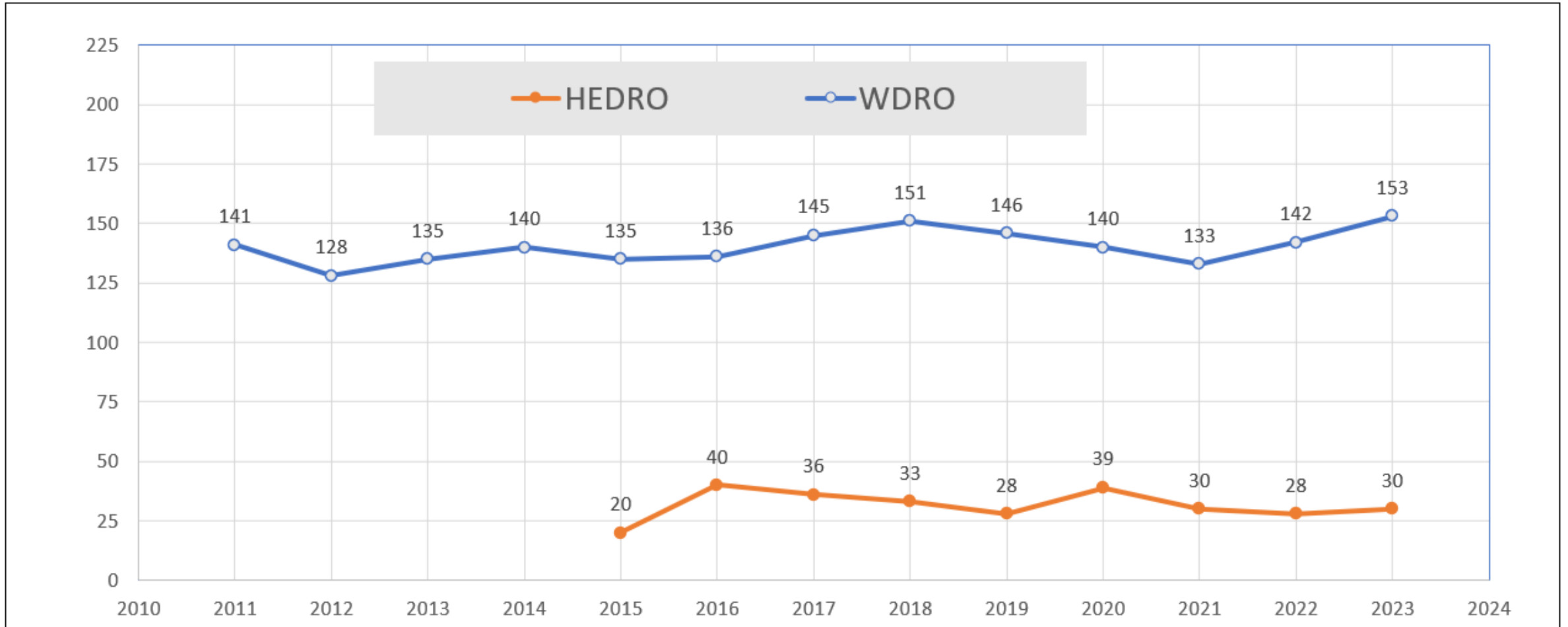
AS OF 10/23/2023

HEAT EXCHANGE DRILLERS (HEDB/HEDI)



AS OF 10/23/2023

RIG OPERATORS (HEDRO/WDRO)



AS OF 10/23/2023

PROPOSED 2024 DNR PROCTORED EXAM DATES

MONTH	LOCATIONS		
March	Green Bay	Madison	La Crosse
April	Hayward	Plover	
June	Eau Claire	Milwaukee	
July	Rhineland	Madison	
August	Ashland	Plover	
September	Milwaukee	Eau Claire	
October	Rhineland	Green Bay	
December	Madison	Eau Claire	

CONTINUING EDUCATION UPDATE – NEW FOR 2024

- ANNUAL CONTINUING EDUCATION PROVIDER MAILING – NOVEMBER 1ST
- PROVIDER APPLICATION FORM 3300-322 REVISED – NEW ONLINE LINK
- NEW INSTRUCTIONS FOR FORM 3300-322 AVAILABLE
- APPROVED CONTINUING ED MOVING TO OPCERT TRAINING CALENDAR
- CURRENT ONLINE/ON-DEMAND TRAINING CALENDAR WILL CONTINUE
- CONTINUING EDUCATION STATUS PORTAL REPLACED WITH REPORTS

Private Water Advisory Council

- **Old Business (15 min)**
 - **Daycare wells discussion carryover from April 2023 meeting**
- **New Business (30 min)**
 - **My Skilled Trades, LLC., Reedsburg, WI. Opportunity for Spring of 2024 for training in the Well Drilling industry (Crow)**
 - **Bacteria Sampling after well is drilled, but before pump installation; why? (Beiriger/All)**
- **[January 2023 Meeting Notes](#)**
- **Future Meeting Dates**
 - **January 2024 – WWA Convention, Wisconsin Dells**
 - **April 2024 – Location TBD**



STAY SAFE!



CONNECT WITH US



/WIDNR



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"WILD WISCONSIN:
OFF THE RECORD"