

WISCONSIN DEPARTMENT OF NATURAL RESOURCES

Private Water Advisory Council

Ebony Room, Kalahari Resort, Wisconsin Dells, WI

January 17, 2024 | DNR.WI.GOV



Meeting Agenda

1. **Welcome and Introductions (5 min)**
2. **PWAC Board Membership (15 min)**
 - a. **Thank you to outgoing members**
 - b. **Review member terms**
 - c. **New members**
3. **WGNHS Updates (Pete Chase) (30 min)**
4. **My Skilled Trades, LLC., Reedsburg, WI. Opportunity for Spring of 2024 for training in the Well Drilling industry (Kouba) (30 min)**
5. **DNR Updates (90 min)**
 - a. **Darcy Heat Exchange Wells (Nessman)**
 - b. **Staffing Updates (Nessman/Steinke)**
 - c. **Compliance and Enforcement activities (Steinke/Fry/Fetter)**
 - d. **Rule Revisions (Fetter/ Gundrum)**
 - i. **Board Order DG-03-23 (NR 812 Subchapter III, etc.) & DG-04-23 (NR 146 – Licensing)**
 1. **Next Step – Advisory Committee**
6. **Licensing & Continuing Education (Gundrum)**
7. **New Business (15 min)**
8. **Old Business (30 min)**
 - a. **Late Samples Discussion (see 10/25/23 meeting notes)**
 - b. **Daycare wells discussion carryover from April 2023 meeting (if time)**
9. **[October 2023 Meeting Notes](#)**
10. **Future Meeting Dates (15 min)**
 - a. **April 2024 – Location TBD**
 - b. **October 2024 – Location TBD**



Welcome and Introductions





Thank You to Outgoing PWAC Members!

Troy Van De Yacht

THANK YOU

PWAC Board Membership

Advisory Council on Well Drilling and Pump Installing Membership and Terms – as of April 2022						
Appointing Organization Name	1 st Term Expires	2 nd Term Expires	3 rd Term Expires	4 th Term Expires	5 th Term Expires	6 th Term Expires
WWWA - Well Drillers						
Tim Jenks	1/31/26					
Troy Van de Yacht	1/31/21	1/31/24	-----			
Terry Farago	1/31/22	1/31/25				
DNR - Well Drillers						
Kevin Olson	1/31/26					
Tim Butterfield	1/31/24	1/31/27				
WWWA - Pump Installers						
Dennis Crow	1/31/25					
Terry Marshall	1/31/25					
DNR - Pump Installers						
Steve Tessmer	1/31/22	1/31/25				
Bob Aune	1/31/26					
Wisconsin Geothermal Association						
Bruce Walker	12/31/17	1/31/21	1/31/24	1/31/27		
Wisconsin Geologic and Natural History Survey						
Pete Chase	<i>No limit</i>					
Wisconsin Pump and Well Suppliers						
Scott O'Brien	12/31/17	1/31/21	1/31/24	1/31/27		
Brian Broga	1/31/27					

Private Water Advisory Council

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





My Skilled Trades

REEDSBURG, WI



WHO ARE WE?



Skilled Trade School is located in Reedsburg WI.
Our school offers 5 different trade school courses
that allows you to learn a skilled trade in weeks, rather than
years.



OUR MISSION



BRING AWARENESS TO THE TRADE



DEVELOP A POSITIVE ATTITUDE



PROVIDE THE KEYS TO SUCCESS



COURSES OFFERED

1 DRILLER ACADEMY

2 WELDER ACADEMY

3 SEPTIC ACADEMY

4 WATER ACADEMY

5 ASPHALT ACADEMY



DRILLER ACADEMY

- Industry Need
- 2 Year Program
- 4 Days in the Field of Work, 1 Day in Classroom Setting
- CDL Training Program Available
- Taught by Industry Professionals
- Career Development Training
- Assistance With Job Placement



TRADE SCHOOL BENEFITS

- Lower Tuition Cost
- Faster Graduation Timeline
- Fewer Admission Requirements
- Small Class Sizes
- Real-World Experience
- Job Assistance
- Preparation for In-Demand Careers



THE WORKFORCE NEED

Skilled trades employers posted over 200,000 job openings in April 2023.

For every 3 baby boomers that retire, only 1 millennial or Gen X skilled worker comes in to take their place.



CONTACT US



608-768-8508



www.myskilledtrades.com



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325 S Park Street
Reedsburg, WI 53959



THANK YOU

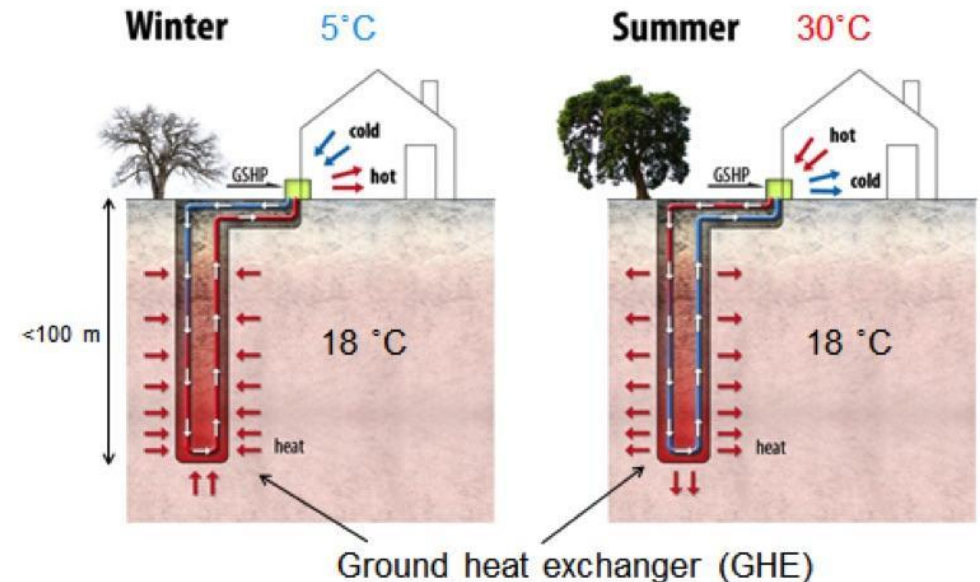


www.myskilledtrades.com



New Heat Exchange Technology

- Exchanger submerged in well
- Water is circulated past heat exchanger
- Closed loop moves fluid from building to exchanger
- Requires variance to HEX requirements



This Photo by Unknown Author is licensed under CC BY-ND

Policy on Systems

- Regulated as a HE drillhole
- Variance will be required
- Conditions:
 - Must be placed within an NR 812 compliant well drilled by a licensed well driller
 - Must use an approved pitless adaptor installed by a licensed pump installer
 - May only pump water within a single aquifer
 - May only use water as HE fluid
 - Drop pipe must meet NR 812 requirements

Staffing Update

- Frank Fetter Retirement Feb. 2



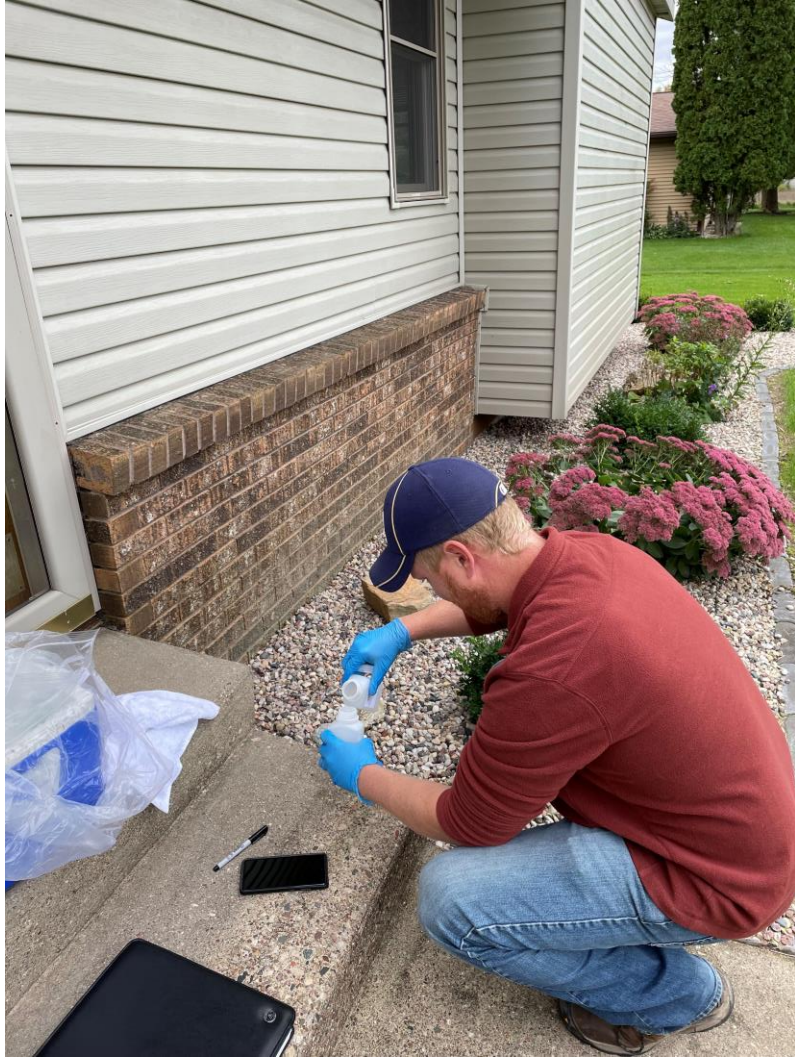
Mailings to Owners



- Replaced Wells
 - 320 letters sent mid-November
 - Next mailing: March/April 2024
- Well Labels
 - 13,054 letters sent mid-October
 - Last sent Summer 2022
 - Next mailing: April/May 2024
 - Switched to paper labels from the old stickers

Moving to mailings in Spring and Fall each year.

Compliance Inspection Data



Annual Report Letters – Well Drillers

2021 & 2022 Letters went out in 2023.

Future letters will be sent in February/March for the prior calendar year.



Two letter model will continue.

“Needs Improvement” letter for those bordering on a concerning level of late/missing work (33-64%)

Notice of Noncompliance letter for those exceeding 65% late/missing work

Field staff input prior to sending letters to avoid issuing letters when not appropriate.

First Year of E-reporting WCRs

Total WCRs completed in 2023 (as of 1/16/2024): 8901

Total WCRs completed in 2022: 9539

Total WARs completed in 2023 (as of 1/16/2024): 3305

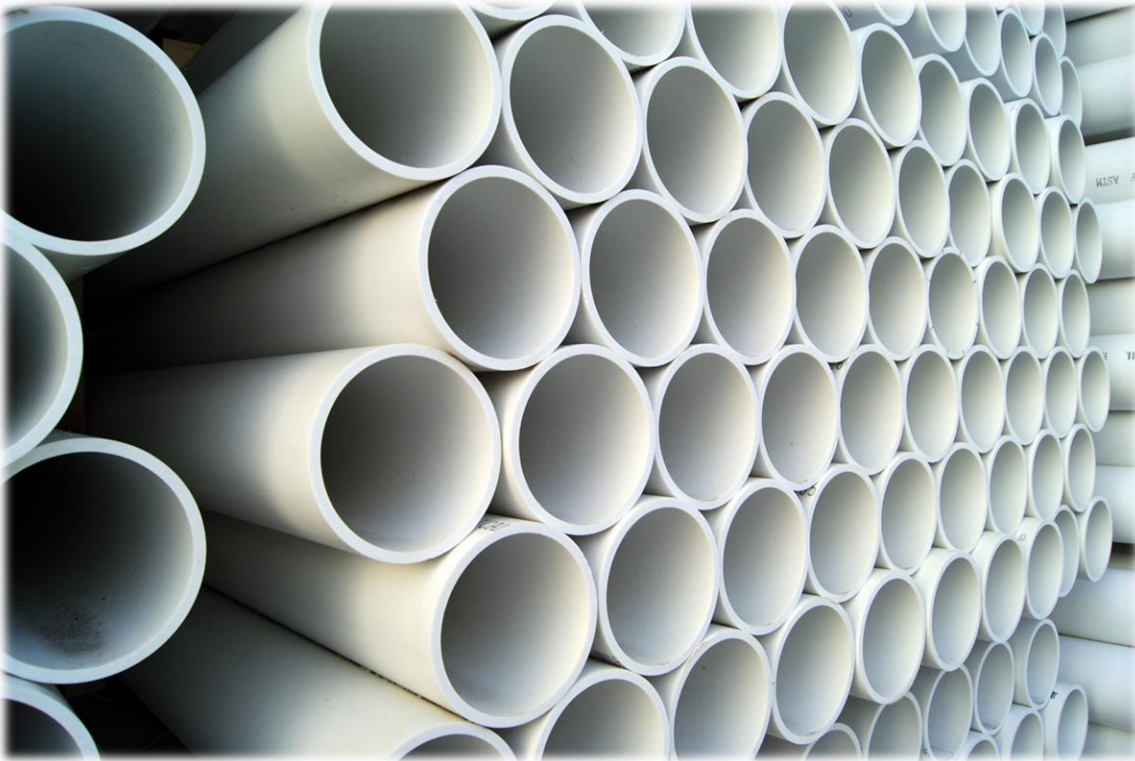
Total WARs completed in 2022: 3495

10 licensees stopped reporting in 2023

5 of those only submitted 1 WCR in 2022.



PVC Casing in Bedrock



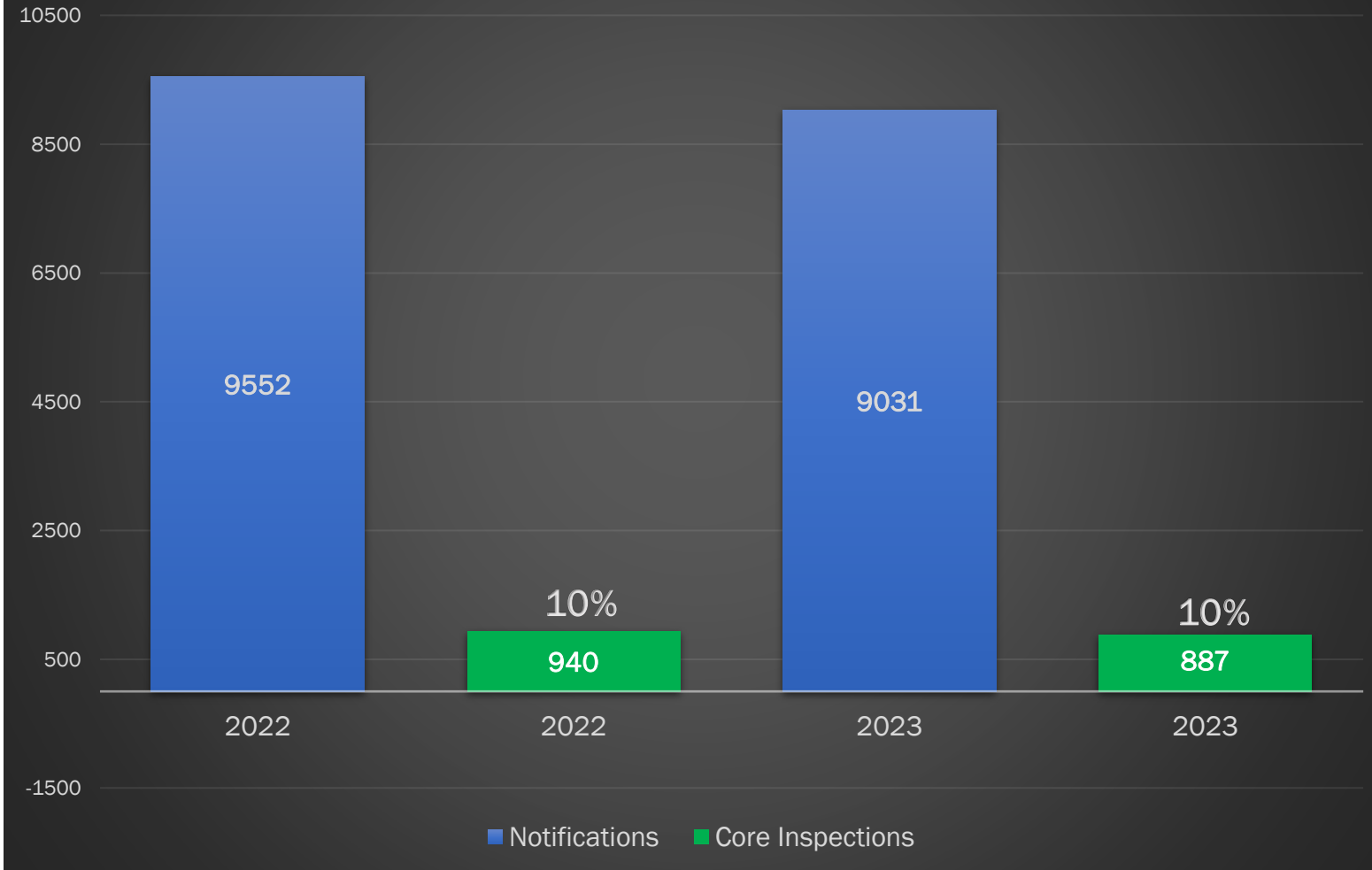
21 wells constructed in 2023

20 wells by same constructor
SE portion of State

Not being utilized statewide

Compliance Inspection Data

Notifications and Inspections
2022 & 2023



2022

January - December

2023

January - December

Notifications

Purchased state well permits

Core Inspections

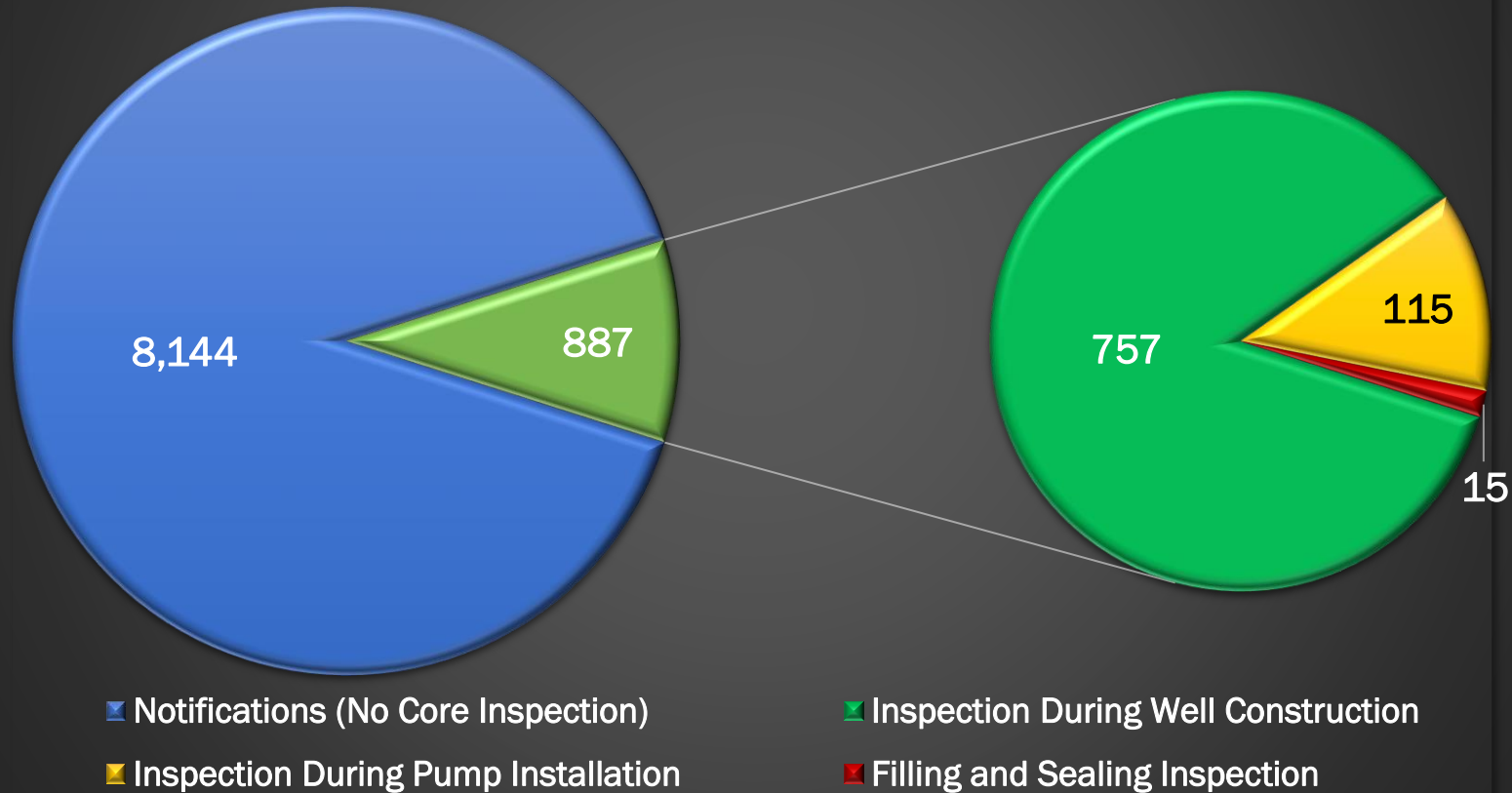
Wells during construction
(*notifications*)

Pump installation
(*quarterly notices*)

Well filling and sealing

Compliance Inspection Data

2023 Annual Data



2023

January – December

Notifications (9031 total)

Purchased state well permits

Core Inspections (887 total)

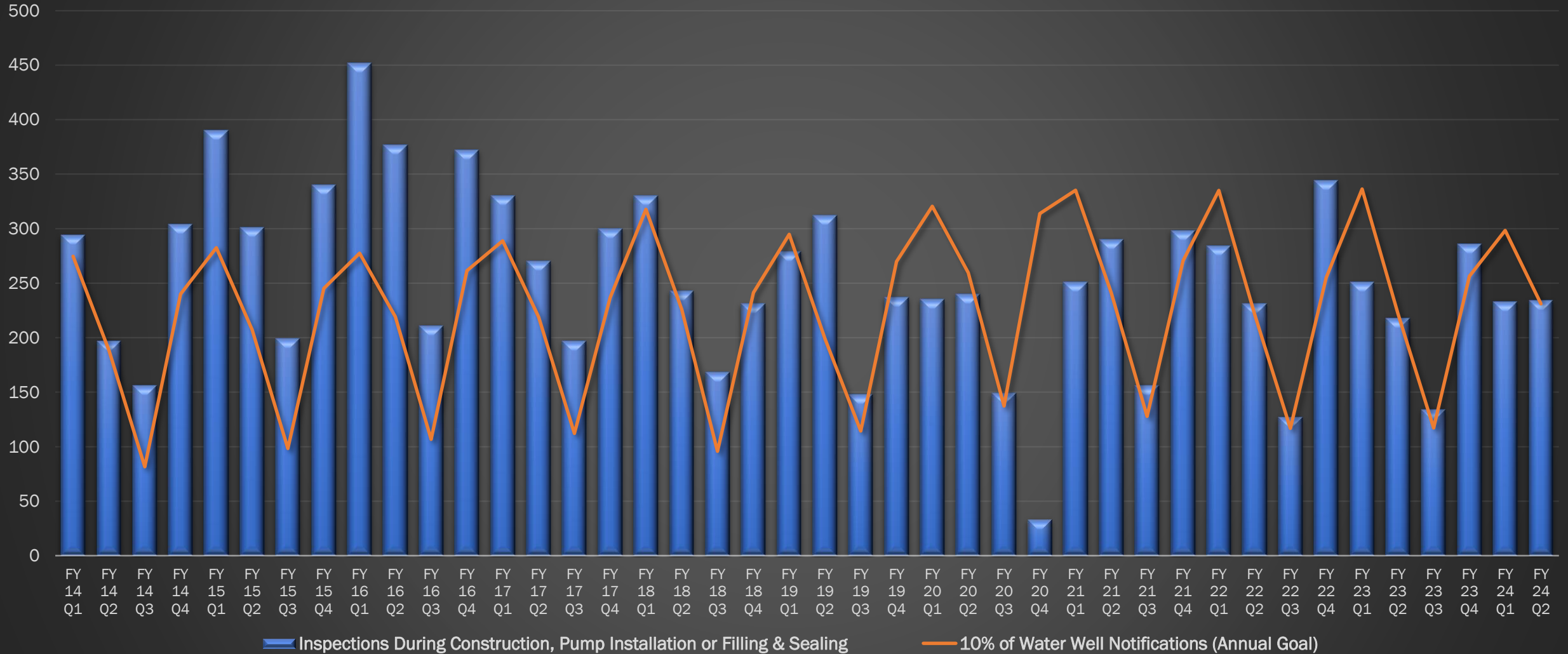
Wells inspected during construction
757

Inspected during pump installation
115

Inspected during filling and sealing
15

Compliance Inspection Data

Private Well Inspections by Quarter



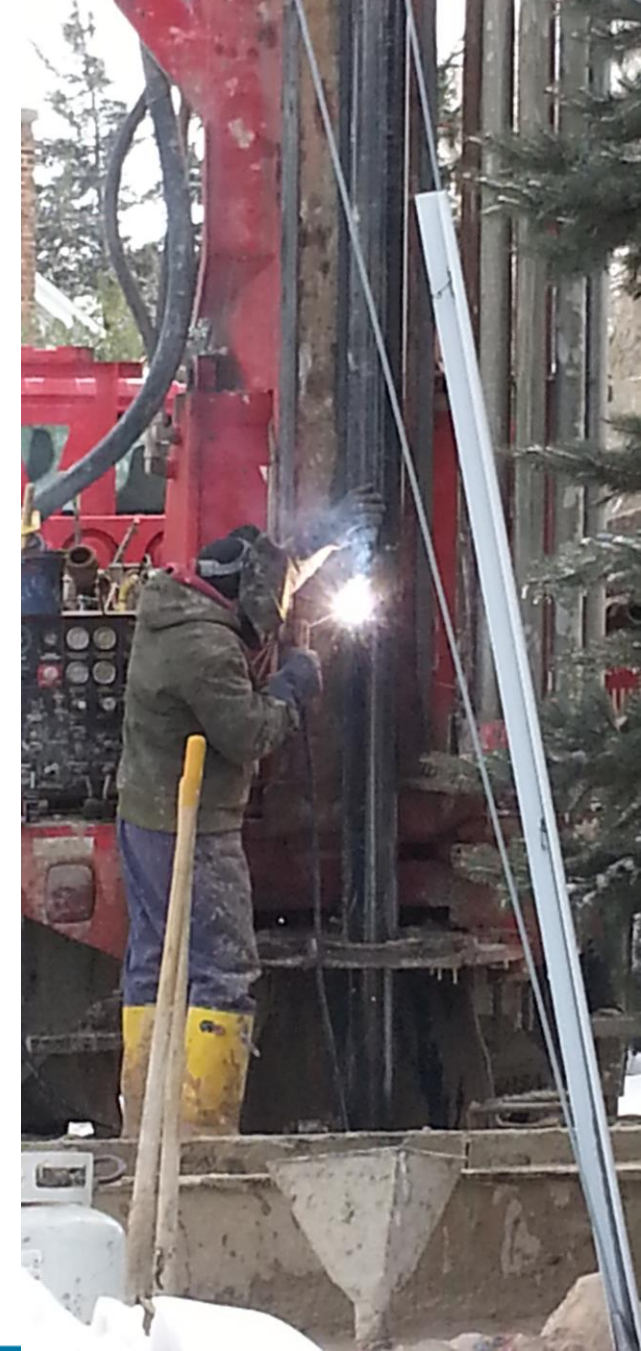
Private Water Variances

2022 Variances Issued = 325

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

2023 Variances Issued = 323

- Landfill Variances: 190
- Other Variances (setbacks, construction, etc.): 133



2023 Enforcement

Primary Enforcement:

- Notice of Noncompliance (NON)
- Total NONs = 64 (+8% from 2022)
 - Field Staff = 10 (-55% from 2022)
 - Fry/Reporting = 54 (+245% from 2022)

Secondary Enforcement:

- Notice of Violation (NOV – Env. Enforcement)
- Total NOVs = 12 (+400% from 2022)
 - Had reporting issues = 11 (92%)
 - Unlicensed individual = 3 (25%)



2023 Enforcement

Citation Summary:

16 Total Citations

- January-March
 - 7 citations issued
- April-June
 - 2 citations issued
- July-September
 - 7 citations issued
- October-December
 - None



Citation Background:

- 6 enforcement cases
- 5 individuals/businesses
- \$867.50 per citation
- Failure to submit true and accurate report – 4
- Failure to collect required water samples – 2
- Failure to obtain license – 8
- All but 2 paid or pled no-contest



NR 146/812 Rule Revision

- DG-03-23 & DG-04-23
- Advisory Committee first meeting 12/19/23 in Stevens Point
 - 2nd meeting TBD
 - FF will develop some lists of committee member suggestions and DNR-compiled suggestions for next meeting
 - [Webpage](#) live – Gundrum sent out link to Advisory committee members on 1/12/24

<https://dnr.wisconsin.gov/topic/Wells/RuleRevisionAdvisoryCommittee.html>

**Private Water
Advisory
Council
Wisconsin
DNR Updates**

**LICENSING
&
CONTINUING
EDUCATION**

LICENSING UPDATES: NEW 2023 CREDENTIALS

Credential:	Issued in 2023	Reinstatements
Pump Installer License (PIP)	42	4
Pump Installer Business Registration (PIB)	25	4
Water Well Driller License (WDP)	4	0
Water Well Driller Business Registration (WDB)	5	1
Water Well Drilling Rig Operator Registration (WDRO)	20	10
Heat Exchange Driller License (HEDI)	1	0
Heat Exchange Driller Business (HEDB)	0	0
Heat Exchange Drilling Rig Operator Registration (HEDRO)	4	9

LICENSING UPDATES – LICENSE EXPIRATIONS

<u>2023 CE Expirations</u>		<u>2022 Total Expirations</u>	
PIP	50	PIP	28
WDP	5	WDP	1
WDRO	23	WDRO	4
HEDI	0	HEDI	0
HEDRO	12	HEDRO	2

CONTINUING EDUCATION UPDATES

- Interactive In-Person Training Calendar
 - [Home Page \(wi.gov\)](#)
- Approved 2024 Online Training
 - [Continuing education for drillers and pump installers | `DNR](#)
- Continuing Education Status Portal
 - [Driller/Pump Installer Continuing Education Status \(wi.gov\)](#)
- DSPS Continuing Education – Dwelling Contractor Courses
 - [DSPS Trades Continuing Education \(wi.gov\)](#)

Private Water Advisory Council

1. Old Business

- a. Late Samples Discussion (see 10/25/23 meeting notes)
- b. Daycare wells discussion carryover from April 2023 meeting (if time)

2. New Business (if Time)

[3. October 2023 Meeting Notes](#)

4. Future Meeting Dates

- a. April 2024 – Location TBD
- b. October 2024 – Location TBD



STAY SAFE!



CONNECT WITH US



/WIDNR



@WIDNR



@WI_DNR



/WIDNRTV



"WILD WISCONSIN:
OFF THE RECORD"