

Water Use Program Annual Stakeholder Meeting

Water Use & Allocation Program
Water Supply Engineering Section
July 23, 2020



Today's Agenda

Purpose of today's meeting:

- Accomplishments in SFY 2020
- Anticipated work in SFY 2021
- Basis of the proposed SFY 2021 annual water use program fee
- Proposed rule changes
- Question & Answer

SFY 2020 Program Accomplishments

- Applications for new permits, modified permits, renewals, and registrations:
 - Number of applications received: 572
 - Number of applications closed out: 567
 - In permit cycle, this was a high year
 - Average project close-out time (in days):
 - Registrations (Goal: 5 days for average)
 - ▶ 3 in SFY17; 2 in SFY18; 3 in SFY19; 7 in SFY20
 - Renewals (Goal: 15 days for average)
 - ▶ 11 in SFY17; 10 in SFY18; 9 in SFY19; 2 in SFY20
 - New & Modified Permits (Goal: 60 days for average)
 - ▶ 49 in SFY17; 27 in SFY18; 28 in SFY19; 72* in SFY20
- *Three outliers were omitted

SFY 2020 Program Accomplishments

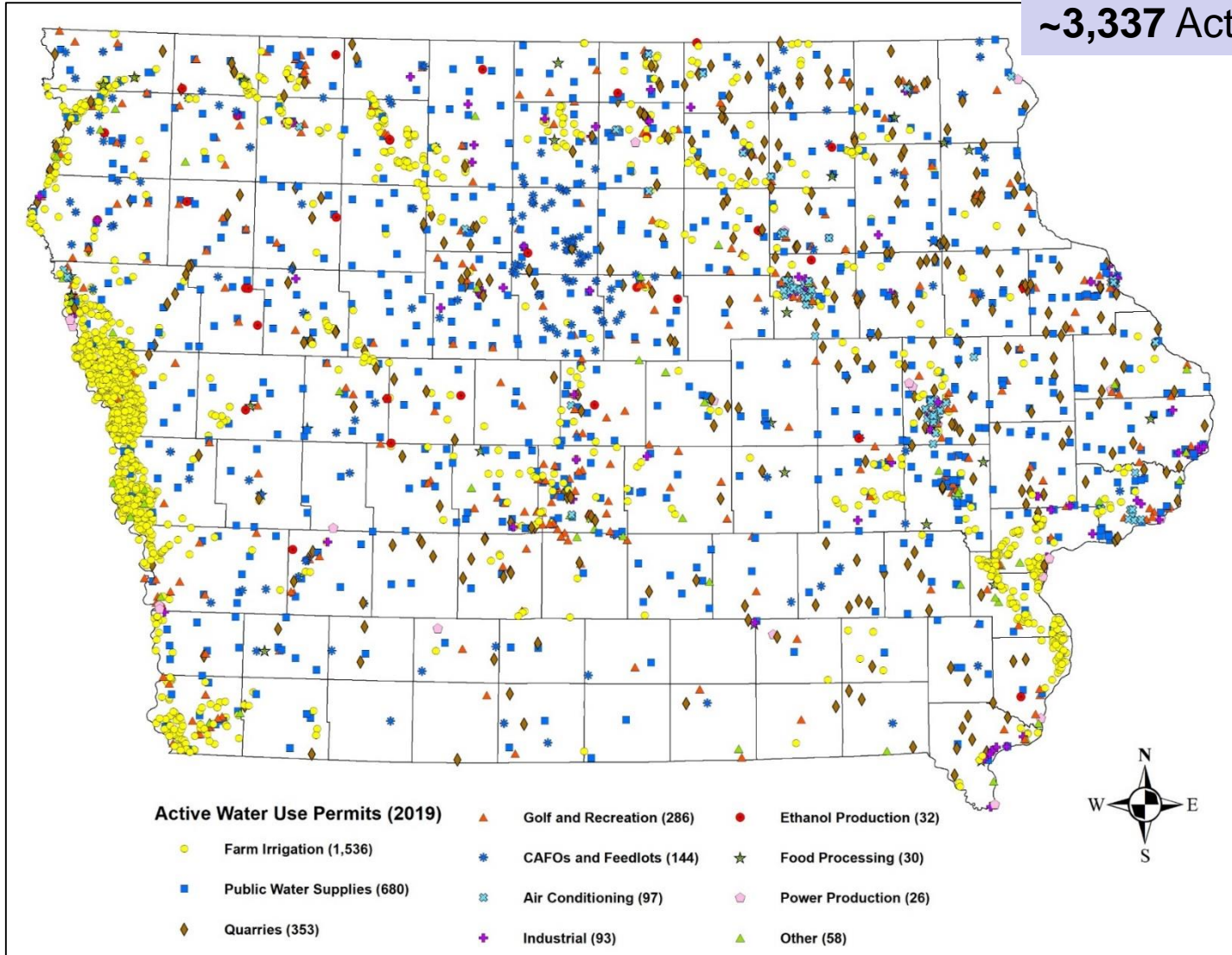
- Completed stakeholder meeting to set annual fee on 7/24/2019; EPC approval on 8/20/19
- Sent fee bills & second reminder notices, tracking about 3,300 payments received
- Issued refunds for overpayment
- Sent renewal reminder notices; entered WU report data into database
- Facelift of database to make more user friendly
 - Continuing into 2021
- Streamlined general permit conditions
- Adopted SF409 legislation into Chapter 50; final rule published 6/17/2020 and effective 7/22/2020

SFY 2020 Program Accomplishments

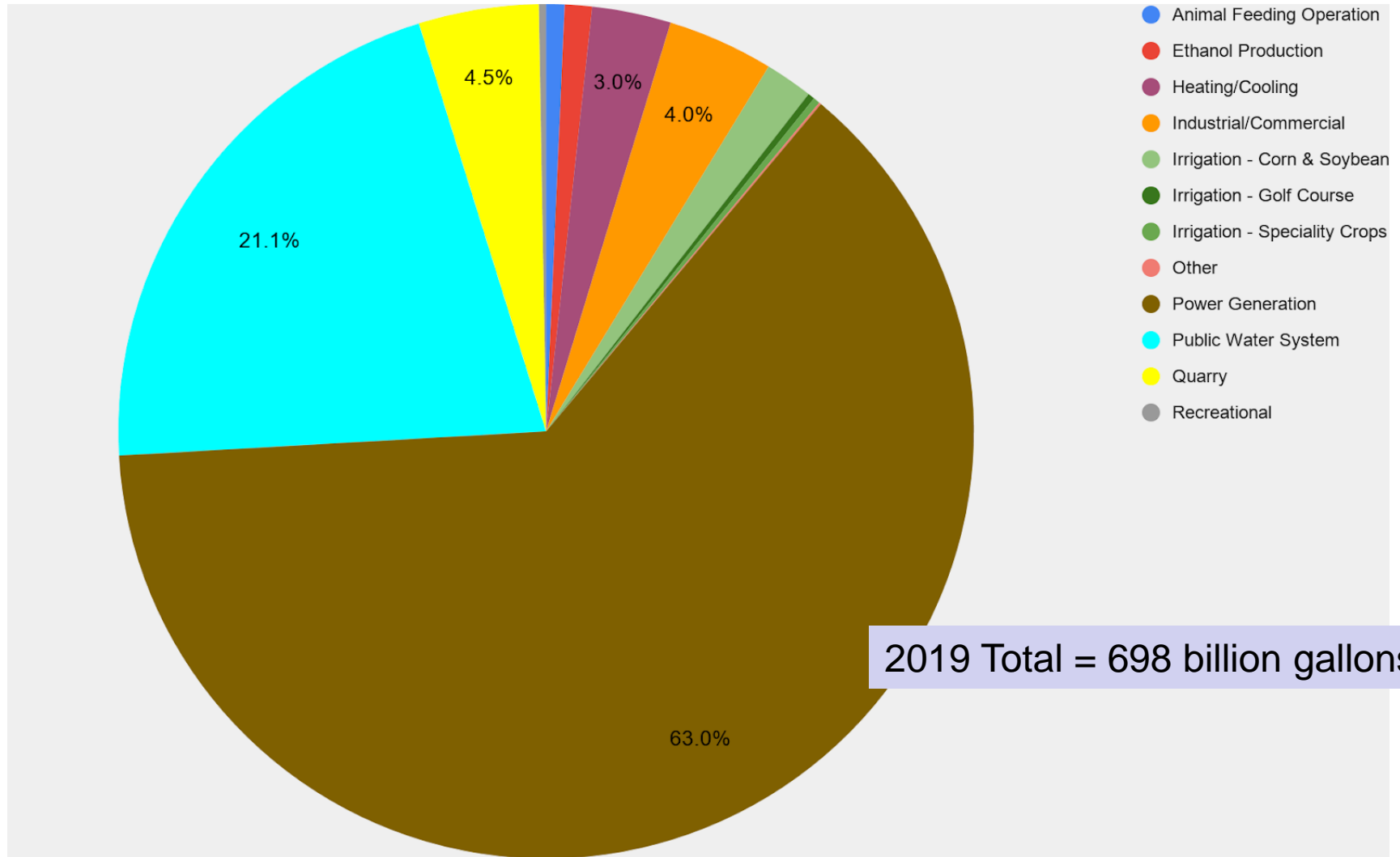
- Water Use Database User statistics
 - 1,039 users have signed up to-date and have accounts linked to 1 or more permits
 - ▶ 12% increase from SFY2019
 - 2,159 WU permits are linked to a specific permit holder (user)
 - ▶ 65% of total active permits
 - 630 fees (all types) were paid online in SFY 2020
 - 724 Annual WU reports for 2019 were entered online, or 24% of active permits
 - 95% compliance rate for water use reporting

Iowa Water Use Program Status and Trends

~3,337 Active Permits

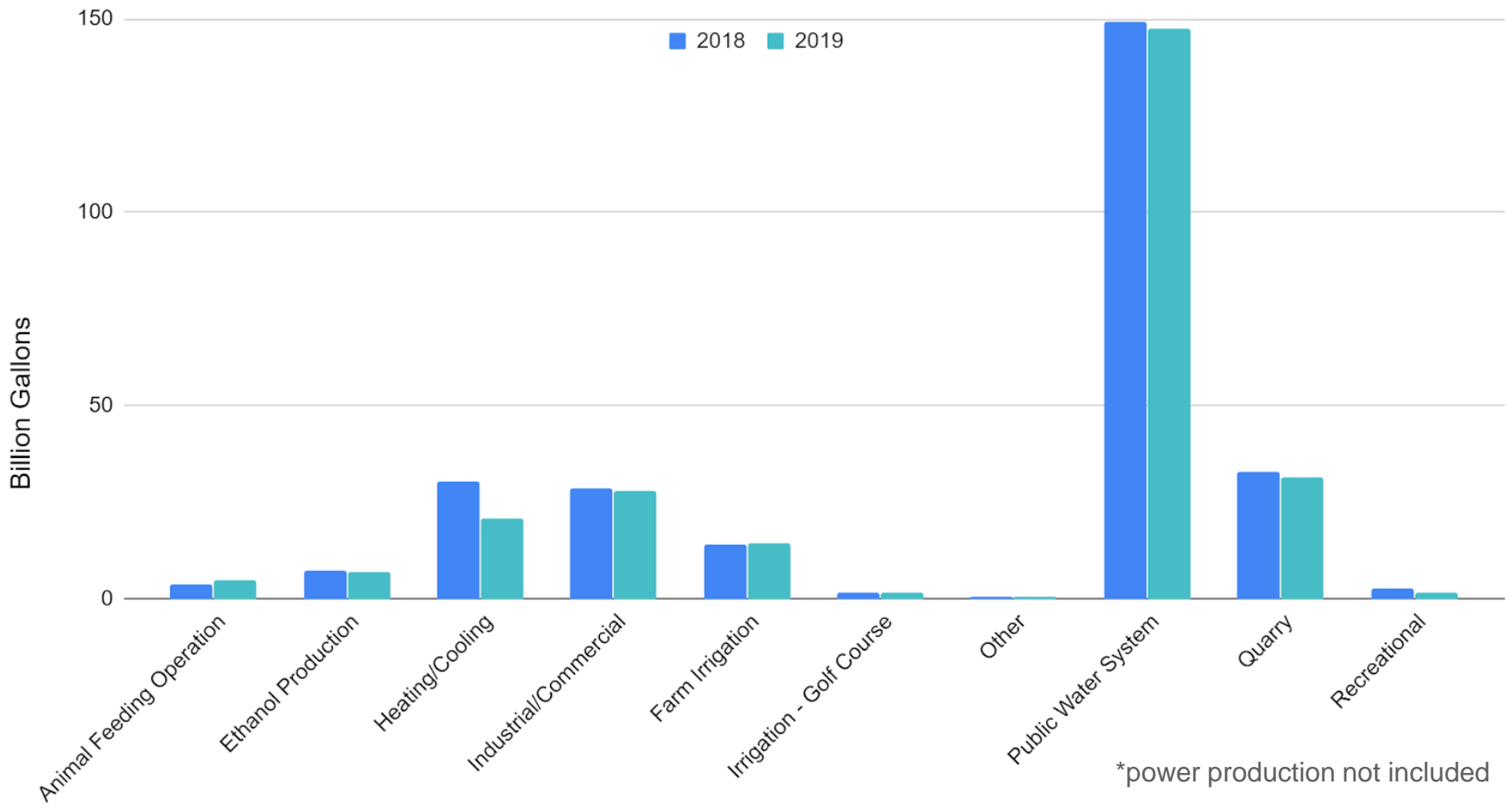


Iowa Water Use Program Status and Trends



Iowa Water Use Program Status and Trends

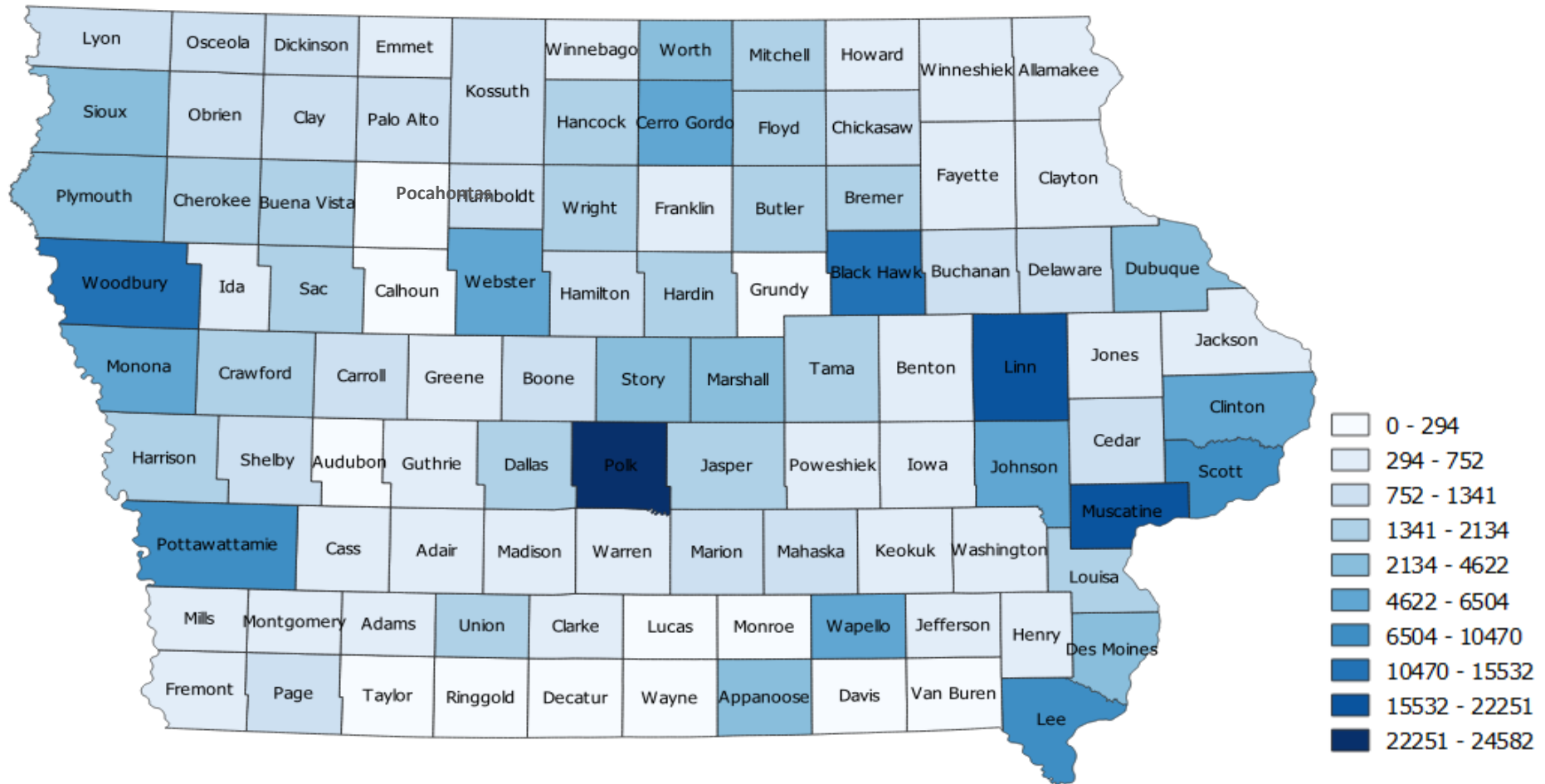
2018 to 2019 Annual Water Use Comparison by Major Category*



*power production not included

Iowa Water Use Totals by County - 2019

2019 Water Use in Million Gallons
(power production not included)



WACOP Overhaul

**Iowa Department of Natural Resources**
Water Allocation Compliance and Online Permitting (WACOP)
Leading Iowans in caring for our natural resources

Welcome! Today's date is 07/22/19

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Water Allocation Compliance and Online Permitting (WACOP)

Welcome to the Water Use Program's **Water Allocation Compliance and Online Permitting (WACOP)** application. WACOP stores the facility, environmental, and historical information on all of Iowa's water use permits. In WACOP you can apply for a new water use permit, pay fees, update contact information, enter your annual water use, and check on the status of your permit.

In Iowa, a water use permit is required of any entity that withdraws over 25,000 gallons in a 24-hour period during a calendar year. Iowa law requires that water users submit their water use report annually to the Iowa Department of Natural Resources.

For more information about the program, please visit the Water Use Program web page at: www.iowadnr.gov/wateruse

Signing in to WACOP

Login to WACOP

Create a WACOP Account

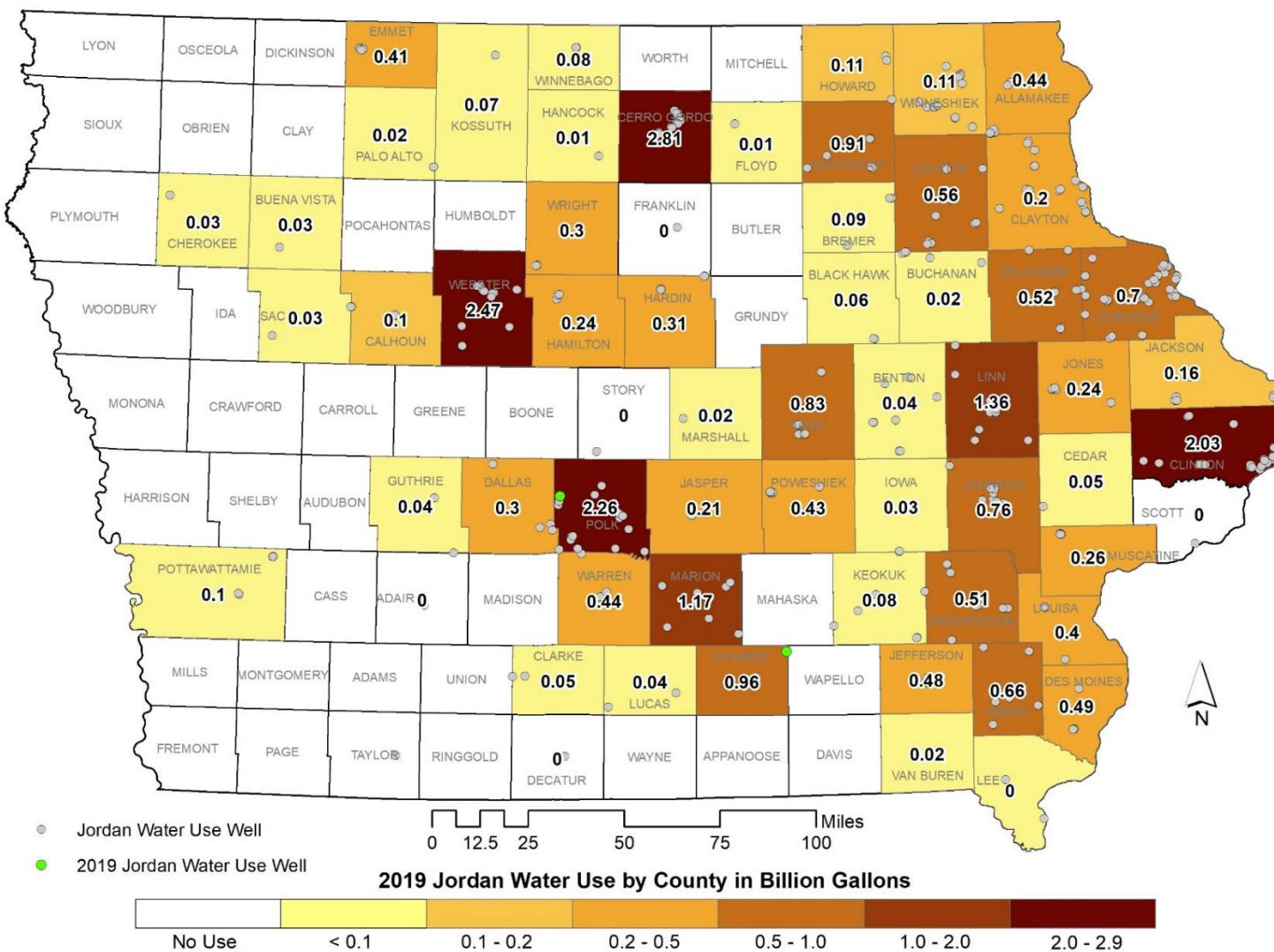
Steps to Create a WACOP account:

1. Click "Create a WACOP Account" and follow the registration steps.
2. "Login", then "Log out" of WACOP.
3. E-mail wateruse@dnr.iowa.gov and request to be linked to your permit(s). Be sure to include your account name and permit number(s).
4. You will be notified via email when your accounts are set up and linked.

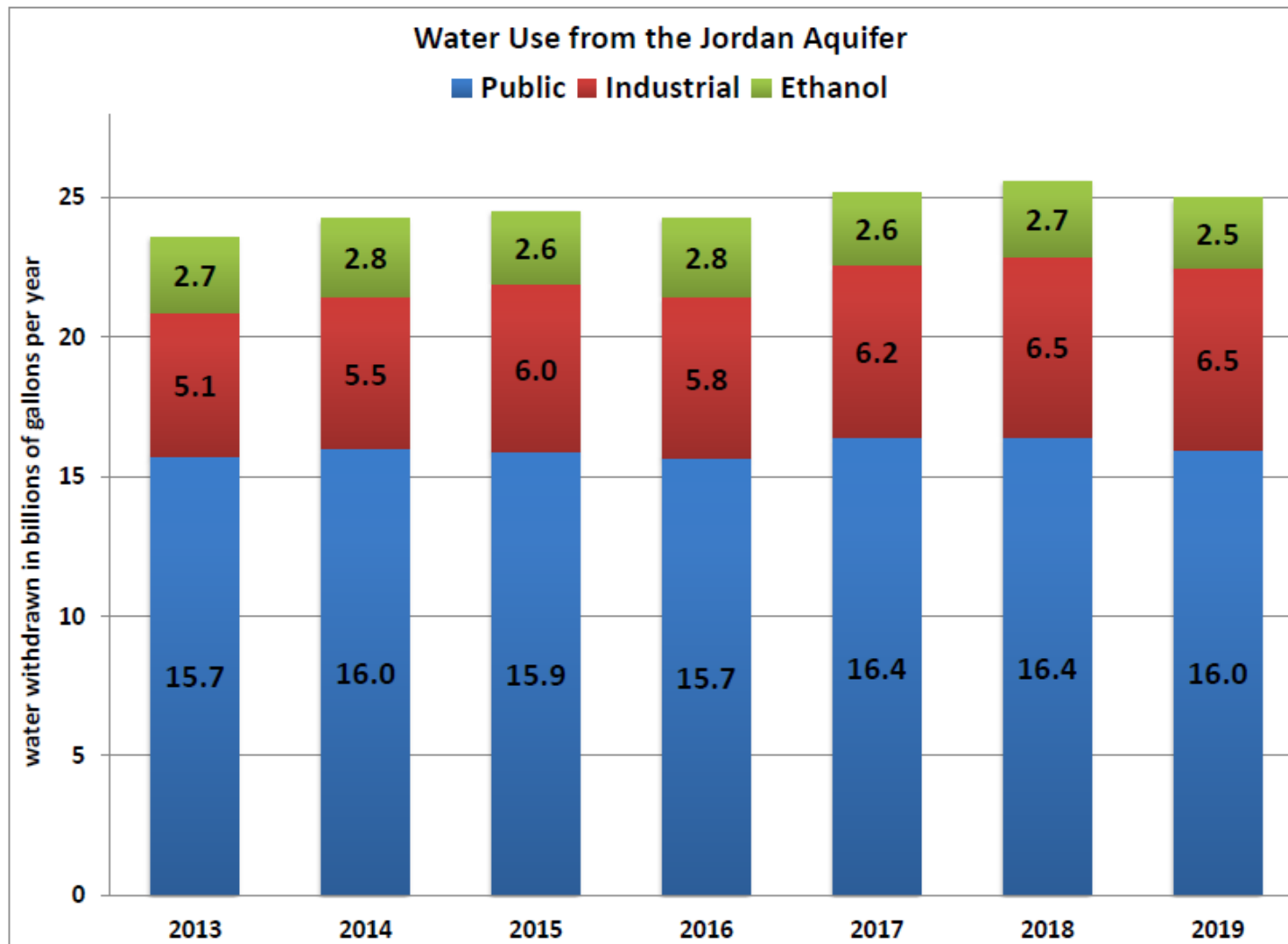
WACOP Overhaul

- FY2020 sent out an email survey & held 3 stakeholder meetings in Des Moines, Cedar Falls, & Onawa
- Complete upgrade of the WACOP database
- Agile development process; expected completion Q4 FY2021
- Major Goals:
 - Update to current agency standards
 - Make it EASIER TO USE
 - Make it easier for IT to support

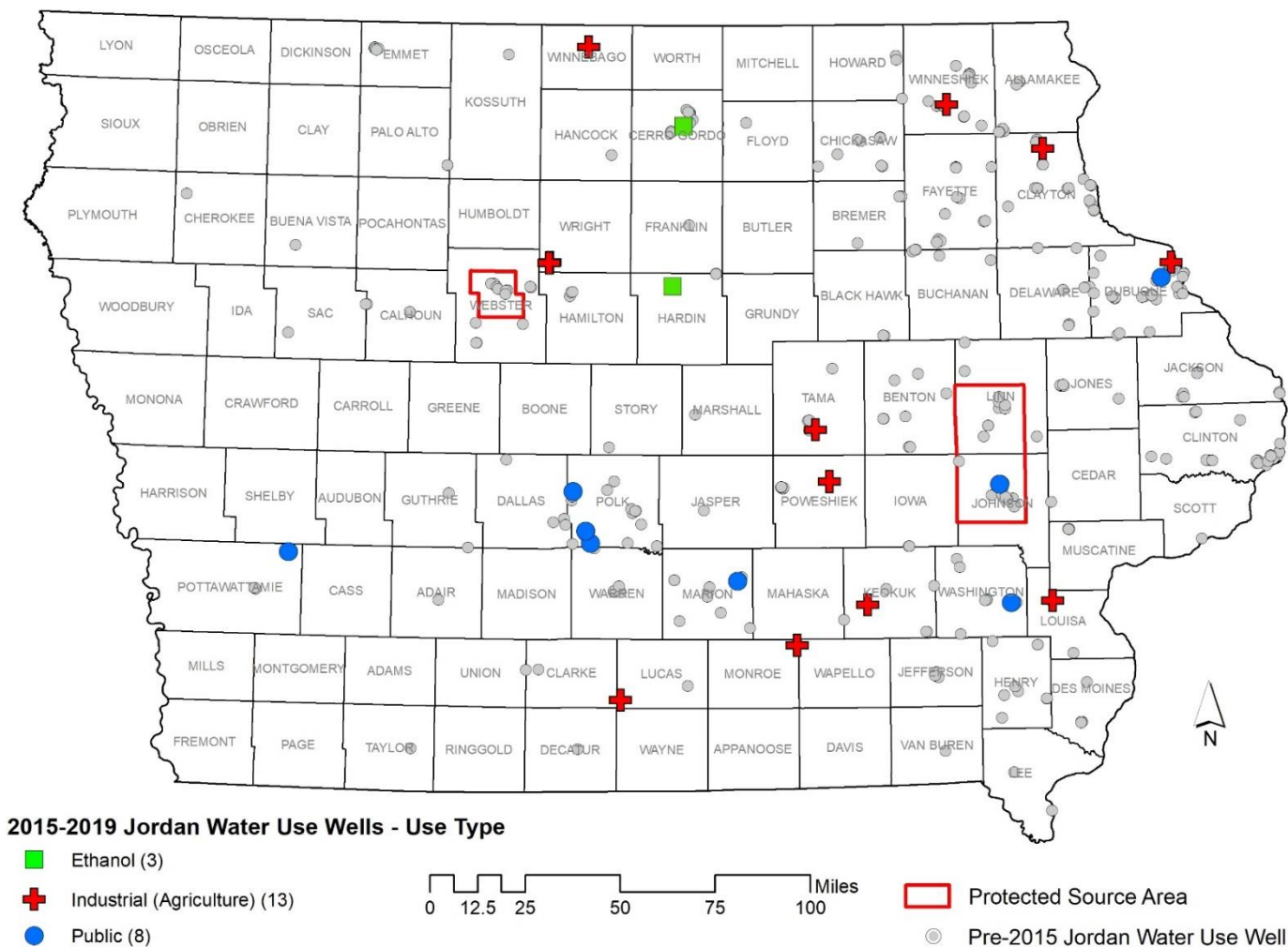
Jordan Aquifer Rule - 2019



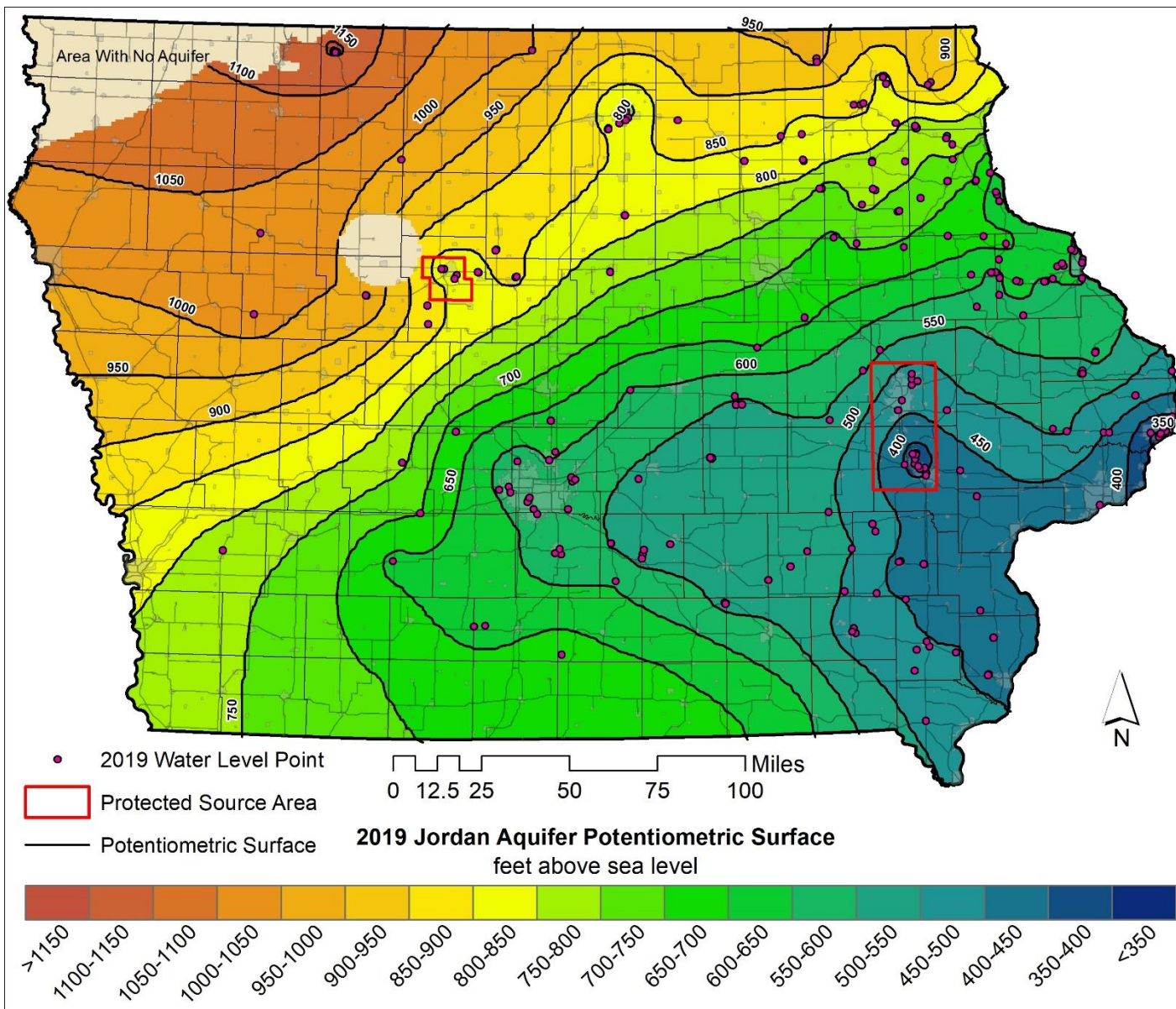
Jordan Aquifer Rule - 2019



Jordan Aquifer Rule - 2019



Jordan Aquifer Rule - 2019



Proposed Initiatives in SFY 2021

- All of the routine work
 - Issuance of permits, collection of fees, database maintenance, conflict resolution, program implementation
 - Stakeholder meeting & annual fee determination
- Increase online permit management, including annual water use reporting
- Improve project review and close-out turn around times when processing applications
- Continue to implement Jordan aquifer management strategies; work with affected systems at Tier 2
- Improve WACOP Database using the input from permittees gathered in 2020.

Major Cost Items in FY21 Budget

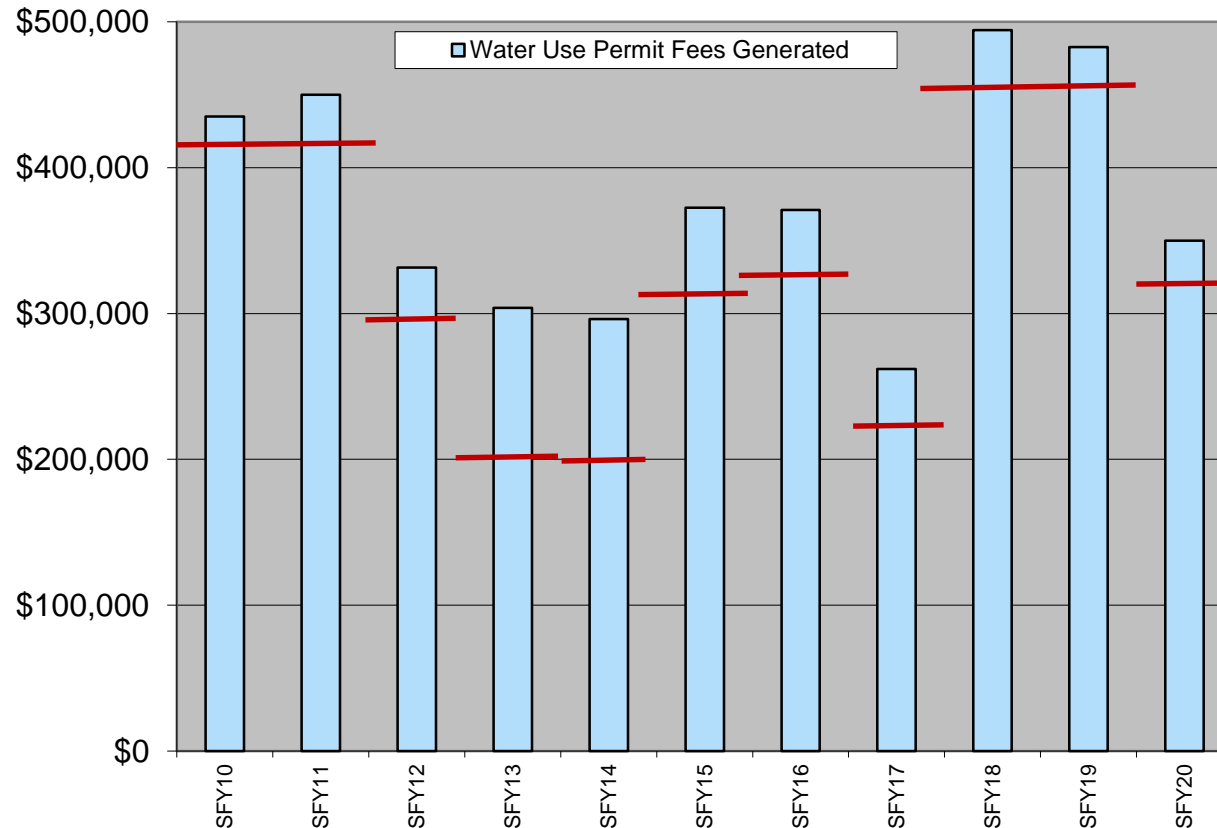
- Staffing (84.7% of budget)
 - 4.0 FTE
- Indirect (10.2% of budget)
- IT Outside Services (0% of budget)
 - WU database upgrade to improve function
 - Budgeted \$50,000 in 2020 but not spent
 - Will spend in 2021 and it'll come from carryforward
- Remaining 5.1% of budget
 - Publishing (public notices)
 - Miscellaneous (travel, office supplies, postage)
 - Computer replacement
 - Field Office compliance assistance

Long Term Budget Needs

- Program is stable
- Staffing needs expected to remain stable
- Staffing costs rise over time
- Permit fees fluctuate year-to-year, aim to make them steady
- General Fund allocation is not targeted to Water Use Account, so plan accordingly

Fees Generated from Water Use Permits

Goal: red line



The red line indicates the goal from the Annual fee; the blue column is the actual amount of fees collected from annual permit fees and new/modified permit fees. Note that in both SFY 2013 & 2014, there was a substantially higher amount collected, which was due to an increase in applications for new or significantly modified permits due to drought.

Annual Fee Calculation

- Determine budget
- Assume there will be General Fund in SFY 2021
 - Directed to assume no General Fund in SFY 2018 and SFY2019, but it was received
 - ▶ That's why the carryforward amount built up, and is approximately the GF appropriations for those two years
 - If there is no GF in 2021 and 2022, the carryforward will cover the budget
 - Gradually spend down the carryforward by reducing annual fee
 - ▶ Carryforward in 2019: \$335,120
 - ▶ Carryforward in 2020: \$323,161
- Divide the remaining need by number of active permits
- **Annual fee history:**
 - \$135 in 2010-2011; \$95 in 2012; \$66 in 2013-2014; \$99 in 2015-2016; \$66 in 2017; \$134 in 2018-2019; \$95 in 2020

SFY 2021 Annual Fee Calculation

- **Fee calculation**

- \$538,007 budget

- 161,402 General Fund
 - 30,000 application fees
 - 39,968 carryforward

- \$306,637 to be collected from annual fees

- Number of active permits: 3,228

- ▶ No attrition expected this year; same as 2020

- $\$306,637 / 3,228 = \95.00 per permit

- **Proposed 2021 Annual Fee: \$95.00**

- Carryforward from 2020 to 2021: \$323,161

- Spends down almost \$40,000 of carryforward

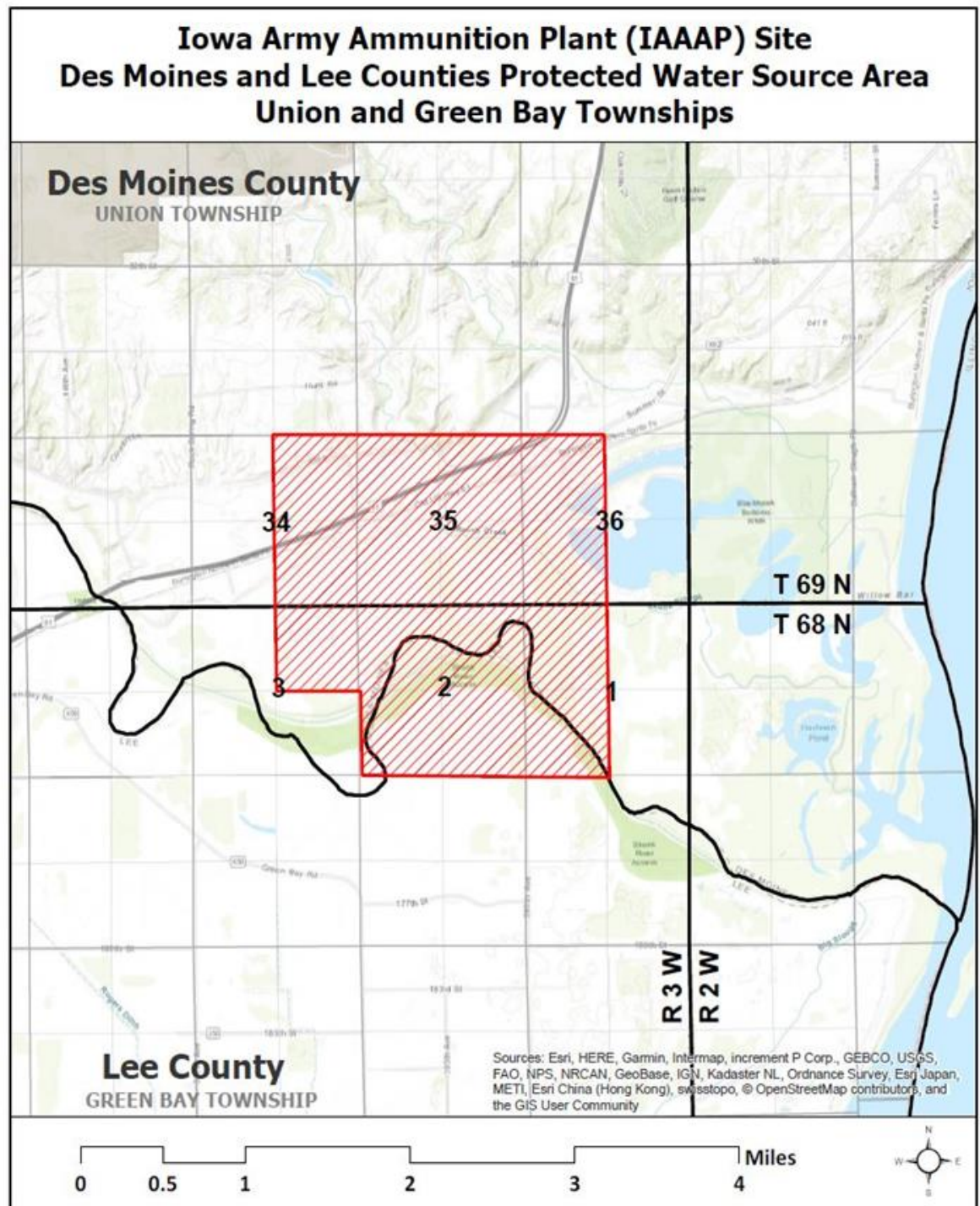
Proposed rules

- Two rule packages (same as presented at SFY2020 meeting):
 - Clean-up, clarification, and protected source
 - Storage permit rules move to Dam Safety rules
- Rule changes, in Chapter order
 - Chpt. 50:
 - ▶ Update the forms numbers
 - Chpt. 52: Eliminate the distinction between withdrawals from streams and unconfined aquifers draining <50 mi² and those ≥ 50 mi².
 - ▶ Rescind 52.3 & 52.4(1) and adopt new 52.3 and amend 52.4(2).

Proposed rules

- Update USGS reference in 52.8(2)
- Chpt. 53: Protected water source area designation:
 - ▶ Update the Ralston site with the CERCLA ID
 - ▶ Add the Iowa Army Ammunition Plant RDX plume in Des Moines and Lee Counties
- Chpt. 54: correct reference to old form
- Land Quality Bureau Rulemaking: Storage permit processing is moving to dam safety unit to facilitate permitting; separate rulemaking
 - ▶ Current standard: 18 acre-feet requires a storage permit
 - ▶ To be changed to a formula that accounts for the hazard of the dam (deeper may require permit at lower threshold)
 - ▶ Permitted for life of dam; permit fee is one-time \$75

Protected Water Source Area in Des Moines & Lee Counties



Questions?

Date for SFY2021 Annual Fee Approval Request:

- EPC August Meeting (Decision)
 - Tuesday, 8/18/2020
 - Virtual Meeting

