



ROCK COUNTY BOARD OF HEALTH

WEDNESDAY, AUGUST 7, 2019

6:00 P.M.

PUBLIC HEALTH DEPARTMENT – 3328 N. U.S. HIGHWAY 51

JANESVILLE, WI 53545

(ACROSS FROM SPORTSMAN'S PARK)

AGENDA

1. Call to Order
2. Adopt Agenda
3. Approval of Minutes – (7/10/2019)
4. Citizen Participation
5. New Business
 - A. Administrative Division
 - (1) Review of Payments
 - (2) Transfer of Funds over \$5,000
 - (3) Health Department Report
 - a. In the News
 - b. Surveillance
 - c. Community Events/Outreach
 - d. Budget
 - e. Personnel
 - B. AHEC Intern Presentation
6. Communications and Announcements
7. Adjournment

Board Members who are unable to attend the Board of Health meeting, **please** contact Lou Peer (295-5210) or Jessica Turner at the Public Health Department (757-5440). Thank you.

The County of Rock will provide reasonable accommodations to people with disabilities. Please contact us at 608-757-5510 or e-mail countyadmin@co.rock.wi.us at least 48 hours prior to a public meeting to discuss any accommodations that may be necessary.



MINUTES OF BOARD OF HEALTH MEETING

July 10, 2019

Call to Order: Meeting was called to order by Chair Peer at 6:00 p.m.

Board of Health Members Present: Supervisor Peer, Supervisor Gramke, Supervisor Rynes, Supervisor Homan, Dr. Meyers, and Ms. Wade.

Board of Health Members Absent: Dr. Winter, Dr. Somaraju, and Mr. Gresens.

Staff Members Present: Michelle Bailey – Assistant Director; Rick Wietersen – Environmental Health Director; and Jessica Turner – Administrative Services Supervisor.

Others Present: None at this time.

Adopt Agenda

Ms. Wade made a motion to adopt the agenda. Supervisor Gramke seconded the motion. MOTION APPROVED.

Approval of Minutes – 6/5/19

Dr. Meyers made a motion to approve the minutes of the 6/5/19 Board of Health meeting. Supervisor Gramke seconded the motion. MOTION APPROVED.

Citizen Participation

None at this time.

New Business

Administrative Division

Review of Payments

The Board reviewed the Health Department's June payments in the amount of \$5,626.31.

Transfer of Funds over \$5,000

None at this time.

Health Department Report

In the News

Ms. Bailey reported that the Janesville Gazette interviewed the Public Health and Human Services Departments. The article highlighted data analysis and included information on tracking influenza, the late peak of influenza this year, and vaccination waivers. She added that the WCLO appearance was cancelled due to a Brewers game.

Ms. Bailey told the board members that the Environmental Health Profiles are out. She provided the Board members with a copy. (Available online at <https://www.dhs.wisconsin.gov/publications/p0/p00719-rock.pdf>)

Mr. Wietersen added that the Beloit Daily News will be reporting on mosquitos and West Nile virus either today or tomorrow.

Surveillance

Ms. Bailey stated that the Rock County Public Health Department (RCPHD) investigated a couple of potential measles cases. Everything has come back negative so far. According to Ms. Bailey, measles cases nation-wide have been decreasing. Ms. Bailey added that the RCPHD evaluated the impact of its measles vaccination outreach. Adult vaccination rates in Rock County spiked in May. There was a similar trend statewide.

Ms. Bailey reported that Ms. Pusnik, a health educator with the RCPHD, conducted resource surveillance for a chronic disease grant that focuses on promoting diabetes prevention programs and self-management programs. She found that Rock County does not have any prevention programs yet. There are four management programs, of which three are accredited. The grant objective is to focus on the populations heavily impacted by diabetes and cardiovascular disease. Ms. Pusnik will continue resource surveillance by determining which pharmacist are part of the Wisconsin Pharmacy Society Collaborative and which ones offer blood pressure screenings.

Ms. Bailey mentioned that at the last meeting someone asked how many years' worth of immunization data is stored in the Wisconsin Immunization Registry. She said that Rock County started entering immunizations in 1999 or 2000 and was able to enter all historical data on file.

According to Ms. Bailey, there were three cases of cryptosporidium in Rock County that were related to a field trip to a farm in Illinois. The local health departments and the Wisconsin Department of Health Services collaborated to investigate and make sure proper hand washing procedures were being promoted.

Ms. Bailey told the Board that there was a possible active tuberculosis case. The first sample came back negative. Two more samples were collected.

Community Events/Outreach

Ms. Bailey reported that RCPHD staff attended Juneteenth and Freedom Fest. They piloted a survey about barriers to healthy pregnancy and infancy as part of a learning lab grant. She said they plan to roll out a larger survey with community partners to address poor birth outcomes in Rock County. They also promoted The Tick App (<https://thetickapp.org/>) and Lyme disease awareness. Mr. Wietersen added that The Tick App is a phone app to record tick activity by location. The UW-Madison Entomology Department is compiling the information to find trends. The RCPHD is also trying to do better surveillance. According to Rick, the RCPHD is working with UW Entomology on this issue. RCPHD staff has applied for a mini-grant. Michelle told the board members that the RCPHD staff also provided information about diabetes, breastfeeding, and safe sleep.

Ms. Bailey told the Board that the RCPHD also attended the Rock County Employee Health Fair put on by the Rock County wellness program. RCPHD staff handed out trail mix with a recipe and trail guides to promote healthy eating and physical activity.

Ms. Bailey reported that Ms. Klingensmith, the Community Health Education Coordinator for the RCPHD was on a panel presentation at the Wisconsin Substance Abuse Prevention conference. She presented on a project called Place of Last Drink. RCPHD is working in collaboration with the Wisconsin Alcohol Policy Project at the UW Law School and the Health Equity Alliance of Rock County. The initial goal was to have 25% of municipalities implementing policies to address alcohol related problems by 2020. So far, 50% of municipalities are implementing interventions. Supervisor Rynes added that in Madison, some establishments are voluntarily closing half an hour early because this has been shown to decrease crime.

Ms. Bailey said that Ms. Pusnik and Beloit Area Community Health Center created a food safety video for National Food Safety Month. It can be found here:

<https://www.youtube.com/watch?v=LxEOWiuBqrM&feature=youtu.be>.

Mr. Wietersen announced that the Rock County Rabies Clinic will take place on September 21 at the Rock County Fair Grounds.

Mr. Wietersen also told the Board that the RCPHD is conducting a well water town sampling in the Town of Turtle. Letters were sent to 900 residents.

Mr. Wietersen also announced that water quality monitoring signs will be posted at surface water testing sites.

Budget

Ms. Bailey stated that Ms. Sandoval gave a budget presentation last week.

Personnel

According to Ms. Bailey, Caitlin Turkowski has been hired as a Public Health Nurse. She will be starting on July 29th. She is currently completing her Bachelors of Science in Nursing degree.

Ms. Bailey reported that Kelly Klingensmith has resigned as Community Health Education Coordinator. She is moving to Chicago and asked Ms. Bailey to relay her goodbyes to the Board. Her position has been posted and is open until Friday.

Mr. Wietersen reported that the part time Environmental Health position has been put on hold temporarily. He said they did not receive many qualified applicants. Mr. Wietersen told the Board that Mark Seymour has retired after 13 years at the RCPHD. His position is posted and open until Friday. Mr. Wietersen added that the part time position will be reposted after the full time position is filled.

Ms. Bailey reported that the Public Health Nurse Supervisor position was opened three times without any qualified applicants. The position has been changed to a Public Health Supervisor. According to Ms. Bailey, other health departments are calling the position Population Health Supervisor. The position will be reposted next Wednesday.

Ms. Bailey added that the RCPHD is checking to see where Human Resources is posting the job listings and adding some places to broaden the search.

Nitrate Workgroup Update

Mr. Wietersen gave a PowerPoint presentation on the Nitrate Workgroup (see attached).

Communications and Announcements

Ms. Bailey announced that the RCPHD will be at the County Fair to provide education on spreading of communicable diseases. She asked if Rock County has a booth for County Board members and if it would be possible to share.

Adjournment

Ms. Wade made a motion to adjourn the meeting. Supervisor Homan seconded the motion. MOTION APPROVED. Meeting adjourned at 7:15 p.m.

Respectfully Submitted,

Jessica Turner, Recorder
Not Official Until Approved by the Board of Health

Rock County Groundwater Nitrate Work Group ----- Update -----

WHEN WAS WORK GROUP FORMED?

- County Resolution June 2017
- Amended in Dec 2017 to Extend to Dec. 31, 2020
- 2021 and Beyond?

WHO IS ON THE WORK GROUP?

- 12 person Work Group



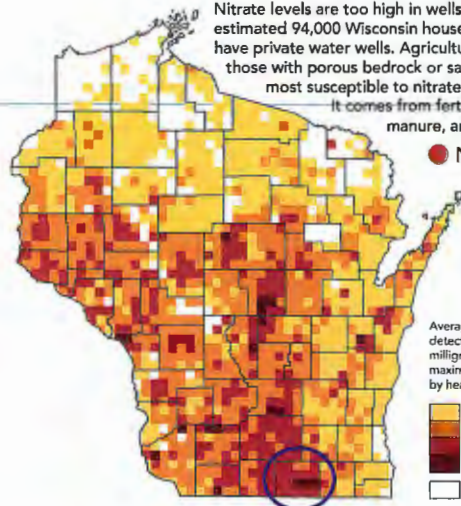
Nitrate Work Group Mission Statement

The Rock County Groundwater Nitrate Workgroup will analyze existing groundwater nitrate data, evaluate known best management practices to reduce nitrate leaching, and provide practical recommendations on short-term and long term methods to improve groundwater nitrate quality.



Nitrate in drinking water around Wisconsin

Nitrate levels are too high in wells used by an estimated 94,000 Wisconsin households that have private water wells. Agricultural areas and those with porous bedrock or sandy soil are most susceptible to nitrate contamination. It comes from fertilizers, including manure, and other sources.

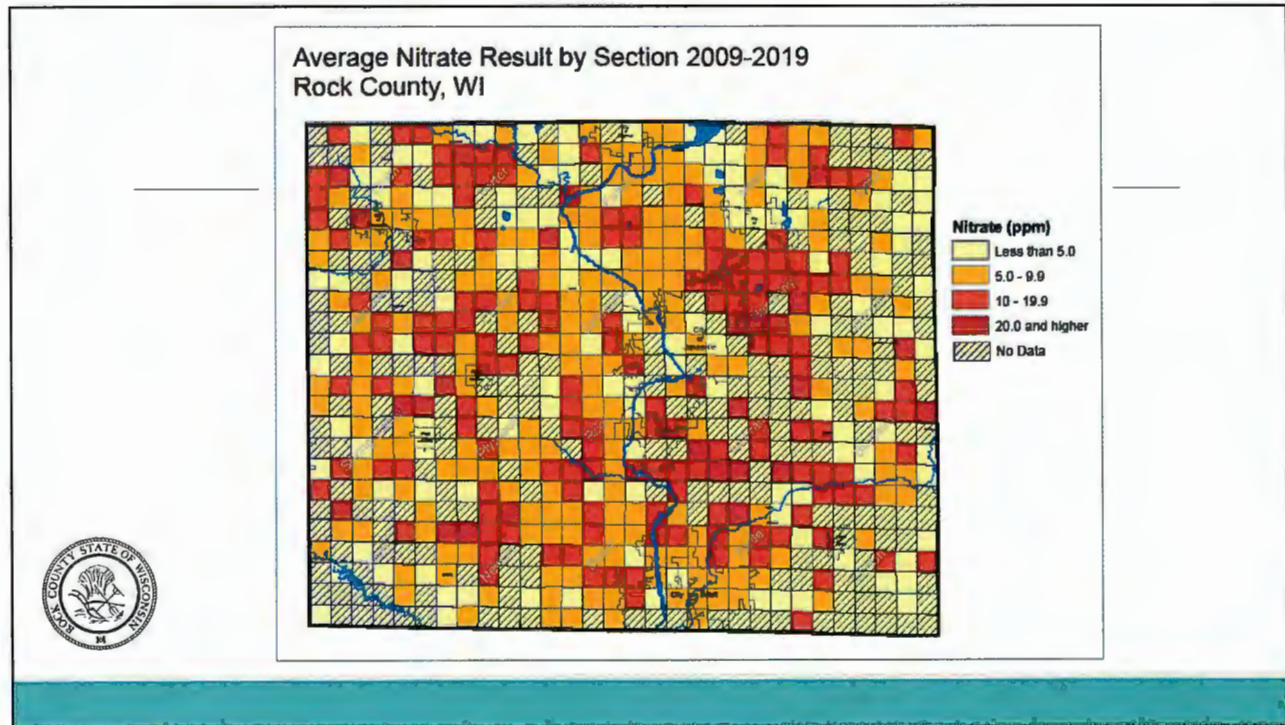
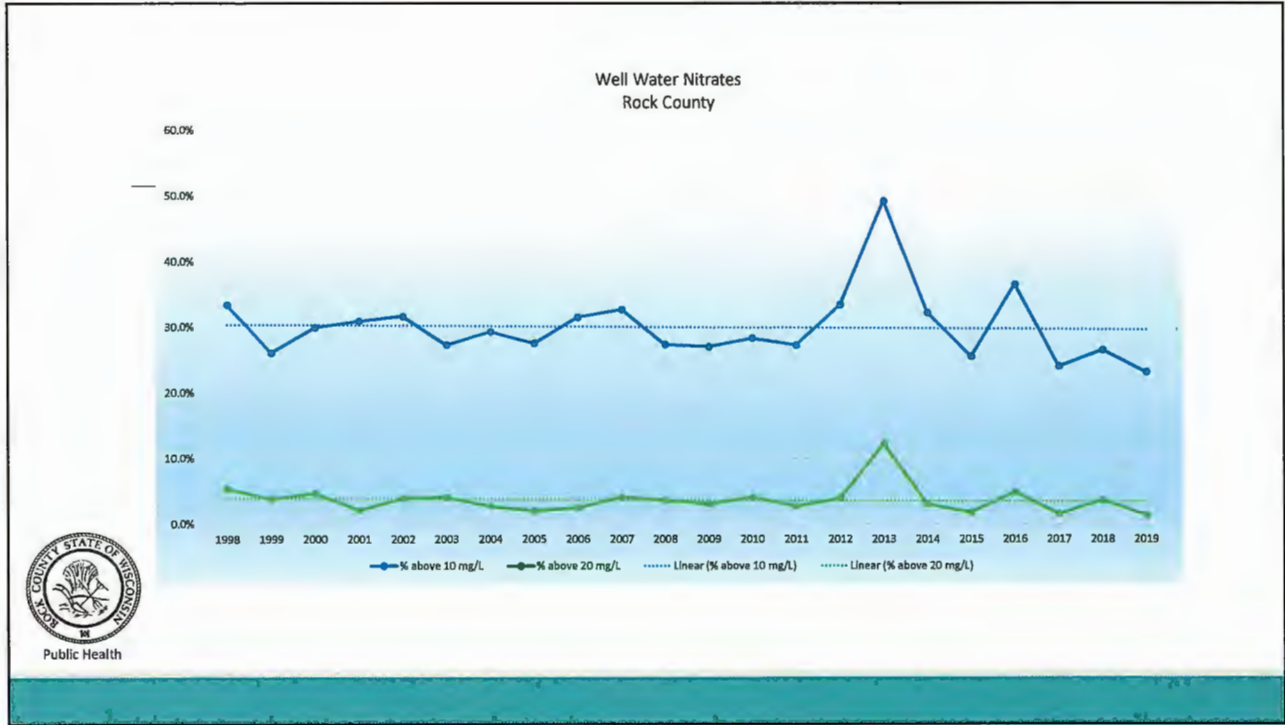


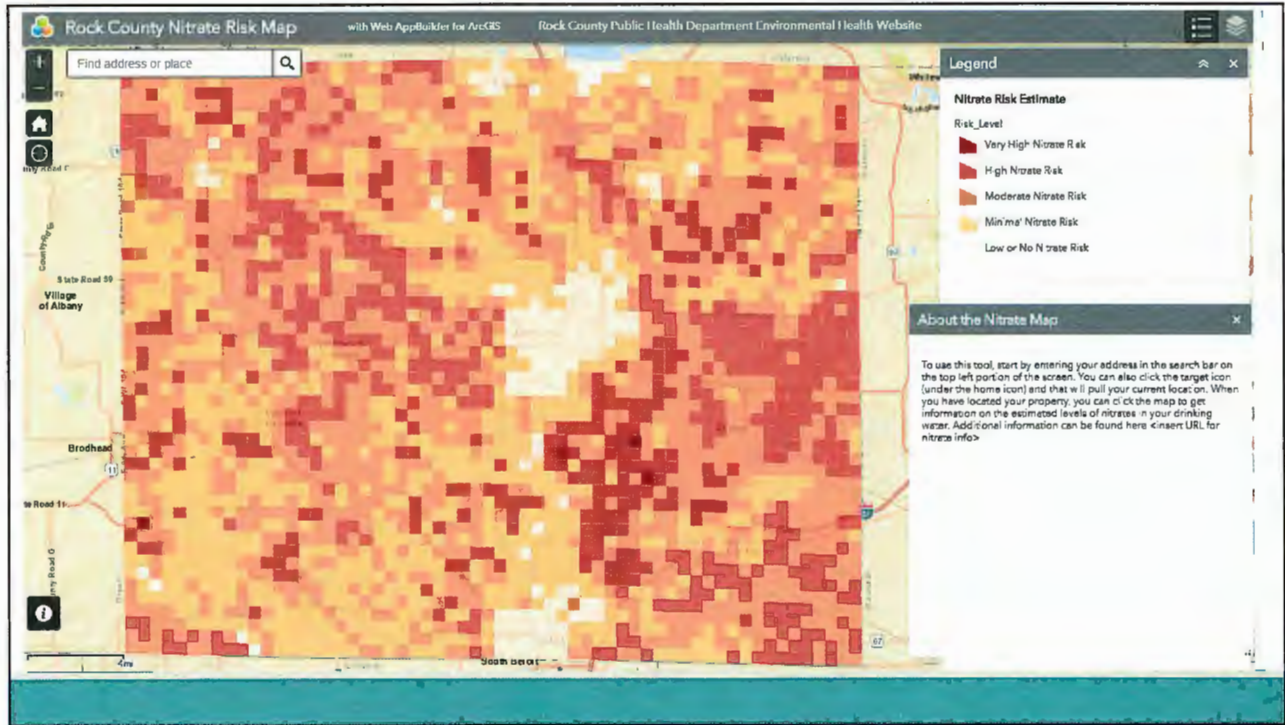
Average amount of nitrate detected by township (in milligrams per liter). The maximum amount allowed by health standards is 10 mg/L.



CREDIT: Katie Kowalsky/Wisconsin Center for Investigative Journalism

SOURCE: Well Water Quality Viewer, University of Wisconsin-Stevens Point's Center for Watershed Science and Education. Private Drinking Water Quality in Rural Wisconsin, Journal of Environmental Health, 2013.

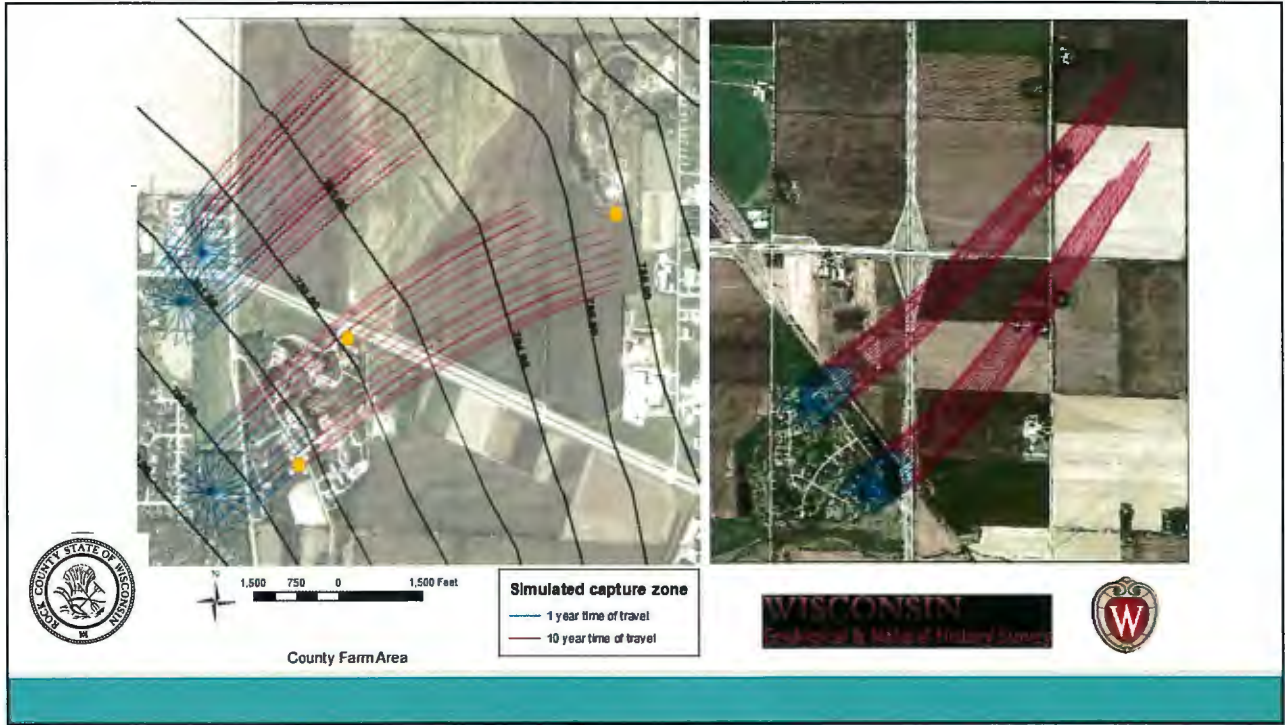




Establishment off Nitrate BMP Demonstration Areas

- **We Identified Potential BMP Groundwater Areas (2017/2018)**
 - geology, groundwater impacts, availability of indicator wells
 - Work with Wisc Natural History and Geologic Survey
- **We Evaluated Potential Landowner Cooperation (2018)**
 - Farm community support
 - Develop Landowner Contracts
- **Established Base Funding (Winter 2018)**
 - ATC Funding
 - Used to install monitoring wells

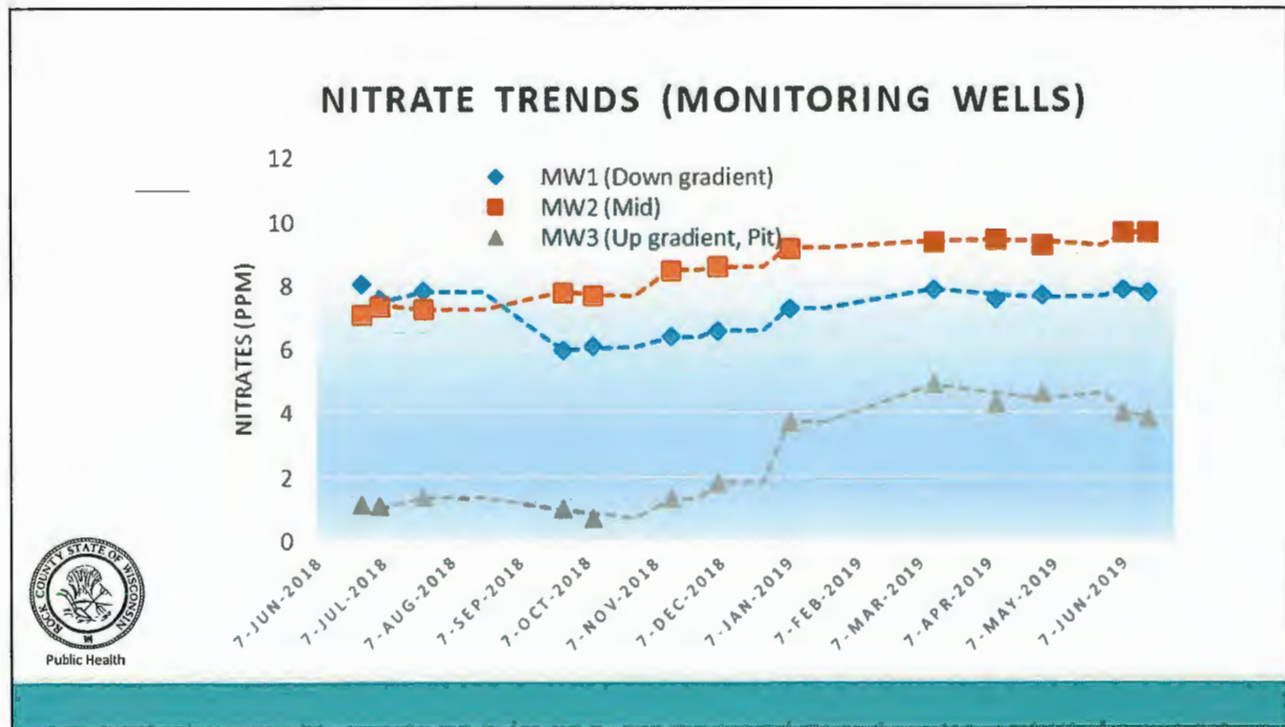
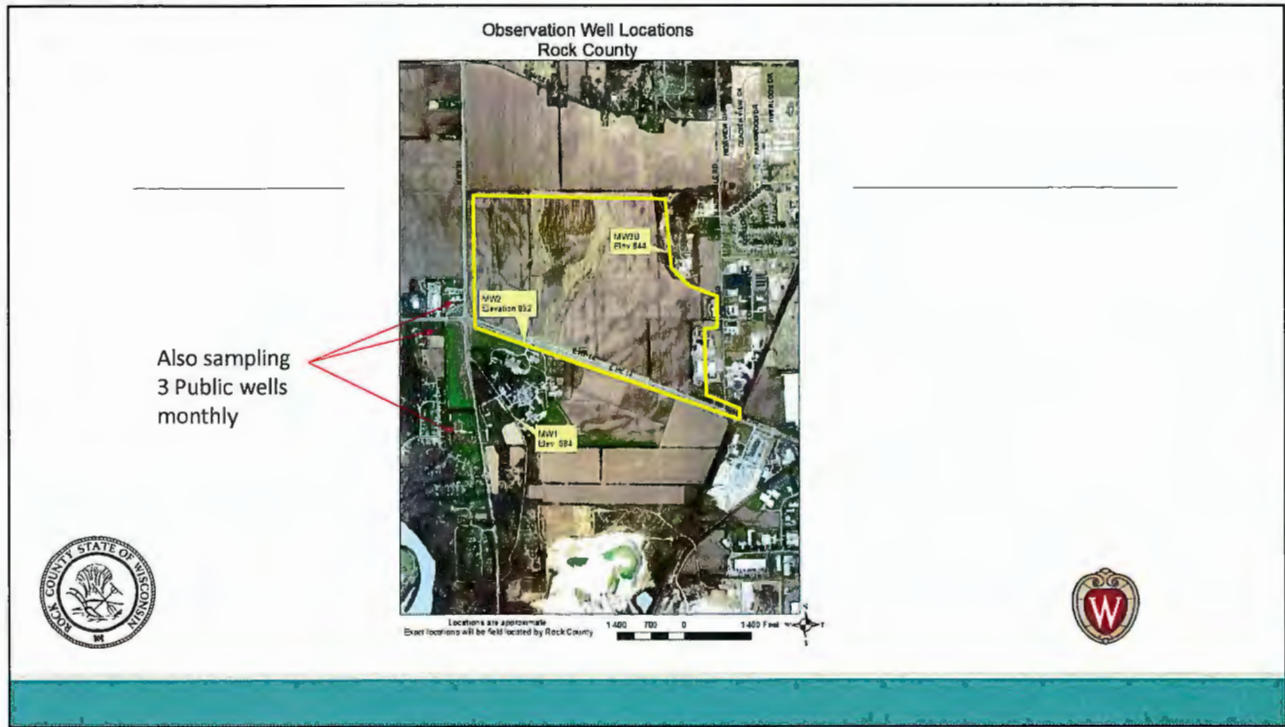


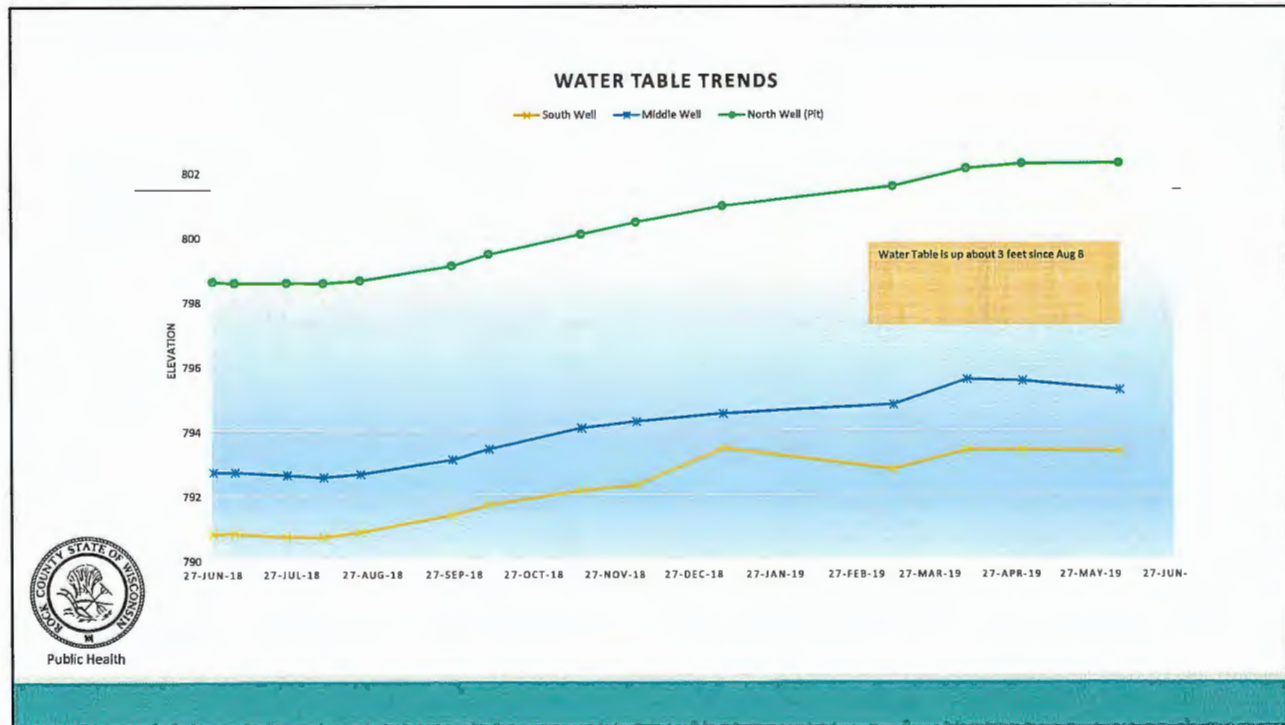
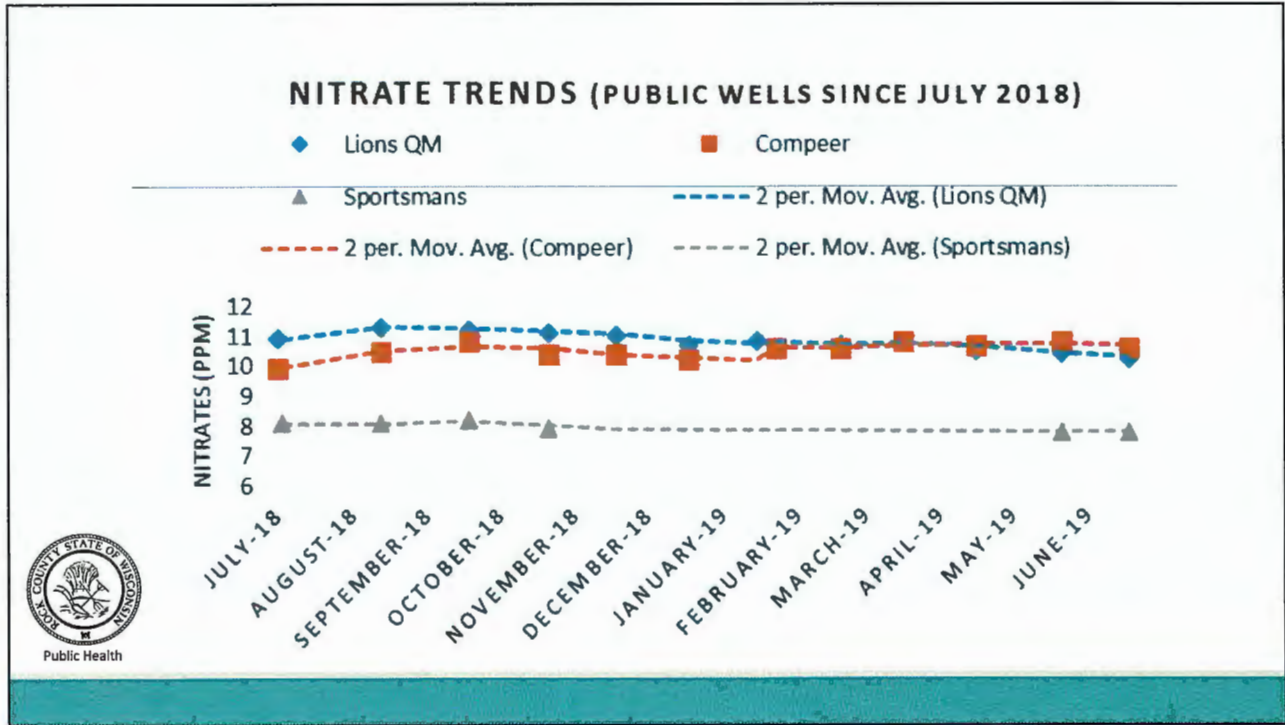


Installation of Monitoring Wells

- Three Wells Installed (June 2018)
 - Upgradient well (background)
 - Near-downgradient well
 - Additional down gradient well
- Background Data (2018.....ongoing)
 - Nitrate levels
 - Groundwater elevations
 - Groundwater flow direction
 - Evaluate trends over time



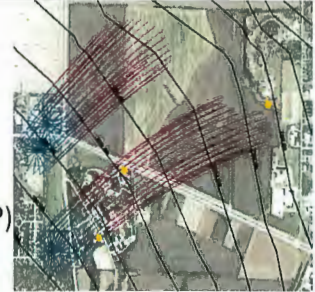




County Farm Nitrate-Friendly Management Practices

- New 5-year Contract with Grower (2019-2023)

- Required to follow nitrate-friendly management practices
- Required to provide crop fertilizer and harvest data
- Evaluate Groundwater and Ag Economics



- Implement Best Management Practices (2019 to 2023 and longer?)

- **Establish cover crops**
- Utilize Crop Rotations
- Consider fertilizer sources
- Soil Testing
- Fertilizer application timing**
- Variable rate applications
- **Proper nitrogen crediting**
- Setting realistic yield goals
- **Irrigation scheduling (if applicable)**
- Tillage practices
- **Split applications of Fertilizer**
- Plant tissue testing?



What's Next.... Farmer-Led Nitrate Initiatives?

- Farmer/Landowner Meeting Held March 4, 2019

- Open conversations about nitrate issues
- Concerns and ideas to reduce nitrates

- Formation of a Farmer-led Nitrate group

- 1st 'Farmer led' group meeting in August



Local Led Workgroup

Made up of:

- Farmers
- Ag Service Providers
- Landowners

Working together to share ideas and come with solutions

Once organized there are funding sources available to support training, on farm trials, and outreach programs

Local Partners

- UW Extension
- Land Conservation
- NRCS
- Health Department
- Planning and Development



Proactive Farmer-Led Solutions

Working together on addressing the problem can:

- Create practical and effective solutions**
- Lead to positive change and greater efficiency in production**
- Save on inputs while maximizing economic return**
- Proactive approaches help decrease regulation potential**

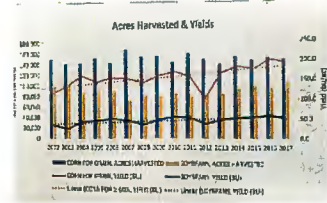


Ignoring the issue won't make it go away



Additional Approaches

- * Applying for a Federal Watershed Grant for Groundwater
Incentives for growers to try "Nitrate-Friendly Practices"
- * More Sampling..... More Data..... Data Evaluation
Monitoring wells, Town sampling Programs, Establish Well Networks
Mapping and analysis of trends



- * Increase Groundwater Nitrate Education
 - Agriculture, Lawn Fertilizers, Septic Systems
 - The \$\$ cost of doing nothing
 - UW-Extension, Land Conservation Dept, Health Dept., Planning
 - Municipality partnerships
 - Ag Service Providers, Lawn Chemical Companies, other community partners



“Thinking Outside the Box”



The problem didn't happen overnight.....



.....we have a long row to hoe.....but we are moving in right direction



Rock County Nitrate Issue-Board of Health July 10, 2019



**COMMITTEE REVIEW REPORT
WITH DESCRIPTION**
FOR THE MONTH OF JULY 2019

Account Number	Account Name	PO#	Check Date	Vendor Name	Description	Inv/Enc Amt
31-3000-0000-61108	SEASONAL-REG WAG					
		P1901828	07/03/2019	WISCONSIN AREA HEALTH EDUCATIO	AHEC CHIP INTERN SUMMER STIPEN	1,300.00
		P1901906	07/25/2019	FORWARD FOUNDATION	2019 ROCK INTERNSHIP DISCOUNT	1,100.00
31-3000-0000-63100	OFC SUPP & EXP					
		P1900130	07/25/2019	OFFICE PRO INC	SOUTH OFFICE COPY PAPER	64.00
		P1900143	07/25/2019	US BANK	GENERAL OFFICE SUPPLIES	670.87
31-3000-0000-63101	POSTAGE					
		P1900145	07/25/2019	UNITED PARCEL SERVICE	DELIVERIES 7.08 - 7.12	78.23
31-3000-0000-63200	PUBL/SUBCR/DUES					
		P1900143	07/25/2019	US BANK	WALDAB MEMBERSHIP	660.00
31-3000-0000-63300	TRAVEL					
		P1900143	07/25/2019	US BANK	CONFERENCE REGISTRATION TRAVEL	1,537.10
31-3000-0000-64000	MEDICAL SUPPLIES					
		P1900123	07/25/2019	GLAXOSMITHKLINE PHARMACEUTICAL	SHINGRIX VACCINE	3,124.60
		P1900125	07/25/2019	HOMETOWN PHARMACY	TUBERCULIN PURCHASE	414.55
		P1900128	07/25/2019	PAXVAX INC	VIVORTIF	777.30
		P1900131	07/25/2019	SANOFI PASTEUR INC	NET 30 DISCOUNT	1,949.22
		P1901910	07/25/2019	CONTROL COMPANY	FREIGHT	264.58
31-3000-0000-64010	LAB SUPPLIES					
		P1900118	07/25/2019	CULLIGAN WATER CONDITIONING IN	DI REGENERATION	175.00
		P1900120	07/11/2019	NORTH CENTRAL LABORATORIES OF	DELIVERY CHARGES	58.63
		P1900126	07/25/2019	HACH COMPANY	FREIGHT	1,196.46
		P1900143	07/25/2019	US BANK	INCUBATOR THERMOMETER PARTS	191.26
		P1901748	07/11/2019	ASSOCIATED BAG COMPANY	SHIPPING AND FREIGHT	434.67
		P1901832	07/11/2019	IDEXX LABORATORIES INC	SHIPPING AND FREIGHT	2,758.48
31-3000-0000-64904	SUNDRY EXPENSE					
		P1900143	07/25/2019	US BANK	VOLUNTEER APPRECIATION	8.75
HEALTH DEPARTMENT PROG TOTAL						16,763.70
31-3026-0000-63110	ADMIN.EXPENSE					
		P1900143	07/25/2019	US BANK	TICK KITS AND MTG EXPENSE	742.10
		P1901794	07/03/2019	MERCY HEALTH SYSTEM	FIT TESTING PAPERWORK REVIEW	20.00
31-3026-0000-64200	TRAINING EXP					
		P1900143	07/25/2019	US BANK	PHIP CONF AND NOEL FLIGHT	728.30

**COMMITTEE REVIEW REPORT
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FOR THE MONTH OF JULY 2019

Account Number	Account Name	PO#	Check Date	Vendor Name	Description	Inv/Enc Amt
31-3026-0000-64900	OTHER SUPPL/EXP					
		P1901795	07/11/2019	MMPR POWERED BY HALO	LARGE 4172 NBADGER MENS TONAL	2,706.25
31-3026-0000-67120	CAP ASSETS					
		P1901690	07/11/2019	JNB SIGNS INC	PERMIT ESTIMATE COST NOT TO	4,743.13
PREPAREDNESS GRANT PROG TOTAL						8,939.78
31-3036-2018-63110	ADMIN.EXPENSE					
		P1900143	07/25/2019	US BANK	PREVENTION PURCHASE	163.21
		P1901702	07/11/2019	MMPR POWERED BY HALO	FREIGHT	431.25
		P1901801	07/11/2019	MMPR POWERED BY HALO	FREIGHT	204.00
		P1901802	07/11/2019	MMPR POWERED BY HALO	FREIGHT	680.00
		P1901803	07/11/2019	MMPR POWERED BY HALO	FREIGHT CHARGES	559.00
		P1901804	07/11/2019	MMPR POWERED BY HALO	FREIGHT	550.00
COMMUNICABLE DISEASE PREVENT PROG TOTAL						2,587.46
31-3041-0000-63110	ADMIN.EXPENSE					
		P1900143	07/25/2019	US BANK	AMANDA FOOD CONFERENCE	608.96
FOOD SAFETY TRAINING PROG TOTAL						608.96
31-3042-2019-63110	ADMIN.EXPENSE					
		P1900143	07/25/2019	US BANK	ADRIJANA HOTEL CHRONIC DISEASE	94.71
		P1901800	07/11/2019	MMPR POWERED BY HALO	FREIGHT	370.00
		P1901806	07/11/2019	MMPR POWERED BY HALO	FREIGHT CHARGE	618.50
CHRONIC DISEASE PREVENTION PROG TOTAL						1,083.21

ROCK COUNTY

COMMITTEE REVIEW REPORT
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07/25/2019

<u>Account Number</u>	<u>Account Name</u>	<u>PO#</u>	<u>Check Date</u>	<u>Vendor Name</u>	<u>Description</u>	<u>Inv/Enc Amt</u>
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I have reviewed the preceding payments in the total amount of **\$29,983.11**

Date: Dept Head _____

Committee Chair _____