



MINUTES OF BOARD OF HEALTH MEETING

March 7, 2018

Call to Order: Meeting was called to order by Chair Kraft at 6:03 p.m.

Board of Health Members Present: Chair Kraft, Supervisor Peer, Supervisor Bostwick, Ms. Wade, Dr. Winter, Dr. Somaraju and Dr. Meyers, Supervisor Bostwick, Mr. Gresens, and Supervisor Garrett.

Board of Health Members Absent: none

Staff Members Present: Marie-Noel Sandoval – Health Officer; Rick Wietersen – Environmental Health Director; Michelle Bailey – Nursing Supervisor; Janis Baumann – Environmental Health Specialist; Hillary Harrie – Public Health Nurse; Olga Myers – Public Health Nurse; and Carol McComb – Public Health Support Staff.

Others Present: Russ Podzilni – Rock County Board Supervisor, Michelle Genthe – Rock/Walworth Comprehensive Family Services (RWCFS) Head Start

Adopt Agenda

Dr. Winter made a motion to adopt the agenda. Supervisor Bostwick seconded the motion. MOTION APPROVED.

Approval of Minutes – 2/7/18

Ms. Wade made a motion to approve the minutes of the 2/7/18 Board of Health meeting. Supervisor Peer seconded the motion. MOTION APPROVED.

Citizen Participation

Supervisor Russ Podzilni is from the Rock County Board of Supervisors.
Michelle Genthe is from RWCFS Head Start.
The Board welcomed them to the meeting.

New Business

Administrative Division

Review of Payments

The Board reviewed the Health Department's February payments in the amount of \$7,715.98 and the list of 2017 bills – 2 invoices missed - in the amount of \$34.76.

Transfer of Funds over \$5,000

Transfer Request # 17-227 in the amount of \$11,127.00 from Acct# 31-30000000-61100 to Acct# 31-30000000-65321. This is to cover for rent on the building.

Transfer Request# 17-228 in the amount of \$6,182.00 from Acct# 31-00000000-46205 to Acct# 31-30000000-67161. This is to cover for a vaccine refrigerator failure that required replacement.

Mr. Gresens made a motion to approve the transfer and carryover of funds. Ms. Wade seconded the motion. MOTION APPROVED.

Health Department Report

In the News

Ms. Sandoval reported that Rick Wietersen and Tom Sweeney, with Land Conservation, conducted an Ag Matters podcast. It is posted on the Public Health Department website under Transient Wells.

Surveillance

Ms. Sandoval reported that the flu season has appeared to have reached its peak. A Respiratory Virus Surveillance Report for the week ending February 24, 2018 was handed out. There was also a suspect active Tb case. Dr. Meyer asked if it was travel related and Ms. Sandoval stated they are from a foreign country.

Ms. Sandoval stated that the environmental health division has been doing water surface sampling.

Community Events/Outreach

Mr. Wietersen stated that they are almost done with the lead testing in the schools. The Janesville school district has hired a company to do follow-up testing at their schools. Of the samples that have come back high for lead those sources have been deactivated. The Public Health Department may do more sampling after modifications are complete.

Mr. Wietersen stated that the Nitrate Work Group is moving along and selected to work on how to do best management practices at Sportsman's Park. The second area would potentially be in the southeast corner of Rock County.

Ms. Sandoval discussed the ACEs training that was presented to the Public Health Department staff at their February All Staff meeting.

Ms. Sandoval stated that the Public Health department completed their fit testing and all staff are up to date.

Budget

Ms. Sandoval is requesting a rollover of \$14,851 via resolution. Chair Kraft added that this is a routine process county-wide at this time of year.

Ms. Sandoval stated that the 2017 end of year budget is looking good. Corrections and transfers are in process

Personnel

Ms. Sandoval stated that the Epidemiologist position has been filled. Nicholas Zupan has accepted the position and will join our team on Monday, March 26, 2018.

The Public Health Nursing Supervisor, for the Beloit Office has also been filled. Judy Sengstock has accepted the position and she will be joining the team on Monday, March 26, 2018 as well.

A Public Health Support Specialist (PHSS) position has become vacant since Terri Graham retired on March 1, 2018. The interviews for that position will begin next week.

The Administrative Services Supervisor, Jessica Turner, will be returning from her maternity leave next Monday and the Health Educator Coordinator, Kelly Klingensmith, is out on bonding leave with 2 new babies.

Resolution – Carryover of 2017 Budget Appropriations to 2018

NOW, THEREFORE, BE IT RESOLVED, by the Rock County Board of Supervisors duly assembled this 7th day of March, 2018 that the Board of Health budge be amended as follows:

<u>Account</u>	<u>BUDGET AT 1/1/18</u>	<u>AMOUNT OF INCREASE</u>	<u>AMENDED BUDGET</u>
31-3000-0000-67160	\$ 0	\$ 4,861	\$ 4,861
Capital Assets \$500-\$4999			
31-3000-0000-62210	16,000	4,080	20,080
Telephone			
31-3000-0000-62491	4,238	1,320	5,558
Software Maintenance			
31-3000-0000-63104	6,000	4,590	10,590

Dr. Winters made a motion to approve the carryover of the 2017 budget appropriations to 2018. Supervisor Bostwick seconded the motion. MOTION APPROVED.

Influenza in Rock County

Hillary Harrie and Olga Myers did a PowerPoint presentation on influenza in Rock County (see attached). Handouts were provided.

Some highlights were:

Rock County is averaging less confirmed cases that the State of Wisconsin so far. The normal peak is January – February. There were 83 cases of flu that required hospitalization. The 65 year old age range are doing well on

getting vaccinated. It is the younger age range 5 years old to 40 years old group that are not. The younger age group has nationally experienced some deaths.

Winter Surface Water Sampling in Rock County

Rick Wietersen and Janis Baumann presented a PowerPoint presentation on winter surface water sampling in Rock County (see attached).

Some highlights were:

Since the winters in Wisconsin have been becoming less severe, people have been getting out on the water earlier in the season. There are 23 surface water sample sites in Rock County with 8 being during the winter.

Three (3) sample areas are high in nitrates: Spring Brook, Carver-Roehl and Bass Creek

E-coli was been detected in Badfish Creek and the Yahara River possibly due to a sewage treatment plant. They do not disinfect during the months of October through April, possibly due to presumed limited recreation activities during these months.

Communications and Announcements

Mr. Gresens announced that the Edgerton Pharmacy is moving into their new building next week located about 3 blocks north of Piggly Wiggly. The grand opening will be next week. They will have a huge focus on wellness. Invited everyone to stop by and see the new facility.

Chair Kraft graciously thanked the Board of Health and Public Health Department for the many years of serving the citizens of Rock County. She stated she was very grateful and humble in being able to serve Rock County. She has served the citizens of Rock County for 32 years and 18 of those years were with the County Board. Chair Kraft has been instrumental in many projects for the Public Health Department and Rock County, some including the Rx Drop Off locations and Low Cost Rabies Clinics. She has been a wonderful advocate for the wellbeing of Rock County citizens and has helped make it a better place to live in. She will surely be missed and definitely not forgotten.

Adjournment

Mr. Gresens made a motion to adjourn the meeting. Ms. Wade seconded the motion. MOTION APPROVED. Meeting adjourned at 7:20 p.m.

Respectfully Submitted,

Carol McComb, Recorder
Not Official Until Approved by the Board of Health

Influenza in Rock County

Hillary Harrie & Olga Myers
Rock County Public Health Department
3/7/2018



Influenza Basics

- Contagious respiratory illness caused by influenza viruses that infect the nose, throat, and sometimes the lungs
- Symptoms: fever, cough, sore throat, runny or stuffy nose, body aches, headaches, fatigue
- Spread by tiny droplets made when people with flu cough, sneeze, or talk
- Period of contagiousness begins 1 day before symptoms develop and up to 5 to 7 days after becoming sick
- Incubation period is about 1 to 4 days, with an average of about 2 days
- CDC recommends a yearly flu vaccine as the first and most important step in protecting against flu viruses



Source: CDC.gov (2018)

Influenza Vaccines

- Pediatric dose 6 mo - 3 years
- Standard dose 3 years and older
- High dose 65 years and older
- Flublock 18 and older

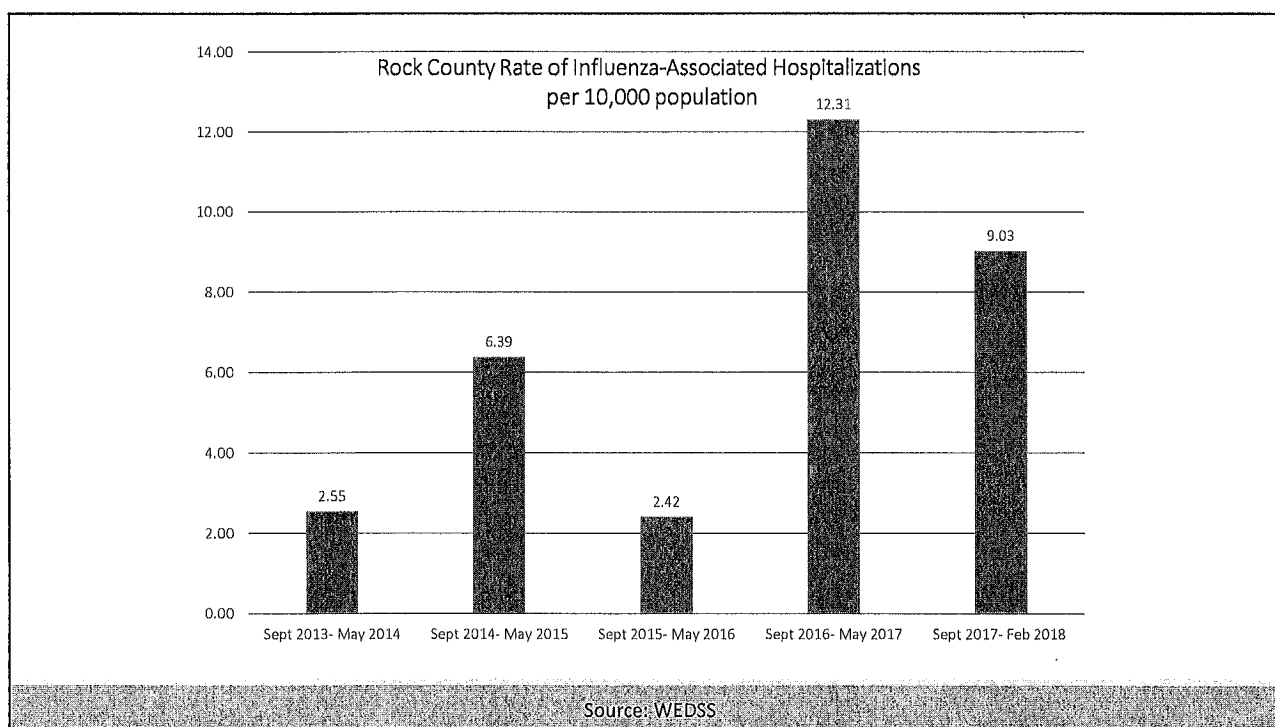
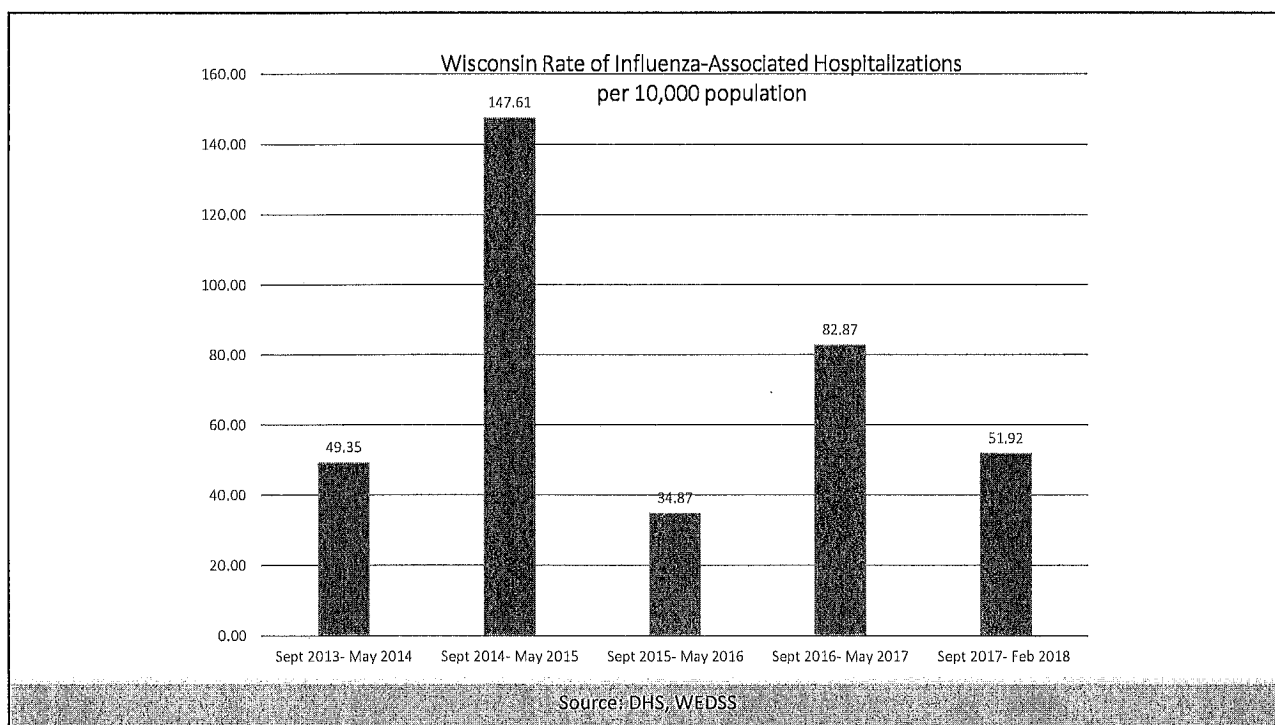


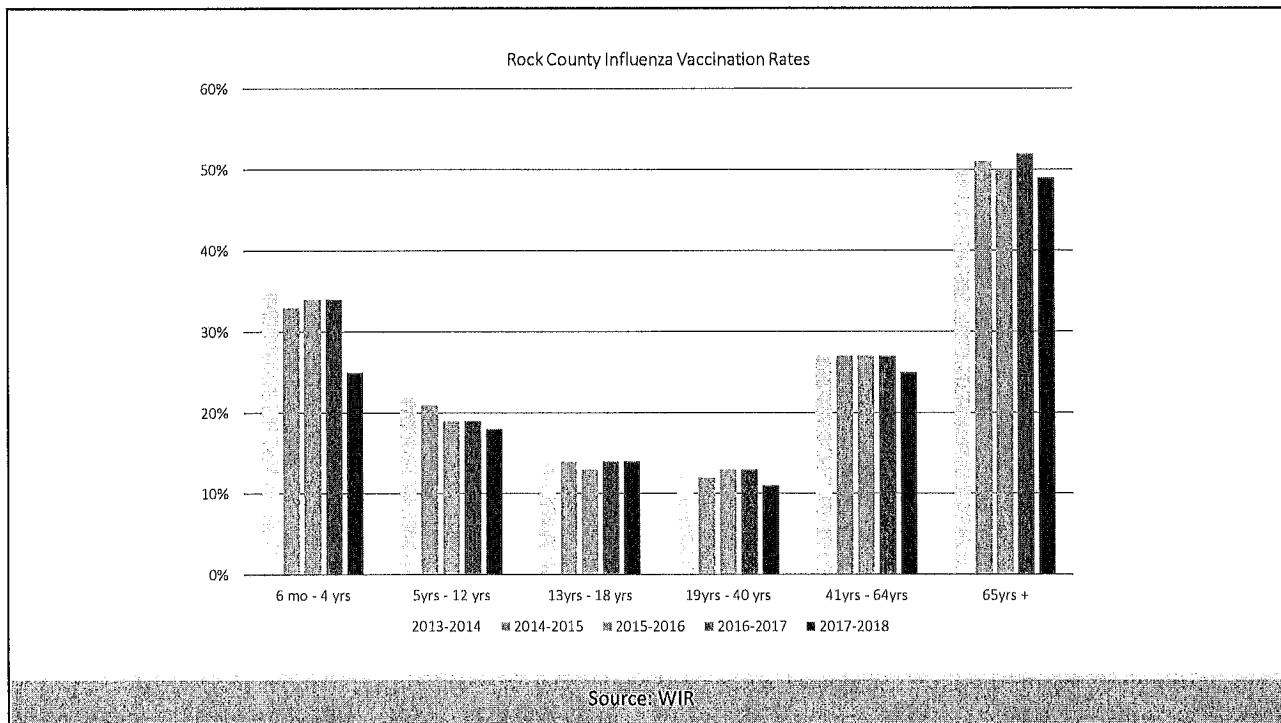
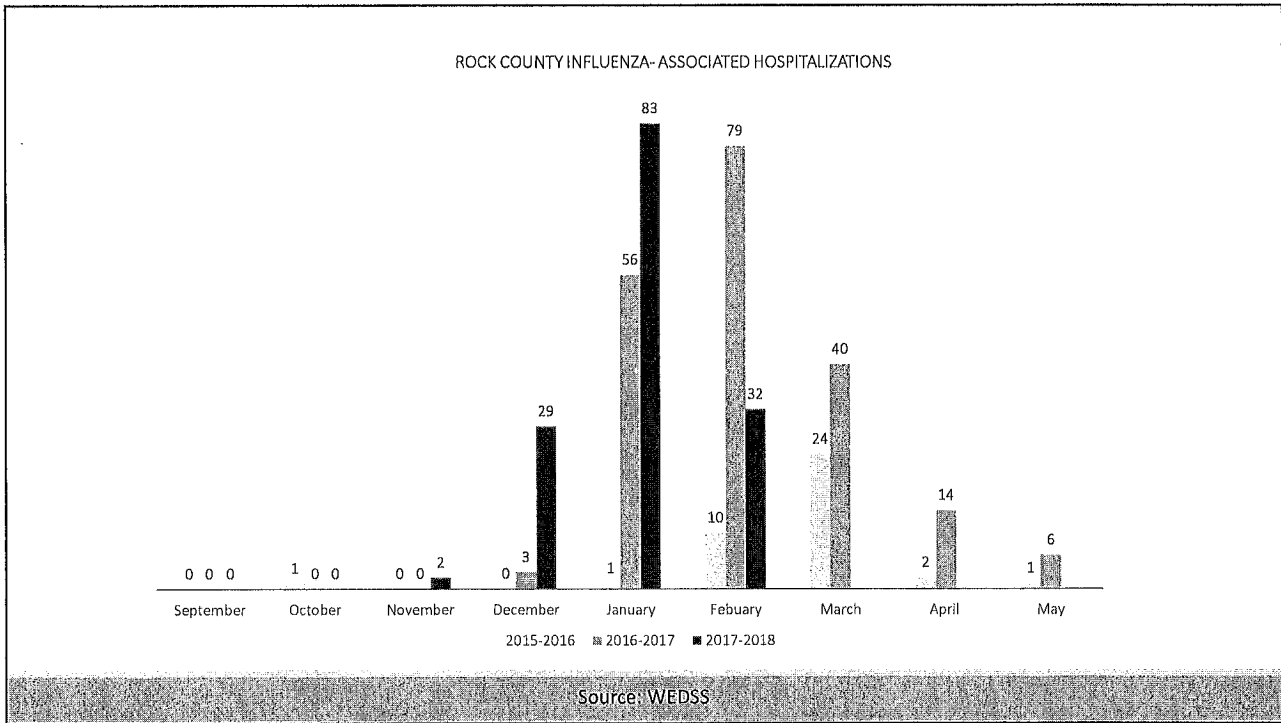
Surveillance

- Weekly influenza report
- LTCF- outbreaks
- Wisconsin Electronic Disease Surveillance System (WEDSS)
 - Confirmed: A patient who is hospitalized (>24 hours) AND has confirmed influenza A or B with one of the following laboratory tests: RT-PCR, DFA, or culture.
 - Probable: A patient who is hospitalized (>24 hours) AND has a rapid influenza test that is positive for type A, type B, or undifferentiated influenza.



Source: DHS





Thank You

Hillary Harrie and Olga Myers
Public Health Nurses

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Janesville, Wisconsin 53547-1088

hillary.harrie@co.rock.wi.us olga.myers@co.rock.wi.us
608-757-5440





Winter Surface Water Sampling in Rock County

Rick Wietersen, Rock County Public Health Department

3/7/2018

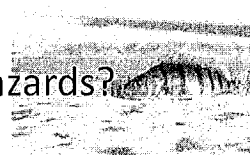


Why Do We Sample in the Winter?

- To establish base-flow conditions
 - - Should represent the highest water quality conditions
 - - We can compare winter to summer conditions
- No monitoring is conducted October until May
 - - Off-season recreation is increasing
 - - We are experiencing milder season

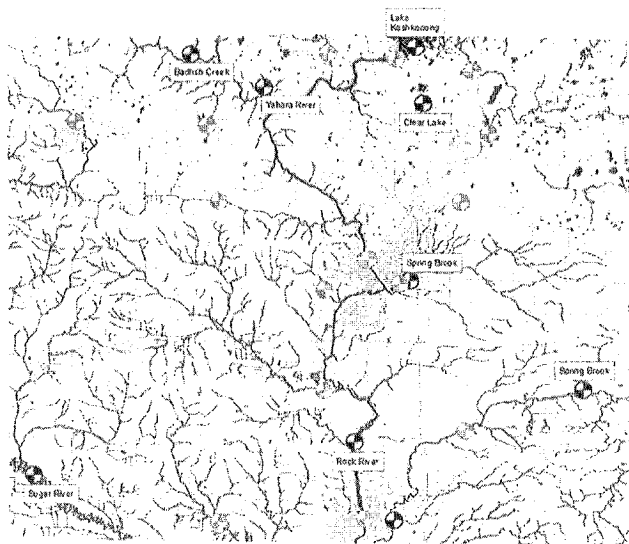


- Maybe there are unknown winter health hazards?



Surface Water Sampling Locations

- Winter & Summer Sites
- Summer Sites
- Future 2018 Site



What do we sample for?

E. Coli Bacteria – Indicator of potential public health issues

Nitrates – indicator of interactions with groundwater

Conductivity – indicator of potential contaminants such as salt

Temperature – can affect biological conditions

Water Stage Levels – used for comparing data over varied flow conditions

pH – changes in pH could indicate chemical changes

Transparency – clarity can correlate to biological conditions

Blue- Algae – Presence is a possible immediate health concern to people and pets



Nitrates



Conductivity



E. Coli



E. Coli Summer vs Winter 3 year averages



NR 210.06 Sewage Treatment Disinfection

* Disinfection shall be required of dischargers subject to the provisions of this chapter when..... the discharge of wastewater poses a risk to human and animal health.

- Required From May 1 through September 30 annually to protect recreational uses.
- When disinfection is required discharge must be below 400 cfu fecal units

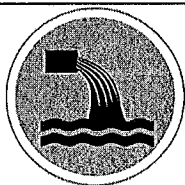


NR 210.06 Sewage Treatment Disinfection (Cont.)

* Disinfection shall be required of dischargers subject to the provisions of this chapter when..... the discharge of wastewater poses a risk to human and animal health.

- Required From May 1 through September 30 annually to protect recreational uses.
- (Disinfection often not required October thru April)
- When disinfection is required discharge must be below 400 cfu fecal units



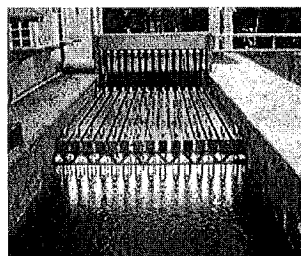


Wastewater Characteristics

*** Raw Wastewater = 10 million cfu of fecal bacteria per 100 ml**

*** Treated (not Disinfected) wastewater = 10,000 cfu/100 ml**

*** Disinfected Wastewater = Permits allow
up to 400 cfu/100ml**



Note: Rock County closes beaches at 1000 cfu and issues advisories at 235 cfu/100ml

NR 210.06 Sewage Treatment Disinfection

*** A permittee subject to this chapter shall at the time of application for a WPDES permit provide information identified in this subsection which the department shall use in the determination of the need for effluent disinfection. The following information shall be used in identifying risks to human and animal health:**

.....Proximity of the wastewater outfall to swimming beaches and other waters which have a high level of human contact recreational activities.

.....Quality of the wastewater being discharged.

..... Dilution and mixing characteristics of the wastewater with the receiving water.

.....Bacterial indicator organism levels or sanitary survey results from sampling conducted in the vicinity of the wastewater outfall and near the sites used for recreational purposes



What Rock County Wastewater Facilities Discharge into Our Waters?

Rock County Facilities

- - ____ Facilities discharge aprox. ____ millions gallons per day

- Rock River – Janesville, Town of Beloit, Beloit
- Saunders Creek – Edgerton
- Otter Creek – Milton
- Swan Creek – Orfordville
- Bass Creek – Footville, Hanover
- Spring Creek – Clinton



- (Note: Evansville Discharges to Groundwater seepage beds)



What Communities Outside Rock County Discharge Wastewater into Our Waters?

Madison Metropolitan Sewage District

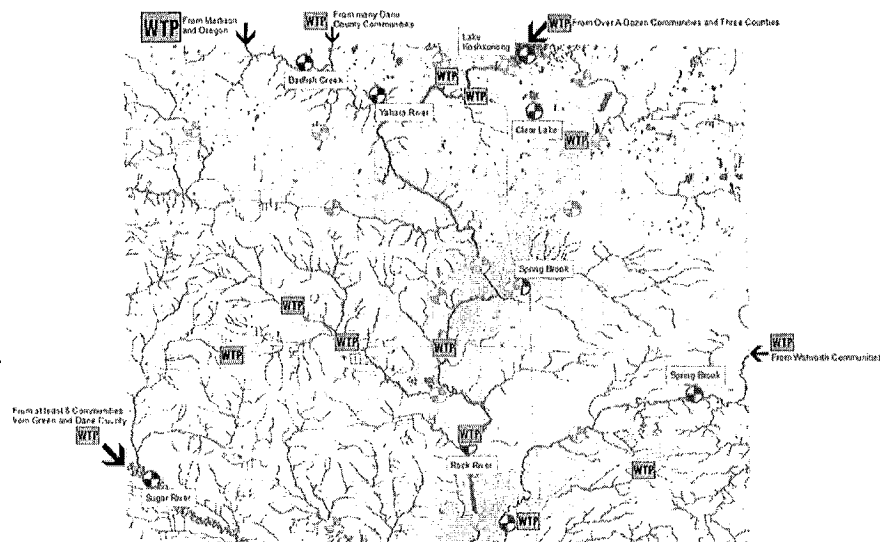
- Discharges aprox ____ million gallons per day (most into Badfish Creek)

Other Communities discharging into our waters

- Rock River - Jefferson, Whitewater, Fort Atkinson, Sun Prairie, Deerfield, Cambridge
- Sugar River - Brodhead, Albany, Brooklyn, Belleville, Madison, Mt, Horeb, Monticello, Verona, New Glarus
- Badfish Creek – Oregon and Madison
- Yahara River – Stoughton, McFarland, Madison and several communities north of Madison
- Turtle Creek – Sharon, Darien, Delevan



Location Of Wastewater Treatment Facilities



NINO's WWTP and FLOW DATA



Where do we go from here?

- Continue to collect surface water data and build database
- Collect info on Wastewater Discharge permit criteria
 - What months are they not disinfecting?
- Collect information on receiving streams
 - Average water flow vs wastewater discharge
 - Identify streams and rivers most at risk and when
- Issue Water Quality Advisories and Conduct Public Education
 - Consider signage to indicate potential water quality issues during fall/winter/spring months
- Work with DNR during WPEDES permit renewal periods
 - Provide data for their evaluations of disinfection criteria

