

**MINUTES OF BOARD OF HEALTH MEETING**  
**December 02, 2015**

Meeting was called to order by Supervisor Peer at 6:00 p.m.

Board of Health Members Present: Supervisor Peer, Supervisor Bostwick (left at 7pm), Supervisor Addie, Dr. Peterson, Dr. Konkol, Mr. Gresens, and Ms. Wade.

Board of Health Members Absent: Chair Kraft and Dr. Winter.

Staff Members Present: Marie-Noel Sandoval – Health Officer; Timothy Banwell – Environmental Health Director; Deborah Erickson – Acting Public Health Nursing Director; Sancee Siebold – Nursing Supervisor South Office; Jessica Riedlinger – Administrative Secretary; Geri Waugh – Account Clerk; and Ann Klesic – Public Health Nurse.

Others Present: None at this time.

**Adopt Agenda**

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

**Approval of Minutes 10/27/15**

Supervisor Addie made a motion to approve the minutes of the 10/27/15 Board of Health meeting. Mr. Gresens seconded the motion. MOTION APPROVED.

**Citizen Participation**

None at this time.

**Unfinished Business**

None at this time.

**New Business**

**Administrative Division**

**Approval of Bills**

Dr. Peterson made a motion to approve the Health Department's bills for the month of November, 2015 in the amount of \$34,308.43. Supervisor Addie seconded the motion. MOTION APPROVED.

**Transfer of Funds**

Transfer \$5,129 from #61610 Health Dept Health Insurance to #67161 Health Capital Assets \$5,000+  
Transfer \$20,000 from #61100 Health Dept Regular Wages to #64000 Health Dept Medical Supplies

The Health Department has had several staff vacancies in 2015, making these funds available for these two transfers of funds. #67171: The county administrator approved the purchase of a multi-function copier/fax out of 2015 funds rather than for the 2016 Budget. #64000: There has been a large demand for the prevnar-13 vaccine from our age 65 and over citizens. We have had to order quite a few doses of this vaccine this fall to meet the demand; the transfer of funds is needed to pay the vaccine invoices. Dr. Peterson made a motion to approve the transfer of funds. Supervisor Addie seconded the motion. MOTION APPROVED.

### **Encumbrances**

Dr. Peterson made a motion and Supervisor Addie seconded the motion to approve the increase in the amount of \$2,660 to the Consolidated Contracts Administrative Expense. The Health Department's Health Educator was awarded a scholarship to attend a national Preparedness conference in California. This amendment is for the conference expenses (registration, air fare, lodging, etc.). MOTION APPROVED.

### **Health Department Report**

Ms. Sandoval stated that the Health Department grants and contracts have been negotiated, accepted, and sent for signatures.

The strategic planning process continues with focus on three major areas: Healthy and Safe Behaviors, Healthy and Safe Homes, and Healthy and Safe Communities. The next step is to brainstorm goals and objectives. The purpose of the planning is to create positive outcomes through a more organized workforce.

Ms. Sandoval expressed a need for additional equipment and staffing. The Health Department is in need of a Community Health Education Coordinator. This position would require marketing skills to help the Health Department better serve the community. Ms. Sandoval provided a copy of a possible job description for this position. The need is based on three areas that are currently lacking: Community Improvement, Programmatic Skills, and Communication. The position would be data driven and the ideal candidate would hold a Master's in Public Health. This position would not have an impact on the budget as there are currently open positions within the Health Department. This position would help provide cohesiveness to the Health Department as a whole. Many grants now require more health education as Health Departments statewide and nationwide are moving to a population model rather than focusing on individuals. Ms. Sandoval stated that our Health Department needs to be able to accommodate this change. Ms. Sandoval requested feedback and input from the board members on this possible position. She would like to move forward in 2016 if this position is approved and accepted. She also indicated that in the future she would also like to add an epidemiologist to the staff. Dr. Konkol stated that he would like to see the Health Department become the bridge between health systems and other health organizations to get everyone working together to improve the population's health.

Ms. Wade asked for an update on the 2016 budget. Ms. Sandoval stated that it is the same as the 2015 budget with the usage of 2015 funds for additional 2016 expenditures.

### **Resolution – Recognizing Ann Klesic for Service to Rock County**

Ms. Erickson spoke about Ann Klesic's 34 years of service to Rock County. She thanked Ann for her many years of service to the Health Department. Ann was given a standing ovation by the Board and attending staff members. Dr. Peterson made motion to approve the Resolution. Supervisor Bostwick seconded the motion. MOTION APPROVED.

## Public Health Nursing

### Sudden Unexpected Infant Death Report

Deb Erickson, Acting Public Health Nursing Director did a PowerPoint presentation for the Board members on Sudden Unexpected Infant Death.

Sudden Unexpected Infant Death (SUID) is a death that occurs suddenly and unexpectedly to a child younger than age 1 and whose cause of death is not immediately known.

Top three causes:

- Accidental suffocation and strangulation in bed
- SIDS
- Unknown

Triple Risk Model highlights a series of events that place an infant at risk:

- Vulnerable infant (born before 27 weeks of gestation or an infant with an abnormality)
- Critical period of development (2-4 months of age)
- External challenges (exposure to secondhand smoke, infections).

2013 Wisconsin findings:

- 414 infant deaths and 56 (14 percent) were SUID cases
- Majority of SUID (55 of 56) were in a sleep environment
- Majority of SUID (50 of 56) occurred at least one month of age compared to the majority of all Wisconsin infants who died were younger than one month of age
- 43 percent of mothers who experienced a SUID were non-Hispanic Black, 46 percent were non-Hispanic White, 7 percent were multiracial, 4 percent were Asian, 5 percent were Hispanic
- Impacts mother of all ages, range 19-44, mean=27 years
- 18 percent have less than high school education, 15 percent have a college degree

Top 10 Evidence-based safe sleep recommendations:

1. Back to sleep for every sleep, including naps
  - 22 percent of SUID infants were not placed on their back to sleep at the time of the incident
2. Use a firm sleep surface
  - 76 percent of SUID infants were not placed on a firm surface
  - 58 percent of SUID infants were sleeping in an adult bed
  - For infants who were not sleeping in a crib or bassinet at the time of death, 72 percent had a crib or bassinet in the home
  - 22 percent of SUID infants were placed on a firm sleep surface
3. Room-sharing without bed-sharing is recommended
  - 62 percent of SUID infants were sharing a sleep surface with an adult, child, or animal at the time of incident
  - Only 9 percent were room-sharing without bed-sharing
4. Keep soft objects and loose bedding out of the crib
  - 87 percent of SUID infants had soft objects or loose bedding in their sleep environment, most commonly comforters, blankets and pillows
5. Pregnant women should receive regular prenatal care

- 16 percent received between 1 and 5 prenatal visits (Regular=6 visits)
- Prenatal care status was unknown in 18 percent
- 63 percent received regular prenatal care
- 6. Avoid smoke exposure during pregnancy and after birth
  - 53 percent of infants were exposed to secondhand smoke after birth
  - 43 percent of women who experienced a SUID death smoked before pregnancy and 45 percent smoked at least once during pregnancy
- 7. Avoid alcohol and illicit drug use during pregnancy and after birth
  - In 9 percent of SUID deaths, a death scene investigator noted the caregiver was under the influence of drugs or alcohol at the time of the incident. It is unknown whether the alcohol or drug use was a causal or contributing factor.
- 8. Breastfeeding is recommended
  - 32 percent of SUID infants were never breastfed and 82 percent had formula as their last meal
- 9. Consider offering a pacifier at nap and bed times
  - 83 percent of SUID infants were not using a pacifier at the time of the incident
- 10. Avoid overheating
  - Overheating was not listed as a risk factor on any of the SUID death certificates

98 percent of SUID cases had more than one of the risk factors while 86 percent had at least three risk factors. One-third of SUID cases were preterm.

What can we do?

Policy:

- Promote and advocate for statewide public health prevention strategies to reduce SUIDs
- Require child care facilities to follow the AAP recommendations for infant safe sleep and create licensing policies that include safe sleep requirements
- Improve prenatal care coordination and home visiting programs that increase access to prenatal care to reduce prematurity and discuss safe sleep
- Standardize definitions and categorizations of SUID cases and death scene investigation
- Enhance state and local fetal, infant, child and maternal death review systems

Institutions:

- Ensure all birthing and pediatric hospitals have a safe sleep policy that models the AAP recommendations and provides education to staff and caregivers
- Develop and implement community-based culturally-appropriate interventions and strategies among groups most affected by SUID
- Re-emphasize the back-to-sleep message
- Disseminate tool kits for policy, practice guidelines and mandatory staff trainings on modeling safe sleep to hospitals and child care facilities
- Promote smoke-free multi-unit housing and apartment buildings
- Prioritize pregnant women for substance abuse and mental health services

Community:

- Actively engage and collaborate with diverse community members in development of culturally-appropriate and informed safe sleep messages
- Collaborate with breastfeeding coalitions to build consensus on strategies that promote both breastfeeding and safe sleep
- Explore alternatives to the traditional Pack 'n Play used by crib distribution programs

- Conduct trainings and ensure community-wide access to a variety of educational resources on infant safe sleep. Target a diverse group of professionals and community members including: Clergy, parenting groups, senior centers and YMCA

Acknowledgments:

- Children’s Health Alliance of Wisconsin in partnership with the Wisconsin Department of Health Services, Maternal and Child Health, Title V Program
- Data collected for the Center of Disease and Control and Prevention Sudden Unexplained Infant Death Case Registry
- Funding for the report, UW-Madison School of Medicine and Public Health, Wisconsin Partnership Program, Preserving Infant and Child Health grant
- Developed in partnership between the Injury Research Center at the Medical College of Wisconsin, City of Milwaukee Health Department, Zilber School of Public Health at UW-Milwaukee, Public Health Madison-Dane County, the Alliance and DHS

**Environmental Health**

**Rock County Ground Water Quality**

Timothy Banwell, Environmental Health Director did a PowerPoint presentation for the Board members on Rock County’s Ground Water Quality.

Establishing a Foundation for an Educational Online Drinking Water Nitrate Risk Tracking Tool:

- Identifying & Quantifying Nitrate Sources
- Identify Geologic Features Influencing Nitrates in Groundwater
- Combine RCHD & UW-Stevens Point Well Water Databases
- Educate Well Users Based on Data, Nitrate Sources & Geology

There are high levels of Atrazine in Rock County.

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.

Land cover categories in Rock County include pasture/grass, corn, soybeans, alfalfa, winter wheat, oats, woodland, wetlands, urban/developed, water, and more

Natures Ridge Case Study

- Neighborhood Well Testing
- >50% wells unsafe
- 11 wells E.coli+
- Potential sources:
  - River water interactions
  - Sink holes/karst-type formations..... manure?
  - Poor Well Design
  - Mound Septic Systems

Mr. Banwell showed the placement of Beloit area Private Onsite Wastewater Treatment Systems and how they affect ground water quality in Rock County.

**Communications and Announcements**

Supervisor Peer announced that public hearings are being held for the expansion of Alliant Energy. The next meeting is 1/5/16 at 4 pm at the Beloit Library.

Supervisor Peer also invited everyone to attend the 17<sup>th</sup> Annual Children's Christmas Benefit Dinner that is to be held 12/5/15 at 6 pm at the Orfordville American Legion.

**Adjournment**

Supervisor Addie made a motion to adjourn the meeting. Mr. Gresens seconded the motion. MOTION APPROVED. Meeting adjourned at 7:22 p.m.

Respectfully submitted,

Jessica Riedlinger, Recorder

Not Official Until Approved by the Board of Health