

ROCK COUNTY BOARD OF HEALTH
WEDNESDAY, JANUARY 6, 2016 – 6:00 P.M.
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 – December 2, 2015
4. Citizen Participation
5. Unfinished Business
6. New Business
 - A. Administrative Division
 - (1) Approval of Bills/Transfer of Funds/Encumbrances
 - (2) Health Department Report
 - (3) Resolution – To Create the Position of Community Health Education Coordinator, Create a Class Description, Establish a Pay Range, and Amend the 2016 Budget
 - (4) Resolution – Accepting Taking Action with Data: Use of the Environmental County Health Profiles to Improve Environmental Health in a Community Grant and Amending the 2016 Rock County Public Health Department Budget
 - B. Environmental Health
 - (1) Rock County Public Health Department Drinking Water Lab
 - C. Public Health Nursing
 - (1) Nursing Division Presentation
7. Communications and Announcements
8. Adjournment

If you are unable to attend the Board of Health meeting, **please** contact the Public Health Department (757-5440) or Ms. Kraft at (608) 751-6249. Thank you.

ROCK COUNTY HEALTH DEPARTMENT
LIST OF BILLS FOR 1/6/16 BOARD OF HEALTH MEETING

<u>Account No.</u>	<u>Vendor Name</u>	<u>Item(s) Description</u>	<u>\$ Amount</u>
<u>Consolidated Contracts – Preparedness Grant</u>			
31-3001-0000-63110	Lands End Business Outfitters	shirts for RCHD staff with RCHD logo	1,698.00
<u>FIMR Grant</u>			
31-3031-0000-63110	Daniels Sentry	refreshments for 12/16/15 AASAT meeting	17.77
<u>Health Dept. Main Budget</u>			
62119	LB Med Waste	sharps & medwaste disposal	79.96
63100	Henricksen	varidesk adjustable desk top	468.26
63200	Matthew Wesson	reimburse for Registered Sanitarian license renewal	107.00
64000	PaxVax	30 doses oral typhoid vaccine	1,290.00
64010	Culligan	December 2015 deionizer rent	35.00
64604	POC Network Technologies	November 2015 claim transaction fees	96.00
64904	Control Company	calibration of 2 vaccine storage digital thermometers	77.00
67161	Rhyme	Sharp multi-function copier with fax	5,129.00

Account Number	Account Name	PO#	Inv Date	Vendor Name	Inv/Enc Amt
31-3000-0000-62119	OTHER SERVICES	P1500207	11/18/2015	LB MEDWASTE SERVICES	79.96
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	3,500.00	2,109.45	900.00	79.96	410.59
31-3000-0000-63100	OFC SUPP & EXP	P1503590	11/20/2015	HENRICKSEN	468.26
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	10,500.00	8,668.20	0.00	468.26	1,363.54
31-3000-0000-63200	PUBL/SUBCR/DUES		11/16/2015	WESSON,MATTHEW	107.00
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	5,888.00	3,910.75	150.00	107.00	1,720.25
31-3000-0000-64000	MEDICAL SUPPLIES	P1500194	12/03/2015	PAXVAX INC	1,290.00
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	145,000.00	114,111.13	3,229.85	1,290.00	26,369.02
31-3000-0000-64010	LAB SUPPLIES	P1500202	11/27/2015	CULLIGAN WATER CONDITIONING IN	35.00
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	12,500.00	10,366.54	0.00	35.00	2,098.46
31-3000-0000-64604	PROGRAM EXPENSE	P1500208	11/30/2015	POC NETWORK TECHNOLOGIES INC	96.00
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	1,500.00	1,402.00	0.00	96.00	2.00
31-3000-0000-64904	SUNDRY EXPENSE	P1503634	12/01/2015	CONTROL COMPANY	77.00
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	5,000.00	3,132.15	200.96	77.00	1,589.89
31-3000-0000-67161	CA \$5,000/MORE	P1503607	12/11/2015	RHYME BUSINESS PRODUCTS	5,129.00
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	5,129.00	0.00	0.00	5,129.00	0.00
HEALTH DEPARTMENT PROG TOTAL				7,282.22	
31-3001-0000-63110	ADMIN.EXPENSE	P1503649	12/02/2015	LANDS END BUSINESS OUTFITTERS	1,698.00

Account Number	Account Name	PO#	Inv Date	Vendor Name	Inv/Enc Amt	
	Budget		YTD Exp	YTD Enc	Pending	Closing Balance
	371,132.00		238,329.74	1,334.81	1,698.00	129,769.45
CONSOLIDATED BD HEALTH GRANTS PROG TOTAL					1,698.00	
31-3031-0000-63110	ADMIN.EXPENSE					
		P1500198	12/16/2015	DANIELS SENTRY		17.77
	Budget		YTD Exp	YTD Enc	Pending	Closing Balance
	150,000.00		83,597.17	5,569.00	17.77	60,816.06
FETAL INFANT MORTALITY GRANT PROG TOTAL					17.77	

I have examined the preceding bills and encumbrances in the total amount of **\$8,997.99**

Claims covering the items are proper and have been previously funded. These items are to be treated as follows:

- A. Bills and encumbrances over \$10,000 referred to the Finance Committee and County Board.
- B. Bills under \$10,000 to be paid.
- C. Encumbrances under \$10,000 to be paid upon acceptance by the Department Head.

Date: **JAN 06 2016**

Dept Head _____

Committee Chair _____

Pre-Approved Encumbrances

Account Number	Account Name	PO#	Inv Date	Vendor Name	Inv/Enc Amt
31-3000-0000-63100 ENC	OFC SUPP & EXP	R1600402	01/01/2016	JP MORGAN CHASE BANK NA	5,000.00
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	8,000.00	0.00	0.00	5,000.00	3,000.00
31-3000-0000-63101 ENC	POSTAGE	R1600400	01/01/2016	UNITED PARCEL SERVICE	2,000.00
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	12,000.00	0.00	0.00	2,000.00	10,000.00
31-3000-0000-63200 ENC	PUBL/SUBCR/DUES	R1600402	01/01/2016	JP MORGAN CHASE BANK NA	2,000.00
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	5,888.00	0.00	0.00	2,000.00	3,888.00
31-3000-0000-64000 ENC	MEDICAL SUPPLIES	R1600398	01/01/2016	SANOFI PASTEUR INC	15,000.00
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	100,000.00	0.00	0.00	15,000.00	85,000.00
31-3000-0000-64200 ENC	TRAINING EXP	R1600402	01/01/2016	JP MORGAN CHASE BANK NA	6,000.00
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	7,000.00	0.00	0.00	6,000.00	1,000.00
HEALTH DEPARTMENT PROG TOTAL					30,000.00
31-3031-0000-63110 ENC	ADMIN.EXPENSE	R1600461	01/01/2016	KING CONSULTING	5,000.00
ENC		R1600761	01/01/2016	HARRIS,LATRIA S	90.00
ENC		R1600762	01/01/2016	ANDERSON,LAHOMA	90.00
ENC		R1600763	01/01/2016	STACKHOUSE,STACY	90.00
ENC		R1600764	01/01/2016	YOUNG,KEVIN	90.00
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	28,168.00	0.00	0.00	5,360.00	22,808.00
FETAL INFANT MORTALITY GRANT PROG TOTAL					5,360.00

COMMITTEE APPROVAL REPORT

Pre-Approved Encumbrances

Account Number	Account Name	PO#	Inv Date	Vendor Name	Inv/Enc Amt
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I have examined the preceding bills and encumbrances in the total amount of **\$35,360.00**

Claims covering the items are proper and have been previously funded. These items are to be treated as follows:

- A. Bills and encumbrances over \$10,000 referred to the Finance Committee and County Board.
- B. Bills under \$10,000 to be paid.
- C. Encumbrances under \$10,000 to be paid upon acceptance by the Department Head.

Date: **JAN 06 2016**

Dept Head _____

Committee Chair _____

RESOLUTION NO. _____

AGENDA NO. _____

**RESOLUTION
ROCK COUNTY BOARD OF SUPERVISORS**

Board of Health
INITIATED BY



Amy Spoden, Human Resource Manager
DRAFTED BY

County Board Staff Committee
SUBMITTED BY

December 1, 2015
DATE DRAFTED

**TO CREATE THE POSITION OF COMMUNITY HEALTH EDUCATION COORDINATOR,
CREATE A CLASS DESCRIPTION, ESTABLISH A PAY RANGE, AND AMEND THE 2016
BUDGET**

- 1 **WHEREAS**, the Rock County Health Department requests that a 1.0 FTE Public Health Nurse position be
- 2 deleted and a 1.0 FTE Community Health Education Coordinator position be created; and,
- 3
- 4 **WHEREAS**, this change will help the Rock County Health Department promote community health initiatives;
- 5 and,
- 6
- 7 **WHEREAS**, by promoting these initiatives, the Rock County Health Department can improve the level of
- 8 health knowledge and health behaviors of the community; and,
- 9
- 10 **NOW THEREFORE, BE IT RESOLVED**, that the Rock County Board of Supervisors assembled this _____
- 11 day of _____, 2016 hereby approves the deletion of 1.0 FTE Public Health Nurse, create the
- 12 position of a 1.0 Community Health Education Coordinator (Unilateral C), create the class description, and
- 13 establish Pay Range 22 (\$55,770.48-\$67,839.12) effective January 1, 2016.

Respectfully Submitted,

BOARD OF HEALTH

COUNTY BOARD STAFF COMMITTEE

Sandra Kraft, Chair

J. Russell Podzilni, Chair

Louis Peer, Vice Chair

Sandra Kraft, Vice Chair

Richard Bostwick

Eva Arnold

Greg Addie

Henry Brill

Dr. Dean Peterson, DVM

Betty Jo Bussie

Dr. Keith Konkol

Mary Mawhinney

Eric Gresens, RPh

Louis Peer

Judith Wade

Alan Sweeney

Connie Winters, DDS

Terry Thomas

FISCAL NOTE:

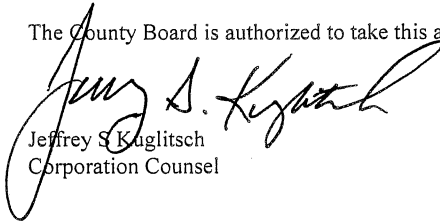
Sufficient funds are available in Health Department 2016 budget for the cost of this position.



Sherry Oja
Finance Director

LEGAL NOTE:

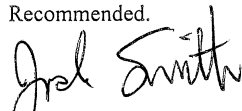
The County Board is authorized to take this action pursuant to sec. 59.22 (2), Wis. Stats.



Jeffrey S. Kuglitsch
Corporation Counsel

ADMINISTRATIVE NOTE:

Recommended.



Josh Smith
County Administrator

Community Health Education Coordinator Position Executive Summary

Reducing the leading causes of preventable death and disability, with special emphasis on underserved populations and health disparities – this mission is the perpetual “North Star” for local health departments (LHD). How LHDs achieve this mission has changed significantly over the past decade. Local Health Department focus has moved toward the reduction of providing personal health services and increased focus on emergency preparedness, epidemiology and surveillance, and primary prevention through education. Additionally, there is an increase in collaboration with other agencies and community partners. This new focus characterizes a new role for health departments as the “chief strategists” for a community. Health departments as chief strategists will lead communities’ health promotion efforts by catalyzing, conducting, supporting, and sustaining health protection and promotion activities in partnership with health care clinicians and leaders in widely diverse sectors, including social services, education, transportation, public safety, and community development.

These changing and expanding LHD roles require new and different skills among members of the LHD workforce. Local public health departments serve as the unique and essential component of an integrated health system that looks out for the population as a whole rather than focusing on the health outcomes of the individual alone. In response to the new challenges and opportunities, we must assume greater accountability for the design and development of the overall strategic plan for improving health in Rock County. To do this, we must identify, coordinate, implement and evaluate cost-beneficial prevention programs and activities that do not use public health budgets to provide services that can be provided through health care providers and facilities. We must also ensure a workforce that meets modern demands.

The goal of community-based public health is to increase the quality, availability, and effectiveness of educational and community-based programs designed to prevent disease and injury, improve health, and enhance quality of life. Health educators play a strong role in helping advance this goal. Health educators offer knowledge, skills, and training that complement others whose work impacts human health. Training in core competencies of public health allows health educators to be an asset to the growth and future work for community-based public health workforces. All efforts of a health educator are geared toward examining and influencing the health outcomes of groups of individuals. Health educators advocate for policy that promotes health equity, access to health care, and the ability to make healthy choices. They use skills that help promote population health and positively impact the health outcomes of all community members.

For local public health practice, the scope and content of work to be performed as well as strategies for addressing public health issues are continuously evolving. The Rock County Public Health Department has been undergoing a strategic planning process to inform and guide the department in organizing and structuring the programs and services offered in Rock County. Additionally, the strategic planning process will serve to identify staffing gaps and serve as a template for performance improvement and more effective workforce development. A vacant public health nurse position has presented the opportunity to address the changing public health environment and scope of work as well as align with strategic planning by converting this position to a community health education coordinator position. This proposed change will be cost neutral in the 2016 budget.

Our current staff, including the nurses, feel that health educators should be an essential part of our team, bringing new skill sets to the agency that will enhance our efforts in population-based health. Many LHDs in Wisconsin employ between one and five health educators. Outagamie and Winnebago counties, as well as the City of Milwaukee currently have open Health Education Coordinator positions. Wood, Pierce, and Oneida counties recently filled similar positions.

POSITION DESCRIPTION		1. Position Control # 644	2. Department, Division and Unit (if applicable) Public Health
3. Name of Employee		4. Unit, Work Address	
5. Classification Title of Position Community Health Education Coordinator		7. Name and Class of Former Incumbent	
6. Class Title Option (to be filled out by Human Resources)			
8. Department Working Title of Position		9. Name and Class of Employees Performing Similar Duties New	
10. Name and Class of First-Line Supervisor Health Officer		11. From Approximately What Date Has The Employee Performed the Work Described Below?	
12. Does This Position Supervise Subordinate Employees in Permanent Positions?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
13. Position Summary - Please Describe Below the Major Goals of This Position This is professional work in the field of public health education. The purpose of this position is to promote population health by leading community health promotion initiatives. The work involves providing specialized support to specific public health programs by developing health education materials, systematic approaches for their delivery, and evaluations of their effectiveness. It also includes developing and implementing community health assessments and planning in collaboration with other department staff, other County Departments, community stakeholders, elected officials, and community members. This position seeks out revenue sources and conducts frequent and ongoing grant applications. Supervises Community Health Education programming and staff. Work is typically focused on specific program objectives directed by improving the level of health knowledge thereby improving health behaviors and improving local public health services.			
14. Describe the Goals and Worker Activities of this Position - Goals: Describe the major achievements, outputs or results of this position. Prioritize and list them in descending order of importance (A, B, C, D, etc.) Estimate the percentage of time spent on each goal. - Worker Activities: Under each goal, list the worker activities performed to meet that goal (1., 2., 3., etc.)			
Time %	Priority	Goals / Worker Activities	
35%	A	Lead Community health promotion initiatives 1. Use community health planning expertise to successfully complete the community assessment and planning process, set community health improvement goals/objectives/strategies, identify public policy and action options, develop programs based on evidence, and create monitoring and evaluation plans. 2. Lead the design and application of community health improvement strategies with community partners, members, and stakeholders. 3. Perform data analysis and present findings to community groups, stakeholders, and other professionals. 4. Conduct comprehensive reviews of evidence-related community health assessment and planning, and develop and maintain resources related to new and emerging methods.	

Time %	Priority	Goals / Worker Activities
35%	B	<p>Assist in developing and/or designing of materials and programs to support specific public health program goals and objectives</p> <ol style="list-style-type: none"> 1. Develop public health educational materials, systemic approaches for their delivery, and evaluation of their effectiveness. 2. Provide support in the development, implementation, and evaluation of specific educational programs and materials to meet identified needs in the community. 2. Develop and deliver targeted, culturally appropriate health promotion and disease prevention materials, curriculum, and awareness campaigns. 4. Identify "Community Champions" and develop and foster working relationships. 5. Lead the development and preparation of proposals for funding from external sources for health promotion and disease prevention initiatives and programs.
15%	C	<p>Public health communications.</p> <ol style="list-style-type: none"> 1. Prepare and assist in preparation of department's communication and publications including media interviews, press releases, reports, website content, and updates. 2. Assist in the preparation of annual and other reports.
10%	D	<p>Supervise Community Health Education Programming and staff</p> <ol style="list-style-type: none"> 1. Coordinate, guide, and supervise Community Health Education work assignments and ensure all projects are completed in a timely manner. 2. Conduct train-the-trainer sessions and identify/provide learning opportunities for other Departmental staff. 3. Conduct ongoing and annual health education staff evaluations.
5%	E	Performs other duties as assigned

15. Knowledge, Skills and Abilities (KSAs)

4. KNOWLEDGE, SKILLS, AND ABILITIES:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Proficiency in Microsoft programs including Microsoft Outlook, Word, Excel, etc.
- Working knowledge of public health theory, human psychology, social sciences, behavior change theory social marketing theory, and principals of health education and promotion, including adult education methodology
- Working knowledge of community health planning
- Knowledge of community organization and resources
- Excellent oral and written communication skills
- Excellent creative and technical writing skills
- Ability to exercise leadership
- Ability to work independently and interdependently
- Ability to collect, organize and analyze data, as well as to identify significance of findings and effectively report findings and recommendations
- Ability to conduct effective meetings and facilitate group process
- Ability to plan, conduct and evaluate effective education, training and marketing programs
- Ability to plan, organize, prioritize, implement and evaluate work
- Ability to work effectively with multidisciplinary personnel, health agencies, community organizations and coalitions, communities, families and individuals
- Ability to use the computer and a variety of software programs effectively
- Ability to work effectively with people of different ages, cultures, readiness to learn, and learning styles

16. Job Requirements

EDUCATION AND EXPERIENCE REQUIREMENTS:

- Bachelors degree in health education or a closely related field from an accredited college or university. Masters in Public Health preferred
- Three years work experience in community health preferred.
- Experience in analyzing and assessing community health needs and data.
- Valid driver's license
- Motor vehicle in working order
- Community Health Education Specialist certification preferred.
- Bi-lingual (Spanish) preferred.
- Maintain prompt and regular attendance.

17. Essential Job Functions (physical elements, equipment use and working conditions)

5. PHYSICAL DEMANDS:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

- Work involves walking, sitting, standing, bending, twisting, turning, carrying, pushing, pulling, grasping, reaching and driving.
- Lifting and carrying up to 25 pounds is not uncommon.
- Work hours may include some evenings and/or weekends to accommodate community events
- Work related to public health emergencies may require availability 24 hours a day, seven days a week.
- Working conditions may vary in relation to cold, heat, fatigue, etc.

18. Supervisory Section - To Be Completed By the First-Line Supervisor of this Position

- a. The supervision, direction and review of the work of this position by the supervisor is close general minimal
- b. The statements and time estimates above and on attachments accurately describe the work assigned to the positions.

Signature of First-Line Supervisor _____ Date _____

19. Employee Section - To Be Completed By the Incumbent of this Position

I have read and understand that the statements and time estimates above and on attachments are a description of the functions assigned my position. (Please initial and date attachments.)

Signature of Employee _____ Date _____

20. Signature of Human Resources Manager _____ Date _____

21. Distribute Copies of Signed Form to:

- Human Resources Personnel File Employee Department File

**RESOLUTION
ROCK COUNTY BOARD OF SUPERVISORS**

Board of Health
INITIATED BY



Timothy Banwell
DRAFTED BY

Board of Health
SUBMITTED BY

January 6, 2016
DATE DRAFTED

Accepting Taking Action with Data: Use of the Environmental County Health Profiles to Improve Environmental Health in a Community Grant and Amending the 2016 Rock County Public Health Department Budget

1 **WHEREAS**, there are an estimated 13,000 private wells in Rock County and all our citizens and
2 visitors depend on our community's ground water for drinking water; and
3
4 **WHEREAS**, Rock County Health Department applied for and was awarded a grant from the
5 Wisconsin Department of Health Services for Establishing a Foundation for an Educational Online
6 Drinking Water Nitrate Risk Tracking Tool; and
7
8 **WHEREAS**, this is a nine month grant at \$10,500, beginning November 2, 2015 and ending July 31,
9 2016; and
10
11 **WHEREAS**, this grant will plan and assist in developing a tool for understanding sources of
12 groundwater contamination and educating citizens on protecting their drinking water supply.
13
14 **NOW, THEREFORE BE IT RESOLVED** that the Rock County Board of Supervisors duly
15 assembled on this _____ day of _____, 2016 does hereby authorize the Rock
16 County Health Department to accept this Establishing a Foundation for an Educational Online
17 Drinking Water Nitrate Risk Tracking Tool Grant in the amount of \$10,500, and amend the 2016 Rock
18 County Public Health Department Budget as follows:

<u>Account/Description</u>	<u>Budget</u>	<u>Increase</u>	<u>Amended</u>
<u>Source of Funds</u>	<u>1/1/16</u>	<u>(Decrease)</u>	<u>Budget</u>
31-3028-0000-42100			
Federal Aid	-0-	\$10,500	\$10,500
<u>Use of Funds</u>			
31-3028-0000-63110			
Administrative Expense	-0-	\$10,500	\$10,500

Respectfully submitted,

BOARD OF HEALTH

Sandra Kraft, Chair

Louis Peer, Vice Chair

Richard Bostwick

Gregg Addie

Dr. Keith Konkol, MD

Dr. Dean Peterson, DVM

Dr. Connie Winter, DDS

Judith Wade

Eric Gresens

FINANCE COMMITTEE ENDORSEMENT

Reviewed and approved on a vote of

Mary Mawhinney, Chair

FISCAL NOTE:

This resolution authorizes the acceptance and expenditure of a \$10,500 in Federal Aid for Nitrate risk tracking. No County matching funds are required.



Susan Balog
Assistant Finance Director

LEGAL NOTE:

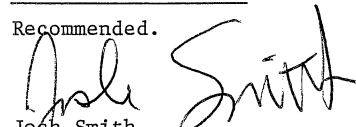
The County Board is authorized to accept grant funds pursuant to sec. 59.52(19), Wis. Stats. As an amendment to the adopted 2016 County Budget, this Resolution requires a 2/3 vote of the entire membership of the County Board pursuant to sec. 65.90(5)(a), Wis. Stats.



Jeffrey S. Kuglitsch
Corporation Counsel

ADMINISTRATIVE NOTE:

Recommended.



Josh Smith
County Administrator

Executive Summary

Rock County has a known problem with nitrates in groundwater as identified by the Wisconsin Environmental Public Health Tracking Program and data collected by the Rock County Health Department Water Testing Laboratory. The Rock County Health Department has established a strong groundwater testing program and continues to strongly promote private well testing. Educational information is provided to citizens on nitrate health risks and options to reduce their risk based on their nitrate test results. This project is looking to go beyond typical scope of just identifying the problem and relaying the health risks. This project is looking to spatially identify major sources of nitrates contributing to the health risk, land-use activities that may be increasing the nitrate risk, and geologic conditions that significantly contribute to elevated nitrates in the groundwater of Rock County. This project will provide for a better understanding of the nitrogen balance in the groundwater of Rock County. Ultimately, it is hoped that this project will provide the foundation for establishing an online Nitrate Risk Tracking Tool that would greatly assist in educating well users, nitrogen source contributors, well professionals, and policy makers to the cause and effect relationship of the well water nitrate issue in Rock County.

This 'Nitrate Risk Model' approach has been initiated in other parts of the country (State of Washington) but has not been utilized in Wisconsin to promote a better understanding of the cause and effect relationship of the nitrate groundwater issue. With this grant, the Rock County Health Department will lay the foundation for development of an online Nitrate Risk Tracking Tool that will assist the community in determining where nitrate risks exist in the county and potential factors as to why the risks are high in certain geographic regions. Decisions on determining future private well locations and well depths would be assisted by information provided by this tool. Practical applications can also be applied to local land use and public well planning.