



ROCK COUNTY BOARD OF HEALTH

WEDNESDAY, DECEMBER 05, 2018

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 – (10/17/2018)
4. Citizen Participation
5. New Business
 - A. Administrative Division
 - (1) Set Date and Time for Next Meeting
 - (2) Review of Payments
 - (3) Transfer of Funds over \$5,000
 - (4) Health Department Report
 - a. In the News
 - b. Surveillance
 - c. Community Events/Outreach
 - d. Budget
 - e. Personnel
 - B. Resolution: Recommending modifications to Madison Metropolitan Sewerage District's wastewater pollution discharge elimination system permit to improve surface water quality and address public health concerns when sewage is not required to be disinfected seasonally
 - C. Healthy Corner Store Initiative
 - D. Septic Permitting Process
6. Communications and Announcements
8. 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.

COMMITTEE REVIEW REPORT
FOR THE MONTH OF OCTOBER 2018

Account Number	Account Name	PO#	Check Date	Vendor Name	Inv/Enc Amt
31-3000-0000-62119	OTHER SERVICES				
		P1800094	10/18/2018	JANESVILLE ANIMAL MEDICAL CENT	150.00
		P1802297	10/04/2018	COMMERCIAL AIR INC	486.50
		P1802299	10/04/2018	COMMERCIAL AIR INC	474.50
31-3000-0000-62176	LABORATORY				
		P1801824	10/18/2018	US BANK	25.00
31-3000-0000-63100	OFC SUPP & EXP				
		P1801824	10/18/2018	US BANK	917.75
31-3000-0000-63101	POSTAGE				
		P1800109	10/11/2018	UNITED PARCEL SERVICE	66.27
31-3000-0000-63110	ADMIN,EXPENSE				
		P1801824	10/18/2018	US BANK	11.24
		P1802523	10/25/2018	MAURERS MARKET IGA	5.00
31-3000-0000-63200	PUBL/SUBCR/DUES				
		P1802456	10/18/2018	NATIONAL ASSOCIATION OF LOCAL	300.00
31-3000-0000-64000	MEDICAL SUPPLIES				
		P1800106	10/11/2018	SANOFI PASTEUR INC	11,810.82
31-3000-0000-64010	LAB SUPPLIES				
		P1800089	10/11/2018	CULLIGAN WATER CONDITIONING IN	35.00
		P1801824	10/18/2018	US BANK	122.16
31-3000-0000-64200	TRAINING EXP				
		P1801824	10/18/2018	US BANK	1,599.67
31-3000-0000-64203	EDUC MAT & SUPPL				
		P1801824	10/18/2018	US BANK	59.90
HEALTH DEPARTMENT PROG TOTAL					16,063.81
31-3002-0000-64900	OTHER SUPPL/EXP				
		P1802401	10/11/2018	VEOLIA ES TECHNICAL SOLUTIONS	235.00
PRESCRIPTION DRUG COLLECTION PROG TOTAL					235.00
31-3025-0000-63110	ADMIN,EXPENSE				
		P1801824	10/18/2018	US BANK	2,150.00
PREVENTION GRANT PROG TOTAL					2,150.00
31-3026-0000-63110	ADMIN,EXPENSE				
		P1801824	10/18/2018	US BANK	106.50
PREPAREDNESS GRANT PROG TOTAL					106.50

COMMITTEE REVIEW REPORT
FOR THE MONTH OF OCTOBER 2018

<u>Account Number</u>	<u>Account Name</u>	<u>PO#</u>	<u>Check Date</u>	<u>Vendor Name</u>	<u>Inv/Enc Amt</u>
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I have reviewed the preceding payments in the total amount of **\$18,555.31**

Date:

Dept Head _____

Committee Chair _____

COMMITTEE REVIEW REPORT
FOR THE MONTH OF NOVEMBER 2018

Account Number	Account Name	PO#	Check Date	Vendor Name	Inv/Enc Amt
31-3000-0000-62119	OTHER SERVICES				
		P1800096	11/15/2018	LB MEDWASTE SERVICES	109.80
31-3000-0000-62176	LABORATORY				
		P1800110	11/15/2018	WISCONSIN STATE LABORATORY OF	480.00
31-3000-0000-63100	OFC SUPP & EXP				
		P1801824	11/15/2018	US BANK	581.90
31-3000-0000-63101	POSTAGE				
		P1800109	11/15/2018	UNITED PARCEL SERVICE	125.34
31-3000-0000-63200	PUBL/SUBCR/DUES				
		P1801824	11/15/2018	US BANK	550.00
31-3000-0000-64000	MEDICAL SUPPLIES				
		P1800091	11/15/2018	GLAXOSMITHKLINE PHARMACEUTICAL	783.00
		P1800098	11/29/2018	MEDLINE INDUSTRIES INC	99.00
		P1800106	11/15/2018	SANOVI PASTEUR INC	1,871.66
31-3000-0000-64010	LAB SUPPLIES				
		P1800089	11/15/2018	CULLIGAN WATER CONDITIONING IN	175.00
		P1800100	11/15/2018	NORTH CENTRAL LABORATORIES OF	65.02
		P1801258	11/15/2018	FISHER SCIENTIFIC COMPANY	39.46
		P1802662	11/21/2018	HACH COMPANY	607.30
		P1802679	11/15/2018	WISCONSIN STATE LABORATORY OF	29.00
31-3000-0000-64200	TRAINING EXP				
		P1801824	11/15/2018	US BANK	(95.00)
31-3000-0000-64604	PROGRAM EXPENSE				
		P1800103	11/21/2018	POC NETWORK TECHNOLOGIES INC	252.00
HEALTH DEPARTMENT PROG TOTAL					5,673.48
31-3026-0000-63110	ADMIN.EXPENSE				
		P1801824	11/15/2018	US BANK	1,042.60
		P1802683	11/15/2018	MERCY HEALTH SYSTEM	274.00
31-3026-0000-64900	OTHER SUPPL/EXP				
		P1802684	11/15/2018	HALO BRANDED SOLUTIONS INC	1,250.55
PREPAREDNESS GRANT PROG TOTAL					2,567.15

COMMITTEE REVIEW REPORT
FOR THE MONTH OF NOVEMBER 2018

<u>Account Number</u>	<u>Account Name</u>	<u>PO#</u>	<u>Check Date</u>	<u>Vendor Name</u>	<u>Inv/Enc Amt</u>
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I have reviewed the preceding payments in the total amount of **\$8,240.63**

Date:

Dept Head _____

Committee Chair _____

RESOLUTION

ROCK COUNTY BOARD OF SUPERVISORS

Board of Health Committee
INITIATED BY



Rick C. Wietersen
DRAFTED BY

Board of Health Committee
SUBMITTED BY

November 14, 2018
DATE DRAFTED

RECOMMENDING MODIFICATIONS TO MADISON METROPOLITAN SEWERAGE DISTRICT'S WASTEWATER POLLUTION DISCHARGE ELIMINATION SYSTEM PERMIT TO IMPROVE SURFACE WATER QUALITY AND ADDRESS PUBLIC HEALTH CONCERNS WHEN SEWAGE IS NOT REQUIRED TO BE DISINFECTED SEASONALLY

- 1 **WHEREAS**, the Wisconsin Department of Natural Resources (WDNR) allows through administrative
- 2 rule NR 210.06 and an individual permit to the Madison Metropolitan Sewerage District (MMSD) that
- 3 sewage wastewater discharge to the Badfish Creek does not have to be disinfected from October 15
- 4 through April 15th each year; and
- 5
- 6 **WHEREAS**, sewage discharged without disinfection can have E. coli levels of around 10,000 colony
- 7 forming units per 100 milliliters of water which poses a significantly greater public health risk than
- 8 sewage wastewater that is disinfected; and
- 9
- 10 **WHEREAS**, E. coli is a serious public health concern and efforts to minimize E. coli and other
- 11 communicable diseases from surface waters used for recreational purposes is a significant step toward
- 12 improving public health; and
- 13
- 14 **WHEREAS**, the Madison Metropolitan Sewerage District discharges about 40 million gallons of
- 15 effluent each day into the Badfish Creek which account for over 50% of the total flow in this water
- 16 body and this discharge eventually ends up downstream in the Yahara River and the Rock River; and
- 17
- 18 **WHEREAS**, winter base flow water testing by the Rock County Public Health Department over
- 19 several years has consistently indicated high levels of E. coli in the Badfish Creek and Yahara River
- 20 during periods of non-disinfection of wastewater; and
- 21
- 22 **WHEREAS**, the Badfish Creek and Yahara River are popular recreational water bodies that receive
- 23 significant recreational use that result in potential human exposure during the periods of non-
- 24 disinfection of sewage wastewater; and
- 25
- 26 **WHEREAS**, the ultraviolet (UV) disinfection technology utilized by MMSD could be utilized for
- 27 extended periods of time, or year-round, to significantly improve the water quality of the Badfish
- 28 Creek and Yahara River and reduce potential adverse public health impacts; and
- 29
- 30 **WHEREAS**, the MMSD Wastewater Pollution Discharge Elimination System permit criteria is
- 31 currently open for public comment until December 14th, 2018.
- 32
- 33 **NOW, THEREFORE, BE IT RESOLVED**, that the Rock County Board of Supervisors duly
- 34 assembled this ____ day of _____, 2018, in accordance with Wisconsin State Statute 32.05,
- 35 does hereby approve forwarding recommendation comments to the Wisconsin Department of Natural
- 36 Resources on increasing the period of required disinfection required in the Madison Metropolitan
- 37 Sewerage District Wastewater Pollution Discharge Elimination System permit to address potential
- 38 public health impacts that occur when recreational waters are receiving non-disinfected sewage
- 39 wastewater, with specific concerns being the Badfish Creek and Yahara River which receive a high ratio
- 40 of wastewater to normal base flows.

RECOMMENDING MODIFICATIONS TO MADISON METROPOLITAN SEWERAGE DISTRICT'S WASTEWATER POLLUTION DISCHARGE ELIMINATION SYSTEM PERMIT TO IMPROVE SURFACE WATER QUALITY AND ADDRESS PUBLIC HEALTH CONCERNS WHEN SEWAGE IS NOT REQUIRED TO BE DISINFECTED SEASONALLY.

Page 2

Respectfully submitted,

BOARD OF HEALTH

Louis Peer, Chair

Dr. Connie Winter, DDS, Vice Chair

Vijaya Somaraju, MD, MPH

Dr. Kaitlyn Meyers, DVM, MPH, FACP

Judith Wade, WHNP

Eric Gresens, R.Ph

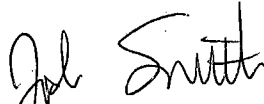
Vicki Brown

Danette Rynes

Craig Gramke


ADMINISTRATIVE NOTE:

Recommended.


Josh Smith
County Administrator

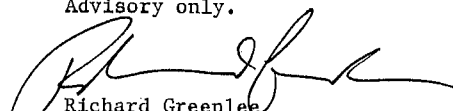
FISCAL NOTE:

This resolution is advisory only and has no direct fiscal impact on Rock County operations in and by itself.


Sherry Oja
Finance Director

LEGAL NOTE:

Advisory only.


Richard Greenlee
Corporation Counsel

RECOMMENDING MODIFICATIONS TO MADISON METROPOLITAN SEWERAGE DISTRICT'S WASTEWATER POLLUTION DISCHARGE ELIMINATION SYSTEM PERMIT TO IMPROVE SURFACE WATER QUALITY AND ADDRESS PUBLIC HEALTH CONCERNS WHEN SEWAGE IS NOT REQUIRED TO BE DISINFECTED SEASONALLY.

Page 3

- EXECUTIVE SUMMARY -

The Wisconsin Department of Natural Resources (WDNR) Wastewater Pollutant Discharge Elimination System (WPDES) permit for the Madison Metropolitan Sewerage District (MMSD) does not require that sewage wastewater be disinfected from October 15th through April 15th each year. When recreational waters such as the Badfish Creek and Yahara River receive non-disinfected wastewater in large volumes compared to the normal stream flow, water quality impacts from E. coli bacteria and other communicable diseases are likely. The Badfish Creek receives over 40 million gallons of sewage wastewater each day which is more than the normal base-flow of that stream. The Rock County Public Health Department has confirmed through routine testing over several years that E. coli levels in the Badfish Creek and Yahara River are significantly elevated in these periods of non-disinfection of sewage, resulting in potential health impacts for recreational users of these waters.

The Badfish Creek and Yahara River have become increasingly popular for recreational activities such as canoeing, kayaking, fishing, and hunting. The level of these activities has grown annually and do occur throughout the year, not just from April 15th to October 15th.

The ultraviolet disinfection technology utilized by MMSD could be utilized for longer periods of time, or even year-round, resulting in a significant reduction in potential exposure of recreational water users to communicable diseases, including E. coli.

This resolution recommends that the Wisconsin Department of Natural Resources per criteria in NR210.06(3) take into consideration bacteria indicator data, proximity of the wastewater discharge to recreational activities, the quality of the wastewater being discharged, and the dilution and mixing characteristics of the wastewater with the receiving water in order to reduce potential adverse impacts that not disinfecting sewage discharge has on the water quality of the Badfish Creek and the Yahara River, and that they take steps to reduce this impact to acceptable public health standards by extending the period in which sewage is required to be disinfected per the MMSD WPDES permit renewal.