

**Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
August 16, 2016
Madison, Wisconsin**

DATE: August 10, 2016

TO: Dean Robert N. Golden, MD, UW-SMPH – Dr. Richard Moss, Designated Representative
Linda Seemeyer, Secretary, DHS – Karen McKeown, Designated Representative
Cathy Stepp, Secretary, DNR – Mark Aquino, Designated Representative
Ben Brancel, Secretary, DATCP –Michelle Wachter, Designated Representative
Jeffery Kindrai, Chair
James Morrison, Vice-Chair
Dr. Robert Corliss, Member
Barry Irmey, Member

Steven Geis, DNR Alternate
Gregory Pils, DNR Alternate
Charles Warzecha, DHS Alternate
Gilbert (Gil) Kelley, DATCP Alternate

FROM: Dr. Peter Shult, Interim Secretary
Interim Director, Wisconsin State Laboratory of Hygiene

RE: Wisconsin State Laboratory of Hygiene Board of Directors Meeting
Wisconsin State Laboratory of Hygiene
2601 Agriculture Drive
Madison, WI 53718
August 16, 2016
1:00p.m. — 4:00p.m.

C: Cynda DeMontigny
Kristine Hansbery
Jan Klawitter
Dr. Daniel Kurtycz
Steve Marshall
Marie Ruetten
Steve Strebel
David Webb

**WISCONSIN STATE LABORATORY OF HYGIENE
BOARD OF DIRECTORS
MEETING NOTICE**

Tuesday, August 16, 2016

1:00p.m. – 4:00p.m.

MEETING LOCATION

**Wisconsin State Laboratory of Hygiene
2601 Agriculture Drive
Madison, WI 53718**

Notice is hereby given that the Wisconsin State Laboratory of Hygiene Board of Directors will convene at 1:00 p.m. on Tuesday, August 16th, 2016 at Wisconsin State Laboratory of Hygiene in Madison, Wisconsin.

Notice is further given that matters concerning Wisconsin State Laboratory of Hygiene issues, program responsibilities or operations specified in the Wisconsin Statutes, which arise after publication of this notice may be added to the agenda and publicly noticed no less than two hours before the scheduled board meeting if the board Chair determines that the matter is urgent.

Notice is further given that this meeting may be conducted partly or entirely by teleconference or videoconference.

Notice is further given that questions related to this notice, requests for special accommodations, or requests for a public appearance are addressed by the Wisconsin State Laboratory of Hygiene Administrative Offices by phone at (608) 890-0288 or in writing to the Wisconsin State Laboratory of Hygiene, 465 Henry Mall, Madison, Wisconsin, 53706.

ORDER OF BUSINESS: See agenda.

Respectfully submitted,



Peter A. Shult, PhD
Interim Secretary, Wisconsin State Laboratory of Hygiene Board of Directors
Interim Director, Wisconsin State Laboratory of Hygiene
August 10, 2016

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 21, 2016
1:00 P.M. – 4:00 P.M.

Wisconsin State Laboratory of Hygiene
2601 Agriculture Drive
Madison, WI 53718

AGENDA

<u>BUSINESS ITEMS</u>	<u>PAGE</u>
Item 1. INTRODUCTIONS FROM DEAN ROBERT N. GOLDEN, UW-SMPH	4
1) <i>New partnership with UW-SMPH and vision for the future</i>	
 <u>PROCEDURAL ITEMS</u>	
Item 2. APPROVAL OF MINUTES	5
Item 3. REORGANIZATION OF AGENDA	10
Item 4. PUBLIC APPEARANCES	11
Item 5. BOARD MEMBERS' MATTERS	13
 <u>BUSINESS ITEMS CONTINUED</u>	
Item 6. FY16 FINANCIAL REPORT	14
• Cash Availability	
Item 7. ENGAGEMENT, INCLUSION, AND DIVERSITY (EID) UPDATE	22
Item 8. STRATEGIC PRIORITIES UPDATE	23
Item 9. CONTRACTS REPORT	24
Item 10. DIRECTOR'S REPORT	26

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Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
August 16, 2016

**BUSINESS ITEMS**

**Item 1. INTRODUCTIONS FROM DEAN ROBERT N. GOLDEN, UW-SMPH**

- 1) *New partnership with UW-SMPH and vision for the future*

**Description of the Item:**

Dr. Robert N. Golden, Dean, UW-SMPH will introduce himself to the WSLH Board and address the Board on the WSLH affiliation with the SMPH.

**Suggested Board Action:**

Receive for information.

**Staff Recommendations and Comments:**

Receive for information.

Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
August 16, 2016

**PROCEDURAL ITEMS**

**Item 2. APPROVAL OF MINUTES**

**Description of Item:**

The draft minutes of the June 21<sup>st</sup>, 2016 board meeting are submitted for approval.

**Suggested Board Action:**

Motion: Approve the draft minutes of the June 21<sup>st</sup>, 2016 board meeting as submitted.

**Staff Recommendation and Comments:**

Approve draft minutes.

Once approved, minutes become part of the public record and are posted on the WSLH website: <http://www.slh.wisc.edu/about/board/board-meetings-agendas-and-minutes/>.

**Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
August 16<sup>th</sup>, 2016  
1:00 P.M – 4:00 P.M.  
2601 Agriculture Drive  
Madison, WI 53718**

**APPROVED MINUTES  
June 21, 2016**

**MEMBERS PRESENT:** Charles Warzecha (on behalf of Karen McKeown), Dr. Robert Corliss, Dr. Richard Moss, Gil Kelley (on behalf of Michelle Wachter), Steve Geis (on behalf of Mark Aquino), Barry Irmen, Pam Kostle (on behalf of James Morrison),

**WSLH STAFF PRESENT:** Dr. Peter Shult, Dr. Daniel Kurtycz, Dr. Patrick Gorski, Kristine Hansbery, Jan Klawitter, Steve Marshall, Cynda DeMontigny, Marie Ruetten, Steve Strebel, Dave Webb, and Nathaniel Javid

**DNR STAFF PRESENT:** Ron Arneson

**GUESTS PRESENT:** None

*Secretary Dr. Peter Shult called the meeting to order at 1:00 P.M.*

**Item 1. APPROVAL OF MINUTES**

Approve the minutes of the April 26, 2016 board meeting as submitted. **Charles Warzecha** made a motion to approve, seconded by **Steven Geis**.

**Item 2. REORGANIZATION OF AGENDA**

There was no reorganization of the agenda.

**Item 3. PUBLIC APPEARANCES**

There were no public appearances.

#### **Item 4. BOARD MEMBERS' MATTERS**

Charles Warzecha mentioned that DHS Secretary Kitty Rhoades passed away unexpectedly. Tom Engels has been appointed as Interim Secretary. The Board expressed their condolences to DHS. Mr. Warzecha also mentioned a contracts charge that DHS is concerned about with Population Health and a 15% overhead being applied to contracts with the WSLH. Marie Ruetten, Financial Manager WSLH, addressed Mr. Warzecha's concerns about indirect overhead costs. Dr. Rick Moss provided an update on the WSLH Director search. The committee will be co-led by someone from the WSLH, and the membership of the committee will reflect the interest of the WSLH. Dr. Moss also mentioned that the UW has appointed a new director of research core laboratories.

#### **Item 5. RECENT MULTI-COLLECTOR ICP-MS RESULTS**

##### **1) Dr. Patrick Gorski, WSLH**

Dr. Patrick Gorski gave his presentation on the Multi-Collector (MC) ICP-MS. A Multi-Collector ICP-MS is used to analyze metals. Isotopes are the subset of the metal that are analyzed. Isotopes are variants of the same element that vary in their number of neutrons. This variation in number of neutrons gives each isotope a slightly different mass. The relative abundance of each isotope can be measured and is known. The WSLH has two multi-collector ICP-MS's. One instrument is focused mostly on clinical, health and biomedical applications of each isotopic system. The other MC-ICPMS is focused more on environmental cycling of mercury, as well as some clinical applications. An isotope can either be used as a tracer or for fingerprinting. Dr. Gorski noted several studies of how isotopes have been used as tracers through clinical examples. Dr. Gorski also noted several studies of how isotopes have been used for fingerprinting (which is a more common use). Some examples include fingerprinting coal in different parts of the world, analyzing source contributions to mercury in lake sediments including tracking mercury sources, and analyzing sources for lead in blood.

#### **Item 6. FY16 FINANCIAL REPORT**

##### **1) Marie Ruetten, Financial Manager, Wisconsin State Laboratory of Hygiene**

Ms. Ruetten presented our income statement through April. In our variance from FY16 actual through our budget at the end of April, our revenue is under budget by \$814,210 but our expenses are under budget by \$1.6M. This leads us to a net operating income of \$258,758. Our FY16 year to date actual for total support and revenue is at \$35,220,482. For expenses, in our variance we are under in expenses by \$1,612,018. Our net gain is \$258,758, which is \$797,808 better than budget. Compared to last year, our total support and revenue is under by \$56,184. For expenses, we are \$1,766,094 under compared to last year. Ms. Ruetten also reviewed the comparative balance sheet on assets and cash flows.

## **Item 7. FY17 BUDGET PROPOSAL**

### **1) Marie Ruetten, Financial Manager, Wisconsin State Laboratory of Hygiene**

For the final FY17 budget proposal, we have \$43,208,571 in total support and revenue. This has increased by \$93,594 from the preliminary budget due to grant funding. Our expenses are at \$43,208,571; therefore, we are presenting a zero balance budget. On a cash basis, our modified net operating income would be \$1,229,733. Compared to FY16, we are seeing a decrease in support and revenue by \$437,181. We also see a decrease in expenses by \$1,152,657 compared to FY16.

**Secretary Peter Shult** called for a motion to approve the FY17 budget as written. **Barry Irmn** approved the motion. **Dr. Robert Corliss** seconded the motion. The FY17 budget passed unanimously.

## **Item 8. CONTRACTS REPORT**

### **1) Marie Ruetten, Financial Manager, Wisconsin State Laboratory of Hygiene**

Ms. Ruetten presented the contracts report to the Board. We have contracts with CH2M Hill, the North Carolina State Lab of Public Health (renewal), Wisconsin Department of Health Services, Wisconsin Department of Natural Resources, U.S. Department of Agriculture, and California Air Resources Board (renewal) totaling \$809,037+ annually. Ms. Ruetten asked the Board to refer to the packet for more details on the contracts.

## **Item 9. DIRECTOR'S REPORT**

### **1) Dr. Peter Shult, Interim Director, Wisconsin State Laboratory of Hygiene**

Dr. Shult gave an update to the Board on the Zika virus. The focus remains on the testing of travelers. Most often, Zika presents itself as asymptomatic. Therefore, people may be traveling while infected and not know it. Males also may be infected asymptotically and can sexually transmit Zika to their partners. We have fairly substantial testing capacity. We predict a steady level of testing. In all, we've had six positive patients. We have been working very closely with the DPH, and our algorithms have been established. With the upcoming Olympic games, one might anticipate increases in testing.

The next Board meeting will take place on August 16<sup>th</sup>. Dean Robert N. Golden will be speaking briefly at the August Board meeting. Dr. Shult also mentioned reducing the number of Board meetings from five meetings a year to four. At the August meeting, we will be addressing this issue for voting. Lastly, Dr. Shult had the Board refer to the packet for public health incidents of educational interest.



**Secretary Peter Shult** made a motion to adjourn meeting at 2:30 P.M. **Charles Warzecha** seconded the motion. The motion passed unanimously and the meeting was adjourned.

Respectfully submitted by:

A handwritten signature in cursive script, appearing to read "Peter A. Shult".

Peter A. Shult, PhD  
Interim Secretary, Wisconsin State Laboratory of Hygiene Board of Directors

Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
August 16, 2016

**PROCEDURAL ITEMS**

**Item 3. REORGANIZATION OF AGENDA**

**Description of the Item:**

Board members may suggest changes in the order in which agenda items are discussed.

**Suggested Board Action:**

None.

**Staff Recommendation and Comments:**

Reorganize the agenda if requested by the Board.

**Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
August 16, 2016**

**PROCEDURAL ITEMS**

**Item 4. PUBLIC APPEARANCES**

**Description of the Item:**

Under the board's *Policies and Procedures* nonmembers are invited to make presentations.

**Suggested Board Action:**

Follow WSLH *Policies and Procedures*.

**Staff Recommendation and Comments:**

Follow WSLH *Policies and Procedures*.

*Per Policies and Procedures of the Wisconsin State Laboratory of Hygiene Board of Directors:*

§6.12 *Speaking privileges.* When the board is in session, no persons other than laboratory staff designated by the director shall be permitted to address the board except as hereinafter provided:

- (a) A committee report may be presented by a committee member who is not a member of the board.
- (b) A board or committee member in the course of presenting a matter to the board may request staff to assist in such a presentation.
- (c) If a board member directs a technical question for clarification of a specific issue to a person not authorized in this section, the Chair may permit such a person to respond.
- (d) The board may by majority vote or by decision of the Chair allow persons not otherwise authorized in this section to address the board if the situation warrants or the following criteria is followed:
  - (1) Written requests for public appearances on specific current agenda items shall be made to the board Secretary no later than two working days prior to the meetings. The request shall outline the reasons for the request including the subject matter to be discussed in as much detail as is feasible prior to the meeting of the board. Those requesting an appearance may, at or prior to the board meeting, provide board members copies of any written materials to be presented or a written statement of a position.
  - (2) Individual presentations will be limited to five minutes, unless otherwise authorized by the Chair.
  - (3) To schedule an appearance before the Wisconsin State Laboratory of Hygiene Board of Directors, contact the board Secretary, c/o Director, Wisconsin State Laboratory of Hygiene, 465 Henry Mall, Madison, Wisconsin 53706. Telephone (608) 890-0288. The subject or subjects to be discussed must be identified.
  - (4) The Wisconsin State Laboratory of Hygiene "Guidelines for Citizen Participation in WSLH Board Meetings" are published on its website: <http://www.slh.wisc.edu/index.shtml> and printed copies are available on request. (See Appendix 5) [Section §6.12 approved 5/27/03 board meeting.]

## Appendix 5

### Guidelines for Citizen Participation at WSLH Board Meetings

The Wisconsin State Laboratory of Hygiene board provides opportunities for citizens to appear before the board to provide information to the board on items listed on the agenda. Such appearances shall be brief and concise. In order to accommodate this participation in the allotted time, the guidelines are as follows:

- A. Items to be brought before the board:
  - 1. The board Secretary and Chair will assign a specific time on the agenda to hear public comment when a request to speak has been received from a member of the public.
  - 2. Individuals or organizations will be limited to a total of five (5) minutes to make a presentation to the board. Following the presentation board members may ask clarifying questions.
  - 3. An organization is limited to one (1) spokesperson on an issue.
  - 4. On complex issues, individuals wishing to appear before the board are encouraged to submit written materials to the board Secretary in advance of the meeting so the board may be better informed on the subject in question. Such information should be submitted to the board Secretary for distribution to all board members no later than seven (7) working days before the board meeting.
  - 5. No matters that are in current litigation may be brought before the board.
- B. The board encourages individuals to confine their remarks to broad general policy issues rather than the day-to-day operations of the Wisconsin State Laboratory of Hygiene.
- C. Citizens who have questions for board members should ask these questions prior to the board meeting, during any recess during the board proceedings, or after board adjournment.
- D. Written requests to appear before the WSLH Board of Directors should be submitted no later than two (2) working days prior to a scheduled board meeting.
- E. Submit written requests to:  
Secretary, Wisconsin State Laboratory of Hygiene Board of Directors  
C/O WSLH Director  
465 Henry Mall  
Madison, WI 53706  
Telephone: (608) 890-0288  
Email: [nathaniel.javid@slh.wisc.edu](mailto:nathaniel.javid@slh.wisc.edu)

Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
August 16, 2016

**BUSINESS ITEMS**

**Item 5. BOARD MEMBERS' MATTERS**

**Description of the Item:**

Board Members' Matters will present board members with the opportunity to ask questions and/or discuss issues related to the Wisconsin State Laboratory of Hygiene.

**Suggested Board Action:**

Receive for information.

**Staff Recommendations and Comments:**

Receive for information.

Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
August 16, 2016

**BUSINESS ITEMS**

**Item 6. FY16 FOURTH QUARTER FINANCIAL REPORT**

**Description of the Item:**

Marie Ruetten, Financial Manager, WSLH, will provide the fourth quarter financial report to the Board.

**Suggested Board Action:**

Review and provide input.

**Staff Recommendations and Comments:**

Receive for information.

WISCONSIN STATE LABORATORY OF HYGIENE

FINANCIAL REPORT

FOURTH QUARTER FISCAL YEAR 2016

June 30, 2016

Contents

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FINANCIAL STATEMENTS

Statement of income

Comparative income statement

Comparative balance sheet

Statement of cash flows

Notes to the financial statements

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**Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
August 16, 2016**

**WISCONSIN STATE LABORATORY OF HYGIENE  
STATEMENT OF INCOME  
For the period July 1, 2015 through June 30, 2016**

|                                                | <b>Fiscal Year<br/>2016 Budget</b> | <b>Fiscal Year<br/>2016 Actual</b> | <b>VARIANCE<br/>Over/(Under)</b> | <b>VARIANCE<br/>% of<br/>BUDGET</b> |
|------------------------------------------------|------------------------------------|------------------------------------|----------------------------------|-------------------------------------|
| <b>SUPPORT AND REVENUE</b>                     |                                    |                                    |                                  |                                     |
| Laboratory Services Revenues (Note 3)          |                                    |                                    |                                  |                                     |
| Agency                                         | \$ 6,353,127                       | \$ 6,247,432                       | \$ (105,695)                     | -1.7%                               |
| Nonagency                                      | 18,889,145                         | 18,739,368                         | (149,777)                        | -0.8%                               |
| GPR Funding                                    | 11,300,000                         | 11,038,195                         | (261,805)                        | -2.3%                               |
| OWI Fund Revenues                              | 1,605,900                          | 1,619,200                          | 13,300                           | 0.8%                                |
| Grant Funding                                  | 5,489,180                          | 4,829,691                          | (659,489)                        | -12.0%                              |
| Interest Income                                | 8,400                              | 25,661                             | 17,261                           | 205.5%                              |
| <b>TOTAL SUPPORT AND REVENUE</b>               | <b>43,645,752</b>                  | <b>42,499,547</b>                  | <b>(1,146,205)</b>               | <b>-2.6%</b>                        |
| <b>EXPENSES</b>                                |                                    |                                    |                                  |                                     |
| Salaries                                       | 18,271,076                         | 17,568,657                         | (702,419)                        | -3.8%                               |
| Fringe Benefits                                | 7,407,261                          | 6,948,802                          | (458,459)                        | -6.2%                               |
| Supplies & Services                            | 13,430,389                         | 13,020,638                         | (409,751)                        | -3.1%                               |
| Transfer Overhead to UW                        | 839,805                            | 727,562                            | (112,243)                        | -13.4%                              |
| Building Rent                                  | 2,557,470                          | 2,367,563                          | (189,907)                        | -7.4%                               |
| Depreciation                                   | 1,830,027                          | 1,867,054                          | 37,027                           | 2.0%                                |
| Bad Debt Expense                               | 24,000                             | 11,642                             | (12,358)                         | -51.5%                              |
| Interest Expense                               | 1,200                              | 6,161                              | 4,961                            | 413.4%                              |
| Loss From Disposal Of Assets                   | -                                  | 11,293                             | 11,293                           |                                     |
| <b>TOTAL EXPENSES</b>                          | <b>44,361,228</b>                  | <b>42,529,372</b>                  | <b>(1,831,856)</b>               | <b>-4.1%</b>                        |
| <b>NET OPERATING INCOME OR (LOSS)</b>          | <b>\$ (715,476)</b>                | <b>\$ (29,825)</b>                 | <b>\$ 685,651</b>                |                                     |
| Difference between Depreciation and Capital    | 715,476                            | 1,212,338                          | 496,862                          |                                     |
| <b>MODIFIED NET OPERATING INCOME OR (LOSS)</b> | <b>\$ -</b>                        | <b>\$ 1,182,513</b>                | <b>\$ 1,182,513</b>              |                                     |



**Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
August 16, 2016**

**WISCONSIN STATE LABORATORY OF HYGIENE  
COMPARATIVE INCOME STATEMENT  
For the 12 months ended June 30, 2016 and June 30, 2015**

|                                                | <b>Fiscal Year<br/>2016 Actual</b> | <b>Fiscal Year<br/>2015 Actual</b> | <b>Variance<br/>Over/(Under)</b> | <b>Percentage<br/>Change</b> |
|------------------------------------------------|------------------------------------|------------------------------------|----------------------------------|------------------------------|
| <b>SUPPORT AND REVENUE</b>                     |                                    |                                    |                                  |                              |
| Laboratory Services Revenues (Note 3)          |                                    |                                    |                                  |                              |
| Agency                                         | \$ 6,247,432                       | \$ 6,113,564                       | \$ 133,868                       | 2.2%                         |
| Nonagency                                      | 18,739,368                         | 18,454,615                         | 284,753                          | 1.5%                         |
| GPR Funding                                    | 11,038,195                         | 10,783,100                         | 255,095                          | 2.4%                         |
| OWI Fund Revenues                              | 1,619,200                          | 1,892,000                          | (272,800)                        | -14.4%                       |
| Grant Funding                                  | 4,829,691                          | 5,156,545                          | (326,854)                        | -6.3%                        |
| Interest Income                                | 25,661                             | 10,429                             | 15,232                           | 146.1%                       |
| <b>TOTAL SUPPORT AND REVENUE</b>               | <b>42,499,547</b>                  | <b>42,410,253</b>                  | <b>89,294</b>                    | <b>0.2%</b>                  |
| <b>EXPENSES</b>                                |                                    |                                    |                                  |                              |
| Salaries                                       | 17,568,657                         | 18,169,710                         | (601,053)                        | -3.3%                        |
| Fringe Benefits                                | 6,948,802                          | 7,146,578                          | (197,776)                        | -2.8%                        |
| Supplies & Services                            | 13,020,638                         | 14,091,346                         | (1,070,708)                      | -7.6%                        |
| Transfer Overhead to UW                        | 727,562                            | 779,987                            | (52,425)                         | -6.7%                        |
| Building Rent                                  | 2,367,563                          | 2,236,016                          | 131,547                          | 5.9%                         |
| Depreciation                                   | 1,867,054                          | 2,003,840                          | (136,786)                        | -6.8%                        |
| Bad Debt Expense                               | 11,642                             | 15,013                             | (3,371)                          | -22.5%                       |
| Interest Expense                               | 6,161                              | 2,405                              | 3,756                            | 156.2%                       |
| Loss From Disposal Of Assets                   | 11,293                             | -                                  | 11,293                           |                              |
| <b>TOTAL EXPENSES</b>                          | <b>42,529,372</b>                  | <b>44,444,895</b>                  | <b>(1,915,523)</b>               | <b>-4.3%</b>                 |
| <b>NET OPERATING INCOME OR (LOSS)</b>          | <b>\$ (29,825)</b>                 | <b>\$ (2,034,642)</b>              | <b>\$ 2,004,817</b>              |                              |
| Difference between Depreciation and Capital    | 1,212,338                          | 232,211                            | 980,127                          |                              |
| <b>MODIFIED NET OPERATING INCOME OR (LOSS)</b> | <b>\$ 1,182,513</b>                | <b>\$ (1,802,431)</b>              | <b>\$ 2,984,944</b>              |                              |

**WISCONSIN STATE LABORATORY OF HYGIENE  
COMPARATIVE BALANCE SHEET  
As of June 30, 2016 and June 30, 2015**

**ASSETS**

|                                             | <u>June 30, 2016</u> | <u>June 30, 2015</u> |
|---------------------------------------------|----------------------|----------------------|
| <b>CURRENT ASSETS</b>                       |                      |                      |
| Cash                                        | \$ 11,305,134        | \$ 8,918,171         |
| Cash-restricted-newborn screening surcharge | 2,538,451            | 1,880,797            |
| Net accounts receivables (Note 2)           | 3,105,813            | 3,764,249            |
| Other receivables                           | 743,227              | 830,324              |
| Inventories                                 | 87,324               | 66,402               |
| Prepaid expenses                            | 165,006              | 219,915              |
| Total current assets                        | <u>17,944,955</u>    | <u>15,679,858</u>    |
| <b>EQUIPMENT AND BUILDING IMPROVEMENTS</b>  |                      |                      |
| Equipment                                   | 24,901,000           | 25,203,234           |
| Building improvements                       | 7,211,782            | 7,221,347            |
|                                             | <u>32,112,782</u>    | <u>32,424,581</u>    |
| Less accumulated depreciation               | <u>(23,374,240)</u>  | <u>(22,381,321)</u>  |
| Total net fixed assets                      | <u>8,738,542</u>     | <u>10,043,260</u>    |
| <b>Total Assets</b>                         | <u>\$ 26,683,497</u> | <u>\$ 25,723,118</u> |

**LIABILITIES AND EQUITY**

**CURRENT LIABILITIES**

|                                      |                  |                  |
|--------------------------------------|------------------|------------------|
| Salaries payable                     | \$ 507,402       | \$ 544,580       |
| Accounts payable                     | 909,966          | 298,411          |
| Newborn screening surcharge payable  | 2,538,451        | 1,880,797        |
| Accrued expenses                     | 140,767          | 437,498          |
| Notes Payable - current              | -                | 94,390           |
| Proficiency testing deferred revenue | 969,145          | 1,023,877        |
| Newborn screening deferred revenue   | 2,416,322        | 2,225,598        |
| Compensated Absences (Note 5)        | 668,222          | 695,205          |
| Total current liabilities            | <u>8,150,275</u> | <u>7,200,356</u> |

**LONG TERM DEBT**

|                               |                  |                  |
|-------------------------------|------------------|------------------|
| Compensated Absences (Note 5) | <u>1,649,847</u> | <u>1,587,530</u> |
| Total long term debt          | <u>1,649,847</u> | <u>1,587,530</u> |
| <b>Total Liabilities</b>      | <u>9,800,122</u> | <u>8,787,886</u> |

**EQUITY**

|                                       |                      |                      |
|---------------------------------------|----------------------|----------------------|
| Retained earnings-restricted (Note 4) |                      |                      |
| Operating contingency                 | 1,700,516            | 2,282,927            |
| Total restricted retained earnings    | <u>1,700,516</u>     | <u>2,282,927</u>     |
| Net Operating Income or (Loss)        | (29,825)             | (2,034,642)          |
| Retained earnings-unrestricted        | 9,783,968            | 11,271,534           |
| Contributed capital                   | 5,428,716            | 5,415,413            |
| Total unrestricted retained earnings  | <u>15,182,859</u>    | <u>14,652,305</u>    |
| <b>Total Equity</b>                   | <u>16,883,375</u>    | <u>16,935,232</u>    |
| <b>Total Liabilities and Equity</b>   | <u>\$ 26,683,497</u> | <u>\$ 25,723,118</u> |

|                     |           |           |
|---------------------|-----------|-----------|
| Contingency Funding | 9,794,680 | 8,479,502 |
|---------------------|-----------|-----------|

**WISCONSIN STATE LABORATORY OF HYGIENE**  
**STATEMENT OF CASH FLOWS**  
**For the Period July 1, 2015 through June 30, 2016**

**CASH FLOWS FROM OPERATING ACTIVITIES**

|                                                                                   |             |
|-----------------------------------------------------------------------------------|-------------|
| Net income                                                                        | \$ (29,825) |
| Adjustments to reconcile net income to net cash provided by operating activities: |             |
| Depreciation                                                                      | 1,867,054   |
| Changes in working capital components:                                            |             |
| Decrease in net accounts receivables                                              | 658,436     |
| Decrease in other receivables                                                     | 87,097      |
| (Increase) in inventories                                                         | (20,922)    |
| Decrease in prepaid expenses                                                      | 54,909      |
| (Decrease) in salaries payable                                                    | (37,178)    |
| Increase in accounts payable                                                      | 611,555     |
| Increase in newborn screening surcharge payable                                   | 657,654     |
| (Decrease) in accrued expenses                                                    | (296,731)   |
| (Decrease) in notes payable - current                                             | (94,390)    |
| (Decrease) in proficiency testing deferred revenue                                | (54,732)    |
| Increase in newborn screen deferred revenue                                       | 190,724     |
| Net cash provided (used) in operating activities                                  | 3,593,651   |

**CASH FLOWS FROM INVESTING ACTIVITIES**

|                                                       |           |
|-------------------------------------------------------|-----------|
| Purchase of equipment and physical plant improvements | (549,034) |
| Net cash (used in) investing activities               | (549,034) |

**CASH FLOWS FROM FINANCING ACTIVITIES**

|                                                  |           |
|--------------------------------------------------|-----------|
| Principal payment on Capital Lease               | -         |
| Net cash provided (used in) financing activities | -         |
| Net increase (decrease) in cash                  | 3,044,617 |

**Cash:**

|           |               |
|-----------|---------------|
| Beginning | 10,798,968    |
| Ending    | \$ 13,843,585 |

**WISCONSIN STATE LABORATORY OF HYGIENE**  
**NOTES TO THE FINANCIAL STATEMENTS**  
For the period July 1, 2015 through June 30, 2016

**NOTE 1 –NATURE OF BUSINESS AND SIGNIFICANT ACCOUNTING POLICIES**

Nature of Business:

- The Wisconsin State Laboratory of Hygiene (WSLH) is a governmental institution which provides medical, industrial and environmental laboratory testing and related services to individuals, private and public agencies, including the Department of Natural Resources (DNR) and the Department of Health Services (DHS). Approximately 75% of the WSLH operating revenues are program revenues, including contracts, grants, and fee-for-service billing. The remainder are general purpose revenues (GPR), which are Wisconsin state general fund dollars.

Budgetary Data:

- Fiscal Year 2015-2016 operating budget amounts were approved by the WSLH Board on June 23, 2015.

Basis of Presentation:

- The financial statements have been prepared on a modified accrual basis following Generally Accepted Accounting Principles (GAAP).

Basis of Accounting:

- Revenues are recognized at the completion of the revenue generating processes. Fee-for-service revenues are generally recognized in the period services are completed.
- Revenues from GPR, OWI, Grants, and expense reimbursement contracts for salaries, fringe benefits, capital, and supplies are recognized as expended.
- Expenses are recognized and accrued when the liability is incurred.

Estimates and assumptions:

- The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying footnotes. Actual results could differ from those estimates.

Assets:

- Cash is considered restricted if, by prior agreement with an outside entity, it must be segregated for future use by the outside entity or by WSLH at the outside entity's behest. As of June 30, 2016 available cash is restricted in an amount equal to the newborn screening surcharge payable to the Wisconsin Department of Health Services.
- Accounts receivable are reported at net realizable value. Net realizable value is equal to the gross amount of receivables less an estimated allowance for uncollectible amounts.
- Inventory is stated at cost (first in, first-out method).
- Equipment and building improvements are carried at cost. Expenditures for assets in excess of \$5,000 are capitalized. Depreciation is computed by the straight-line method.

Liabilities

- A liability for unearned revenue is recognized for prepaid receipts for WSLH-provided Proficiency Testing programs and for prepaid newborn screening tests.

**NOTE 2- ACCOUNTS RECEIVABLE**

- Accounts receivable and allowance for uncollectible account balances as of June 30, 2016 and June 30, 2015 are as follows:

|                           | <u>June 30, 2016</u> | <u>June 30, 2015</u> |
|---------------------------|----------------------|----------------------|
| Accounts Receivable Total | \$3,495,123          | \$4,255,019          |
| Allowance for bad debt    | <u>(389,310)</u>     | <u>(490,770)</u>     |
| Net Receivables           | \$3,105,813          | \$3,764,249          |

**NOTE 3- LABORATORY SERVICES REVENUES**

- At the Board’s request, Laboratory Service Revenues on the Income Statement have been divided into two groups, Agency and Non-Agency, as follows:

Agency:

- Department of Natural Resources
- Department of Health Services
- Department of Agriculture, Trade and Consumer Protection
- University of Wisconsin
- Office of Justice Assistance
- Wisconsin Emergency Management

Non-Agency:

- UW Hospital Authority
- Medicare and Medicaid
- Municipalities
- Law Enforcement Agencies
- Proficiency Testing
- Newborn Screening
- All other revenues from individuals, businesses, clinics, and hospitals.

**NOTE 4- RETAINED EARNINGS - RESTRICTED**

- The operating contingency is computed annually and reflects two months of salary and fringe benefit cost for positions funded from program revenues. The contingency fund is considered adequately funded if working capital is greater than the contingency fund restriction. As of June 30, 2016 working capital (current assets less current liabilities) was \$9,794,680 thereby meeting the target contingency reserve requirement of \$1,700,516.

**NOTE 5- COMPENSATED ABSENCES**

- GASB Statement No. 16, “Accounting for Compensated Absences,” establishes standards of accounting and reporting for compensated absences by state and local governmental entities for which employees will be paid such as vacation, sick leave, and sabbatical leave. Using the criteria in Statement 16, a liability for compensated absences that is attributable to services already rendered and that is not contingent on a specific event that is outside the control of the State and its employees has been accrued. The table below details the liability by benefit category:

|           | Total              | Vacation         | Pers Hol         | Legal Hol      | Comp Time      | Sabbatical         |
|-----------|--------------------|------------------|------------------|----------------|----------------|--------------------|
| Current   | \$668,222          | \$449,903        | \$114,430        | \$1,184        | \$3,769        | \$98,936           |
| Long Term | 1,649,847          | -                | -                | -              | -              | 1,649,847          |
|           | <u>\$2,318,069</u> | <u>\$449,903</u> | <u>\$114,430</u> | <u>\$1,184</u> | <u>\$3,769</u> | <u>\$1,748,783</u> |

**Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
August 16, 2016**

**BUSINESS ITEMS**

**Item 7. ENGAGEMENT, INCLUSION, AND DIVERSITY (EID) UPDATE**

**Description of the Item:**

The WSLH has participated in the UW-Madison Vice Chancellor for Finance and Administration's Engagement, Inclusion and Diversity (EID) activities for the past four years. WSLH staff has participated in surveys and developed recommendations based on survey results, and WSLH Finance Director Marie Ruetten has served on the VCFA's EID Council. Although the WSLH's reporting relationship has moved from the VCFA to the UW-SMPH, the WSLH Strategic Leadership Team recommitted to acting on several staff recommendations and appointed WSLH Public Affairs Manager Jan Klawitter as EID Coordinator. Jan will provide the Board with an update on EID activities and discuss future plans.

**Suggested Board Action:**

Receive for information.

**Staff Recommendations and Comments:**

Receive for information.

Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
August 16, 2016

**BUSINESS ITEMS**

**Item 8. STRATEGIC PRIORITIES UPDATE**

**Description of the Item:**

Prioritization Process Tool: One of the 2015-2017 Strategic Map deliverables was to develop a simple prioritization process tool for the Director's use as a data-driven method to help guide growth investment decisions and future strategic planning goals for WSLH. This tool is currently being implemented and will be demonstrated to the board.

**Suggested Board Action:**

Receive for information.

**Staff Recommendations and Comments:**

Receive for information.

Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
August 16, 2016

**BUSINESS ITEMS**

**Item 9. CONTRACTS REPORT**

**Description of the Item:**

The table on the following page contains the major grants and contracts that have been received since the last Board meeting. WSLH staff will be available to provide more details on these grants and contracts.

**Suggested Board Action:**

Receive for information.

**Staff Recommendations and Comments:**

There are no contracts requiring board approval.



| CUSTOMER                                   | CONTRACT NAME        | START DATE | END DATE   | ACCOUNT NAME                                                                       | SCOPE OF WORK                                                                                                                                                                                                    | AWARD AMOUNT | WSLH DIV |
|--------------------------------------------|----------------------|------------|------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|
| Wisconsin Department of Health Services    | 111112- PO6441       | 1-Jul-16   | 30-Jun-17  | Newborn Screening Program Coordinator                                              | 1.0 FTE (T. Horzewski) to provide NBS Congenital Coordinator services for state of WI.                                                                                                                           | \$ 86,421    | DPD      |
| Wisconsin Department of Health Services    | 111115-PO5665        | 1-Jul-16   | 30-Jun-17  | Newborn Screening Genetics Consultant                                              | 1.0 FTE (currently M. Kempf-Weibel) to provide NBS Genetics Coordinator services for state of WI.                                                                                                                | \$ 86,304    | DPD      |
| Wisconsin Department of Health Services    | 10000001357 - PO TBD | 1-Jul-16   | 30-Jun-17  | Radiation Protection Services                                                      | Routine and emergency testing as well as capacity maintenance for public protection from radiation hazards.                                                                                                      | \$ 81,086    | EHD      |
| Wisconsin Department of Health Services    | 122074 - PO6081      | 1-Aug-15   | 31-Jul-16  | ELC Project I: Enterics                                                            | ELC Enterics Amendment 001 to include purchase of BioFire Film Array instrument and kits.                                                                                                                        | \$ 46,979    | CDD      |
| Wisconsin Department of Health Services    | 137022 - PO6401      | 1-Aug-15   | 31-Jul-16  | ELC Project H: Cross-Cutting Outbreak Capacity Project                             | For Elizabethkingia associated testing, including EK cultures, MALDI-TOF bacterial identification, and pulsed field gel electrophoresis.                                                                         | \$ 100,000   | CDD      |
| Wisconsin Department of Health Services    | 137023 - PO TBD      | 1-Jul-16   | 30-Jun-17  | Public Health Preparedness: Zika                                                   | Purchase of PCR ABI 7500s for screening, testing and analysis; build Arbovirus testing capabilities for Zika, CHIK and DEN.                                                                                      | \$ 91,000    | CDD      |
| Association of Public Health Laboratories  | 56400-200-921-17-01  | 1-Jul-16   | 31-Dec-16  | Influenza RRT-PCR                                                                  | Evaluation of alternative real-time PCR instruments for use with CDC Influenza rRT-PCR diagnostic panel via Quiagen Rotor-Gene Q.                                                                                | \$ 5,000     | CDD      |
| Association of Public Health Laboratories  | 56400-200-921-16-01  | 25-Sep-15  | 31-Jul-16  | National Influenza Surveillance Reference Centers - additional funds and extension | Purchase of Quiagen QIA Cube HT instrument to increase throughput capacity for influenza next generation sequencing as part of the Influenza project.                                                            | \$ 46,000    | CDD      |
| Association of Public Health Laboratories  | 56400-200-902-17-03  | 1-Jul-16   | 30-Jun-17  | Vaccine Preventable Diseases                                                       | Molecular, genotyping and serogrouping/typing assays for viral and bacterial Vaccine Preventable Diseases, plus specimen repository and performance evaluation testing panels to support a shared service model. | \$ 450,000   | CDD      |
| Wisconsin Department of Natural Resources  | PO TBD               | 7/1/2016   | 3/30/2017  | WDNR DG076                                                                         | Lake Winnebago Blue Green Study - aquatic toxicology                                                                                                                                                             | \$ 34,680    | EHD      |
| Wisconsin Department of Natural Resources  | 37000-0000002327     | 7/1/2016   | 6/30/2017  | WDNR ST011                                                                         | Source Tracking Samples - water micro and organics                                                                                                                                                               | \$ 8,000     | EHD      |
| Wisconsin Department of Natural Resources  | 37000-0000002299     | 7/1/2016   | 6/30/2017  | WDNR RR050                                                                         | Portage Canal Sediment - metals analysis                                                                                                                                                                         | \$ 2,520     | EHD      |
| Wisconsin Department of Natural Resources  | 37000-0000001943     | 7/1/2016   | 6/30/2017  | WDNR NL100                                                                         | Beach Sample Shipment and Shiga Toxin Testing - water microbiology                                                                                                                                               | \$ 16,000    | EHD      |
| Wisconsin Department of Natural Resources  | 37000-0000001926     | 7/1/2016   | 6/30/2017  | WDNR FH099                                                                         | Tissue Grinding and Storage                                                                                                                                                                                      | \$ 13,560    | EHD      |
| Wisconsin Department of Natural Resources  | 37000-0000001925     | 7/1/2016   | 6/30/2017  | WDNR NL099                                                                         | Biomonitoring Lab Support - aquatic toxicology                                                                                                                                                                   | \$ 36,000    | EHD      |
| Wisconsin Department of Natural Resources  | 37000-0000001924     | 7/1/2016   | 6/30/2017  | WDNR GL045                                                                         | Lake Michigan Phosphorus Loading Studies - inorganic chemistry                                                                                                                                                   | \$ 12,871    | EHD      |
| Wisconsin Department of Natural Resources  | 37000-0000001922     | 7/1/2016   | 6/30/2017  | WDNR GL046                                                                         | Lake Superior Phosphorus Loading Studies - inorganic chemistry                                                                                                                                                   | \$ 10,558    | EHD      |
| Wisconsin Department of Natural Resources  | 37000-0000001903     | 7/1/2016   | 6/30/2017  | WDNR FH100                                                                         | Fish Tissue Processing                                                                                                                                                                                           | \$ 6,000     | EHD      |
| Wisconsin Department of Natural Resources  | 37000-0000001902     | 7/1/2016   | 6/30/2017  | WDNR DG071                                                                         | Public Water Supply Data Management and Customer Support                                                                                                                                                         | \$ 20,000    | EHD      |
| Wisconsin Department of Natural Resources  | 37000-0000001956     | 7/1/2016   | 6/30/2017  | WDNR RR049                                                                         | Remediation and Redevelopment Laboratory Support - organic and inorganic chemistry                                                                                                                               | \$ 15,000    | EHD      |
| Wisconsin Department of Natural Resources  | 37000-0000001955     | 7/1/2016   | 6/30/2017  | WDNR AM172                                                                         | Horicon Air Toxic Site - WOHL, organic chemistry and air chemistry                                                                                                                                               | \$ 76,083    | EHD      |
| Wisconsin Department of Natural Resources  | 37000-0000002363     | 7/1/2016   | 12/31/2016 | WDNR AM171                                                                         | Photochemical Assessment Monitoring - WOHL and organic chemistry                                                                                                                                                 | \$ 10,737    | OHSD     |
| Wisconsin Department of Natural Resources  | 37000-0000001952     | 7/1/2016   | 6/30/2017  | WDNR AM176                                                                         | PM 2.5 Monitoring - air chemistry                                                                                                                                                                                | \$ 41,732    | EHD      |
| Wisconsin Department of Natural Resources  | 37000-00000020056    | 7/1/2016   | 6/30/2017  | WDNR SH021                                                                         | Citizen Lake Monitoring Network                                                                                                                                                                                  | \$ 88,300    | EHD      |
| Wisconsin Department of Natural Resources  | 37000-0000002362     | 7/1/2016   | 6/30/2016  | WDNR AM173                                                                         | Urban Air Toxic Monitoring                                                                                                                                                                                       | \$ 36,804    | EHD      |
| Wisconsin Department of Natural Resources  | 37000-0000002361     | 7/1/2016   | 6/30/2017  | WDNR AM174                                                                         | PM 10 Air Monitoring - air chemistry                                                                                                                                                                             | \$ 8,364     | EHD      |
| Wisconsin Department of Natural Resources  | 37000-0000002364     | 7/1/2016   | 6/30/2017  | WDNR AM175                                                                         | Bulk Asbestos Samples                                                                                                                                                                                            | \$ 10,260    | OHSD     |
| Centers for Disease Control and Prevention | 200-2014-M-60781     | 9/16/2016  | 9/15/2017  | CDC LAMP Bovine                                                                    | Modification of CDC LAMP Bovine agreement for additional year. CDC Quality Assurance Programs for Lead and Multi-element Proficiency Testing.                                                                    | \$ 49,230    | LID      |

**Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
August 16, 2016**

**BUSINESS ITEMS**

**Item 10. DIRECTOR'S REPORT**

- A. Disease Updates**
- B. Board Meeting Dates**
  - **Vote on changing frequency of meetings**
  - **Determine next meeting dates**
- C. Dr. Brokopp CAP award**
- D. All Staff Picnic**
- E. Public or Environmental Health Incidents of Educational Interest**
- F. Water Systems Report**



COLLEGE of AMERICAN  
PATHOLOGISTS

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July 12, 2016

Charles Brokopp MPH, MT(ASCP), DRPH  
Wisconsin State Laboratory of Hygiene  
465 Henry Mall  
Madison WI 53706-1501

CAP Inspector Number: 1476173

Dear Dr. Brokopp:

The College of American Pathologists (CAP) would like to recognize you for your commitment to laboratory excellence demonstrated by participating in inspections for a total of 3 or more days in 2015. The CAP relies on you to demonstrate the highest professional standards during the inspection of clinical laboratories. Your hard work, expertise, and steadfast commitment to quality are invaluable assets to the CAP's Laboratory Accreditation Program.

To acknowledge the immeasurable value you have brought and continue to bring to the program, the CAP has instituted an Inspector Recognition Program. In addition to your name being published in the June 2016 edition of CAP Today, enclosed is a personalized certificate of appreciation and an inspector name badge for your use in future inspections.

Thank you for your continued support of laboratory excellence and for helping to ensure that the CAP Laboratory Accreditation Program is the most respected and recognized laboratory accreditation program in the world. If we can assist you in any way, please call 800-323-4040 option 1 or email [accred@cap.org](mailto:accred@cap.org).

Sincerely,

Richard M. Scanlan, MD, FCAP  
Chair, Commission on Laboratory Accreditation

Enclosures (2)

**Report to the Wisconsin State Laboratory of Hygiene Board**

**Representative Public or Environmental Health Incidents of Educational Interest  
For the Period June 7 – July 29, 2016**

| <b>Approx. Date</b>               | <b>Agent or Event Name</b>                           | <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Current Status</b> |
|-----------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| <b>OUTBREAKS and INCIDENTS</b>    |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |
| January 2016                      | <i>Elizabethkingia anophelis</i>                     | <p>More than 60 patients in Wisconsin have tested positive for <i>Elizabethkingia anophelis</i>. As part of a joint investigation with WDPH and CDC, the WSLH performed PFGE testing on patient specimens. Testing of possible product sources and environmental samples has yet to reveal the source of these infections. WSLH and WDPH were able to secure supplemental funding from CDC to defray some of the costs incurred during this lengthy investigation.</p> <p>Multiple sequence-based genetic studies of the isolates are ongoing at CDC and their research laboratory partners to further characterize the bacteria origin and relatedness to one another.</p> | Wrapping up<br>Soon   |
| January 2016                      | Zika virus                                           | <p>In March, CDC received Emergency Use Authorization (EUA) from the FDA for both a triplex PCR test that can test for Zika, Dengue and Chikungunya viruses from one patient specimen, as well as an IgM MAC-ELISA test that can test for Zika virus antibodies. The WSLH received validation materials for both tests, passed our validation and began offering the tests the week of March 28<sup>th</sup>. All test requests still must be approved by WDPH.</p> <p>As of July 28<sup>th</sup>, the WSLH has performed 184 PCR tests and 382 IgM tests. NOTE: Some patients may have had both tests performed.</p>                                                       | Ongoing               |
| June 2016                         | Novel Swine Influenza A H1                           | <p>WSLH and CDC confirmed a novel swine influenza A HI virus in a person who worked on a swine farm. There was no spread to any other people.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Closed                |
| <b>RECENT EVENTS and FINDINGS</b> |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |
| April 15, 2016                    | Wisconsin Clinical Laboratory Network - Communicable | <p>Almost 80 clinical laboratorians from across WI gathered in Wisconsin Dells for the Wisconsin Clinical Laboratory Network (WCLN) 2016 – Molecular Testing and Emerging Technologies workshop. Some of the topics discussed at the</p>                                                                                                                                                                                                                                                                                                                                                                                                                                    | Complete              |

|                  |                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |
|------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|                  | Disease Division                                                      | <p>workshop were automation in the microbiology laboratory, the science behind molecular assays, next generation sequencing, and multiplex syndromic testing.</p> <p>Another topic which generated some great discussion was waived point of care molecular testing. Now that CMS/CLIA allow non-laboratory personnel to perform waived Point of Care (POC) molecular testing, there was much concern about the ability of non-laboratorians to recognize false positive results potentially due to contamination of the assay or area where testing is being performed.</p> <p>The workshop was a great success, earning high praise from those in attendance.</p>                  |          |
| May 11, 2016     | Wisconsin Clinical Laboratory Network - Communicable Disease Division | <p>The May WCLN educational webinar offering was “<i>Battling Infections of the Central Nervous System</i>”. The guest presenter was Dr. Blake Buchan from The Medical College of WI and Wisconsin Diagnostic Laboratory, Milwaukee, WI. Dr. Buchan provided a broad review of infections of the central nervous system (CNS), including the risk factors, common clinical presentations and treatment. The main focus of the presentation was on the causative organisms that should be considered in cases of CNS infection, and the various laboratory diagnostics approaches available to identify those organisms. About 95 clinical laboratorians joined the live webinar.</p> | Complete |
| May 2016         | CDC RT-PCR for Rabies Pilot Study                                     | <p>The WSLH is one of eight state labs participating in a pilot study helping validate a pan-rabies real-time PCR assay developed by CDC. The WSLH will test 300 rabies specimens over the coming months using both the standard DFA method and the CDC’s RT-PCR assay and send test result data to CDC.</p>                                                                                                                                                                                                                                                                                                                                                                         | Ongoing  |
| June 20-24, 2016 | UW Public Health Laboratory Course – Population Health Sciences 650   | <p>Newborn Screening Laboratory Co-Director Dr. Patrice Held developed a one-week, one-credit UW course for undergraduate and graduate students focused on the public health laboratory. Twelve students enrolled in the inaugural course that was taught at both the Henry Mall and AG Drive facilities and included both lecture and lab tours.</p> <p>The goal of the course was to teach the students about the large breadth of testing offered by the</p>                                                                                                                                                                                                                      | Complete |

|               |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |
|---------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|               |                                                                                                            | <p>WSLH and how that testing is used to impact public health. There was also a focus on policies and the interaction of the laboratory with state and federal agencies to oversee public health for all citizens.</p> <p>Multiple WSLH staff and one DPH staffer served as faculty for the course including:</p> <ul style="list-style-type: none"> <li>• Jan Klawitter - Intro to the PH Lab</li> <li>• Erik Reisdorf – Emerging Infectious Diseases and the Threat to Global Health</li> <li>• Julie Tans-Kersten – TB Surveillance</li> <li>• Patrice Held – Newborn Screening</li> <li>• Tim Monson (WSLH) and Rachel Klos (DPH) - Foodborne Disease Outbreaks and Surveillance</li> <li>• Jeremy Olstadt - (1) Microbial Source Tracking and (2) Milwaukee Cryptosporidium Outbreak</li> <li>• Noel Stanton - Lead Testing</li> <li>• Steve Strebel - Occupational Health</li> <li>• Amy Miles - Forensic Toxicology</li> <li>• Dr. Chuck Brokopp - Public Health Laboratory Preparedness, Information Exchange, Regulations</li> </ul> <p>Feedback from students was very positive with many suggesting another week be added to the course in future years.</p> |          |
| June 24, 2016 | Cytogenetics / VA Hospital contract review                                                                 | UW Cytogenetics at the WSLH received a very positive review from the U.S Veterans Health Administration for the cytogenetics reference laboratory services it provides to the William S. Middleton Memorial Veterans Hospital in Madison. The review said the services provided are “exceptional”. The contract (\$255,000+) has been renewed for another year.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Complete |
| July 1, 2016  | <i>Public Health Reports</i> article on WI Dept. of Corrections Hepatitis C virus (HCV) testing evaluation | The July/August 2016 issue of <i>Public Health Reports</i> includes the article “Performance of Risk-Based and Birth-Cohort Strategies for Identifying Hepatitis C Virus Infection Among People Entering Prison, Wisconsin, 2014” authored by WSLH Communicable Disease Manager Audrey Prieve, WI Division of Public Health staffers Lauren Stockman, Sheila Guilfoyle and Dr. Jim Vergeront, as well WI Dept. of Corrections staff and UW School of Medicine and Public Health                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Complete |

|                   |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |
|-------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|                   |                                                                                    | <p>faculty.</p> <p>The study "... examined the prevalence of HCV infection among male and female inmates entering two Wisconsin prisons and evaluated existing and alternate risk-based strategies for identifying HCV infection at intake. ...</p> <p>"Conclusion: The WDOC risk criteria for HCV testing identified 88% of HCV infections among prison entrants. Including the 1945–1965 birth cohort as a criterion along with the other WDOC risk criteria increased the sensitivity of targeted testing to 92%. These findings may be informative to jurisdictions where universal HCV testing is not feasible because of resource limitations."</p> |          |
| July 7-11, 2016   | Hazmat incident, La Crosse                                                         | The WSLH Chemical Response Program provided testing services and guidance relating to a hazardous materials incident in La Crosse. A variety of leaking chemicals were found in a residence, and some responders had potential exposure. WSLH also helped coordinate communication between public health and responders on site.                                                                                                                                                                                                                                                                                                                          | Complete |
| July 12- 13, 2016 | Flow cytometry Department                                                          | The WSLH Flow Cytometry Department-run proficiency testing program (PT) for <i>Cryptosporidium</i> in drinking water was re-accredited to the ISO 17043 standard by the ANSI-ASQ National Accreditation Board (ANAB). There were no deficiencies, nor any written opportunities for improvement cited during the audit, a first for the auditor in his 15 years auditing laboratories. This PT Program supports more than 60 <i>Cryptosporidium</i> testing laboratories in the U.S., Canada, Australia, and the U.K. It is the only program of its kind in the Americas and the only ISO-accredited <i>Cryptosporidium</i> PT program in the world.      | Complete |
| July 13, 2016     | Newborn Screening -- Holtz Center for Science and Technology Studies Summer School | WSLH Newborn Screening Laboratory Co-Director Dr. Mei Baker gave a presentation on newborn screening as part of the Holtz Center for Science and Technology Studies Summer School at UW-Madison. The theme of the course was "Disclosing/Enclosing: The Paradoxes of Information Flow in Knowledge Communities." Twenty-four graduate students in the life, physical and social sciences from 6 countries participated. After the presentation Dr. Baker and NBS Supervisor Greg Kopish toured the students and                                                                                                                                           | Complete |

|               |                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |
|---------------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|               |                                                                       | faculty through the NBS lab.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |
| July 14, 2016 | BLS/OSH program                                                       | Rebecca Adams, Jameson Bair, Samantha Nelson, and Alannah Birkinsha completed the BLS Survey of Occupational Injuries and Illnesses (SOII). This annual data collection of work injuries surveys 250,000 companies nationwide and takes 7 months to complete. The BLS/OSH group collects from 6,000 Wisconsin employers. An audit will take place at the BLS regional office in Chicago in early August to identify any anomalies in the data collected. Publication of the data is expected in late November. | Ongoing  |
| July 15, 2016 | Tox symposium for coroners/MEs                                        | Nearly 90 attendees from coroners and medical examiners offices across the state attended a symposium sponsored by the WSLH Forensic Toxicology Section. Topics included heroin, the opioid epidemic, and sudden death and unintentional drug overdose review team. Funding for the symposium came from the UW Administrative Process Improvement Award the Tox Section received last year.                                                                                                                    | Complete |
| July 22, 2016 | Wisconsin Clinical Laboratory Network - Communicable Disease Division | On July 22, 2016 at the Northcentral Technical College in Wausau, WI, we hosted a half day hands on wet workshop to enhance the gram staining skill of WI clinical laboratorians. After an hour lecture to review some Gram stain basics, 14 individuals enjoyed practicing their Gram staining, reading, and reporting skills during the wet workshop portion of the day. Those attending the workshop enjoyed the individualized help and mentoring they received at the workshop.                           | Complete |



Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
August 16, 2016

**Report to the  
Wisconsin State Laboratory of Hygiene Board  
Water Systems Tests by the WSLH  
For the period June 1, 2016 through July 31, 2016**

|                                                                                       |       |
|---------------------------------------------------------------------------------------|-------|
| Number of systems on a boil water notice                                              | 2     |
| Number of water systems tested                                                        | 2594  |
| Percent of systems on a boil water notice                                             | 0.08% |
| Number of boil water notices for <u>municipal community water</u> systems.            | 0     |
| Number of boil water notices for <u>other than a municipal community water</u> system | 1     |
| Number of boil water notices for <u>non-transient, non-community</u> water systems.   | 0     |
| Number of boil water notices for <u>transient water systems</u> .                     | 1     |

|             | # of systems tested by SLH |    |    |     | # of Boil Water Notices |    |    |    |
|-------------|----------------------------|----|----|-----|-------------------------|----|----|----|
|             | MC                         | OC | NN | TN  | MC                      | OC | NN | TN |
| Adams       | 3                          | 2  | 0  | 2   | 0                       | 0  | 0  | 0  |
| Ashland     | 3                          | 0  | 0  | 4   | 0                       | 0  | 0  | 0  |
| Barron      | 2                          | 2  | 3  | 104 | 0                       | 0  | 0  | 0  |
| Bayfield    | 1                          | 0  | 2  | 1   | 0                       | 0  | 0  | 0  |
| Brown       | 9                          | 1  | 1  | 7   | 0                       | 0  | 0  | 0  |
| Buffalo     | 3                          | 0  | 1  | 0   | 0                       | 0  | 0  | 0  |
| Burnett     | 0                          | 1  | 0  | 47  | 0                       | 0  | 0  | 0  |
| Calumet     | 7                          | 2  | 1  | 1   | 0                       | 0  | 0  | 0  |
| Chippewa    | 1                          | 3  | 1  | 19  | 0                       | 0  | 0  | 0  |
| Clark       | 6                          | 1  | 2  | 1   | 0                       | 0  | 0  | 0  |
| Columbia    | 10                         | 6  | 3  | 7   | 0                       | 0  | 0  | 0  |
| Crawford    | 5                          | 0  | 0  | 13  | 0                       | 0  | 0  | 0  |
| Dane        | 32                         | 11 | 12 | 25  | 0                       | 0  | 0  | 0  |
| Dodge       | 16                         | 5  | 8  | 12  | 0                       | 0  | 0  | 0  |
| Door        | 3                          | 0  | 1  | 139 | 0                       | 0  | 0  | 0  |
| Douglas     | 0                          | 0  | 0  | 13  | 0                       | 0  | 0  | 0  |
| Dunn        | 0                          | 0  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Eau Claire  | 0                          | 2  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Florence    | 1                          | 0  | 0  | 4   | 0                       | 0  | 0  | 0  |
| Fond Du Lac | 8                          | 12 | 3  | 2   | 0                       | 0  | 0  | 0  |
| Forest      | 4                          | 0  | 0  | 7   | 0                       | 0  | 0  | 0  |
| Grant       | 11                         | 6  | 1  | 10  | 0                       | 0  | 0  | 0  |
| Green       | 7                          | 1  | 1  | 3   | 0                       | 0  | 0  | 0  |
| Green Lake  | 5                          | 1  | 3  | 6   | 0                       | 0  | 0  | 0  |
| Iowa        | 6                          | 2  | 5  | 9   | 0                       | 0  | 0  | 0  |
| Iron        | 4                          | 0  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Jackson     | 3                          | 0  | 1  | 2   | 0                       | 0  | 0  | 0  |
| Jefferson   | 5                          | 4  | 9  | 19  | 0                       | 0  | 0  | 1  |
| Juneau      | 8                          | 4  | 0  | 8   | 0                       | 0  | 0  | 0  |
| Kenosha     | 0                          | 14 | 13 | 8   | 0                       | 0  | 0  | 0  |
| Kewaunee    | 3                          | 1  | 1  | 1   | 0                       | 0  | 0  | 0  |
| La Crosse   | 0                          | 3  | 6  | 1   | 0                       | 0  | 0  | 0  |
| Lafayette   | 6                          | 0  | 0  | 6   | 0                       | 0  | 0  | 0  |
| Langlade    | 1                          | 1  | 0  | 7   | 0                       | 0  | 0  | 0  |
| Lincoln     | 3                          | 0  | 0  | 1   | 0                       | 0  | 0  | 0  |
| Manitowoc   | 5                          | 3  | 4  | 3   | 0                       | 0  | 0  | 0  |
| Marathon    | 3                          | 1  | 1  | 0   | 0                       | 0  | 0  | 0  |
| Marinette   | 6                          | 0  | 0  | 17  | 0                       | 0  | 0  | 0  |
| Marquette   | 1                          | 3  | 1  | 18  | 0                       | 0  | 0  | 0  |
| Menominee   | 0                          | 0  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Milwaukee   | 2                          | 3  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Monroe      | 5                          | 3  | 0  | 23  | 0                       | 0  | 0  | 0  |
| Oconto      | 5                          | 3  | 1  | 17  | 0                       | 0  | 0  | 0  |
| Oneida      | 1                          | 4  | 2  | 6   | 0                       | 0  | 0  | 0  |
| Outagamie   | 9                          | 0  | 0  | 9   | 0                       | 0  | 0  | 0  |
| Ozaukee     | 1                          | 3  | 10 | 7   | 0                       | 0  | 0  | 0  |
| Pepin       | 0                          | 1  | 1  | 0   | 0                       | 0  | 0  | 0  |
| Pierce      | 2                          | 1  | 3  | 35  | 0                       | 0  | 0  | 0  |
| Polk        | 1                          | 0  | 0  | 21  | 0                       | 0  | 0  | 0  |
| Portage     | 3                          | 2  | 1  | 0   | 0                       | 0  | 0  | 0  |
| Price       | 3                          | 1  | 2  | 0   | 0                       | 0  | 0  | 0  |
| Racine      | 1                          | 6  | 13 | 1   | 0                       | 0  | 0  | 0  |
| Richland    | 5                          | 0  | 3  | 3   | 0                       | 0  | 0  | 0  |
| Rock        | 7                          | 12 | 7  | 31  | 0                       | 0  | 0  | 0  |
| Rusk        | 1                          | 1  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Sauk        | 8                          | 4  | 2  | 7   | 0                       | 0  | 0  | 0  |
| Sawyer      | 1                          | 0  | 2  | 1   | 0                       | 0  | 0  | 0  |
| Shawano     | 9                          | 1  | 0  | 7   | 0                       | 0  | 0  | 0  |
| Sheboygan   | 7                          | 1  | 7  | 0   | 0                       | 0  | 0  | 0  |
| St. Croix   | 1                          | 3  | 2  | 40  | 0                       | 0  | 0  | 0  |
| Taylor      | 1                          | 0  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Trempealeau | 3                          | 1  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Unknown     | 0                          | 0  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Vernon      | 4                          | 1  | 0  | 2   | 0                       | 0  | 0  | 0  |
| Vilas       | 3                          | 4  | 2  | 35  | 0                       | 0  | 0  | 0  |
| Walworth    | 2                          | 2  | 4  | 1   | 0                       | 0  | 0  | 0  |
| Washburn    | 1                          | 1  | 0  | 1   | 0                       | 0  | 0  | 0  |
| Washington  | 0                          | 5  | 3  | 1   | 0                       | 0  | 0  | 0  |
| Waukesha    | 3                          | 5  | 12 | 1   | 0                       | 0  | 0  | 0  |
| Waupaca     | 6                          | 2  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Waushara    | 4                          | 2  | 1  | 26  | 0                       | 0  | 0  | 0  |
| Winnebago   | 4                          | 0  | 1  | 0   | 0                       | 0  | 0  | 0  |
| Wood        | 4                          | 3  | 3  | 2   | 0                       | 0  | 0  | 0  |

## June 2016

### Report on Public Water System Testing

MC is municipal community water system which means a water system which serves at least 15 service connections used by year round residents or regularly serves at least 25 year round resident and is owned by a county, city, village, town, town sanitary district, or utility district.

OC is other than municipal community water system which means a community water system that is not a municipal water system. Examples of other than municipal community water systems include but are not limited to those serving mobile home parks, apartments and condominiums.

NN is non-transient non-community water system which means a non-community water system that regularly serves at least 25 of the same persons over 6 months per year. Examples of non-transient non-community water systems include those serving schools, day care centers and factories.

TN is non-community transient water system which means a non-community water system that serves at least 25 people at least 60 days of the year. Examples of transient non-community water systems include those serving taverns, motels, restaurants, churches, campgrounds and parks.

|             | # of systems tested by SLH |    |    |     | # of Boil Water Notices |    |    |    |
|-------------|----------------------------|----|----|-----|-------------------------|----|----|----|
|             | MC                         | OC | NN | TN  | MC                      | OC | NN | TN |
| Adams       | 3                          | 2  | 0  | 6   | 0                       | 0  | 0  | 0  |
| Ashland     | 3                          | 0  | 1  | 1   | 0                       | 0  | 0  | 0  |
| Barron      | 2                          | 4  | 2  | 35  | 0                       | 0  | 0  | 0  |
| Bayfield    | 1                          | 0  | 2  | 1   | 0                       | 0  | 0  | 0  |
| Brown       | 8                          | 1  | 2  | 6   | 0                       | 0  | 0  | 0  |
| Buffalo     | 3                          | 0  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Burnett     | 0                          | 1  | 1  | 16  | 0                       | 0  | 0  | 0  |
| Calumet     | 6                          | 2  | 0  | 1   | 0                       | 0  | 0  | 0  |
| Chippewa    | 1                          | 3  | 0  | 29  | 0                       | 0  | 0  | 0  |
| Clark       | 6                          | 1  | 2  | 3   | 0                       | 0  | 0  | 0  |
| Columbia    | 10                         | 7  | 4  | 4   | 0                       | 0  | 0  | 0  |
| Crawford    | 5                          | 1  | 0  | 4   | 0                       | 0  | 0  | 0  |
| Dane        | 32                         | 16 | 7  | 14  | 0                       | 0  | 0  | 0  |
| Dodge       | 16                         | 5  | 3  | 6   | 0                       | 0  | 0  | 0  |
| Door        | 3                          | 3  | 2  | 121 | 0                       | 1  | 0  | 0  |
| Douglas     | 0                          | 0  | 0  | 1   | 0                       | 0  | 0  | 0  |
| Dunn        | 0                          | 3  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Eau Claire  | 0                          | 6  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Florence    | 1                          | 0  | 1  | 5   | 0                       | 0  | 0  | 0  |
| Fond Du Lac | 8                          | 12 | 0  | 0   | 0                       | 0  | 0  | 0  |
| Forest      | 4                          | 0  | 0  | 2   | 0                       | 0  | 0  | 0  |
| Grant       | 11                         | 5  | 2  | 7   | 0                       | 0  | 0  | 0  |
| Green       | 7                          | 1  | 5  | 2   | 0                       | 0  | 0  | 0  |
| Green Lake  | 5                          | 1  | 1  | 4   | 0                       | 0  | 0  | 0  |
| Iowa        | 6                          | 2  | 2  | 15  | 0                       | 0  | 0  | 0  |
| Iron        | 5                          | 0  | 0  | 1   | 0                       | 0  | 0  | 0  |
| Jackson     | 2                          | 0  | 1  | 11  | 0                       | 0  | 0  | 0  |
| Jefferson   | 5                          | 4  | 1  | 6   | 0                       | 0  | 0  | 0  |
| Juneau      | 8                          | 4  | 1  | 16  | 0                       | 0  | 0  | 0  |
| Kenosha     | 0                          | 18 | 5  | 1   | 0                       | 0  | 0  | 0  |
| Kewaunee    | 3                          | 1  | 2  | 2   | 0                       | 0  | 0  | 0  |
| La Crosse   | 0                          | 2  | 1  | 1   | 0                       | 0  | 0  | 0  |
| Lafayette   | 6                          | 0  | 0  | 6   | 0                       | 0  | 0  | 0  |
| Langlade    | 1                          | 1  | 0  | 2   | 0                       | 0  | 0  | 0  |
| Lincoln     | 3                          | 0  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Manitowoc   | 5                          | 3  | 2  | 2   | 0                       | 0  | 0  | 0  |
| Marathon    | 3                          | 1  | 3  | 0   | 0                       | 0  | 0  | 0  |
| Marquette   | 6                          | 0  | 0  | 15  | 0                       | 0  | 0  | 0  |
| Marquette   | 1                          | 3  | 4  | 8   | 0                       | 0  | 0  | 0  |
| Menominee   | 0                          | 0  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Milwaukee   | 2                          | 3  | 1  | 0   | 0                       | 0  | 0  | 0  |
| Monroe      | 5                          | 3  | 2  | 5   | 0                       | 0  | 0  | 0  |
| Oconto      | 5                          | 4  | 0  | 8   | 0                       | 0  | 0  | 0  |
| Oneida      | 1                          | 4  | 1  | 0   | 0                       | 0  | 0  | 0  |
| Outagamie   | 9                          | 0  | 0  | 4   | 0                       | 0  | 0  | 0  |
| Ozaukee     | 1                          | 3  | 6  | 1   | 0                       | 0  | 0  | 0  |
| Pepin       | 0                          | 1  | 1  | 7   | 0                       | 0  | 0  | 0  |
| Pierce      | 2                          | 1  | 4  | 5   | 0                       | 0  | 0  | 0  |
| Polk        | 1                          | 0  | 0  | 32  | 0                       | 0  | 0  | 0  |
| Portage     | 3                          | 1  | 6  | 0   | 0                       | 0  | 0  | 0  |
| Price       | 3                          | 1  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Racine      | 1                          | 6  | 8  | 17  | 0                       | 0  | 0  | 0  |
| Richland    | 5                          | 0  | 3  | 5   | 0                       | 0  | 0  | 0  |
| Rock        | 7                          | 11 | 5  | 18  | 0                       | 0  | 0  | 0  |
| Rusk        | 1                          | 1  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Sauk        | 8                          | 4  | 4  | 17  | 0                       | 0  | 0  | 0  |
| Sawyer      | 1                          | 1  | 1  | 6   | 0                       | 0  | 0  | 0  |
| Shawano     | 9                          | 1  | 1  | 6   | 0                       | 0  | 0  | 0  |
| Sheboygan   | 7                          | 1  | 0  | 4   | 0                       | 0  | 0  | 0  |
| St. Croix   | 1                          | 3  | 0  | 35  | 0                       | 0  | 0  | 0  |
| Taylor      | 3                          | 0  | 0  | 1   | 0                       | 0  | 0  | 0  |
| Trempealeau | 3                          | 0  | 1  | 0   | 0                       | 0  | 0  | 0  |
| Unknown     | 0                          | 0  | 0  | 0   | 0                       | 0  | 0  | 0  |
| Vernon      | 4                          | 1  | 0  | 4   | 0                       | 0  | 0  | 0  |
| Vilas       | 3                          | 7  | 0  | 1   | 0                       | 0  | 0  | 0  |
| Walworth    | 2                          | 3  | 3  | 0   | 0                       | 0  | 0  | 0  |
| Washburn    | 1                          | 1  | 1  | 0   | 0                       | 0  | 0  | 0  |
| Washington  | 0                          | 5  | 2  | 2   | 0                       | 0  | 0  | 0  |
| Waukesha    | 3                          | 6  | 7  | 9   | 0                       | 0  | 0  | 0  |
| Waupaca     | 6                          | 2  | 1  | 0   | 0                       | 0  | 0  | 0  |
| Waushara    | 4                          | 2  | 0  | 6   | 0                       | 0  | 0  | 0  |
| Winnebago   | 4                          | 0  | 2  | 0   | 0                       | 0  | 0  | 0  |
| Wood        | 4                          | 4  | 2  | 2   | 0                       | 0  | 0  | 0  |

July 2016

**Report on Public Water System Testing**

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