

**Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
April 26, 2016
Madison, Wisconsin**

DATE: April 20, 2016

TO: Chancellor Rebecca Blank, UW-Madison – Michael Lehman, Designated Representative
Kitty Rhodes, 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
Carrie Lewis, Member
Barry Irmens, Member

Steven Geis, DNR Alternate
Gregory Pils, DNR Alternate
Scott Hildebrand, UW-Madison 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
April 26, 2016
1:00p.m. — 4:00p.m.

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

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

Tuesday, April 26, 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, April 26th, 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
April 20, 2016

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
April 26, 2016
1:00 P.M. – 4:00 P.M.

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

AGENDA

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**Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
April 26, 2016**

**PROCEDURAL ITEMS**

**Item 1. APPROVAL OF MINUTES**

**Description of Item:**

The draft minutes of the February 16<sup>th</sup>, 2016 board meeting are submitted for approval.

**Suggested Board Action:**

Motion: Approve the draft minutes of the February 16<sup>th</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  
April 26, 2016  
1:00 P.M – 4:00 P.M.  
2601 Agriculture Drive  
Madison, WI 53718**

**UNAPPROVED MINUTES  
February 16<sup>th</sup>, 2016**

- MEMBERS PRESENT:** Dr. Robert Corliss (Chair), Jeffery Kindrai (Vice-Chair), Charles Warzecha (on behalf of Karen McKeown), Darrell Bazzell, Michelle Wachter, Steve Geis (on behalf of Mark Aquino), James Morrison, and Carrie Lewis
- WSLH STAFF PRESENT:** Dr. Peter Shult, Dr. Daniel Kurtycz, Kristine Hansbery, Jan Klawitter, Steve Marshall, Cynda DeMontigny, Linda Johnson, Marie Ruetten, Steve Strebel, Dave Webb, Mary Wedig, and Nathaniel Javid
- DNR STAFF PRESENT:** Ron Arneson
- GUESTS PRESENT:** Dr. Richard Moss, Russ Van Gilder, Dave Guberud

***Chair Dr. Robert Corliss called the meeting to order at 1:00 P.M.***

***Dr. Corliss called for the closed session requested by Darrell Bazzell. All non-board members left the room. The closed session ended at 1:10 P.M. Dr. Corliss called for the meeting to open. Darrell Bazzell seconded and the meeting moved to open session.***

**Item 1. APPROVAL OF MINUTES**

Approve the minutes of the November 3, 2015 board meeting as submitted. **Carrie Lewis** made a motion to approve, seconded by **Barry Irmén**.

## **Item 2. REORGANIZATION OF AGENDA**

The UW-Madison update will be the first item of discussion at today's meeting.

## **Item 3. PUBLIC APPEARANCES**

There were no public appearances.

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

Dr. Daniel Kurtycz thanked Darrell Bazzell for his thirty year affiliation with the WSLH through the Department of Health, Department of Administration, Department of Agriculture Trade and Consumer Protection, Department of Natural Resources, and most recently, UW-Madison. Darrell responded to thank the Board for the opportunity to serve for the past fifteen years. Dr. Kurtycz also thanked Chair Dr. Robert Corliss for his service on the Board. The Board took the opportunity to thank both individuals.

## **Item 5. UW MADISON UPDATE**

Darrell Bazzell shared with the Board Chancellor Blank's interest in repositioning the WSLH on campus. Ultimately, the Chancellor would like to move the WSLH from the authority of the Vice-Chancellor for Finance and Administration's Office (VCFA) to the School of Medicine and Public Health (SMPH). Mr. Bazzell mentioned that he too feels this would be a beneficial move for the WSLH. Mr. Bazzell introduced Dr. Richard Moss, Senior Associate Dean for Basic Research, Biotechnology and Graduate Studies at the UW School of Medicine and Public Health, to provide more information. Dr. Moss noted that the medical school integrates public health across the entirety of its mission. Dr. Moss described this opportunity as a "hand and glove" fit for both the WSLH and the SMPH, and this decision has been reflected on heavily. The WSLH and SMPH have collaborated in the past with joint appointments that have been very successful. The SMPH looks forward to a period of enhanced collaboration that this realignment will facilitate. Mr. Bazzell mentioned that further efforts will be made by the Chancellor to communicate this information to WSLH staff.

## **Item 6. SCIENTIFIC PRESENTATIONS**

### **New Building Updates**

- 1) Dave Guberud, Ring & DuChateau**
- 2) Russ VanGilder, DOA**

Dave Guberud, Ring & DuChateau, gave an update to the Board on the commissioning status of the new building, specifically the BSL-3 suite. Mr. Guberud mentioned that we are nearing the project's completion. UW Safety is working to get the laboratory certified. The team has met every other week for the past two years to ensure the

building is 100% safe given any scenario. Mr. Guberud feels confident the project will be completed by the fall.

Russ VanGilder, DOA, introduced himself to the Board as building project manager since 2008. The construction and design contracts closed in October 2015, leaving the commissioning contract as the only open contract for the project. There is roughly \$12,000 left in the project budget to make any necessary adjustments to systems. The project is projected to close with a \$0 balance in about a month. After this, UW-Safety will be completing the operational laboratory certifications with the intent of a grand opening in fall 2016.

## **Item 6. IT UPDATE**

### **1) Linda Johnson, Steve Marshall, and Mary Wedig, Wisconsin State Laboratory of Hygiene**

Steve Marshall presented the IT projects and tentative timeline graphic to the Board. The UW hospital interface is complete, and as of this weekend, the Chemware upgrade will be completed. Linda Johnson noted that the newborn screening webinar went live on February 1<sup>st</sup>. The Chemware and Great Plains upgrade are scheduled to go live on February 20<sup>th</sup> and 23<sup>rd</sup>, respectively. The Microsoft Exchange upgrade will occur in early March and the Dean/St. Mary's HL7 interface has begun and will be finalized in late spring 2016. By late fall 2016, the Epic OutReach website for checking samples will be operational. Ms. Johnson presented a map on the interfaces and web portal sites throughout Wisconsin. Ms. Johnson next presented the HL7 interface volumes. From November 23, 2015 to February 8, 2016 the lab had 6,943 orders (in and out) for University Health Services and 2,483 orders (in and out) for UW Health. Mary Wedig, WSLH Communicable Disease Division, provided more details on laboratory reporting. Ms. Wedig gave an overview of forms of reportable results for diseases and conditions as required by state statute. The WSLH uses two forms of reporting: Electronic Laboratory Reporting (ELR) which is a means to automatically and rapidly report laboratory results and Web-Based Laboratory Reporting (WLR) which is a means to enter laboratory results into a secure web portal. Both forms enter into the Wisconsin Electronic Disease Surveillance System (WEDSS) which is used for disease reporting, outbreak management, and investigation for individual cases. Upon receipt, a disease is assigned a code based on the ELR message. A public health jurisdiction is also assigned based on the patient address from the ELR message. Ms. Wedig presented maps to the Board showing ELR/WLR implementation statuses throughout Wisconsin. Ms. Wedig presented a map of completed ELR/WLR implementations. For 2015, the lab received close to 250,000 messages. 90% of reportables are reported. Ms. Wedig mentioned that the WSLH is also reporting with the CDC on the Public Health Lab Interoperability Project (PHLIP) for influenza testing, Vaccine Preventable Disease (VPD) reporting, and influenza sequencing.

## **Item 7. NEW COMMUNICABLE DISEASE TESTS AND FEES**

### **1) Dr. Peter Shult, Director, Communicable Disease Division, Wisconsin State Laboratory of Hygiene**

Dr. Pete Shult updated the Board on fee increases for the Communicable Disease Division. We have not updated fees in over six years, so we have been overdue for an increase. Dr. Shult had the Board refer to their packets to review the increases. All tests are priced appropriately within the market range. Dr. Shult provided the break-down for both new (11) and existing (21) tests. Price increases also reflect advances in technology. Most of the tests are low-volume tests.

**Carrie Lewis** made a motion to accept the new pricing seconded by **Jeffery Kindrai**. The motion passed unanimously and the price increase was accepted. **Chair Dr. Robert Corliss** entertained a motion for a July 1, 2016 effective date. **Carrie Lewis** seconded the motion and the motion was passed unanimously.

## **Item 8. FY16 SECOND QUARTER REPORT**

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

Our income statement on an accrual basis year-to-date is at a net loss of \$210,866 (\$136,617 less than we budgeted year-to-date). Our revenue is at \$20,803,608 year-to-date (\$499,205 less than we budgeted year-to-date). For expenses, we are at \$21,014,474 (\$362,588 under budget).

Compared to FY15, we are up in revenue by \$247,431. This is mostly agency revenue from early in the year contracts. Our expenses have decreased from FY15 by \$711,736.

Our cash balance on December 31, 2015 is \$13,214,404 compared to \$12,026,567 on September 30, 2015. Subtracting restricted cash, deferred revenue, and encumbered payables, we are at \$1,434,930 on December 31, 2015 compared to \$2,992,930 on September 30, 2015.

## **Item 9. CONTRACTS REPORT**

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

Ms. Ruetten presented the contracts report to the Board. We have six contracts with APHL totaling \$845,200, one contract with the Illinois Department of Health at \$15,000, and eight contracts with the Department of Health Services totaling \$1,095,418. Our grand total for contracts is currently \$1,955,618.



## Item 10. DIRECTOR'S REPORT

### 1) Steve Marshall, Assistant Director, Wisconsin State Laboratory of Hygiene

Chair Dr. Robert Corliss mentioned to the Board that Carrie Lewis would like to give an update on lead in drinking water from the Milwaukee Water Works (MWW) in light of the recent events in Flint, Michigan. With municipal water systems, the service line is typically made of copper, plastic, or lead. The part of the line on your property is the homeowner's responsibility. MWW has been treating their water with a phosphorous compound since 1996 to coat the inside of the service lines to keep lead out of the water. The EPA is shifting from a community-wide approach to evaluating individual homes. MWW's water main replacements have gone up from 3 to 4 miles of replacement to 15 miles of replacement. MWW will not do any water main replacements this year that have lead service lines after a study was done to determine that disrupting the line can increase the amount of detectable lead in the tap – only copper lines will be replaced. However, when a lead line does need to be replaced, MWW will be providing filters for the homeowners to use. Ms. Lewis mentioned that MWW is working with local health departments on blood lead testing also. Ms. Lewis mentioned to please contact the MWW with any questions.

Steve Marshall noted that the next Board meeting will be April 26<sup>th</sup>. At that meeting we present the FY16 third quarter report along with the preliminary FY17 budget. Mr. Marshall had the Board refer to the packet for more details on public and environmental health incidents including Brucella, a hazmat discharge incident in La Crosse, a possible ricin exposure, along with *Elizabethkingia meningoseptica* and Zika virus.

Mr. Marshall mentioned that we had 3,591 water systems tested, and of those, 64 received a boil water notice.

The meeting transitioned to the Election of Officers. **Chair Dr. Robert Corliss** made a motion to nominate **Jeffery Kindrai** for the position of Chair, **James Morrison** for the position of Vice-Chair/Chair Elect, and **Dr. Peter Shult** for the position of Interim Secretary. The nominations passed unanimously seconded by **Steve Geis**, with **Jeffery Kindrai** and **James Morrison** abstaining.

**Chair Dr. Robert Corliss** made a motion to adjourn meeting at 3:00 P.M. **Charles Warzecha** seconded the motion. The motion passed unanimously and the meeting was adjourned.

Respectfully submitted by:



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

Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
April 26, 2016

**PROCEDURAL ITEMS**

**Item 2. 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 as requested by the Board

**Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
April 26, 2016**

**PROCEDURAL ITEMS**

**Item 3. 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  
April 26, 2016

**BUSINESS ITEMS**

**Item 4. 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  
April 26, 2016

**BUSINESS ITEMS**

**Item 5. WSLH MOVE FROM THE VCFA'S OFFICE TO THE UW SMPH**

**Description of the Item:**

Dr. Richard Moss, Senior Associate Dean for Basic Research, Biotechnology and Graduate Studies, will present on the Wisconsin State Laboratory of Hygiene's move to the UW School of Medicine and Public Health.

**Suggested Board Action:**

Receive for information.

**Staff Recommendations and Comments:**

Receive for information.



Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
April 26, 2016

**BUSINESS ITEMS**

**Item 6. FY16 THIRD QUARTER REPORT**

**Description of the Item:**

Marie Ruetten, Financial Manager, WSLH, will provide the 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

FISCAL YEAR 2016 - JULY, 2015 THROUGH FEBRUARY, 2016

February 29, 2016

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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  
April 26, 2016**

**WISCONSIN STATE LABORATORY OF HYGIENE  
STATEMENT OF INCOME  
For the period July 1, 2015 through February 29, 2016**

|                                                | FY 16<br>APPROVED<br>ANNUAL<br>BUDGET | FY16<br>YEAR- TO-<br>DATE<br>BUDGET | FY16<br>YEAR- TO-<br>DATE<br>ACTUAL | VARIANCE<br>Over/(Under) | VARIANCE<br>% of<br>BUDGET |
|------------------------------------------------|---------------------------------------|-------------------------------------|-------------------------------------|--------------------------|----------------------------|
| <b>SUPPORT AND REVENUE</b>                     |                                       |                                     |                                     |                          |                            |
| Laboratory Services Revenues (Note 3)          |                                       |                                     |                                     |                          |                            |
| Agency                                         | \$ 6,353,127                          | \$ 4,235,440                        | \$ 4,008,991                        | \$ (226,449)             | -5.3%                      |
| Nonagency                                      | 18,889,145                            | 12,238,686                          | 11,853,421                          | (385,265)                | -3.1%                      |
| GPR Funding                                    | 11,300,000                            | 7,575,481                           | 7,299,130                           | (276,351)                | -3.6%                      |
| OWI Fund Revenues                              | 1,605,900                             | 1,084,639                           | 1,052,793                           | (31,846)                 | -2.9%                      |
| Grant Funding                                  | 5,489,180                             | 3,642,761                           | 3,184,774                           | (457,987)                | -12.6%                     |
| Interest Income                                | 8,400                                 | 5,600                               | 15,878                              | 10,278                   | 183.5%                     |
| <b>TOTAL SUPPORT AND REVENUE</b>               | <b>43,645,752</b>                     | <b>28,782,607</b>                   | <b>27,414,987</b>                   | <b>(1,367,620)</b>       | <b>-4.8%</b>               |
| <b>EXPENSES</b>                                |                                       |                                     |                                     |                          |                            |
| Salaries                                       | 18,271,076                            | 12,039,938                          | 11,354,517                          | (685,421)                | -5.7%                      |
| Fringe Benefits                                | 7,407,261                             | 5,180,561                           | 4,832,869                           | (347,692)                | -6.7%                      |
| Supplies & Services                            | 13,430,389                            | 8,631,543                           | 7,869,836                           | (761,707)                | -8.8%                      |
| Transfer Overhead to UW                        | 839,805                               | 558,733                             | 470,418                             | (88,315)                 | -15.8%                     |
| Building Rent                                  | 2,557,470                             | 1,630,567                           | 1,573,361                           | (57,206)                 | -3.5%                      |
| Depreciation                                   | 1,830,027                             | 1,198,935                           | 1,257,592                           | 58,657                   | 4.9%                       |
| Bad Debt Expense                               | 24,000                                | 16,000                              | 15,613                              | (387)                    | -2.4%                      |
| Interest Expense                               | 1,200                                 | 800                                 | 2,785                               | 1,985                    | 248.1%                     |
| Loss From Disposal Of Assets                   | -                                     | -                                   | 4,874                               | 4,874                    |                            |
| <b>TOTAL EXPENSES</b>                          | <b>44,361,228</b>                     | <b>29,257,077</b>                   | <b>27,381,865</b>                   | <b>(1,875,212)</b>       | <b>-6.4%</b>               |
| <b>NET OPERATING INCOME OR (LOSS)</b>          | <b>\$ (715,476)</b>                   | <b>\$ (474,470)</b>                 | <b>\$ 33,122</b>                    | <b>\$ 507,592</b>        |                            |
| Difference between Depreciation and Capital    | 715,476                               | 307,375                             | 871,014                             | 563,639                  |                            |
| <b>MODIFIED NET OPERATING INCOME OR (LOSS)</b> | <b>\$ -</b>                           | <b>\$ (167,095)</b>                 | <b>\$ 904,136</b>                   | <b>\$ 1,071,231</b>      |                            |

**Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
April 26, 2016**

**WISCONSIN STATE LABORATORY OF HYGIENE  
COMPARATIVE INCOME STATEMENT  
For the 8 months ended February 29, 2016 and February 28, 2015**

|                                                | 8 Months<br>Actual FY16 | 8 Months<br>Actual FY15 | Variance<br>Over/(Under) | Percentage<br>Change |
|------------------------------------------------|-------------------------|-------------------------|--------------------------|----------------------|
| <b>SUPPORT AND REVENUE</b>                     |                         |                         |                          |                      |
| Laboratory Services Revenues (Note 3)          |                         |                         |                          |                      |
| Agency                                         | \$ 4,008,991            | \$ 3,781,019            | \$ 227,972               | 6.0%                 |
| Nonagency                                      | 11,853,421              | 12,061,438              | (208,017)                | -1.7%                |
| GPR Funding                                    | 7,299,130               | 7,065,927               | 233,203                  | 3.3%                 |
| OWI Fund Revenues                              | 1,052,793               | 1,113,908               | (61,115)                 | -5.5%                |
| Grant Funding                                  | 3,184,774               | 3,507,462               | (322,688)                | -9.2%                |
| Interest Income                                | 15,878                  | 6,867                   | 9,011                    | 131.2%               |
| <b>TOTAL SUPPORT AND REVENUE</b>               | <b>27,414,987</b>       | <b>27,536,621</b>       | <b>(121,634)</b>         | <b>-0.4%</b>         |
| <b>EXPENSES</b>                                |                         |                         |                          |                      |
| Salaries                                       | 11,354,517              | 11,716,706              | (362,189)                | -3.1%                |
| Fringe Benefits                                | 4,832,869               | 4,893,162               | (60,293)                 | -1.2%                |
| Supplies & Services                            | 7,869,836               | 8,853,255               | (983,419)                | -11.1%               |
| Transfer Overhead to UW                        | 470,418                 | 530,160                 | (59,742)                 | -11.3%               |
| Building Rent                                  | 1,573,361               | 1,491,832               | 81,529                   | 5.5%                 |
| Depreciation                                   | 1,257,592               | 1,319,592               | (62,000)                 | -4.7%                |
| Bad Debt Expense                               | 15,613                  | 39,304                  | (23,691)                 | -60.3%               |
| Interest Expense                               | 2,785                   | 1,713                   | 1,072                    | 62.6%                |
| Loss From Disposal Of Assets                   | 4,874                   | -                       | 4,874                    |                      |
| <b>TOTAL EXPENSES</b>                          | <b>27,381,865</b>       | <b>28,845,724</b>       | <b>(1,463,859)</b>       | <b>-5.1%</b>         |
| <b>NET OPERATING INCOME OR (LOSS)</b>          | <b>\$ 33,122</b>        | <b>\$ (1,309,103)</b>   | <b>\$ 1,342,225</b>      |                      |
| Difference between Depreciation and Capital    | 871,014                 | (80,175)                | 951,189                  |                      |
| <b>MODIFIED NET OPERATING INCOME OR (LOSS)</b> | <b>\$ 904,136</b>       | <b>\$ (1,389,278)</b>   | <b>\$ 2,293,414</b>      |                      |

**WISCONSIN STATE LABORATORY OF HYGIENE**  
**COMPARATIVE BALANCE SHEET**  
As of February 29, 2016 and June 30, 2015

**ASSETS**

|                                             | <u>February 29, 2016</u> | <u>June 30, 2015</u> |
|---------------------------------------------|--------------------------|----------------------|
| <b>CURRENT ASSETS</b>                       |                          |                      |
| Cash                                        | \$ 11,587,681            | \$ 8,918,171         |
| Cash-restricted-newborn screening surcharge | 2,249,569                | 1,880,797            |
| Net accounts receivables (Note 2)           | 3,383,436                | 3,764,249            |
| Other receivables                           | 570,589                  | 830,324              |
| Inventories                                 | 62,974                   | 66,402               |
| Prepaid expenses                            | 284,714                  | 219,915              |
|                                             | <hr/>                    | <hr/>                |
| Total current assets                        | 18,138,963               | 15,679,858           |
| <b>EQUIPMENT AND BUILDING IMPROVEMENTS</b>  |                          |                      |
| Equipment                                   | 25,337,123               | 25,203,234           |
| Building improvements                       | 7,221,347                | 7,221,347            |
|                                             | <hr/>                    | <hr/>                |
|                                             | 32,558,470               | 32,424,581           |
| Less accumulated depreciation               | (23,415,206)             | (22,381,321)         |
|                                             | <hr/>                    | <hr/>                |
| Total net fixed assets                      | 9,143,264                | 10,043,260           |
|                                             | <hr/>                    | <hr/>                |
| <b>Total Assets</b>                         | <b>\$ 27,282,227</b>     | <b>\$ 25,723,118</b> |

**LIABILITIES AND EQUITY**

**CURRENT LIABILITIES**

|                                      |            |            |
|--------------------------------------|------------|------------|
| Salaries payable                     | \$ 225,128 | \$ 544,580 |
| Accounts payable                     | 640,068    | 298,411    |
| Newborn screening surcharge payable  | 2,249,569  | 1,880,797  |
| Accrued expenses                     | 214,130    | 437,498    |
| Notes Payable - current              | 70,282     | 94,390     |
| Proficiency testing deferred revenue | 2,242,869  | 1,023,877  |
| Newborn screening deferred revenue   | 2,389,093  | 2,225,598  |
| Compensated Absences (Note 5)        | 668,222    | 695,205    |
|                                      | <hr/>      | <hr/>      |
| Total current liabilities            | 8,699,361  | 7,200,356  |

**LONG TERM DEBT**

|                               |                   |                  |
|-------------------------------|-------------------|------------------|
| Compensated Absences (Note 5) | 1,649,847         | 1,587,530        |
|                               | <hr/>             | <hr/>            |
| Total long term debt          | 1,649,847         | 1,587,530        |
|                               | <hr/>             | <hr/>            |
| <b>Total Liabilities</b>      | <b>10,349,208</b> | <b>8,787,886</b> |

**EQUITY**

|                                       |                      |                      |
|---------------------------------------|----------------------|----------------------|
| Retained earnings-restricted (Note 4) |                      |                      |
| Operating contingency                 | 1,899,682            | 2,282,927            |
|                                       | <hr/>                | <hr/>                |
| Total restricted retained earnings    | 1,899,682            | 2,282,927            |
|                                       | <hr/>                | <hr/>                |
| Net Operating Income or (Loss)        | 33,122               | (2,034,642)          |
| Retained earnings-unrestricted        | 9,584,802            | 11,271,534           |
| Contributed capital                   | 5,415,413            | 5,415,413            |
|                                       | <hr/>                | <hr/>                |
| Total unrestricted retained earnings  | 15,033,337           | 14,652,305           |
|                                       | <hr/>                | <hr/>                |
| <b>Total Equity</b>                   | <b>16,933,019</b>    | <b>16,935,232</b>    |
|                                       | <hr/>                | <hr/>                |
| <b>Total Liabilities and Equity</b>   | <b>\$ 27,282,227</b> | <b>\$ 25,723,118</b> |

|                     |           |           |
|---------------------|-----------|-----------|
| Contingency Funding | 9,439,602 | 8,479,502 |
|---------------------|-----------|-----------|

**WISCONSIN STATE LABORATORY OF HYGIENE**  
**STATEMENT OF CASH FLOWS**  
For the Period July 1, 2015 through February 29, 2016

**CASH FLOWS FROM OPERATING ACTIVITIES**

|                                                                                   |                |
|-----------------------------------------------------------------------------------|----------------|
| Net income                                                                        | \$ 33,122      |
| Adjustments to reconcile net income to net cash provided by operating activities: |                |
| Depreciation                                                                      | 1,257,592      |
| Changes in working capital components:                                            |                |
| Decrease in net accounts receivables                                              | 380,813        |
| Decrease in other receivables                                                     | 259,735        |
| Decrease in inventories                                                           | 3,428          |
| (Increase) in prepaid expenses                                                    | (64,799)       |
| (Decrease) in salaries payable                                                    | (319,452)      |
| Increase in accounts payable                                                      | 341,657        |
| Increase in newborn screening surcharge payable                                   | 368,772        |
| (Decrease) in accrued expenses                                                    | (223,368)      |
| (Decrease) in notes payable - current                                             | (24,108)       |
| Increase in proficiency testing deferred revenue                                  | 1,218,992      |
| Increase in newborn screen deferred revenue                                       | <u>163,495</u> |
| Net cash provided (used) in operating activities                                  | 3,395,879      |

**CASH FLOWS FROM INVESTING ACTIVITIES**

|                                                       |                  |
|-------------------------------------------------------|------------------|
| Purchase of equipment and physical plant improvements | <u>(357,597)</u> |
| Net cash (used in) investing activities               | <u>(357,597)</u> |

**CASH FLOWS FROM FINANCING ACTIVITIES**

|                                                  |           |
|--------------------------------------------------|-----------|
| Principal payment on Capital Lease               | <u>-</u>  |
| Net cash provided (used in) financing activities | <u>-</u>  |
| Net increase (decrease) in cash                  | 3,038,282 |

**Cash:**

|           |                             |
|-----------|-----------------------------|
| Beginning | <u>10,798,968</u>           |
| Ending    | <u><u>\$ 13,837,250</u></u> |

**WISCONSIN STATE LABORATORY OF HYGIENE**  
**NOTES TO THE FINANCIAL STATEMENTS**  
For the period July 1, 2015 through February 29, 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 February 29, 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 February 29, 2016 and June 30, 2015 are as follows:

|                           | <u>February 29, 2016</u> | <u>June 30, 2015</u> |
|---------------------------|--------------------------|----------------------|
| Accounts Receivable Total | \$3,784,474              | \$4,255,019          |
| Allowance for bad debt    | <u>(401,038)</u>         | <u>(490,770)</u>     |
| Net Receivables           | \$3,383,436              | \$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 February 29, 2016 working capital (current assets less current liabilities) was \$9,439,602 thereby meeting the target contingency reserve requirement of \$1,899,682.

**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  
April 26, 2016

**BUSINESS ITEMS**

**Item 7. PRESENTATION OF FY17 DRAFT BUDGET**

**Description of the Item:**

Marie Ruetten will provide the WSLH FY17 draft budget to the Board.

**Suggested Board Action:**

Receive for information.  
Request input from the Board

**Staff Recommendations and Comments:**

The FY17 final budget will be presented to the Board for approval at the June meeting. The draft budget may be revised prior to the final budget presentation to the Board in June based on more current information becoming available.

## Fiscal Year 2017 Preliminary Budget Proposal

Wisconsin State Laboratory of Hygiene

Twelve Months ending June 30, 2017

| Support and Revenue              | Fiscal Year 2017<br>Proposed Budget | Fiscal Year 2016<br>Budget | Increase/<br>(Decrease) |
|----------------------------------|-------------------------------------|----------------------------|-------------------------|
| Agency                           | \$6,252,217                         | \$6,353,127                | (\$100,910)             |
| Nonagency                        | 18,383,590                          | 18,889,145                 | (505,555)               |
| GPR Funding                      | 11,300,000                          | 11,300,000                 | 0                       |
| OWI Funding                      | 1,605,900                           | 1,605,900                  | 0                       |
| Grant Funding                    | 5,525,270                           | 5,489,180                  | 36,090                  |
| Interest Income                  | 48,000                              | 8,400                      | 39,600                  |
| <b>Total Support and Revenue</b> | <b>43,114,977</b>                   | <b>43,645,752</b>          | <b>(530,775)</b>        |
| <b>Expenses</b>                  |                                     |                            |                         |
| Salaries                         | 17,479,349                          | 18,271,076                 | (791,727)               |
| Fringe Benefits                  | 7,079,780                           | 7,407,261                  | (327,481)               |
| Supplies and Services            | 13,116,566                          | 13,430,389                 | (313,823)               |
| Transfer-Ovrhead Allow-133&144   | 892,398                             | 839,805                    | 52,593                  |
| Building Rent                    | 2,805,549                           | 2,557,470                  | 248,079                 |
| Depreciation                     | 1,714,934                           | 1,830,027                  | (115,093)               |
| Bad Debt Expense                 | 24,000                              | 24,000                     | 0                       |
| Interest Expense                 | 2,400                               | 1,200                      | 1,200                   |
| <b>Total Expenses</b>            | <b>43,114,977</b>                   | <b>44,361,228</b>          | <b>(1,246,251)</b>      |

\* (Does not include Interdepartmental and Administrative Allocations)

|                                             |           |          |           |                  |           |                |
|---------------------------------------------|-----------|----------|-----------|------------------|-----------|----------------|
| <b>Net Accrued Operating Income\ (Loss)</b> | <b>\$</b> | <b>-</b> | <b>\$</b> | <b>(715,476)</b> | <b>\$</b> | <b>715,476</b> |
|---------------------------------------------|-----------|----------|-----------|------------------|-----------|----------------|

Cash Basis: (replaces depreciation with capital)

|                                          |            |                  |             |          |           |                  |
|------------------------------------------|------------|------------------|-------------|----------|-----------|------------------|
| Capital Expense                          | 530,450    | 1,114,551        | (584,101)   |          |           |                  |
| Total Expense                            | 41,930,493 | 43,645,752       | (1,715,259) |          |           |                  |
| <b>Net Cash Operating Income\ (Loss)</b> | <b>\$</b>  | <b>1,184,484</b> | <b>\$</b>   | <b>-</b> | <b>\$</b> | <b>1,184,484</b> |



**Fiscal Year 2017 Preliminary Budget Proposal**

Wisconsin State Laboratory of Hygiene  
Twelve Months ending June 30, 2017

| Support and Revenue              | WSLH              | Disease Prevention Division |                   | Environmental Health Division |                  | Occupational Health Division |                  | Laboratory Improvement Division |  | Communicable Diseases Division |  | Administrative Services | Clearing Account |
|----------------------------------|-------------------|-----------------------------|-------------------|-------------------------------|------------------|------------------------------|------------------|---------------------------------|--|--------------------------------|--|-------------------------|------------------|
|                                  |                   |                             |                   |                               |                  |                              |                  |                                 |  |                                |  |                         |                  |
| Agency                           | \$6,252,217       | \$1,121,115                 | \$2,586,560       | \$72,100                      | \$18,675         | \$2,393,767                  | \$60,000         |                                 |  |                                |  |                         |                  |
| Nonagency                        | 18,383,590        | 9,234,848                   | 2,072,790         | 2,024,000                     | 3,135,952        | 1,916,000                    |                  |                                 |  |                                |  |                         |                  |
| GPR Funding                      | 11,300,000        | 1,120,400                   | 5,145,020         | 224,705                       | 42,000           | 4,227,875                    | 540,000          |                                 |  |                                |  |                         |                  |
| OWI Funding                      | 1,605,900         |                             | 1,605,900         |                               |                  |                              |                  |                                 |  |                                |  |                         |                  |
| Grant Funding                    | 5,525,270         | 343,035                     | 366,768           | 4,229,767                     |                  |                              |                  |                                 |  |                                |  |                         |                  |
| Interest Income                  | 48,000            |                             |                   |                               |                  |                              |                  |                                 |  |                                |  |                         |                  |
| <b>Total Support and Revenue</b> | <b>43,114,977</b> | <b>11,819,398</b>           | <b>11,777,038</b> | <b>6,550,572</b>              | <b>3,196,627</b> | <b>8,537,642</b>             | <b>1,233,700</b> | <b>0</b>                        |  |                                |  |                         |                  |
| <b>Expenses</b>                  |                   |                             |                   |                               |                  |                              |                  |                                 |  |                                |  |                         |                  |
| Salaries                         | 17,479,349        | 4,148,611                   | 4,772,795         | 2,656,321                     | 740,484          | 2,728,411                    | 3,407,613        |                                 |  |                                |  |                         | (974,886)        |
| Fringe Benefits                  | 7,079,780         | 1,612,282                   | 1,956,882         | 1,187,495                     | 315,463          | 1,044,599                    | 1,279,128        |                                 |  |                                |  |                         | (316,069)        |
| Supplies and Services            | 13,116,566        | 4,119,401                   | 2,299,862         | 918,178                       | 1,646,188        | 2,826,362                    | 1,306,575        |                                 |  |                                |  |                         |                  |
| Transfer-Ovrhead Allow-133&144   | 892,398           | 70,785                      | 75,611            | 746,002                       |                  |                              |                  |                                 |  |                                |  |                         |                  |
| Building Rent                    | 2,805,549         |                             | 1,609,854         | 564,043                       | 80,732           | 421,672                      | 129,249          |                                 |  |                                |  |                         |                  |
| Depreciation                     | 1,714,934         | 394,803                     | 754,898           | 171,110                       | 6,846            | 289,954                      | 97,323           |                                 |  |                                |  |                         |                  |
| Bad Debt Expense                 | 24,000            |                             |                   | 24,000                        |                  |                              |                  |                                 |  |                                |  |                         |                  |
| Interest Expense                 | 2,400             |                             |                   |                               |                  |                              |                  |                                 |  |                                |  |                         |                  |
| <b>Total Expenses</b>            | <b>43,114,977</b> | <b>10,345,882</b>           | <b>11,469,902</b> | <b>6,267,148</b>              | <b>2,789,713</b> | <b>7,310,997</b>             | <b>6,222,289</b> | <b>(1,290,955)</b>              |  |                                |  |                         |                  |

\* (Does not include Interdepartmental and Administrative Allocations)

**Net Accrued Operating Income\Loss) \$ - \$ 1,473,516 \$ 307,136 \$ 283,424 \$ 406,914 \$ 1,226,645 \$ (4,988,589) \$ 1,290,955**

Cash Basis: (replaces depreciation with capital)

|                                        |                     |                    |                  |                  |                  |                    |                      |                    |  |  |  |  |             |
|----------------------------------------|---------------------|--------------------|------------------|------------------|------------------|--------------------|----------------------|--------------------|--|--|--|--|-------------|
| Capital Expense                        | 530,450             | 115,000            | 225,450          | 160,000          | 0                | 30,000             | 0                    |                    |  |  |  |  | 0           |
| Total Expense                          | 41,930,493          | 10,066,080         | 10,940,454       | 6,256,039        | 2,782,867        | 7,051,043          | 6,124,966            |                    |  |  |  |  | (1,290,955) |
| <b>Net Cash Operating Income\Loss)</b> | <b>\$ 1,184,484</b> | <b>\$1,753,318</b> | <b>\$836,584</b> | <b>\$294,533</b> | <b>\$413,760</b> | <b>\$1,486,599</b> | <b>(\$4,891,266)</b> | <b>\$1,290,955</b> |  |  |  |  |             |

Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
April 26, 2016

**BUSINESS ITEMS**

**Item 8. 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 DEPT |
|-------------------------------------------|---------------------|------------|------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
| Wisconsin Department of Health Services   | PO 2364             | 1-Jan-16   | 31-Dec-16  | Sexually Transmitted Diseases                 | Supply kits for STD clinics, IPP test site clinics, and clinics participating as regional surveillance sites; data management and coordination of statewide surveillance network | \$ 89,125    | CDD       |
| Wisconsin Department of Health Services   | PO1764              | 1-Oct-15   | 30-Sep-16  | WI Cancer Reporting System                    | Updating of hospitals and clinics with existing PHIN-MS instances (up to 30) and installing and onboarding new laboratories (up to 40)                                           | \$ 45,080    | OIS       |
| Wisconsin Department of Health Services   | PO 2797             | 1-Jan-16   | 31-Dec-16  | Tuberculosis Control and Prevention CoAg      | Diagnostic testing of TB specimens and hosting of Laboratory Network Conference                                                                                                  | \$ 123,670   | CDD       |
| Wisconsin Department of Health Services   | PO 2403             | 1-Jan-16   | 31-Dec-16  | HIV/AIDS Testing                              | 2.5 staff positions based at WDHS, to support coordination of statewide testing program, implement new technologies and CLIA standards, and provide analysis of testing data     | \$ 212,500   | CDD       |
| Association of Public Health Laboratories | 56300-600-160-16-03 | 9-Nov-15   | 31-Aug-16  | SCID Training for Puerto Rico                 | Amendment to award additional funds to current SCID training project for Puerto Rico laboratorians                                                                               | \$ 10,000    | DPD       |
| Department of Veterans Affairs            | VA69D-15-D-0069     | 1-Feb-16   | 31-Jan-17  | Wm. S. Middleton Hospital                     | Cytogenetics testing services for Wm. Middleton VA Hospital in Madison, WI                                                                                                       | \$ 45,954    | DPD       |
| Wisconsin Department of Natural Resources | WQ019               | 1-May-16   | 30-Sep-16  | WQ019 319 TWA                                 | 319 Project Funded TWA - provide inorganic wet chemistry testing                                                                                                                 | \$ 38,180    | EHD       |
| Wisconsin Department of Natural Resources | GL044               | 5/1/2016   | 12/31/2016 | GL044 Harmful Algal Blooms in Lower Green Bay | Biomonitoring of lower Green Bay                                                                                                                                                 | \$ 22,950    | EHD       |
| Wisconsin Department of Natural Resources | WQ020               | 4/1/2016   | 12/31/2016 | WQ020 National Wetland Assessment             | Inorganic Chemistry and Biomonitoring                                                                                                                                            | \$ 4,692     | EHD       |
| Maine Department of Labor                 | Maine DOL           | 3/1/2016   | 3/1/2019   | Maine Department of Labor                     | Indoor air sample analysis for MDOL/BLS for the public sector of the state of Maine                                                                                              | \$ 25,000    | WOHL      |

Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
April 26, 2016

**BUSINESS ITEMS**

**Item 9. DIRECTOR'S REPORT**

- A. FY16 Meeting Calendar**
- B. Public or Environmental Health Incidents of Educational Interest**
- C. Water Systems Report**

**WISCONSIN STATE LABORATORY OF HYGIENE  
BOARD OF DIRECTORS  
FY16 MEETING CALENDAR**

|                                                                                                                                              |                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <p><b>June 21, 2016</b><br/>1:00 – 4:00 p.m.<br/><b>Wisconsin State Laboratory of Hygiene</b><br/>2601 Agriculture Drive, Madison, WI</p>    | <p><b>August 23, 2016</b><br/>1:00 – 4:00 p.m.<br/>TBA</p>                                |
| <p>Approve FY17 budget</p>                                                                                                                   | <ul style="list-style-type: none"> <li>■ Present FY16 year-end closeout report</li> </ul> |
| <p><b>November 8, 2016</b><br/>1:00 – 4:00 p.m.<br/><b>Wisconsin State Laboratory of Hygiene</b><br/>2601 Agriculture Drive, Madison, WI</p> |                                                                                           |
| <ul style="list-style-type: none"> <li>■ Present FY17 first quarter report</li> </ul>                                                        |                                                                                           |

## Report to the Wisconsin State Laboratory of Hygiene Board

### Representative Public or Environmental Health Incidents of Educational Interest For the Period Feb. 4 – April 11, 2016

| Approx. Date                      | Agent or Event Name                   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Current Status |
|-----------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| <b>OUTBREAKS and INCIDENTS</b>    |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |
| January 2016                      | <i>Elizabethkingia meningoseptica</i> | Nearly 60 patients in Wisconsin tested positive for <i>Elizabethkingia meningoseptica</i> . As part of a joint investigation with WDPH and CDC, the WSLH is performing PFGE testing on patient specimens. Testing of possible product sources and environmental samples is happening at CDC.<br><br>A source for the infection has not yet been identified.                                                                                                    | Ongoing        |
| January 2016                      | Zika virus                            | 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. | Ongoing        |
| March 2016                        | Kenosha HazMat incident               | The WSLH chemical response group provided guidance and data interpretation for a state-asset HazMat team investigating an odor that was sickening people in Kenosha. WSLH provided interpretation supporting the team's findings, and notified WI DHS and DNR about the incident for follow-up.                                                                                                                                                                | Complete       |
| <b>RECENT EVENTS and FINDINGS</b> |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |
| September 2015 (started)          | Lead Isotope work with DHS            | WSLH Trace Elements Clean Lab scientists are working with DHS to determine if high lead levels in a patient's blood are due to a bullet fragment, paint or water. Lead isotopes from bullet, paint and blood have been fingerprinted with the new Multi-Collector (MC)-ICPMS. We are currently analyzing water and lead pipe samples and plan to publish a paper with DHS and CDC later this year.                                                             | Ongoing        |

|                              |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |
|------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| January 20, 2016             | WI Clinical Laboratory Network Webinar                           | To open the Wisconsin Clinical Laboratory Network (WCLN) 2016 webinar season, Dr. Erik Munson, assistant professor in the Marquette University College of Health Sciences Clinical Laboratory Science Department, gave a webinar presentation entitled “ <i>Emerging Laboratory Diagnostic Options for Sexually-transmitted Infections</i> ”. About 119 WI laboratory professionals attended the live webinar presentation. The webinar discussion focused on the problem of possible under-utilization of appropriate diagnostic modalities which resulted in missed opportunities for diagnosis of sexually-transmitted infections (STI). The advent of emerging molecular diagnostic modalities, however, is changing the picture and improving the diagnosis of STI. | Complete |
| February 2016                | Robert F. Borkenstein Award from the National Safety Council     | Retired WSLH Forensic Toxicology Supervisor Laura Liddicoat received the prestigious Robert F. Borkenstein Award from the National Safety Council in late February.<br><br>The Borkenstein Award recognizes persons whose outstanding contributions through a lifetime career of service in the field of alcohol, drugs and traffic safety have been nationally recognized as consistent with the ideals and achievements of the late Professor Robert F. Borkenstein of Indiana University.                                                                                                                                                                                                                                                                             | Complete |
| February 1 and April 4, 2016 | Illinois Circuit Court Judges Education Meeting                  | WSLH Forensic Toxicology Section Director Amy Miles has been appointed by the Illinois Supreme Court to provide education and training to Illinois Circuit Court judges. This training is required for all these judges.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Complete |
| February 10, 2016            | National Farm Medicine Center tour and presentation - Marshfield | Dr. Curtis Hedman, Rebecca Adams, Steve Marshall, Jan Klawitter and Dr. Pat Gorski gave a presentation about WSLH activities, including research, to staff from the National Farm Medicine Center (NFMC) and Marshfield Clinic Research Foundation. The WSLH-NFMC group also discussed possible collaborative efforts. They also toured a family dairy farm.<br><br>This trip was a follow-up to the visit made by NFMC staff to the WSLH in December 2015.                                                                                                                                                                                                                                                                                                              | Complete |

|                          |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |
|--------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| February 10, 2016        | WI Clinical Laboratory Network Webinar                                 | The February WCLN webinar presentation entitled “ <i>Wisconsin Fungal Infection Case Presentations</i> ” provided WI laboratory professionals the opportunity to learn more about and test their knowledge of potential causes of fungal infection. Dr. Raymond Podzorski, microbiology director at St. Mary’s Hospital in Madison, discussed interesting fungal cases he’d seen over the years. Roughly 163 laboratorians attended the live webinar.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Complete |
| February 16 and 18, 2016 | Ag Drive tours – Madison College classes                               | Students in the four spring semester sections of Madison College’s environmental sciences class toured Environmental Health Division (EHD) and Occupational Health and Safety Division (OHSD) labs on Feb. 16th and 18th. This has become a semi-annual tradition with tours happening in both spring and fall.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Complete |
| February 25, 2016        | American Academy of Forensic Sciences (AAFS)                           | WSLH Forensic Toxicology Chemist Kayla Neuman presented a study regarding synthetic cannabinoids and their effects on human performance at the AAFS annual conference in Las Vegas, NV.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Complete |
| March 2016               | Dr. Mei Baker -- Promotion to Full Professor and Endowed Professorship | Newborn Screening Co-Director Dr. Mei Baker was promoted to a full professor in the UW Department of Pediatrics.<br><br>Dr. Baker was also recently named the inaugural Wynne Mateffy professor. This endowed professorship was the result of a generous gift from Josh and Caiti Mateffy with a match from John and Tashia Morgridge. The Wynne Mateffy endowed professorship supports Department of Pediatrics faculty who conduct research on peroxisome biogenesis-related metabolic disorders. Dr. Baker is working with a PhD student to assess the carrier rate of Zellweger syndrome using publicly available whole exome sequencing data.<br><br>Dr. Baker has also been invited to speak at the 22nd Annual APHMG (Association of Professors of Human and Medical Genetics) Workshop and Special Interest Groups Meetings held in Tucson, AZ on May 4-6. Her talk is entitled “Next Generation Sequencing in Newborn Screening: Cystic Fibrosis and Beyond.” | Complete |



|                   |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |
|-------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| March 2016        | Environmental Microbiology scientific papers published  | <p>WSLH Environmental Microbiology Director Dr. Sharon Long and colleagues have published two recent scientific papers:</p> <p>Zopp, Z.P., A.M. Thompson, K.G. Karthikeyan, F. Madison, and S.C. Long. Subsurface Transport of Cryptosporidium in Soils of Wisconsin's Carbonate Aquifer Region. <i>Journal of Environmental Quality</i>.</p> <p>Liu, Z., Z.S. Carroll, S.C. Long, S. Gunasekaran, and T. Runge. 2016, online pre-publication in 2015. Use of Cationic Polymers to Reduce Pathogen Levels During Dairy Manure Separation. <i>Journal of Environmental Management</i>, 166: 260-266.</p> | Complete |
| March 2016        | UW Department of Ophthalmology and Visual Sciences      | WSLH Clinical Metals and Chemical Emergency Response staff recently completed testing 2,218 blood samples for lead and cadmium as part of a larger study that the Dept. of Ophthalmology is conducting.                                                                                                                                                                                                                                                                                                                                                                                                 | Complete |
| March 1, 2016     | Wisconsin Traffic Safety Officers annual meeting (WTSO) | WSLH Forensic Toxicology Chemist Kimberle Glowacki presented on the current drug trends in Wisconsin drivers at the WTSO annual conference.                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Complete |
| March 7-10, 2016  | Sustainable Water Management Conference                 | Dr. Sharon Long presented on "Integrating Science into Your Messages to the Public about Groundwater Quality".                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Complete |
| March 9, 2016     | APHL Lead Testing Webinar                               | WSLH Metals Lab Supervisor DeWayne Kennedy-Parker was one of the speakers for a national webinar sponsored by the Association of Public Health Laboratories covering topics related to lead testing. DeWayne covered the section on testing for lead in water. Other speakers discussed lead testing in clinical specimens, as well as emergency response and risk communication.                                                                                                                                                                                                                       | Complete |
| March 14-16, 2016 | SETAC – Midwest Chapter Conference                      | The Midwest Chapter of the Society of Environmental Toxicology & Chemistry (SETAC) held its annual meeting in Madison. The conference was organized by WSLH Environmental Toxicologist Dawn Perkins and Teresa Norberg-King from EPA. Around 100 environmental scientists from academia, business, and government gathered at the Madison Concourse Hotel to present platform and poster presentations examining the impacts of chemicals and technology on the environment.                                                                                                                            | Complete |

|                   |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |
|-------------------|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| March 16, 2016    | WI Clinical Laboratory Network Webinar               | With Zika virus emerging as a possible cause of microcephaly in infants and Guillain Barre in adults, Dr. David Warshauer, deputy director of the WSLH Communicable Disease Division, brought WCLN members up to date by presenting a webinar entitled “ <i>The Amazing Race to Beat Zika Virus</i> ”. Zika virus, once thought to be a relatively harmless virus, has raced to the top of everyone’s list of emerging pathogens. Approximately 124 laboratory professionals tuned in for the webinar.                                                                                      | Complete |
| March 21-24, 2016 | WATERCON 2016                                        | WSLH staff and students presented two papers at WATERCON 2016 in Springfield, IL.<br><br>Dr. Sharon Long and Dr. Zac Carroll presented on the “Inactivation of Pathogens and Surrogate Organisms in Anaerobic Digestion Systems.”<br><br>Brandon Moss, Dr. Long and Jessie Dowding presented “An Integrated Approach to RTCR Assessments.”                                                                                                                                                                                                                                                  | Complete |
| March 22-24, 2016 | BLS Occupational Health & Safety Training -- Chicago | Two new BLS/OSH staff members, Samantha Nelson and Alannah Birkinsha, attended a 3-day BLS Survey training for BLS state, regional, and national staff.                                                                                                                                                                                                                                                                                                                                                                                                                                     | Complete |
| March 24, 2016    | CDC TB Elimination Champions                         | The WSLH Mycobacteriology Lab staff were named TB Elimination Champions by the CDC. The announcement was made on March 24 <sup>th</sup> – World TB Day.<br><br>CDC developed the TB Elimination Champions program “... to recognize accomplishments and learn best practices from people who are making a significant contribution to preventing and controlling TB.”<br><br>The WSLH award highlighted the close collaborative working relationship of WSLH mycobacteriology lab and WDPH TB program staff, using the 2013 Sheboygan TB outbreak investigation and response as an example. | Complete |
| March 24, 2016    | Michigan Traffic Safety Summit                       | WSLH Forensic Toxicology Chemist Kimberle Glowacki presented on Polydrugs and New Drug Trends. The Summit is a collaboration of individuals from different perspective and professions, working “Toward Zero Deaths”. This                                                                                                                                                                                                                                                                                                                                                                  | Complete |

|                |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |
|----------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
|                |                                                | is a safety campaign based on the national strategy intended to influence driver behavior and improve safety.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |
| March 28, 2016 | Madison College (MATC)                         | WSLH Forensic Toxicology Chemist Kayla Neuman presented to a Criminal Law II class on the basics of the WSLH Forensic Toxicology section, alcohol testing, and alcohol's effects on human performance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Complete  |
| April 2016     | UW University Staff Recognition Award Nominees | <p>Several WSLH staff were nominated by their co-workers for UW University Staff Recognition Awards. Although none were ultimately selected for the 5 campus awards, their nominations are an honor in itself.</p> <p>Receiving nominations were:</p> <p>Jennifer Allan – EHD/Water Microbiology<br/> Mike Argall – WSLH Proficiency Testing<br/> Miel Barman – Office of Quality Assurance<br/> Nancy Gundlach – EHD/Water Microbiology<br/> Amy Mager – EHD Administration<br/> Amy Miles – EHD/Forensic Toxicology<br/> Kayo Miyazaki – DPD/Cytology<br/> Tom Neuser – EHD/Forensic Toxicology<br/> John Olson – Office of Information Systems<br/> Jeremy Olstadt – EHD/Water Microbiology<br/> Ann Valley – CDD/Bacteriology</p> | Complete  |
| April 2016     | DNA viruses in water grant                     | Dr. Sharon Long was awarded a nearly \$68,000 grant from the WI Department of Natural Resources to perform field verification of adenovirus assays for source tracking. Dr. Long is responsible for overall administration of the project and review of all experimental and technical work. The project runs July 2016 – June 2017.                                                                                                                                                                                                                                                                                                                                                                                                  | Ongoing   |
| April 2016     | The Survey of the Health of Wisconsin (SHOW)   | WSLH Clinical Metals and Chemical Emergency Response staff recently tested 300 urine arsenic samples as part of a larger study looking at other elements in humans.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Complete. |
| April 2, 2016  | UW Science Expeditions                         | <p>Cytogenetics and Environmental Microbiology both had exploration stations at the UW Science Expeditions. More than 2,300 people attended the three-day event.</p> <p>Kids and adults could make bracelets with beads</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Complete  |

|                |                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |
|----------------|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|                |                                              | <p>representing genetic traits and learn a bit more about DNA at the Cytogenetics station staffed by Kimberly Anderson, Angela Lager, Maureen McCormack and Kim Oxendine.</p> <p>At the environmental microbiology station staffed by Dr. Sharon Long, Dr. Zac Carroll and Jake Hendricks, kids performed experiments to clarify dirty water and also learned how biosolids from wastewater treatment plants can be used as fertilizer for their plants and gardens. (Tip of the hat to the Milwaukee Metropolitan Sewerage District for their donation of Milorganite and educational fliers.)</p> |          |
| April 4, 2016  | UW Population Health Sciences Poster Session | The WSLH was very well represented at the UW Population Health Sciences scientific poster day with 12 different posters from the Communicable Disease Division, Cytology Department, Environmental Health Division, Forensic Toxicology and Newborn Screening.                                                                                                                                                                                                                                                                                                                                      | Complete |
| April 13, 2016 | WI Clinical Laboratory Network Webinar       | Dr. Stephanie Schauer, immunization program manager for the Wisconsin Immunization Program at the Wisconsin Department of Health Services, discussed " <i>The Continued Need for Immunizations in 2016</i> " for the April WCLN webinar. About 109 laboratorians attended the live webinar to learn more about on how vaccines work, and how they provide protection to an individual as well as a community. Dr. Schauer spoke to the continued need for immunizations and also dispelled some of the myths associated with immunizations.                                                         | Complete |
| April 13, 2016 | Madison Water Utility History Video          | <p>A short documentary the Madison Water Utility created about their history won Best Government Access Program at the Midwest Media Fest.</p> <p>Dr. Sharon Long is featured in the video re-creating the experiment UW undergrad Magnus Swenson would have done in the 1880s to convince the people of Madison that the water they were drinking from their hand-dug backyard wells (sited sometimes just feet away from their family cess pools) was unsafe.</p> <p>Video --<br/> <a href="https://www.youtube.com/watch?v=xwu5FhwmTx4">https://www.youtube.com/watch?v=xwu5FhwmTx4</a></p>      | Complete |

Wisconsin State Laboratory of Hygiene  
Board of Directors Meeting  
April 26, 2016

**Report to the  
Wisconsin State Laboratory of Hygiene Board  
Water Systems Tests by the WSLH  
For the period February 1, 2016 – March 31, 2016**

|                                                                                       |      |
|---------------------------------------------------------------------------------------|------|
| Number of systems on a boil water notice                                              | 17   |
| Number of water systems tested                                                        | 1979 |
| Percent of systems on a boil water notice                                             | 0.9% |
| 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 | 4    |
| 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> .                     | 13   |

|             | # of systems tested by SLH |    |    |    | # of Boil Water Notices |    |    |    |
|-------------|----------------------------|----|----|----|-------------------------|----|----|----|
|             | MC                         | OC | NN | TN | MC                      | OC | NN | TN |
| Adams       | 3                          | 2  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Ashland     | 3                          | 0  | 1  | 0  | 0                       | 0  | 0  | 0  |
| Barron      | 1                          | 2  | 2  | 0  | 0                       | 0  | 0  | 0  |
| Bayfield    | 1                          | 0  | 1  | 0  | 0                       | 0  | 0  | 0  |
| Brown       | 9                          | 1  | 1  | 5  | 0                       | 0  | 0  | 0  |
| Buffalo     | 3                          | 0  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Burnett     | 0                          | 1  | 0  | 1  | 0                       | 0  | 0  | 0  |
| Calumet     | 7                          | 2  | 0  | 3  | 0                       | 0  | 0  | 0  |
| Chippewa    | 0                          | 3  | 0  | 17 | 0                       | 0  | 0  | 0  |
| Clark       | 5                          | 1  | 4  | 1  | 0                       | 0  | 0  | 0  |
| Columbia    | 10                         | 7  | 8  | 17 | 0                       | 0  | 0  | 1  |
| Crawford    | 5                          | 1  | 0  | 2  | 0                       | 0  | 0  | 0  |
| Dane        | 32                         | 17 | 14 | 2  | 0                       | 1  | 0  | 0  |
| Dodge       | 16                         | 4  | 7  | 6  | 0                       | 0  | 0  | 0  |
| Door        | 3                          | 4  | 1  | 41 | 0                       | 0  | 0  | 0  |
| Douglas     | 1                          | 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  | 0  | 3  | 0                       | 0  | 0  | 0  |
| Fond Du Lac | 9                          | 12 | 1  | 0  | 0                       | 0  | 0  | 0  |
| Forest      | 4                          | 0  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Grant       | 11                         | 6  | 1  | 6  | 0                       | 1  | 0  | 0  |
| Green       | 7                          | 1  | 3  | 2  | 0                       | 0  | 0  | 0  |
| Green Lake  | 5                          | 1  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Iowa        | 7                          | 2  | 1  | 2  | 0                       | 0  | 0  | 0  |
| Iron        | 5                          | 0  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Jackson     | 3                          | 0  | 1  | 2  | 0                       | 0  | 0  | 0  |
| Jefferson   | 5                          | 4  | 4  | 34 | 0                       | 0  | 0  | 0  |
| Juneau      | 8                          | 4  | 4  | 3  | 0                       | 0  | 0  | 0  |
| Kenosha     | 0                          | 15 | 4  | 4  | 0                       | 0  | 0  | 0  |
| Kewaunee    | 3                          | 1  | 2  | 5  | 0                       | 0  | 0  | 0  |
| La Crosse   | 0                          | 3  | 2  | 1  | 0                       | 0  | 0  | 0  |
| Lafayette   | 6                          | 0  | 0  | 5  | 0                       | 0  | 0  | 0  |
| Langlade    | 1                          | 1  | 0  | 2  | 0                       | 0  | 0  | 0  |
| Lincoln     | 3                          | 0  | 0  | 1  | 0                       | 0  | 0  | 0  |
| Manitowoc   | 5                          | 3  | 5  | 3  | 0                       | 0  | 0  | 0  |
| Marathon    | 3                          | 1  | 1  | 1  | 0                       | 0  | 0  | 0  |
| Marinette   | 6                          | 0  | 1  | 7  | 0                       | 0  | 0  | 1  |
| Marquette   | 1                          | 2  | 4  | 4  | 0                       | 0  | 0  | 0  |
| Menominee   | 0                          | 0  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Milwaukee   | 2                          | 3  | 2  | 0  | 0                       | 0  | 0  | 0  |
| Monroe      | 5                          | 3  | 1  | 1  | 0                       | 0  | 0  | 0  |
| Oconto      | 5                          | 4  | 2  | 17 | 0                       | 0  | 0  | 0  |
| Oneida      | 1                          | 4  | 1  | 0  | 0                       | 0  | 0  | 0  |
| Outagamie   | 9                          | 0  | 0  | 6  | 0                       | 0  | 0  | 0  |
| Ozaukee     | 1                          | 3  | 3  | 2  | 0                       | 0  | 0  | 0  |
| Pepin       | 0                          | 1  | 1  | 0  | 0                       | 0  | 0  | 0  |
| Pierce      | 2                          | 1  | 1  | 1  | 0                       | 0  | 0  | 0  |
| Polk        | 1                          | 0  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Portage     | 3                          | 2  | 3  | 2  | 0                       | 0  | 0  | 0  |
| Price       | 3                          | 1  | 2  | 0  | 0                       | 0  | 0  | 0  |
| Racine      | 1                          | 6  | 5  | 3  | 0                       | 0  | 0  | 0  |
| Richland    | 5                          | 0  | 2  | 4  | 0                       | 0  | 0  | 0  |
| Rock        | 7                          | 11 | 6  | 5  | 0                       | 0  | 0  | 0  |
| Rusk        | 1                          | 2  | 1  | 0  | 0                       | 0  | 0  | 0  |
| Sauk        | 9                          | 4  | 1  | 2  | 0                       | 0  | 0  | 0  |
| Sawyer      | 1                          | 1  | 1  | 0  | 0                       | 0  | 0  | 0  |
| Shawano     | 9                          | 1  | 1  | 5  | 0                       | 0  | 0  | 0  |
| Sheboygan   | 6                          | 2  | 1  | 3  | 0                       | 0  | 0  | 0  |
| St. Croix   | 1                          | 3  | 1  | 3  | 0                       | 0  | 0  | 0  |
| Taylor      | 1                          | 0  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Trempealeau | 4                          | 1  | 1  | 0  | 0                       | 0  | 0  | 0  |
| Unknown     | 0                          | 0  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Vernon      | 4                          | 1  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Vilas       | 3                          | 7  | 1  | 0  | 0                       | 0  | 0  | 0  |
| Walworth    | 2                          | 2  | 4  | 0  | 0                       | 0  | 0  | 0  |
| Washburn    | 1                          | 1  | 1  | 1  | 0                       | 0  | 0  | 0  |
| Washington  | 1                          | 5  | 2  | 0  | 0                       | 0  | 0  | 0  |
| Waukesha    | 3                          | 5  | 8  | 1  | 0                       | 0  | 0  | 0  |
| Waupaca     | 6                          | 2  | 1  | 0  | 0                       | 0  | 0  | 0  |
| Waushara    | 4                          | 1  | 0  | 9  | 0                       | 0  | 0  | 1  |
| Winnebago   | 4                          | 1  | 3  | 0  | 0                       | 0  | 0  | 0  |
| Wood        | 4                          | 4  | 4  | 2  | 0                       | 0  | 0  | 1  |

## February 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       | 4                          | 2  | 0  | 1  | 0                       | 0  | 0  | 2  |
| Ashland     | 3                          | 0  | 0  | 1  | 0                       | 0  | 0  | 0  |
| Barron      | 1                          | 2  | 4  | 0  | 0                       | 0  | 0  | 0  |
| Bayfield    | 1                          | 0  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Brown       | 9                          | 1  | 1  | 12 | 0                       | 0  | 0  | 0  |
| Buffalo     | 3                          | 0  | 1  | 0  | 0                       | 0  | 0  | 0  |
| Burnett     | 0                          | 1  | 1  | 0  | 0                       | 0  | 0  | 0  |
| Calumet     | 7                          | 2  | 3  | 7  | 0                       | 0  | 0  | 0  |
| Chippewa    | 0                          | 3  | 2  | 24 | 0                       | 0  | 0  | 0  |
| Clark       | 7                          | 1  | 1  | 2  | 0                       | 0  | 0  | 0  |
| Columbia    | 10                         | 6  | 3  | 10 | 0                       | 0  | 0  | 0  |
| Crawford    | 5                          | 1  | 0  | 6  | 0                       | 0  | 0  | 1  |
| Dane        | 32                         | 14 | 10 | 4  | 0                       | 0  | 0  | 0  |
| Dodge       | 16                         | 5  | 12 | 6  | 0                       | 0  | 0  | 0  |
| Door        | 3                          | 3  | 3  | 94 | 0                       | 1  | 0  | 0  |
| Douglas     | 0                          | 0  | 0  | 11 | 0                       | 0  | 0  | 0  |
| Dunn        | 0                          | 3  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Eau Claire  | 0                          | 6  | 5  | 0  | 0                       | 0  | 0  | 0  |
| Florence    | 1                          | 0  | 0  | 4  | 0                       | 0  | 0  | 0  |
| Fond Du Lac | 8                          | 11 | 3  | 8  | 0                       | 0  | 0  | 0  |
| Forest      | 4                          | 0  | 0  | 3  | 0                       | 0  | 0  | 0  |
| Grant       | 11                         | 6  | 1  | 11 | 0                       | 1  | 0  | 0  |
| Green       | 7                          | 1  | 2  | 6  | 0                       | 0  | 0  | 0  |
| Green Lake  | 5                          | 1  | 4  | 12 | 0                       | 0  | 0  | 0  |
| Iowa        | 6                          | 2  | 5  | 14 | 0                       | 0  | 0  | 0  |
| Iron        | 4                          | 0  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Jackson     | 2                          | 0  | 1  | 2  | 0                       | 0  | 0  | 0  |
| Jefferson   | 5                          | 2  | 9  | 25 | 0                       | 0  | 0  | 1  |
| Juneau      | 8                          | 4  | 0  | 2  | 0                       | 0  | 0  | 0  |
| Kenosha     | 0                          | 16 | 10 | 1  | 0                       | 0  | 0  | 0  |
| Kewaunee    | 3                          | 1  | 1  | 3  | 0                       | 0  | 0  | 0  |
| La Crosse   | 0                          | 3  | 5  | 1  | 0                       | 0  | 0  | 0  |
| Lafayette   | 6                          | 0  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Langlade    | 1                          | 1  | 0  | 2  | 0                       | 0  | 0  | 0  |
| Lincoln     | 3                          | 0  | 1  | 0  | 0                       | 0  | 0  | 0  |
| Manitowoc   | 5                          | 3  | 2  | 2  | 0                       | 0  | 0  | 0  |
| Marathon    | 3                          | 1  | 3  | 0  | 0                       | 0  | 0  | 0  |
| Marinette   | 6                          | 0  | 1  | 20 | 0                       | 0  | 0  | 1  |
| Marquette   | 1                          | 3  | 3  | 15 | 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  | 1  | 4  | 0                       | 0  | 0  | 0  |
| Oconto      | 5                          | 3  | 1  | 19 | 0                       | 0  | 0  | 0  |
| Oneida      | 1                          | 4  | 1  | 1  | 0                       | 0  | 0  | 0  |
| Outagamie   | 9                          | 0  | 0  | 6  | 0                       | 0  | 0  | 0  |
| Ozaukee     | 1                          | 2  | 16 | 0  | 0                       | 0  | 0  | 0  |
| Pepin       | 0                          | 1  | 1  | 0  | 0                       | 0  | 0  | 0  |
| Pierce      | 2                          | 1  | 3  | 2  | 0                       | 0  | 0  | 1  |
| Polk        | 1                          | 0  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Portage     | 3                          | 2  | 4  | 0  | 0                       | 0  | 0  | 0  |
| Price       | 3                          | 1  | 0  | 1  | 0                       | 0  | 0  | 0  |
| Racine      | 1                          | 6  | 13 | 0  | 0                       | 0  | 0  | 0  |
| Richland    | 6                          | 0  | 4  | 7  | 0                       | 0  | 0  | 0  |
| Rock        | 7                          | 12 | 8  | 9  | 0                       | 0  | 0  | 0  |
| Rusk        | 1                          | 1  | 1  | 0  | 0                       | 0  | 0  | 0  |
| Sauk        | 8                          | 4  | 1  | 1  | 0                       | 0  | 0  | 0  |
| Sawyer      | 1                          | 0  | 1  | 0  | 0                       | 0  | 0  | 0  |
| Shawano     | 9                          | 1  | 1  | 16 | 0                       | 0  | 0  | 0  |
| Sheboygan   | 7                          | 1  | 5  | 7  | 0                       | 0  | 0  | 1  |
| St. Croix   | 1                          | 3  | 2  | 0  | 0                       | 0  | 0  | 0  |
| Taylor      | 1                          | 0  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Trempealeau | 4                          | 1  | 0  | 1  | 0                       | 0  | 0  | 0  |
| Unknown     | 0                          | 0  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Vernon      | 4                          | 1  | 0  | 1  | 0                       | 0  | 0  | 0  |
| Vilas       | 3                          | 7  | 1  | 4  | 0                       | 0  | 0  | 0  |
| Walworth    | 2                          | 2  | 5  | 6  | 0                       | 0  | 0  | 0  |
| Washburn    | 1                          | 1  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Washington  | 1                          | 5  | 6  | 3  | 0                       | 0  | 0  | 0  |
| Waukesha    | 4                          | 5  | 11 | 18 | 0                       | 0  | 0  | 0  |
| Waupaca     | 6                          | 2  | 2  | 0  | 0                       | 0  | 0  | 0  |
| Waushara    | 4                          | 2  | 1  | 17 | 0                       | 0  | 0  | 1  |
| Winnebago   | 4                          | 0  | 0  | 0  | 0                       | 0  | 0  | 0  |
| Wood        | 4                          | 4  | 2  | 1  | 0                       | 0  | 0  | 1  |

## March 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.