

DATE: September 14, 2022

TO: Dean Robert N. Golden, MD, UW-SMPH – Dr. Jon Audhya, Designated Representative
Karen Timberlake, Secretary-designee, DHS – Dr. Jon Meiman, Designated Representative
Preston Cole, Secretary, DNR – Greg Pils, Designated Representative
Randy Romanski, Secretary, DATCP – Gilbert (Gil) Kelley, Designated Representative
Greg Pils, Chair
Dr. Robert Corliss, Vice Chair
Dr. Jon Audhya, Member
Jessica Blahnik, Member
Gina Green-Harris, Member
Gilbert (Gil) Kelley, Member
Jeffrey Kindrai, Member
Dr. Jon Meiman, Member
Dr. Christopher Strang, Member
Steve Geis, DNR Alternate
Zana Sijan, DNR Alternate
Paula Tran, DHS Alternate
Anna Benton, DHS Alternate

FROM: Dr. James Schauer, Secretary
Director, Wisconsin State Laboratory of Hygiene

RE: Wisconsin State Laboratory of Hygiene Board of Directors Meeting
Wisconsin State Laboratory of Hygiene
In-Person/Online Meeting
September 20, 2022, 1:00 p.m. – 4:00 p.m.

CC: Dr. Richard Moss, Member
Kevin Karbowski
Jan Klawitter
Nancy McLean
Dr. Errin Rider
David Webb
Dr. Al Bateman
Mark Conklin
Tip Vandall

WISCONSIN STATE LABORATORY OF HYGIENE
BOARD OF DIRECTORS

MEETING NOTICE

Tuesday, September 20, 2022
1:00 p.m. - 4:00 p.m.

MEETING LOCATION

Stovall Building
465 Henry Mall, Madison, WI 53706

Notice is hereby given that the Wisconsin State Laboratory of Hygiene Board of Directors will convene at 1:00 p.m. on Tuesday, September 20, 2022 in-person and via teleconference.

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 the matter is urgent.

Notice is further given that this meeting may be conducted partly or entirely by teleconference of 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,



James J. Schauer, PhD, P.E., M.B.A.

Secretary, Wisconsin State Laboratory of Hygiene Board of Directors
Director, Wisconsin State Laboratory of Hygiene

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
September 20, 2022

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
September 20, 2022
1:00 pm – 4:00 pm

Wisconsin State Laboratory of Hygiene
465 Henry Mall, Madison, WI 53706

AGENDA

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Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
September 20, 2022

SEPTEMBER 20, 2021

PROCEDURAL ITEMS

Item 1. ROLL CALL

Description of Item:

Roll call of attendance at Board Meeting led by Board Chair

Suggested Board Action:

Submit roll call

Staff Recommendation and Comments:

Roll call will be recorded by Board Secretary

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
September 20, 2022

PROCEDURAL ITEMS

Item 2. APPROVAL OF MINUTES

Description of Item:

The draft minutes of the June 21, 2022 board meeting are submitted for approval

Suggested Board Action:

Motion: Approve the draft minutes of the June 21, 2022 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
September 20, 2022

APPROVED MINUTES
Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
June 21, 2022
1:00pm – 4:00pm

MEMBERS PRESENT: Mr. Greg Pils, Dr. Jon Meiman, Dr. Richard Moss, Dr. Christopher Strang, Ms. Jessica Blahnik, Mr. Gil Kelley, Mr. Jeff Kindrai, Dr. Jamie Schauer

WSLH STAFF PRESENT: Dr. Heather Barkholtz, Dr. Al Bateman, Ms. Amy Miles, Dr. Alana Sterkel, Mr. Allen Benson, Mr. Kevin Karbowski, Ms. Nancy McLean, Ms. Jan Klawitter, Mr. Steve Strebel, Mr. David Webb

DNR STAFF PRESENT: Mr. Steve Geis

GUESTS PRESENT: Mr. Paul Krupski, presenter
Dr. Casey Gallimore, presenter
Dr. Andrea Porter, presenter
Mr. R.T.Krueger, observer

Procedural Items

Item 1. ROLL CALL

Chairman Pils called the meeting to order.

Chairman Pils initiated and conducted the roll call of the Board members. All Board Member seats or their designated representatives were present except for excused member Dr. Robert Corliss, and excused alternates Zana Sijan, Paula Tran and Anna Benson

Item 2. APPROVAL OF MINUTES

- March 15, 2022

[Mr. Kindrai made the motion to approve the March 15, 2002 minutes. Dr. Strang seconded the motion. The voice vote to approve the minutes was unanimous.](#)

Item 3. REORGANIZATION OF AGENDA

There was no request to reorganize the agenda

**Wisconsin State Laboratory of Hygiene
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Item 4. PUBLIC APPEARANCES

None

Item 5. BOARD MEMBERS' MATTERS

Jeff Kindrai offered thanks for WSLH support regarding the new Monkeypox challenges

Introductions of new Board Member, Dr. Christopher Strang and new WSLH Human Resources Director, Nancy McLean

BUSINESS ITEMS:

Item 6. WISCONSIN'S OPIOID EPIDEMIC

- **Ms. Amy Miles**
- **Mr. Paul Krupski**

Ms. Amy Miles, Director of Forensic Toxicology, Wisconsin State Laboratory of Hygiene, led with a presentation regarding her department's involvement with opioid issues in the State of Wisconsin.

Ms. Miles advised that the WSLH's Forensic Toxicology department handles 20,000 cases per year. They are kept busy with primarily impaired driving cases, and about 15% of the workload comprised of medical examiner and coroner casework, and providing testimony in 360+ trials. Due to COVID, remote testimony has become more popular, which has been helpful with keeping the Lab staffed.

There have been data limitations; WSLH will receive a sample from a coroner and feedback isn't always provided. In 2019, the Department of Health purchased a Quadrupole Time of Flight Mass Spectrometer, which has changed the landscape of testing. The instrumentation is equal to that of Milwaukee, and they are now able to identify more opioid compounds than ever before, as well as precursors, including medical intervention vs. illicit. We're a leader in the country because of that.

Ms. Miles introduced **Mr. Paul Krupski**, Director of Opioid Initiatives, Wisconsin Department of Health Services, to provide a presentation on Trends in Opioid Overdoses and Deaths in Wisconsin to the Board.

Mr. Krupski extended his thanks for a strong partnership and relationship with WSLH, as it does take a village to help out with this work. Pre-pandemic, there was positive change and we were on the right track with positive outcomes, but the pandemic seemed to have set this problem two steps back, with opioid-related overdoses, hospitalizations and deaths having increased again. We'll need to stay aligned and reinforce prior efforts and we can return to decreases.

There were 105,000 fatal overdoses from October 2020 to October 2021. Fentanyl is now the primary opioid involved and started to skyrocket in 2016-2017 mostly due to its very low manufacturing cost. The majority of deaths are now poly-drug related.

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Rates in Wisconsin mirror what is happening nationally. Best guess is there are no states moving against this trend.

DHS has data dashboard available:

<https://www.dhs.wisconsin.gov/opioids/dashboards.htm>

Item 7. POINT OF CARE TESTING

- **Dr. Casey Gallimore**
- **Dr. Andrea Porter**

Pharmacies are the 2nd largest provider of CLIA-waived tests by total number of locations

Pharmacies exhibited largest growth both in number and percent of CLIA-waived facilities between 2015 and 2020

States vary in percentage of pharmacies with a CLIA-waiver, (range of 2.92%–56.52%)

17% of Wisconsin pharmacies offer POCT, and almost 50% expect to continue or expand.

Barriers include issues in staffing, physical resources, patient interest and financial hurdles for the pharmacies.

A detailed description of the UW's Pharmacy program with about 120 students per class was part of the presentation including the program's POCT instruction.

The Equitable Community Access to Pharmacist Services Act was introduced in the House of Representatives in March, 2022. If passed, this will help Medicare recipients to receive POCT from pharmacies.

Item 8. FINANCIAL REPORT

- **Mr. Kevin Karbowski**

Income statement for 10 months ending April 30th –

Actual performance/budget/calculations of variances

Lost \$1.1M – There are two big things going on –

Clinical revenue is \$1M under budget – Almost all of that is on cost reimbursement or grant contacts –
What this means is that while revenue is down because work is done slower, an equal amount is also down

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Consulting services were higher than anticipated. In Jun, July and August, corresponding -

WOHL is taking longer to come back from the pandemic than expected. It is coming back, but slower and Mr. Karbowski also noted that the division has made excellent progress in keeping their expenses down.

The loss is going to be absorbed by reserves per Dr. Schauer.

Reflected in this income statement is also a \$1.6 M loss on Newborn Screening (NBS), which is **huge**.

Statute requires we inform of contracts we enter into – 7 contracts – Revenue that we will experience over DHS, 6 months for training.

Item 9. APPROVAL OF FY23 BUDGET

- **Mr. Kevin Karbowski**

There is a shortfall of over \$1M which will be covered by existing reserves, half of which are restricted and cannot be used for this purpose. Without an increase in the cost for NBS cards, the NBS program is presently unsustainable.

WSLH is working with State/UW liaisons, so there is legislative awareness of the issue. At September and December board meetings, we will be looking for the board to discuss and provide guidance.

No discussion - Mr. Kindrai moves to approve and Mr. Pils seconds. Unanimous verbal agreement, motion carried.

Item 10. CONTRACTS REPORT

- **Mr. Karbowski**

WSLH has executed \$2.5M in contracts since March 2022. The vast majority is tied to WDHS.

BUSINESS ITEMS

Item 11. DIRECTOR'S REPORT

Dr James Schauer, Director, WSLH

- **Strategic Plan Update**
 - **Kevin Karbowski**

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- **Water Boil Notice Report**
 - **Dave Webb**
 - 3 in Door County – relationship between bedrock and surface water.

- **Space Update**
 - **Dave Webb**
 - Options include expansion at Ag Drive, existing Hill Farms site and DATCP bldg. Stovall is a 1950's structure.

- **Monkeypox Testing**
 - **Dr. Alana Sterkel**
 - As of September 8, 2022, 63 cases of orthopoxvirus, presumed to be monkeypox, have been confirmed in Wisconsin.
 - As of September 7, 2022, there have been 21,274 confirmed cases of monkeypox and orthopoxvirus in the United States.
 - 2022 not associated with animal contact – Seen more as an STD,
 - Considered a less virulent strain – Not a select agent.
 - Current capacity 24/day routine 100/ day surge. This could likely be expanded by 5x to 10x as was Covid19 testing.
 - With recent CDC release of protocols, clinical and commercial labs could come online soon.

- **Public Relations Report**
 - **Jan Klawitter**
 - Ms. Klawitter referred Board Members to the packet which provides details and further information about more employee activities and accomplishments.

Dr. Strang move to adjourn, Mr. Kindrai seconded and the meeting was concluded.

Wisconsin State Laboratory of Hygiene
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PROCEDURAL ITEMS

Item 3. REORGANIZATION OF AGENDA

Description of Item:

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

Suggested Board Action:

None

Staff Recommendation and Comments:

Reorganize the agenda if requested by the Board

**Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
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PROCEDURAL ITEMS

Item 4. PUBLIC APPEARANCES

Description of 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](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.]

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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: susan.buechner@slh.wisc.edu

Wisconsin State Laboratory of Hygiene
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BUSINESS ITEMS

Item 5. BOARD MEMBERS' MATTERS

Description of the Item:

Board Members' Matters will present board members with the opportunity to ask questions and/or discuss issues related to the Wisconsin 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
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BUSINESS ITEMS:

Item 6. PFAS – REGULATIONS, DNR & EPA STANDARDS

Description of Item:

Mimi Johnson from the Department of Natural Resources will present on PFAS updates.

Suggested Board Action:

Review and provide input.

Staff Recommendation and Comments:

Receive for information

Wisconsin State Laboratory of Hygiene
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BUSINESS ITEMS

Item 7. WSLH FACILITIES UPDATE

Description of the Item:

Mr. Dave Webb will provide an overall update to the Board

Suggested Board Action:

Review and provide input

Staff Recommendations and Comments:

Receive for information

Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
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BUSINESS ITEMS

Item 8. FINANCIAL REPORT

Description of the Item:

Kevin Karbowski, WSLH Chief Financial Officer, will provide an update on 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
Board of Directors Meeting
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FISCAL YEAR
2022

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FINANCIAL STATEMENTS

Statement of income

Comparative income
statement

Comparative balance sheet

Statement of cash flows

Notes to the financial statements

**Wisconsin State Laboratory of Hygiene
Board of Directors Meeting
September 20, 2022
WISCONSIN STATE LABORATORY OF HYGIENE
STATEMENT OF INCOME
For the period July 1, 2021 through June 30, 2022**

	Fiscal Year 2022 Actual	Fiscal Year 2022 Budget	Variance Over/(Under)	Variance % of Budget
SUPPORT AND REVENUE				
Clinical	\$18,904,220	\$20,324,657	(\$1,420,437)	-7.0%
Newborn Screening	4,396,974	4,300,000	96,974	2.3%
Driver Improvement Surcharge	1,619,200	1,619,200	0	0.0%
Environmental	6,380,267	5,984,085	396,182	6.6%
National Atmospheric Deposition Program	1,632,233	1,777,308	(145,075)	-8.2%
Proficiency	3,467,620	3,433,738	33,882	1.0%
Occupational Health	1,893,044	2,156,557	(263,513)	-12.2%
Laboratory Services	38,293,558	39,595,545	(1,301,988)	-3.3%
Fund 150 Support	789,098	1,005,007	(215,909)	-21.5%
WIDHS Employee Contracts	893,675	862,767	30,908	3.6%
Earnings - Investment Income	4,595	6,000	(1,405)	-23.4%
Other Revenue	1,687,368	1,873,774	(186,406)	-9.9%
Sponsored Projects	6,224,076	6,204,641	19,435	0.3%
Program Revenue	46,205,002	47,673,960	(1,468,959)	-3.1%
State General Program Revenue (GPR)	12,030,200	11,820,000	210,200	1.8%
TOTAL SUPPORT AND REVENUE	58,235,201	59,493,960	(1,258,759)	-2.1%
EXPENSES				
Salaries	23,405,889	23,186,967	218,922	0.9%
Fringe Benefits	8,601,343	8,519,989	81,354	1.0%
Supplies & Services	20,937,083	21,578,848	(641,764)	-3.0%
Building Rent	3,321,154	3,330,756	(9,602)	-0.3%
Transfer Overhead to UW	965,016	1,017,487	(52,471)	-5.2%
Depreciation	2,442,430	2,474,948	(32,519)	-1.3%
Bad Debt Expense	549	3,600	(3,051)	-84.8%
Interest Expense	491	6,000	(5,509)	-91.8%
TOTAL EXPENSES	59,673,954	60,118,594	(444,640)	-0.7%
NET OPERATING INCOME (LOSS)	(\$1,438,752)	(\$624,634)	(\$814,118)	

**Wisconsin State Laboratory of Hygiene
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	Year to Date Actual	Prior Year Actual	Variance Over/(Under)	Variance % of Budget
SUPPORT AND REVENUE				
Clinical	\$18,904,220	\$19,905,580	(\$1,001,360)	-5.0%
Newborn Screening	4,396,974	4,400,257	(3,283)	-0.1%
Driver Improvement Surcharge	1,619,200	1,619,200	0	0.0%
Environmental	6,380,267	5,340,074	1,040,194	19.5%
National Atmospheric Deposition Program	1,632,233	1,614,798	17,434	1.1%
Proficiency	3,467,620	3,518,392	(50,772)	-1.4%
Occupational Health	1,893,044	1,607,374	285,670	17.8%
Laboratory Services	38,293,558	38,005,675	287,883	0.8%
Fund 150 Support	789,098	936,125	(147,027)	-15.7%
WIDHS Employee Contracts	893,675	641,769	251,906	39.3%
Earnings - Investment Income	4,595	6,185	(1,590)	-25.7%
Other Revenue	1,687,368	1,584,079	103,289	6.5%
Sponsored Projects	6,224,076	5,630,187	593,888	10.5%
Program Revenue	46,205,002	45,219,942	985,060	2.2%
State General Program Revenue (GPR)	12,030,200	11,673,379	356,821	3.1%
TOTAL SUPPORT AND REVENUE	58,235,201	56,893,321	1,341,881	2.4%
EXPENSES				
Salaries	23,405,889	22,215,577	1,190,312	5.4%
Fringe Benefits	8,601,343	8,236,505	364,838	4.4%
Supplies & Services	20,937,083	20,080,055	857,028	4.3%
Building Rent	3,321,154	3,181,641	139,513	4.4%
Transfer Overhead to UW	965,016	970,218	(5,202)	-0.5%
Depreciation	2,442,430	2,026,375	416,055	20.5%
Bad Debt Expense	549	1,751	(1,202)	-68.6%
Interest Expense	491	1,470	(979)	-66.6%
TOTAL EXPENSES	59,673,954 [█]	56,713,592	2,960,362	5.2%
NET OPERATING INCOME (LOSS)	(\$1,438,752)	\$179,729	(\$1,618,481)	-900.5%

**Wisconsin State Laboratory of Hygiene
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**WISCONSIN STATE LABORATORY OF HYGIENE
COMPARATIVE BALANCE SHEET
As of June 30, 2022 and June 30, 2021**

ASSETS

	June 30, 2022	June 30, 2021
CURRENT ASSETS		
Cash	\$1,101,073	\$3,202,501
Cash-restricted (Note 1)	3,796,350	4,031,415
Net accounts receivables (Note 2)	6,284,071	5,696,761
Other receivables	855,000	912,602
Inventories	67,988	39,107
Prepaid expenses	258,864	264,896
	12,363,345	14,147,282
EQUIPMENT AND BUILDING IMPROVEMENTS		
Equipment	35,902,560	33,123,260
Building improvements	6,878,228	6,878,228
	42,780,788	40,001,488
Less accumulated depreciation	(30,367,758)	(27,925,329)
	12,413,030	12,076,159
Total Assets	\$24,776,376	\$26,223,442

LIABILITIES AND EQUITY

CURRENT LIABILITIES

Salaries and fringe benefits payable	\$0	\$0
Accounts payable	1,106,331	845,108
Accrued expenses	0	0
Deferred revenue	0	252,619
Compensated absences (Note 3)	1,212,314	997,964
Proficiency testing deferred revenue	954,583	1,024,366
Newborn screening deferred revenue	2,342,272	2,310,120
Newborn screening surcharge payable	499,496	696,929
	6,114,994	6,127,106

LONG TERM DEBT

Compensated Absences (Note 3)	1,661,462	1,657,664
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**Wisconsin State Laboratory of Hygiene
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Total long term debt	1,661,462	1,657,664
Total Liabilities	<u>\$7,776,456</u>	<u>\$7,784,770</u>
EQUITY		
Net Operating Income (Loss)	(1,438,752)	189,728
Retained earnings	12,804,156	12,614,428
Contributed capital	<u>5,634,516</u>	<u>5,634,516</u>
Total retained earnings	<u>16,999,920</u>	<u>18,438,672</u>
Total Equity	<u>16,999,920</u>	<u>18,438,672</u>
Total Liabilities and Equity	<u>\$24,776,376</u>	<u>\$26,223,442</u>

Wisconsin State Laboratory of Hygiene
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WISCONSIN STATE LABORATORY OF HYGIENE		
STATEMENT OF CASH FLOWS		
For the 12 months ended June 30, 2022 and June 30, 2021		
	Year to Date	Prior Year
CASH FLOWS FROM OPERATING ACTIVITIES		
Net income	(\$1,438,752)	\$189,728
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation	2,442,430	2,026,375
Changes in working capital components:		
Decrease/(Increase) in net accounts receivables	(587,310)	(1,862,839)
Decrease/(Increase) in other receivables	57,602	(17,860)
Decrease/(Increase) in inventories	(28,881)	2,332
Decrease/(Increase) in prepaid expenses	6,032	(170,412)
(Decrease)/Increase in salaries payable	0	0
(Decrease)/Increase in accounts payable	261,223	393,248
(Decrease)Increase in accrued expenses	0	(78,194)
(Decrease)Increase in deferred revenue	(252,619)	249,424
(Decrease)Increase in proficiency testing deferred revenue	(69,784)	(102,661)
(Decrease)/Increase in newborn screen deferred revenue	32,152	(114,879)
(Decrease)/Increase in newborn screening surcharge payable	(197,434)	(290,666)
Net cash provided (used) in operating activities	224,659	223,597
CASH FLOWS FROM INVESTING ACTIVITIES		
Purchase of equipment and physical plant improvements	(2,561,152)	(3,033,294)
Net cash provided (used) in investing activities	(2,561,152)	(3,033,294)
CASH FLOWS FROM FINANCING ACTIVITIES		
Principal payment on Capital Lease	-	-
Net cash provided (used) in financing activities	-	-
Net increase (decrease) in cash	(2,336,493)	(2,809,697)
Cash:		
Beginning	7,233,916	10,043,613
Ending	\$4,897,423	\$7,233,916

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BUSINESS ITEMS

Item 9. CONTRACTS REPORT

Description of the Item:

Kevin Karbowski, WSLH Chief Financial Officer, will provide a brief update on Contracts to the Board.

Suggested Board Action:

Review and provide input.

Staff Recommendations and Comments:

Receive for information.

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BUSINESS ITEMS

Item 10 DIRECTOR'S REPORT

Dr James Schauer, Director, WSLH

- **WSLH Biennial Budget Requests**
- **Update on Strategic Plan**

❖ **Water Boil Notice Report**

- Dave Webb

❖ **Public Relations Report**

- Jan Klawitter

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Report to the Wisconsin State Laboratory of Hygiene Board

Water Systems Tests by the WSLH

June 1, 2022 – September 1, 2022

COUNTY_NAME	PWS_TYPE	NUMBER_OF_SYSTEMS	NUMBER_OF_UNSAFE	NUMBER_OF_BWO
None	None	0	0	0

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Report to the Wisconsin State Laboratory of Hygiene Board
Representative Public or Environmental Health Incidents of Educational Interest
June 3 – September 7, 2022

Approx. Date	Agent or Event Name	Description	Current Status
OUTBREAKS and INCIDENTS			
January 2020	COVID-19 virus	<p>In early March 2020, only the WSLH and the City of Milwaukee Health Dept. Lab were testing for COVID-19 virus in the state. Since then the WSLH has helped bring 130+ labs in the state online for testing and also added multiple different testing platforms. The WSLH continues to perform testing primarily in our outbreak response role.</p> <p>With funding from the WI Department of Health Services, the WSLH is also performing population-based surveillance testing.</p> <ul style="list-style-type: none"> • The WSLH Communicable Disease Division is performing antibody testing for the Past Antibody COVID-19 Community Survey (PACCS). • WSLH Environmental Microbiology have developed methods and are performing testing for a statewide wastewater surveillance study. <p>The WSLH Communicable Disease Division is performing whole-genome sequencing of SARS-CoV-2 viruses for strain surveillance and variant detection statewide. The Division is also coordinating a network of other labs in the state that perform whole-genome sequencing for variant detection.</p> <p>With CARES/ELC funding through WI DHS, WisCon has established a COVID-19 Consulting service, providing consultation services for WI businesses</p>	Ongoing

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		<p>seeking to improve their facility's employee protection plans and procedures related to COVID-19. The group is conducting bi-weekly public outreach webinars, provides phone, virtual and in-person consultation services. The services have been popular and well received by served businesses and local public health departments around the state. Additionally, the group is partnering with DHS Procurement and Infection Preventionists to provide respirator fit testing kits, training, and related assistance to employees at over 4,500 nursing and residential care facilities throughout the state.</p>	
May 2022	Monkeypox virus	<p>An international monkeypox outbreak was identified in May 2022. The WSLH Communicable Disease Division has worked closely with the WI DHS/DPH Bureau of Communicable Diseases on responding to this outbreak. As a CDC-designated Laboratory Response Network (LRN) testing lab, the WSLH has the capacity to presumptively identify monkeypox by PCR testing, and has been testing Wisconsin residents since the beginning of the outbreak. In addition to LRN laboratories, the CDC also has contracted with several national commercial labs to perform monkeypox testing.</p>	Ongoing
RECENT EVENTS and FINDINGS			
March 16, 2022	<i>Notulae Algarum</i> article	<p>WSLH Environmental Toxicologist Nina Desianti and Wisconsin DNR's Gina LaLiberte coauthored this article revising the taxonomic classification of a diatom species found in Wisconsin wetlands.</p> <p>Analysis of the type slide of <i>Stauroneis singula</i> J.R.Carter & Denny (Stauroneidaceae, Bacillariophyta) and a comparison with similar taxa <i>Notulae Algarum</i>, No. 232</p>	Complete

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		http://www.notulaealgarum.org/2022/documents/Notulae%20Algarum%20No.%20232.pdf	
April 8, 2022	<i>MMWR</i> article	<p>WSLH Communicable Disease Division Director Dr. Allen Bateman and Senior Data Scientist Dr. Kelsey Florek contributed to:</p> <p>SARS-CoV-2 Omicron Variant Infection in 10 Persons Within 90 Days of Previous SARS-CoV-2 Delta Variant Infection — Four States, October 2021–January 2022</p> <p><i>MMWR Morb Mortal Wkly Rep</i> 2022;71:524–526 DOI: 10.15585/mmwr.mm7114a2</p>	Complete
April 19, 2022	<i>Cell Reports</i> journal article	<p>WSLH Communicable Disease Division Director Dr. Allen Bateman and Senior Data Scientist Dr. Kelsey Florek contributed to:</p> <p>Efficacy of vaccination and previous infection against the Omicron BA.1 variant in Syrian hamsters</p> <p><i>Cell Reports</i>, Volume 39, Issue 3, 19 April 2022 https://doi.org/10.1016/j.celrep.2022.110688</p>	Complete
May 22, 2022	<i>American Journal of Industrial Medicine</i> article	<p>The WSLH’s WisCon Onsite Safety and Health Consultation team were acknowledged in a recent research article published in the <i>American Journal of Industrial Medicine</i>.</p> <p>According to WisCon Consultant Kelli Rush, the article authors integrated the expert judgement provided by the occupational health team at Wisconsin DHS, as</p>	Complete

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		<p>well as guidance provided by the WisCon COVID consulting team.</p> <p>Close physical proximity on the job—An exposure matrix <i>American Journal of Industrial Medicine</i>. https://doi.org/10.1002/ajim.23396</p>	
June 2022	EPA Radiological Exercise -- Water Laboratory Alliance	<p>The WSLH Radiochemistry unit participated in a full-scale emergency response exercise administered by the EPA. The scenario involved a truck crashing and dumping a radioactive thermoelectric generator carrying radioactive strontium into one of the reservoirs operated by the Massachusetts Water Resources Authority. Sean Scott and Michael Populin were responsible for receiving and analyzing samples that contained radioactive strontium contamination, and Na Zhang served as the evaluator.</p> <p>According to Sean, this was the first full scale radiological exercise by the EPA's Water Laboratory Alliance and they asked for volunteers. The WSLH and the Virginia Division of Consolidated Laboratory Services were the two participating labs.</p>	Complete
June 20, 2022	<i>AWWA Water Science</i> article	<p>Comparison of radium analytical methods for municipal drinking water well operation <i>AWWA Water Science</i>. 20 June 2022 https://doi.org/10.1002/aws2.1291</p> <p>Madeleine Mathews, Sean R. Scott, Randall J. Hunt, Matthew Ginder-Vogel</p> <p>This journal article is one of several published as part of an ongoing research collaboration between the scientists in the WSLH Trace Elements Clean Lab and UW-Madison Civil and Environmental Engineering</p>	Complete

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		<p>Professor Matthew Ginder-Vogel looking at radium in groundwater.</p> <p>Per TECL scientist and article co-author Sean Scott, this paper "... focused on the analytical methodology, specifically a new method we are using in the clean lab that is more precise than the traditional radiochemical methods. We demonstrate that this higher precision method would reduce uncertainty in the decision making process for water utilities that are coping with radium contamination. To treat, or not to treat?"</p>	
June 23, 2022	<i>Clinical Infectious Diseases</i> article	<p>WSLH Communicable Disease Division Director Dr. Allen Bateman and Senior Data Scientist Dr. Kelsey Florek contributed to:</p> <p>SARS-CoV-2 co-detection with influenza A and other respiratory viruses among school-aged children and their household members- March 12, 2020, to February 22, 2022, Dane County, Wisconsin</p> <p><i>Clinical Infectious Diseases</i>. 23 June 2022. https://doi.org/10.1093/cid/ciac487</p> <p>Jonathan L Temte, MD/PhD, Shari Barlow, BA, Emily Temte, BA, Maureen Goss, MPH, Allen Bateman, MPH/PhD, Kelsey Florek, PhD, Amra Uzicanin, MD/MPH</p>	Complete
June 27, 2022	Wisconsin Virology Network annual meeting	<p>The WSLH Communicable Disease Division hosted an in-person meeting for the Wisconsin Virology Network for the first time since the COVID-19 pandemic. Virology team lead Erika Hanson organized and led the meeting, which was attended by approximately 50 people at the Fluno Center on the UW-Madison campus.</p>	Complete

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<p>June 29, 2022</p>	<p><i>Journal of Analytical Toxicology</i> article</p>	<p>Suitability of SoToxa® Oral Fluid Screening Over Time: Re-examination of Drugged Driving in Wisconsin</p> <p><i>Journal of Analytical Toxicology</i>. 29 June 2022, bkac047, https://doi.org/10.1093/jat/bkac047</p> <p>Theodore Savage, Therese Sanders, Ryan Pieters, Amy Miles, Heather Barkholtz</p> <p>From the article abstract: Drug impaired driver detection is a critical element of traffic safety. However, shifting drug use patterns over time and geography may limit long-term reliability of assay-based screening tools. In this work, we compare qualitative results from the Abbott SoToxa® oral fluid (OF) screening device to Quantisal™ OF and whole blood. Our objective was to examine these three qualitative toxicological approaches, scope applicability of OF collection at the roadside, and compare to a previous analysis of SoToxa® in Wisconsin.</p>	<p>Complete</p>
<p>July 13, 2022</p>	<p>WSLH Quality and Safety Awards</p>	<p>The WSLH honored 34 staffers for their initiative in improving quality or safety during the inaugural WSLH Quality and Safety (QAS) Awards ceremony.</p> <p>The Quality Assurance Committee developed the QAS award with support from the Engagement and Awards Committees. It will be given out twice a year to recognize any WSLH staffer whose efforts help improve quality and safety. This could include improvements in testing, shipping, billing, hiring, customer service, reporting, etc.</p> <p>July 2022 WSLH Quality and Safety Award Winners</p> <p>Abby Carr – National Atmospheric Deposition Program (NADP)</p>	<p>Complete</p>

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		Amy Mager – NADP Anita Peterson – NADP Cameron Ritonia – NADP Charlotte Rodgers – Newborn Screening Chris Bauknecht – NADP Colin Kelly – NADP Dana Steele – Environmental Health Division (EHD) Danielle Olson – Newborn Screening Derek Popp – Wisconsin Occupational Health Lab (WOHL) DeVante Nelson – EHD Dexter Balchen – Newborn Screening Endeavor (Dev) Achten – Administration/Facilities Erik Midelfort – Newborn Screening Hannah Gander – Communicable Disease Division (CDD) Hannah Pilch – EHD Jiatong Tang - NADP Jocelyn Hemming – EHD Kaitlyn King – EHD Kat McKinnon – NADP Kim Oxendine – Cytogenetics Kristin Campbell – Newborn Screening Kyle Burke – EHD Laura Gower – Administration/Facilities Marty Collins – EHD Marty Metoxen – EHD Michelle Berry – Newborn Screening Mike Mamerow – CDD	
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		<p>Nick Levitt – EHD</p> <p>Paige Mullen – EHD</p> <p>Royce Riessen – EHD</p> <p>Shannon Johnson-Windsor – EHD</p> <p>Sue Hill – EHD</p> <p>Tom Pokrandt – Administration/Facilities</p>	
July 2022	Assorted news articles featuring WSLH	<p>Public Health Madison-Dane County - Can Wastewater Data Predict Future COVID Surges? https://www.publichealthmdc.com/blog/can-wastewater-data-predict-future-covid-surges</p> <p><i>Times of India</i> - Dizziness indoors? Blame it on plastic pollution https://timesofindia.indiatimes.com/city/ahmedabad/dizziness-indoors-blame-it-on-plasticpollution/articleshow/92943001.cms</p> <p>University of Wisconsin Water Resources Institute – New Testing Process Helps Water Managers More Precisely Know Radium Levels in Drinking Water https://www.wri.wisc.edu/news/new-testing-process-helps-water-managers-more-preciselyknow-radium-levels-in-drinking-water/</p>	Complete
July 15, 2022	MMWR article	<p>WSLH Communicable Disease Division Associate Director Dr. Alana Sterkel contributed to this report on the importance of the Laboratory Response Network in the response to the monkeypox outbreak.</p> <p>Rapid Diagnostic Testing for Response to the Monkeypox Outbreak — Laboratory Response Network, United States, May 17–June 30, 2022 <i>MMWR Morbidity and Mortality Weekly Report</i></p>	Complete

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		<p>(MMWR) 2022; 71: 904-907. DOI: http://dx.doi.org/10.15585/mmwr.mm7128e1</p>	
<p>July 20, 2022</p>	<p>SMPH ICTR Award</p>	<p>Dr. Heather Barkholtz, an assistant professor in the UW School of Pharmacy's Pharmaceutical Sciences Division who works with the WSLH Forensic Toxicology section, along with co-collaborators at the WSLH and in the UW School of Pharmacy, School of Medicine and Public Health and College of Engineering received a UW Institute for Clinical and Translational Research (ICTR) pilot award to look at the impact of cannabis isolates on driving.</p> <p>High Confusion: Evaluating Effects of Popular Cannabis Isolates on Driving Performance <i>Heather Barkholtz, PhD; Paul Hutson, PharmD, MS, UW School of Pharmacy</i></p> <p><i>Collaborators: Margaret Nolan, UW SMPH; Amy Miles, State Laboratory of Hygiene; Kelvin Santiago-Chaparro, UW College of Engineering</i></p> <p>Cannabis consumption is associated with increased motor vehicle crash risk. Nonetheless, methodological and cannabis product heterogeneity across clinical research has complicated interpretation of which specific cannabinoid(s) cause impairment. Additionally, cannabis dosing and driving impairment studies have yet to adopt standardized dosing units or data harmonization efforts that enable collection of comparable data across studies.</p> <p>This project aims to (1) evaluate the feasibility and acceptability of administering Δ9-THC isolates using standardized cannabis dosing units to quantify Δ9-THC pharmacokinetics; and (2) evaluate the feasibility and acceptability of adopting standardized impairment detection methods and driving performance definitions and measures on quantifying Δ9-THC driving impairment compared to CBD isolates</p>	<p>Ongoing</p>

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		<p>and a placebo. At the completion of this project, we will have established mechanisms to recruit a diverse participant pool, identified barriers to participation and reasons for withdrawal from the study, and determined the feasibility of generating translatable data through simultaneous adoption of several data harmonization efforts.</p> <p>Our goal is to establish an independently-funded cannabis pharmacology laboratory whose aim is to understand and quantify the impacts of intra- and inter-personal variability on cannabis impairment, the occurrence and severity of adverse events, and therapeutic applications.</p>	
July 28, 2022	UW Cytotechnology Certificate Program Graduation	<p>There was <i>Pomp and Circumstance</i> playing through the speakers, and friends and family taking photos as the 2022 UW Cytotechnology Certificate Program class graduated on July 28th at a ceremony held at the Memorial Union.</p> <p>The graduates were gifted with their own “white coats” just like nursing and medical school graduates. Now that they have completed the 1-year certificate program, they will sit for the American Society of Clinical Pathology (ASCP) board exams and upon passing the exam, begin work as cytotechnologists.</p> <p>The 2022 graduates are: Allison Carter, Morgan Deuster, Tyler Hagen, Hannah Kotz, Taylor Meyer, Hana Sleiman, Ellen Trombla and Weiying Yue.</p>	Complete
August 2022	APHL-CDC Fellows	<p>The WSLH is hosting several Association of Public Health Laboratory-Centers for Disease Control and Prevention Fellows over the next one to two years -</p> <p>Dr. Matt Martin – Laboratory Leadership Service Fellow</p>	Ongoing

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		<p>Vanessa De La Torre – Antimicrobial Resistance Laboratory Network</p> <p>Dr. Kevin Tsai – Infectious Diseases</p> <p>Christabel Yeboah – Quality Management Fellow</p> <p>Lexi Duncan – Environmental Health</p>	
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