

SALT LAKE CITY MOSQUITO ABATEMENT DISTRICT

Executive Director's Report

December 2025

1. Personnel:

| Personnel | |
|-----------|----------|
| Staff | Seasonal |
| 12 | 4 |

| Type of Work | 2025 | 3 - Year Average |
|-------------------------|-----------------|------------------|
| Adulticiding | 0.00 | 0.00 |
| Wetlands / Rural | 0.00 | 1.50 |
| Fish Culture | 82.75 | 43.42 |
| Catch Basins / Gutters | 0.00 | 0.00 |
| Tree Holes | 0.00 | 0.00 |
| Prison | 0.00 | 6.50 |
| Service Request | 0.00 | 0.00 |
| Traps | 0.00 | 22.58 |
| Laboratory | 206.50 | 214.25 |
| Office / Administration | 771.00 | 891.25 |
| Equipment Maintenance | 226.00 | 236.17 |
| Facility Maintenance | 188.50 | 180.67 |
| Training | 12.00 | 19.75 |
| Education | 149.75 | 42.08 |
| Unmanned Aerial System | 0.00 | 10.83 |
| CSU Grant | 6.00 | 62.00 |
| Aerial Operations | 73.50 | 0.00 |
| Other / Errands | 31.25 | 70.08 |
| Comp. Time Used | 157.50 | 132.25 |
| Vacation | 129.75 | 124.83 |
| Additional Hours | 0 | 0.00 |
| Holidays | 276.00 | 122.67 |
| Sick Leave | 41.50 | 55.67 |
| Total | 2,352.00 | 2,236.50 |

2. Office/Lab/Shop Activities:

Ary Faraji, Executive Director

- Executive Director Faraji met with Curtis Tonks from the Utah Local Government's Trust regarding safety incentive programs on 1 December 2025.
- Executive Director Faraji and staff met with Dr. Luis Chaves (Indiana University), Dr. Ezequiel Zamora Ledezma (Universidad Tecnica de Manabi, Ecuador), and Dr. Camilo Zamora-Ledezma (Universidad Alfonso X el Sabio, Spain) regarding collaborative projects on 2 December 2025.
- Executive Director Faraji attended a bi-weekly meeting of the Rockies and High Plains Vector-Borne Disease Center on 2 December 2025.
- Executive Director Faraji and staff attended a weekly meeting of the Owner/Architect/Contractor on 3 December 2025.
- Executive Director Faraji and staff met with CCG (furniture/fixtures/equipment) on 3 December 2025.
- Executive Director Faraji met with Dr. Norah Saarman regarding co-sponsorship of a student on 4 December 2025.
- Executive Director Faraji attended a presented at a 3i (Immunology, Inflammation, & Infectious Disease Initiative) at the University of Utah regarding collaborative projects on 8 December 2025.
- Executive Director Faraji attended the monthly manager's meetings of the Utah Mosquito Abatement Association on 10 December 2025.
- Executive Director Faraji and staff attended a weekly meeting of the Owner/Architect/Contractor on 10 December 2025.
- Executive Director Faraji and Owners Representative Rob Czubak met with Eckman Construction (Cooper Eckman) regarding the current status of the construction project on 11 December 2025.
- Executive Director Faraji attended a committee meeting for master's student Melissa Clawon (Texas Tech University) on 11 December 2025.
- Executive Director Faraji, Assistant Director White, Trustee Turner, and Trustee Vickers attended the quarterly meeting of the Davis-Salt Lake Aerial Spray Authority on 11 December 2025.
- Executive Director Faraji met with Dr. Brian Foy (Colorado State University) and Dr. Jason Richardson (IVCC) to discuss collaborative projects on 16 December 2025.
- Executive Director Faraji met with Dr. Larry Reeves (University of Florida) regarding mosquito bloodmeal collections and a gorilla zoonotic survey on 16 December 2025.
- Members of staff attended an annual holiday luncheon with current and past trustees of the District on 16 December 2025.
- Executive Director Faraji and staff attended a weekly meeting of the Owner/Architect/Contractor on 17 December 2025.
- Executive Director Faraji met with Salt Lake City Architect Sean Fyfe to provide a tour of the facility on 18 December 2025.
- Executive Director Faraji met with Jason Cryan (Executive Director of the University of Utah Natural History Museum) on 19 December 2025.

Aleta Fairbanks, CFO

- 15 December 2025 – Attended seminar to obtain hours towards required 40 annual hours of continuing education for CPA license.
- 17 December 2025 – Attended webinar from Office of Data Privacy.

Greg White, Assistant Director

Weekly Construction Meetings plus other construction meetings
Review Treehold data from Amy Jamison's project – 12/1
Zoom call with Katie Graybeal about Masters Qualification - 12/8
DSLASA Meeting/Public Hearing – 12/11
Review Wingbeats article for Rebecca Kading and RaHP Vec – 12/22

3i Vector-Borne Diseases Meeting at U of U – 12/8
Meet with Autoclave vendors 12/16

Chris Bibbs, Laboratory Director

| | |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dec 1 | SRI student follow-ups; recommendation later for Nadia (Greding) Leithead |
| Dec 2 | Hydrogel/nanoparticle project meeting; project meetings w/ Amy; shipping Kothera samples, McGregor samples, and equipment for Carroll-Lloye |
| Dec 3 | Budget decisions for winter staffing and trucks; data compilation/analysis for rbcLa and anthrone results |
| Dec 4 | Heartworm surveillance paper edits (w/ Nate); project/program planning w/ Amy Jamison for grad school |
| Dec 5 | YEEO performance review meeting and writeup; SRI final attendance and exits for 2025 (Sydney Farris, Kaden Bergher, Clara Morris) |
| Dec 9 | Data review/interpretation w/ Norah Saarman on larvicide dose response; Amy Jamison PhD program rec letter; internship conclusion and debrief/exits w/ Avery Derr |
| Dec 10 | Compiling Capgel data for IVCC presentation to WHO; SRI student assistantship process (Sydney Farris); literature review and intro draft for methoprene testing manuscript |
| Dec 11 | SRI teaching assistantship meeting; methods draft for methoprene testing manuscript; intergenic sequencing data review (w/ Nate) |
| Dec 12 | Finishing methods draft for methoprene testing manuscript; Avery Derr last day; |
| Dec 15 | Plant DNA project meeting w/ Nadia (Greding) Leithead; manuscript review for J Med Ent |
| Dec 16 | Methoprene data analysis; Project meeting w/ Ivy Hurwitz on enzyme age-grading bioassays; SRI and winter seasonal staff scheduling |
| Dec 17 | Insectary winter scheduling (w/ Thomas); project collab planning for Ivy Hurqitz & Brad Willenberg; methoprene data analysis |
| Dec 18 | Finished draft of methoprene manuscript; billing queries w/ CLS; Capgel feeding preference manuscript final drafting (Willenberg collab) |
| Dec 26 | Jarom Brandow engineering program rec letter; travel booking for Wyoming Weed and Pest meeting; membership renewals for Entomological Society and American Chemical Society; Capgel feeding preference manuscript final drafting (Willenberg collab) |
| Dec 29 | Construction walkthrough; SRI student scheduling; reviewing ogels/nanoparticles review outline for Luis Chavez collaborators |
| Dec 30 | Lit review for avian bloodmeal analysis and molecular sex determination; IVCC external scientific advisory committee applications |

Michele Rehbein, Education Specialist

- Dr. Rehbein attended the Utah Local Governments Trust Legal Brief series webinar about Negotiations, Settlements, and Severance Agreements with Taylor Kordsiemon for the Trust Integrity Promise program on 2 December.

- Dr. Rehbein completed and submitted the Discovery Questionnaire for Third Sun for the website redesign on 12 December.
 - Dr. Rehbein submitted necessary documents for the Trust Integrity Program for the Utah Local Governments Trust on 15 December.
 - Dr. Rehbein began to make additional edits to the dragonfly manuscript on 16 December.
 - Dr. Rehbein completed the online training for the American Red Cross CPR and first aid class on 23 and 24 December.
 - Dr. Rehbein started working on an RFA for Senator Escamilla's office for 2026 for the USCF fish rearing project on 29 December.
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- Dr. Rehbein went to the Hartland Partnership Center for the third week of several for a weekly education programming with students on 3 December.
 - Dr. Rehbein met with Jonny Gonzalez and Cenezhana Rokhaneevna from STEM CAP to do a presentation review and an orientation for the Mill Creek Youth Detention Center for next week on 4 December.
 - Dr. Rehbein attended the 3i Vector-borne Disease Networking Event at the University of Utah with Dr. Faraji, Dr. Byers, and Dr. White on 8 December.
 - Dr. Rehbein met with Jonny Gonzalez and Nayra Green from STEM CAP on 9 December.
 - Dr. Rehbein conducted a guest lecture at the Mill Creek Youth Center on 9 December for the STEM CAP program.
 - Dr. Rehbein met with Dr. Tim Burton from RaHP VEC to discuss social media on 10 December.
 - Dr. Rehbein attended the UMAA Board of Directors' meeting on 10 December.
 - Dr. Rehbein met with Third Sun, Dr. Faraji, Andrew Dewsnap, and Amanda Barth on 10 December.
 - Dr. Rehbein went to the Hartland Partnership Center for another education program with students on 10 December.
 - Dr. Rehbein and Brad Sorensen participated in the Taylorsville Elementary STEM Night on 11 December.
 - Dr. Rehbein, Dr. Byers, Dr. White, and Dr. Faraji met with Maria Meshkat, a University of Utah student, on 17 December asking for assistance on a West Nile virus film documentary project.
 - Dr. Rehbein went to the Hartland Partnership Center for the last weekly education program of the semester on 17 December.

Nate Byers, Molecular Biologist

Resubmitted *D. immitis* paper

Shipped *Culicoides* to Bethany McGregor (USDA)

Shipped *Cx. erythrothorax* to Linda Kothera (CDC)

Passed pesticide applicator's license tests – general, public health and demonstration sections

Sent out RaHPVEC aerial trial data to collaborators

Met with Luiz Chavez, Ezequiel Zamora-Ledezma, Camilo Zamora-Ledezma, Ary, Greg, and Chris about alternative means of delivering pesticides – 2 Dec.

Met with Louisa Messenger (UNLV) and Amy Jamison about eDNA project – 5 Dec.

Attended 3i Vector-Borne Diseases Networking Event at U. of Utah – 8 Dec.

Met with and provided tour for Maria Meshkati Shahmirzadi (U. of Utah film student) – 17 and 19 Dec.

Showed Consolidated salesmen the autoclave alcove – 16 Dec.

Brad Sorensen, Aerial Operations Supervisor

Worked with Brad Correa to get started on Airbus warranty work for the helicopter
Got Brad Correa set up with accounts for maintenance tracking websites
Brought on Brad Correa part time for maintenance work
Checked on Aircraft at Ogden Airport
Started purchasing items for aerial operations
Continued to attend OAC Meetings and stay on top of construction
Steel for hangar is on site and foundation issues are worked out.

12/3 – OAC Meeting
12/10 – OAC Meeting
12/11 – Taylorsville Elementary STEM Night with Michele
12/16 – Winter Holiday Luncheon
12/17 – OAC Meeting

Quinten Salt, Urban Field Supervisor

General fish room maintenance (up feeding schedule)
Organize fish room cabinets and spare parts 12/15

Jason Hardman, Rural Field Supervisor

Winter clean up and equipment maintenance

3. Weather:

December's weather was warmer (by 11.5°) and drier (by .56") than normal.

Temperature:

| | Monthly Avg. | Normal | High | Low |
|----------|--------------|--------|------|------|
| November | 48.4° | 41.7° | 73° | 28 ° |
| December | 43.7° | 32.2° | 67° | 22 ° |

<https://www.weather.gov/wrh/Climate?wfo=slc>

Precipitation:

| | Total for Month | Normal | Most in 24 hours | | |
|----------|-----------------|--------|------------------|----|------------------|
| November | 0.61" | 1.32" | 0.24" | on | 30 th |
| December | 0.84" | 1.40" | 0.37" | on | 27 th |

<https://www.weather.gov/wrh/Climate?wfo=slc>

Great Salt Lake (elevation in feet above sea level):

| | Nov 1 | Dec 1 | Jan 1 |
|-------------|---------|---------|---------|
| 2024 & 2025 | 4,192.2 | 4,192.2 | 4,192.5 |
| 2025 & 2026 | 4,191.2 | 4,191.3 | 4,191.4 |

Subject: RE: (EXTERNAL) Check in and Board Members
From: "Kimmel, Austin" <Austin.Kimmel@slc.gov>
Sent: 1/6/2026 4:35:16 PM
To: "Ary Faraji" <ary@slcmad.org>
CC: "ccAnalysts" <ccAnalysts@slc.gov>; "Weaver, Lehua" <Lehua.Weaver@slc.gov>

Hello again, Ary,

A quick update to let you know Amanda Barth has let us know she's also interested in serving a second term. We will add her reappointment to the January 13 agenda with Dr. Mooers.

Thank you,
Austin



AUSTIN KIMMEL
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From: Kimmel, Austin <Austin.Kimmel@slc.gov>
Sent: Tuesday, December 30, 2025 11:10 AM
To: Weaver, Lehua <Lehua.Weaver@slc.gov>; Ary Faraji <ary@slcmad.org>
Cc: ccAnalysts <ccAnalysts@slc.gov>
Subject: RE: (EXTERNAL) Check in and Board Members

Good morning, Ary,

I am writing to let you know that Council Members are comfortable reappointing Dr. Shireen Mooers and Amanda Barth to second terms on the Board. I have contacted both board members to ask if they are interested in serving a second term, and Dr. Mooers has confirmed she would like to. Our plan is to place her reappointment on the Council's January 13 agenda.

I am waiting to hear back from Amanda about her interest and will keep you updated as soon as we receive her response.

Thank you, and please let me know if you have any questions.
Austin



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From: Kimmel, Austin <Austin.Kimmel@slc.gov>
Sent: Tuesday, December 16, 2025 2:06 PM

To: Weaver, Lehua <Lehua.Weaver@slc.gov>; Ary Faraji <ary@slcmad.org>
Cc: Kimmel, Austin <Austin.Kimmel@slc.gov>
Subject: RE: (EXTERNAL) Check in and Board Members

Hello Ary,

Thank you for your email and for bringing this to our attention. I've notified the Council and requested feedback by next week on the reappointment of the two board members.

If Council Members are comfortable reappointing the two members, I will contact Dr. Mooers and Ms. Barth to ask about their interest in serving a second four-year term. Then we can place their reappointments for consideration at a January Council meeting.

If either member is not interested in serving another term, we will create a public application process and proceed accordingly.

I will keep you updated throughout this process.

Thank you again,
Austin



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From: Weaver, Lehua <Lehua.Weaver@slc.gov>
Sent: Tuesday, December 16, 2025 12:19 PM
To: Ary Faraji <ary@slcmad.org>
Cc: Kimmel, Austin <Austin.Kimmel@slc.gov>
Subject: RE: (EXTERNAL) Check in and Board Members

Hi Ary,
Thank you so much for the reminder! Austin and I just talked about this and will follow-up. We'll keep you posted on next steps / timeline.

Thank you,
Lehua

From: Ary Faraji <ary@slcmad.org>
Sent: Monday, December 15, 2025 2:44 PM
To: Weaver, Lehua <Lehua.Weaver@slc.gov>
Cc: Kimmel, Austin <Austin.Kimmel@slc.gov>
Subject: (EXTERNAL) Check in and Board Members

Caution: This is an external email. Please be cautious when clicking links or opening attachments.

Hi Lehua,

Hope all is well and you guys are healthy and happy.

Just a gentle reminder that two of our Board Members (Dr. Shireen Mooers and Amanda Barth) will be completing their first 4-year term at the end of this month.

The Council has traditionally allowed our Board Members to serve two consecutive 4-year terms, but this should be officially appointed by you guys. Just a reminder that the State Code does not have term limits for mosquito abatement board members, but the Council has their own policy on this (which I fully agree with, as it is good to have rotation).

I attached the board list for 2026 just in case.

Let me know how I can help or if you need anything more from me.

I cc'd Austin as well since he's been our liaison in recent months.

Thank you,

Ary Faraji, PhD, MS, BCE
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Google Scholar: <https://scholar.google.com/citations?user=3H4b4J0AAAAJ>
Research Gate: <https://www.researchgate.net/profile/Ary-Faraji>