

**BOARD OF TRUSTEES
CHURCHILL COUNTY, NEVADA
7400 Reno Highway
Fallon, Nevada 89406
(775) 423 – 2828
Fax: (775) 428 – 2829
E-mail: servicerequest@ccmosquito.org
Website: ccmosquito.org**

*****NOTICE OF PUBLIC MEETING*****

Please Post

PLACE OF MEETING: Churchill County Administration Complex, Room 102
155 North Taylor, Fallon, Nevada
DATE: Thursday the 1st day of June 2023
TIME: 5:30 P.M.
TYPE OF MEETING: Aerial Applicator Contracts Approval

Notes:

1. This meeting is subject to all provisions of Nevada Open Meeting Law (NRS Chapter 241). Except as otherwise provided for by law, this meeting is open and public.
2. Action will be taken on all agenda items unless otherwise noted.
3. The agenda is a tentative schedule. The Churchill County Mosquito, Vector, and Noxious Weed Abatement District Board of Trustees may act upon the people's business in the most efficient manner possible.
4. In the interest of time, the Churchill County Mosquito, Vector, and Noxious Weed Abatement District Board of Trustees reserves the right to impose uniform time limits upon matters devoted to public comment.
5. Any statement made by a member of the Churchill County Mosquito, Vector, and Noxious Weed Abatement District Board of Trustee during the public meeting is absolutely privileged.

Agenda:

1. Call to Order.
2. Pledge of Allegiance.
3. Public Comment.
4. Review and Adoption of Agenda.
5. Discussion and Approval of Minutes from May 11,th, 2023.
Discussion and Approval of Minutes from May 18,th, 2023.

6. Certificate of Posting.

7. Correspondence.

1. Article regarding new mosquito species in Florida

8. Appointments.

9. Old Business.

10. New Business.

1. Discussion and possible action regarding the approval of an aerial contract with Morris Ag and Air. The hourly rate for this contract would be \$2,000.00 / hour.
2. Discussion and possible action regarding the approval of an aerial contract with Frey Spray / SB Aviation for \$1,700.00 per hour of aerial application work and ground transport costs of \$2.75 / mile in addition to the hourly rate.
3. Discussion and possible action regarding the approval of an aerial contract with VDCI, Inc. Their call out rate is \$7,500.00 with an additional fee of \$0.95/ acre. This would be the largest plane to be utilized for both larvicide and adulticide work.

11. District Manager's Report and Operations Review.

12. Board Members' Report.


13. Any Requests for Future Agenda Items.

14. Expenditures.

15. Public Comment.

16. Adjournment.

I, Nancy Upham, on behalf of the Churchill County Mosquito, Vector, and Noxious Weed Abatement District Board of Trustees, do hereby certify that I posted, or caused to be posted, a copy of this notice of public meeting, at approximately 9 AM on the 26th day of May 2023, at the following location:



2. *Churchill County Law Enforcement Facility, 73 N. Maine St. Fallon, Nevada*
3. *Churchill County Administrative Office Complex, 155 N. Taylor St. Fallon, Nevada*
4. *Churchill County Website @ <https://churchillecounty.org>*
5. *The State of Nevada Website @ <https://notice.nv.gov/>*

Disclosures:

- * Churchill County Mosquito, Vector, and Noxious Weed Abatement District is an equal opportunity provider and employer.
- * Any witness who is testifying before a public body is absolutely privileged to publish defamatory matters as a part of the public meeting, except that it is unlawful to misrepresent any fact when testifying.
- * The contact person for the information is District Manager, Nancy Upham at (775) 423-2828.

Accommodations:

Churchill County Mosquito, Vector, and Noxious Weed Abatement District will make all reasonable efforts to assist and accommodate physically handicapped persons desiring to attend. Persons who are disabled and require special assistance may contact the Churchill County Mosquito, Vector, and Noxious Weed Abatement District Board of Trustees in writing at 7400 Reno Highway, Fallon, Nevada 89406, or by calling (775) 423-2828.

Procedures:

- * The public meeting may be conducted according to the rules of parliamentary procedure.
- * Matters set upon the "consent agenda" may be discussed and considered as part of new business as necessary.
- * Persons providing public comment will be asked to state their name for the record.
- * Persons providing testimony during a public hearing will be sworn as witnesses.
- * The Churchill County Mosquito, Vector, and Noxious Weed Abatement District Board of Trustees reserves the right to restrict participation by persons in the public meeting where the conduct of such persons is willfully disruptive to the people's business.
- * Appointments need to be made to the District Manager at least four (4) working days before the meeting date.
- * If desired, the public is allowed to speak for a three-minutes maximum after each action item.
- * Items on the agenda may be taken out of order.
- * The public body may combine two or more agenda items for consideration.
- * The public body may remove an item from the agenda or delay discussion relating to an item on the agenda at any time.

Public Records:

- * An audio tape recording of this meeting will be made and preserved for a period of one (1) year.
- * Copies of supporting materials provided to the Churchill County Mosquito, Vector, and Noxious Weed Abatement District Board of Trustees are available upon request.

SPACECOAST + FLORIDA



Lawrence Reeves, an associate professor at University of Florida, uses a tool known as an aspirator to collect most specimens. PHOTOS PROVIDED BY LAWRENCE REEVES

A new mosquito in Fla. raises concerns

It's not yet known to what extent it might bite people

Jim Waymer

Florida Today
USA TODAY NETWORK - FLORIDA

Hey Floridians, especially those who enjoy the outdoors at dawn or dusk: meet *Culex lactator*.

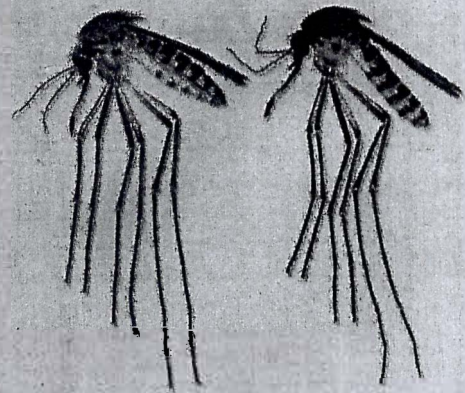
To you, this *Culex* may look like every other mosquito that has annoyed you over the years. But scientists say it's a species of insect native to Central and South America, though it appears to be making a new home in the Sunshine State.

It's not yet known to what extent it might bite us and/or whether it's as much a risk to our health and to wildlife.

"If it is a bird feeder, it has a greater chance spreading some of these viruses," said Lawrence Reeves, lead author of the study and an assistant professor and mosquito biologist at the UF/IFAS research center in Vero Beach.

"Introductions of new mosquito species like this are concerning because many of our greatest mosquito-related challenges are the result of nonnative mosquitoes, and in a case like this, it's difficult to anticipate what to expect when we know so little about a mosquito species."

Lawrence Reeves, lead author of the study and an assistant professor and mosquito biologist at the UF/IFAS research center in Vero Beach



Scientists aren't sure yet what impacts this new mosquito from Central and South America might have in Florida.

Birds can harbor diseases such as the West Nile virus that *Culex* could spread by feeding

See **NEW MOSQUITO**, Page 4A

DeSantis pushes back in fight over protest law

Jim Saunders

NEWS SERVICE OF FLORIDA

TALLAHASSEE — Attorneys for Gov. Ron DeSantis told the Florida Supreme Court late Monday that a controversial 2021 law about protests that turn violent would not apply to peaceful demonstrators, disputing that the law is unconstitutional.

A 25-page brief was the latest move in a long-running battle about a law that DeSantis championed after nationwide protests following the 2020

death of George Floyd, a Black man who was killed by a Minneapolis police officer. Dubbed the "Combating Public Disorder" law, the measure included a series of steps aimed at cracking down on people who participate in riots or a "violent public disturbance."

Chief U.S. District Judge Mark Walker in 2021 issued a preliminary injunction against the law, describing it as unconstitutionally "vague and overbroad." The state appealed, but the 11th U.S. Circuit Court of Appeals in January requested help from the Florida Supreme

Court with what it called a "novel" issue — how to determine the meaning of word "riot" in the law.

In Monday's brief, attorneys for DeSantis argued that, "to violate the statute, a defendant must be active in violence."

"Nonviolent protest activity never violate the statute, regardless the behavior of others present," said the brief, filed by lawyers in Attorney General Ashley Moody's office and DeSantis' office.

See **PROTEST LAW**, Page 5A

1st at the UF/IFAS

New mosquito

Continued from Page 3A

off both birds and humans.

Under the microscope, Reeves knows a *Culex lactator* when he sees it: "It just looks, like weird. It's like a face you don't quite recognize."

But Reeves and his team also used DNA analysis and other tools to not only discover they had found a new mosquito species in Florida, but to identify it for sure as the *Culex lactator*.

The mosquito is the latest to establish in Florida, according to a new study published in the *Journal of Medical Entomology* by faculty at the UF/IFAS Florida Medical Entomology Laboratory in Vero Beach. And the state better look out for other new insects on the way, researchers warn, as the winds blow more here from afar and the planet warms Florida more to their liking.

The new Florida mosquito belongs in Central America and northern South America. It's a member of the *Culex* family of mosquitoes, which spreads diseases such as West Nile and St. Louis encephalitis. But scientists don't know yet whether the new *Culex lactator* will contribute to the transmission of these viruses in Florida.

Researchers at University of Florida first found the new invasive mosquito in Florida in 2018 in Miami-Dade County while hunting for other nonnative mosquitoes. Since then, it's been thriving in Miami-Dade, Collier and Lee counties.

"It could be that these mosquitoes get blown in on air currents," Reeves said. Or like other skeeters, it might have hitched a ride on a passenger jet. "It also could be that the change in climate is making Florida a little more hospitable for mosquitoes."

Scientists may not know how *Culex* got here, but they assume this pest will ultimately reach almost everywhere in the state, except for maybe the northernmost temperate regions. Researchers also don't know yet the mosquitoes' potential to spread disease. But its presence here has scientists concerned because of the potential for them to transmit mosquito-borne diseases, such as West Nile virus.

"Unfortunately, I think the genie is out of the bottle in this case," Reeves said.

About 90 mosquito species live in Florida, Reeves

says, and the list is growing. There are more than 3,600 types of mosquitoes worldwide, any of them can wind up in Florida.

While they are among the most studied insects, due to their role in transmitting diseases, large knowledge gaps remain, Reeves said, especially for the diverse and understudied species from the tropical forests.

"Introductions of new mosquito species like this are concerning because many of our greatest mosquito-related challenges are the result of nonnative mosquitoes," he said in a prepared statement, "and in a case like this, it's difficult to anticipate what to expect when we know so little about a mosquito species."

Each mosquito-borne virus is transmitted by only certain mosquito species, Reeves added.

"We need to be vigilant for introductions of new mosquito species because each introduction comes with the possibility that the introduced species will facilitate the transmission of a mosquito-transmitted disease," he said.

Currently, *Culex lactator* is known to live in Collier County - south and west of Naples - Lee County, west of Fort Myers, and in the Homestead area of Miami-Dade County, though it may have also spread elsewhere in the state, said Reeves.

Reeves and his team stress it's important to monitor for *Culex lactator* as it is likely to spread within the state into areas that are environmentally suitable, given Florida's proximity to the tropics.

As many as 17 nonnative mosquito species have established in the state but new introductions are accelerating, with 11 of 17 nonnative species first reported in the past two decades, and six of these 17 detected in only the past five years, Reeves said.

"Climate change may improve the chances of tropical mosquito species becoming established once they make it to Florida if the state becomes warmer," Reeves added. "Increasing storm frequency and intensity could also blow in more mosquitoes and other species from the Caribbean, Central America and elsewhere."

And the state needs to keep a close eye on new arrivals, Reeves said, so officials can understand and nip any emerging health and/or ecological risks in the bud.

"We need to be really vigilant about new nonnative mosquitoes arriving in Florida," he said.

Jim Waymer is environment reporter at FLORIDA TODAY. Contact Waymer at 321-242-3663 or jwaymer@floridatoday.com. Twitter: @JWayEnviro Facebook: www.facebook.com/jim.waymer

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CHURCHILL COUNTY MOSQUITO, VECTOR AND NOXIOUS WEED ABATEMENT
DISTRICT

To: The Board of Trustees

From: Nancy Upham, District Manager
JD MacKay, Assistant Manager

Date: May 31, 2023

Re: Discussion and possible action regarding the approval of an aerial contract with Morris
Ag and Air. The hourly rate is \$2,000.00 per hour.

Attached is the contract submitted to the District by Morris Ag and Air. The hourly rate is more than normal however, we will need to have an aerial applicator to perform larvicides and this company has a large plane that can cover larger water areas.

Recommendation: Approval of this contract with Morris Ag and Air for \$2,000.00 per hour.

CHURCHILL COUNTY MOSQUITO, VECTOR AND NOXIOUS WEED ABATEMENT
DISTRICT

To: The Board of Trustees
From: Nancy Upham, District Manager
JD MacKay, Assistant Manager
Date: May 31, 2023
Re: Discussion and possible action regarding the approval of an aerial contract with Frey
Spray / SB Aviation for \$1,700.00 per hour for aerial application work and ground
assistance and transport costs of \$2.75 per mile in addition to the hourly aerial rate.

We do not have a contract submitted by Frey Spray Inc. / SB Aviation yet. We hope to receive one for the rates listed above. Those were verbally communicated to Management however SB Aviation is having some issues in getting certified at the State Department of Agriculture level. We will keep you all apprised of the situation and if we need, we can re-address this agenda item at the Board meeting next week.

Recommendation: Consideration and approval of this contract with Frey Spray / SB Aviation if it is available in the future.

CHURCHILL COUNTY MOSQUITO, VECTOR AND NOXIOUS WEED ABATEMENT
DISTRICT

To: The Board of Trustees
From: Nancy Upham, District Manager
JD MacKay, Assistant Manager
Date: May 31, 2023
Re: Discussion and possible action regarding the approval of an aerial contract with VDCI (Vector Control Disease International) Inc. Their call out rate is \$7,500.00 with an additional fee of \$0.95 per acre. This would be the largest plane to be utilized for both larvicide and adulticide work.

I have reached out to VDCI as they have not submitted a contract yet. They will be sending the contract in by tomorrow morning and we will bring it out to you with the minutes in the morning. Melania is still working on the minutes. The contract will reflect the rates listed above that were verbalized to me. This is an expensive contract but it will be necessary. I do not know where we stand with FEMA at this point but will keep the Board of Trustees up to date as I am able.

There is possible confusion over the 7,500 number. The “call out 7500” may imply minimum acreage. If that is the case, the fee per acre would then cover the ferrying time and costs. I will confirm that tomorrow and have the language for the action item correct at the meeting. Sorry about this inconvenience.

Recommendation: Approval of this contract with VDCI, Inc. Their call out rate is 7,500.00 with an additional fee of \$0.95 per acre. This is also with the District providing the pesticide.