

The Florida Senate  
**COMMITTEE MEETING EXPANDED AGENDA**

**AGRICULTURE**  
**Senator Collins, Chair**  
**Senator Boyd, Vice Chair**

**MEETING DATE:** Tuesday, November 14, 2023  
**TIME:** 1:45—3:45 p.m.  
**PLACE:** 301 Senate Building

**MEMBERS:** Senator Collins, Chair; Senator Boyd, Vice Chair; Senators Baxley, Berman, Rouson, and Simon

TAB	BILL NO. and INTRODUCER	BILL DESCRIPTION and SENATE COMMITTEE ACTIONS	COMMITTEE ACTION
1	Presentation on Aquaculture by Portia Sapp, Director, Florida Department of Agriculture and Consumer Services Division of Aquaculture		Presented
2	Panel on Hemp and CS/CS/SB 1676 from the 2023 Legislative Session		Presented
Other Related Meeting Documents			

# Florida Aquaculture



Florida Department of Agriculture and Consumer Services

# Florida's Aquaculture Industry

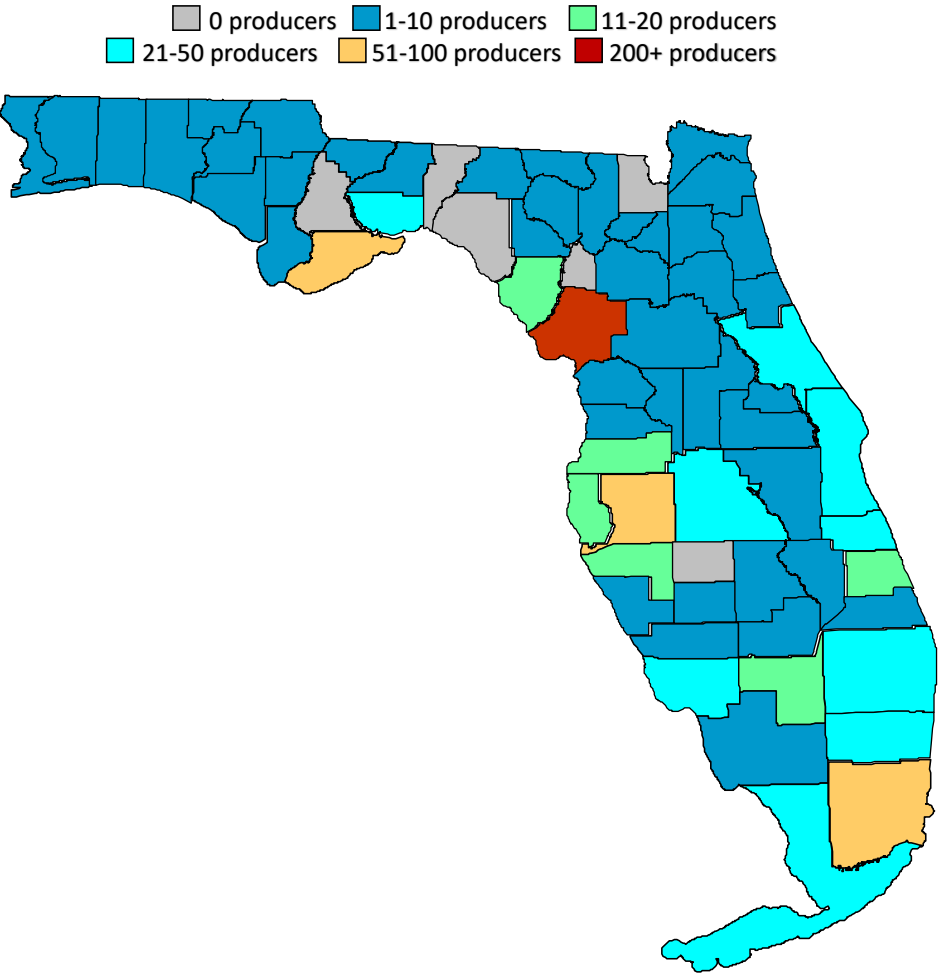
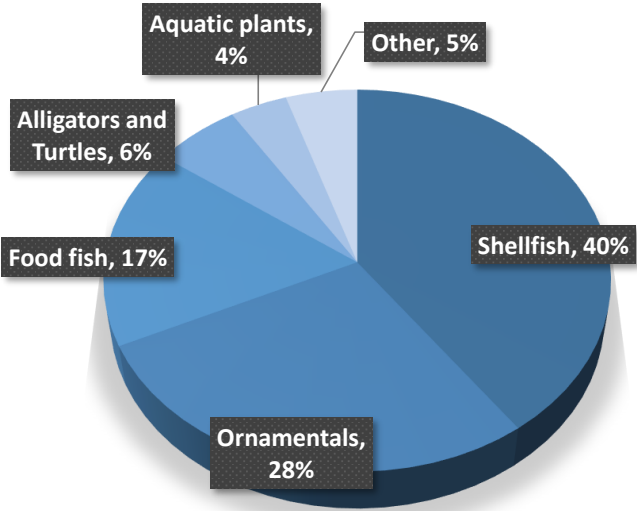


- ~1,000 Certified Aquaculture Producers
- ~1,500 species or varieties of fish, plants, mollusks, crustaceans and aquatic reptiles.
- Over 800 Aquaculture Submerged Land Leases covering close to 2,700 acres.
- Species raised for ornamental, food, bait markets as well as stocking, conservation, research and educational purposes
- Why Florida?
  - Warm climate ideal for tropical species.
  - Proximity to ports and shipping corridors.
  - Streamlined regulations.



Florida Department of Agriculture and Consumer Services

# Florida's Aquaculture Industry





Florida Aquaculture has  
the greatest product  
diversity in the nation!

- Ornamental Fish



Florida Department of Agriculture and Consumer Services

Florida Aquaculture has the greatest product diversity in the nation!

- Ornamental Fish
- Food Fish



Florida Department of Agriculture and Consumer Services



Florida Aquaculture has the greatest product diversity in the nation!

- Ornamental Fish
- Food Fish
- Shellfish

Florida Department of Agriculture and Consumer Services



Florida Aquaculture has the greatest product diversity in the nation!

- Ornamental Fish
- Food Fish
- Shellfish
- Aquatic Reptiles



Florida Department of Agriculture and Consumer Services





Florida Aquaculture has the greatest product diversity in the nation!

- Ornamental Fish
- Food Fish
- Shellfish
- Aquatic Reptiles
- Aquatic Plants

Florida Department of Agriculture and Consumer Services





Florida Department of Agriculture and Consumer Services



# Economic Impact

- Total Annual Sales: \$71.6 million farm-gate value\*
- 9<sup>th</sup> in United States for total aquaculture sales
  - 1<sup>st</sup> in Ornamentals, \$28.7 million\*
  - 2<sup>nd</sup> in Alligators, \$6.6 million\*
  - 4<sup>th</sup> in Shellfish, \$15.5 million\*
- A study conducted by UF/IFAS Tropical Aquaculture Lab in 2022, suggests gross underreporting of the actual sales value to the USDA Census of Aquaculture.
  - 50 FTFFA members responded in full to the survey
    - There are currently 281 ornamental AQ Certificate of Registration holders in the state.
  - **\$172 million in sales for 2021 and close to 1,100 employees!**



*\*USDA, National Agricultural Statistics Service (2018) Census of Aquaculture*

**Florida Department of Agriculture and Consumer Services**



# Environmental Benefits

- Supplementation of wild capture fisheries
    - Aquaculture has grown by a factor of 50 since 1990 to meet demand and now represents 52% of global fisheries production.
- 
- Coastal resilience, habitat restoration, ecosystem services and species conservation through:
    - Production of marine plants for coastal restoration and storm impact mitigation.
    - Use of shellfish aquaculture for stock enhancement, water quality improvement and nutrient fixation.
    - Stock enhancement of sport fish species.
    - Legal source of threatened and endangered species.



Florida Department of Agriculture and Consumer Services





# Florida Division of Aquaculture

- Chapter 597, F.S.: Florida Aquaculture Policy Act – “**Aquaculture is Agriculture**”
  - Enhance the growth of aquaculture while protecting Florida’s environment.



- Fostering aquaculture development; 597.003(1), F.S.
  - (g) ***Provide developmental assistance*** to the various sectors of the aquaculture industry as determined in the state aquaculture plan.
  - (h) ***Assist persons seeking to engage in aquaculture*** when applying for the necessary permits and serve as ombudsman to resolve complaints or otherwise resolve problems arising between aquaculture producers and regulatory agencies.
  - (i) Develop and propose to the Legislature legislation necessary to implement the state aquaculture plan or to otherwise ***encourage the development of aquaculture in this state.***



Florida Department of Agriculture and Consumer Services

# Barriers to Development

- Diverse research needs
- Recognition of aquaculture as agriculture
- Social perception and understanding of aquaculture
- Effective crop insurance
- Access to and cost of coastal property
- Funding and start-up investment
- Trained workforce



Florida Department of Agriculture and Consumer Services



# Hurricane Impacts

## Hurricane Ian (September 2022)

- ~550 impacted facilities
- \$8 million in estimated total losses
- Mostly upland ornamental fish farms (67%) and shellfish facilities (20%)

## Hurricane Idalia (August 2023)

- ~400 impacted facilities
- \$34 million in estimated total losses
- Mostly shellfish aquaculture facilities and leases (89%)

Clam Culture Cycle over 24-month time period imposed over Hurricane Season and H.Idalia on August 30, 2023																											
Year	2021			2022												2023											
Month	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep			
Seed Availability	Seed - Year 1												Seed - Year 2														
Nursery Culture	Nursery - Year 1 (3-6 months)														Nursery - Year 2 (3-6 months)												
Growout Culture	Growout - Year 1 (14-16 months)												Growout - Year 2 (14-16 months)														
Hurricane Season				Hurricane Season																							
Hurricane Idalia																											

Florida Department of Agriculture and Consumer Services







*Thank you!*  
*Portia.Sapp@FDACS.gov*



Florida Department of Agriculture and Consumer Services



The Florida Senate

APPEARANCE RECORD

Deliver both copies of this form to  
Senate professional staff conducting the meeting

Bill Number or Topic

Amendment Barcode (if applicable)

11/14/23  
Meeting Date  
Agriculture  
Committee

Name Portia Sapp Phone 617-7600

Address 600 S. Calhoun Street  
Street  
Tallahassee FL 32399  
City State Zip

Email Portia.sapp@fdacs.gov

Speaking: ☐ For ☐ Against ☐ Information **OR** Waive Speaking: ☐ In Support ☐ Against

PLEASE CHECK ONE OF THE FOLLOWING:

☒ I am appearing without compensation or sponsorship.

☐ I am a registered lobbyist, representing:

☐ I am not a lobbyist, but received something of value for my appearance (travel, meals, lodging, etc.), sponsored by:

While it is a tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this hearing. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard. If you have questions about registering to lobby please see Fla. Stat. §11.045 and Joint Rule 1. [2020-2022 Joint Rules.pdf \(flsenate.gov\)](#)

This form is part of the public record for this meeting.

S-001 (08/10/2021)

## 5 Things to Know about Delta-8 Tetrahydrocannabinol – Delta-8 THC



Español ([/consumers/articulos-para-el-consumidor-en-espanol/5-cosas-que-debe-saber-sobre-el-delta-8-tetrahydrocannabinol-delta-8-thc](https://www.fda.gov/consumers/articulos-para-el-consumidor-en-espanol/5-cosas-que-debe-saber-sobre-el-delta-8-tetrahydrocannabinol-delta-8-thc))

Delta-8 tetrahydrocannabinol, also known as delta-8 THC, is a psychoactive substance found in the *Cannabis sativa* plant, of which marijuana and hemp are two varieties. Delta-8 THC is one of over 100 cannabinoids produced naturally by the cannabis plant but is not found in significant amounts in the cannabis plant. As a result, concentrated amounts of delta-8 THC are typically manufactured from hemp-derived cannabidiol (CBD).

It is important for consumers to be aware that delta-8 THC products have not been evaluated or approved by the FDA for safe use in any context. They may be marketed in ways that put the public health at risk and should especially be kept out of reach of children and pets.

Here are 5 things you should know about delta-8 THC to keep you and those you care for safe from products that may pose serious health risks:

## **1. Delta-8 THC products have not been evaluated or approved by the FDA for safe use and may be marketed in ways that put the public health at risk.**

The FDA is aware of the growing concerns surrounding delta-8 THC products currently being sold online and in stores. These products have not been evaluated or approved by the FDA for safe use in any context. Some concerns include variability in product formulations and product labeling, other cannabinoid and terpene content, and variable delta-8 THC concentrations. Additionally, some of these products may be labeled simply as “hemp products,” which may mislead consumers who associate “hemp” with “non-psychoactive.” Furthermore, the FDA is concerned by the proliferation of products that contain delta-8 THC and are marketed for therapeutic or medical uses, although they have not been approved by the FDA. Selling unapproved products with unsubstantiated therapeutic claims is not only a violation of federal law, but also can put consumers at risk, as these products have not been proven to be safe or effective. This deceptive marketing of unproven treatments raises significant public health concerns because patients and other consumers may use them instead of approved therapies to treat serious and even fatal diseases.

## **2. The FDA has received adverse event reports involving delta-8 THC-containing products.**

The FDA received 104 reports of adverse events in patients who consumed delta-8 THC products between December 1, 2020, and February 28, 2022. Of these 104 adverse event reports:

- 77% involved adults, 8% involved pediatric patients less than 18 years of age, and 15% did not report age.
- 55% required intervention (e.g., evaluation by emergency medical services) or hospital admission.
- 66% described adverse events after ingestion of delta-8 THC-containing food products (e.g., brownies, gummies).
- Adverse events included, but were not limited to: hallucinations, vomiting, tremor, anxiety, dizziness, confusion, and loss of consciousness.

National poison control centers received 2,362 exposure cases of delta-8 THC products between January 1, 2021 (i.e., date that delta-8 THC product code was added to database), and February 28, 2022. Of the 2,362 exposure cases:

- 58% involved adults, 41% involved pediatric patients less than 18 years of age, and 1% did not report age.

- 40% involved unintentional exposure to delta-8 THC and 82% of these unintentional exposures affected pediatric patients.
- 70% required health care facility evaluation, of which 8% resulted in admission to a critical care unit; 45% of patients requiring health care facility evaluation were pediatric patients.
- One pediatric case was coded with a medical outcome of *death*.

### **3. Delta-8 THC has psychoactive and intoxicating effects.**

Delta-8 THC has psychoactive and intoxicating effects, similar to delta-9 THC (i.e., the component responsible for the “high” people may experience from using cannabis). The FDA is aware of media reports of delta-8 THC products getting consumers “high.” The FDA is also concerned that delta-8 THC products likely expose consumers to much higher levels of the substance than are naturally occurring in hemp cannabis raw extracts. Thus, historical use of cannabis cannot be relied upon in establishing a level of safety for these products in humans.

### **4. Delta-8 THC products often involve use of potentially harmful chemicals to create the concentrations of delta-8 THC claimed in the marketplace.**

The natural amount of delta-8 THC in hemp is very low, and additional chemicals are needed to convert other cannabinoids in hemp, like CBD, into delta-8 THC (i.e., synthetic conversion). Concerns with this process include:

- Some manufacturers may use potentially unsafe household chemicals to make delta-8 THC through this chemical synthesis process. Additional chemicals may be used to change the color of the final product. The final delta-8 THC product may have potentially harmful by-products (contaminants) due to the chemicals used in the process, and there is uncertainty with respect to other potential contaminants that may be present or produced depending on the composition of the starting raw material. If consumed or inhaled, these chemicals, including some used to make (synthesize) delta-8 THC and the by-products created during synthesis, can be harmful.
- Manufacturing of delta-8 THC products may occur in uncontrolled or unsanitary settings, which may lead to the presence of unsafe contaminants or other potentially harmful substances.



## 5. Delta-8 THC products should be kept out of the reach of children and pets.

Manufacturers are packaging and labeling these products in ways that may appeal to children (gummies, chocolates, cookies, candies, etc.). These products may be purchased online, as well as at a variety of retailers, including convenience stores and gas stations, where there may not be age limits on who can purchase these products. As discussed above, there have been numerous poison control center alerts involving pediatric patients who were exposed to delta-8 THC-containing products. Additionally, animal poison control centers have indicated a sharp overall increase in accidental exposure of pets to these products. Keep these products out of reach of children and pets.

## Why is the FDA notifying the public about delta-8 THC?

A combination of factors has led the FDA to provide consumers with this information. These factors include:

- An uptick in adverse event reports to the FDA and the nation's poison control centers.
- Marketing, including online marketing of products, that is appealing to children.
- Concerns regarding contamination due to methods of manufacturing that may in some cases be used to produce marketed delta-8 THC products.

The FDA is actively working with federal and state partners to further address the concerns related to these products and monitoring the market for product complaints, adverse events, and other emerging cannabis-derived products of potential concern. The FDA will warn consumers about public health and safety issues and take action, when necessary, when FDA-regulated products violate the law.

## How to report complaints and cases of accidental exposure or adverse events:

If you think you are having a serious side effect that is an immediate danger to your health, call 9-1-1 or go to your local emergency room. Health care professionals and patients are encouraged to report complaints and cases of accidental exposure and adverse events to the FDA's MedWatch Safety Information and Adverse Event Reporting Program:

- Call an FDA Consumer Complaint Coordinator (</safety/report-problem-fda/consumer-complaint-coordinators>) if you wish to speak directly to a person about your problem.
- Complete an electronic Voluntary MedWatch form (<https://www.accessdata.fda.gov/scripts/medwatch/>) online or call 1-800-332-1088 to

request a reporting form, then complete and return to the address on the form, or submit by fax to 1-800-FDA-0178.

- Complete a paper Voluntary MedWatch form (<https://www.fda.gov/media/85598/download>) and mail it to the FDA.
- To report adverse events in animals to the FDA's Center for Veterinary Medicine, please download and submit Form FDA 1932a found at: [www.fda.gov/ReportAnimalAE](http://www.fda.gov/ReportAnimalAE) ([/animal-veterinary/report-problem/how-report-animal-drug-and-device-side-effects-and-product-problems](http://animal-veterinary/report-problem/how-report-animal-drug-and-device-side-effects-and-product-problems)).

**FDA Issues Warning Letters:** FDA Issues Warning Letters to Companies Illegally Selling CBD and Delta-8 THC Products ([/news-events/press-announcements/fda-issues-warning-letters-companies-illegally-selling-cbd-and-delta-8-thc-products](http://news-events/press-announcements/fda-issues-warning-letters-companies-illegally-selling-cbd-and-delta-8-thc-products)).

**Warning Letters:** Warning Letters and Test Results for Cannabidiol-Related Products ([/news-events/public-health-focus/warning-letters-and-test-results-cannabidiol-related-products](http://news-events/public-health-focus/warning-letters-and-test-results-cannabidiol-related-products)).

**For more information about Delta-8 THC:** CDC HEALTH ALERT NETWORK (HAN) (<https://emergency.cdc.gov/han/2021/han00451.asp>).

*The American Association of Poison Control Centers (AAPCC) maintains the National Poison Data System (NPDS), which houses de-identified case records of self-reported information collected from callers during exposure management and poison information calls managed by the country's poison control centers (PCCs). NPDS data do not reflect the entire universe of exposures to a particular substance as additional exposures may go unreported to PCCs; accordingly, NPDS data should not be construed to represent the complete incidence of U.S. exposures to any substance(s). Exposures do not necessarily represent a poisoning or overdose and AAPCC is not able to completely verify the accuracy of every report. Findings based on NPDS data do not necessarily reflect the opinions of AAPCC.*

Was this helpful?

Yes

No



# Effects of Delta-9-Tetrahydrocannabinol (Delta-9-THC, $\Delta^9$ -THC) and Delta-8-THC ( $\Delta^8$ -THC)

**Delta-9-THC** is the primary psychoactive compound in cannabis. It is responsible for producing impairment and a feeling of “high.”

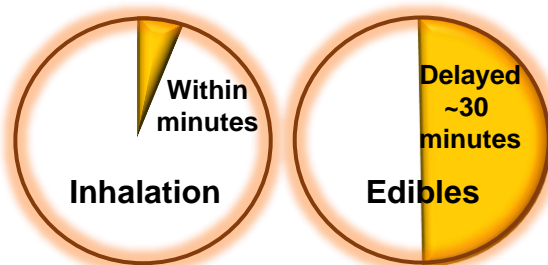
## Delta-9-THC Effects on Driving

- |                   |                                |            |
|-------------------|--------------------------------|------------|
| ↓ Decision-making | ↓ Ability to estimate distance | ↑ Swerving |
| ↓ Alertness       | ↓ Ability to react             | ↓ Memory   |



Photo by Hakuna Matata on Unsplash

### Delta-9-THC Onset of Effects



### Delta-9-THC Duration of Effects

Effects may persist for up to 8 hours or longer depending on dose, route of administration (e.g., smoking, vaping, edibles), and frequency of use.

## Delta-9-THC Effects

- Increased heart rate
- Dry mouth & throat
- Increased appetite
- High/euphoric feeling
- Sedation & relaxation
- Impaired short-term memory

## Delta-9-THC Toxicity

- Panic attacks
- Psychosis/hallucinations
- Cardiac complications
- Vomiting

## Delta-8-THC Effects—Currently Known

- Delta-8-THC is less potent than Delta-9-THC.
  - Increasing the dose of Delta-8-THC can result in similar strength of effects as Delta-9-THC.
- Oral and vaped Delta-8-THC produces similar feelings of euphoria and impairment to Delta-9-THC according to preliminary data from Johns Hopkins University (JHU) School of Medicine.
- Adverse effects after consumption of Delta-8-THC products include hallucinations, vomiting, tremors, anxiety, dizziness, confusion, and loss of consciousness, as reported by the U.S. Food and Drug Administration (FDA).
- Further research is needed on Delta-8-THC.

For more information on the JHU study:



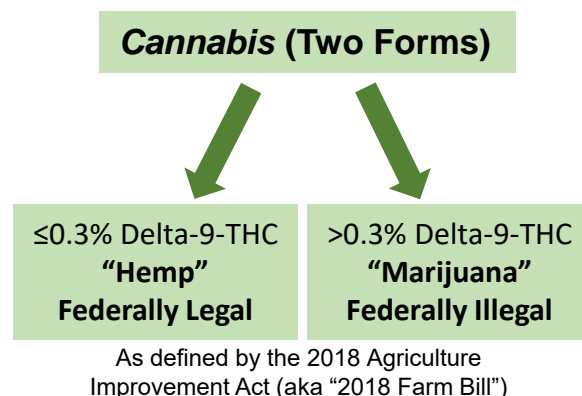
For more information from the FDA:



**CAUTION: Motor vehicles and machinery should not be operated while under the effects of Delta-9-THC and/or Delta-8-THC.**

# What Is Delta-8-Tetrahydrocannabinol? (Delta-8-THC, D8-THC, Δ8-THC)

- Delta-8-THC is a psychoactive compound found in trace amounts (<1%) in *Cannabis*.
- Delta-8-THC (and Delta-9-THC) can be produced from cannabidiol (CBD) by a chemical reaction.
  - CBD is a non-intoxicating compound found in high amounts in the hemp plant.
  - Some manufacturers produce lab-created THC compounds from CBD and call them “hemp-derived.”
- Delta-8-THC and Delta-9-THC, whether plant-derived or lab-created, produce similar psychoactive effects.
- Products containing Delta-8-THC include edibles (e.g., cookies, chocolates, gummies), vaping solutions, distillates, and infused hemp flower.
  - Packaging may appeal to children



## Real World Example



All photos courtesy of: Dr. Michelle Peace, Virginia Commonwealth University

Consumer ate 1 honey stick and experienced 4-6 hours of hallucinations. The package said it contained 45 mg of Delta-8-THC, but **it contained 631 mg of Delta-8-THC and 204 mg of Delta-9-THC.**

- Product was sold as “hemp-derived” to imply that it came from the hemp plant.
- 14 pounds of hemp with 1% Delta-8-THC would be needed to make this honey stick.
- It is likely that the Delta-8-THC in this product was lab-created.

## Delta-8-THC Products Are Unregulated and Can Contain:

**Dangerously High  
Delta-8-THC Concentrations**

**Delta-9-THC or Other THC Analogs**

**Debris From Unsanitary Production**

**Dangerous Solvents or Contaminants**





# THC Analogs

## Isomers vs. Derivatives

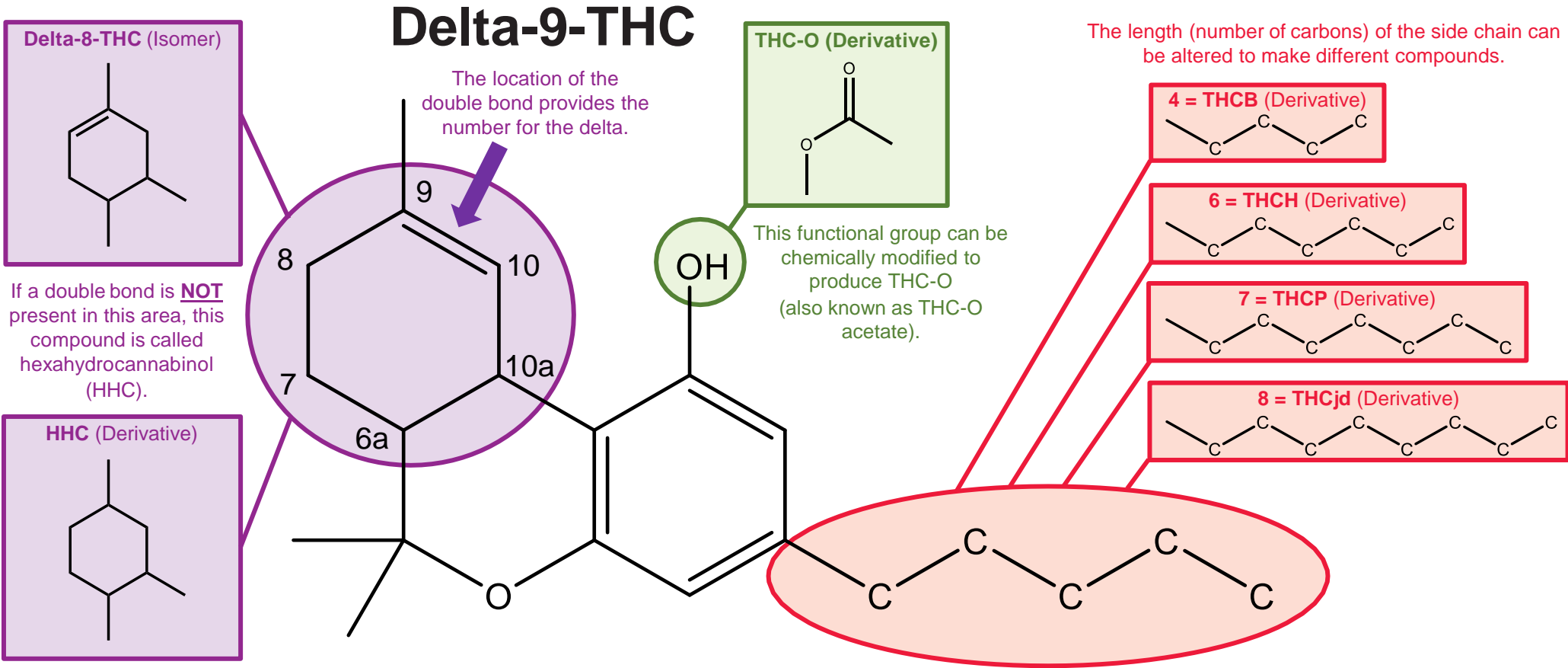
**Analog** A compound having a similar structure to another compound; includes both isomers and derivatives

### Isomer

Same number of carbons, hydrogens, and oxygens, but rearranged. **For example:** Delta-8 vs. Delta-9 vs. Delta-10

### Derivative

Looks like Delta-9-THC, but has a different number of carbons, hydrogens and oxygens. **For example:** HHC, THC-O, or THC-P



**Any combination of these changes are possible, producing molecules that look similar to Delta-9-THC with unknown effects and safety. Thousands of THC-like compounds can be formed (e.g., HHC-O, Delta-10-THCH, Delta-8-THCP-O).**

11/14/2023

Meeting Date

Ag.

Committee

The Florida Senate  
**APPEARANCE RECORD**

Deliver both copies of this form to  
Senate professional staff conducting the meeting

Bill Number or Topic

Amendment Barcode (if applicable)

Name

Dr. Matthew Curran

Phone

850-617-7700

Address

Street

Email

City

State

Zip

Speaking:

☐

For

☐

Against

☒

Information

**OR**

Waive Speaking:

☐

In Support

☐

Against

**PLEASE CHECK ONE OF THE FOLLOWING:**

☒

I am appearing without  
compensation or sponsorship.

☐

I am a registered lobbyist,  
representing:

☐

I am not a lobbyist, but received  
something of value for my appearance  
(travel, meals, lodging, etc.),  
sponsored by:

While it is a tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this hearing. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard. If you have questions about registering to lobby please see Fla. Stat. §11.045 and Joint Rule 1. [2020-2022 Joint Rules.pdf \(flsenate.gov\)](#)

This form is part of the public record for this meeting.

S-001 (08/10/2021)

The Florida Senate

APPEARANCE RECORD

Deliver both copies of this form to  
Senate professional staff conducting the meeting

11/14/2023

Meeting Date

Agriculture

Committee

Memph

Bill Number or Topic

Amendment Barcode (if applicable)

Name

Melissa Villar

Phone

850 354-1636

Address

Po Box 11254

Email

melissav@thccntally.org

Street

Tul

City

FL

State

32302

Zip

Speaking:

☐

For

☐

Against

☒

Information

OR

Waive Speaking:

☐

In Support

☐

Against

PLEASE CHECK ONE OF THE FOLLOWING:

☒

I am appearing without  
compensation or sponsorship.

☐

I am a registered lobbyist,  
representing:

☐

I am not a lobbyist, but received  
something of value for my appearance  
(travel, meals, lodging, etc.),  
sponsored by:

While it is a tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this hearing. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard. If you have questions about registering to lobby please see Fla. Stat. §11.045 and Joint Rule 1. [2020-2022 Joint Rules.pdf \(flsenate.gov\)](#)

This form is part of the public record for this meeting.

S-001 (08/10/2021)



The Florida Senate

**APPEARANCE RECORD**

Deliver both copies of this form to  
Senate professional staff conducting the meeting

11/14/23  
Meeting Date

Agriculture  
Committee

Delta-8 Hemp  
Bill Number or Topic

Amendment Barcode (if applicable)

Name Teresa Miller Phone 813 842 3073

Address 3608 W Corona Email DontBeDoped@gmail.com  
Street

Tampa FL 33629  
City State Zip

Speaking: ☐ For ☐ Against ☒ Information **OR** Waive Speaking: ☐ In Support ☐ Against

**PLEASE CHECK ONE OF THE FOLLOWING:**

☒ I am appearing without  
compensation or sponsorship.

☐ I am a registered lobbyist,  
representing:

☐ I am not a lobbyist, but received  
something of value for my appearance  
(travel, meals, lodging, etc.),  
sponsored by:

While it is a tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this hearing. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard. If you have questions about registering to lobby please see Fla. Stat. §11.045 and Joint Rule 1. [2020-2022 Joint Rules.pdf \(flsenate.gov\)](#)

This form is part of the public record for this meeting.

S-001 (08/10/2021)

The Florida Senate

**APPEARANCE RECORD**

Deliver both copies of this form to  
Senate professional staff conducting the meeting

Bill Number or Topic

Amendment Barcode (if applicable)

Meeting Date

Committee

Name

Phone

Address

Street

City

State

Zip

Email

Speaking:

☐

For

☐

Against

☐

Information

**OR**

Waive Speaking:

☐

In Support

☐

Against

**PLEASE CHECK ONE OF THE FOLLOWING:**

☒

I am appearing without  
compensation or sponsorship.

☐

I am a registered lobbyist,  
representing:

☐

I am not a lobbyist, but received  
something of value for my appearance  
(travel, meals, lodging, etc.),  
sponsored by:

While it is a tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this hearing. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard. If you have questions about registering to lobby please see Fla. Stat. §11.045 and Joint Rule 1. [2020-2022 Joint Rules.pdf \(flsenate.gov\)](#)

This form is part of the public record for this meeting.

S-001 (08/10/2021)

The Florida Senate

# APPEARANCE RECORD

Deliver both copies of this form to  
Senate professional staff conducting the meeting

Panel on Hemp

CS/CS/SB 1676

Bill Number or Topic

11/14/23

Meeting Date

Agriculture

Committee

Amendment Barcode (if applicable)

Name Dr. Alexandra Funk

Phone 813-844-8042

Address FL Poison Information Center  
@TGH 1 Tampa General Cir  
Street

Email afunk@tgh.af@gmail.com

Tampa FL 33606  
City State Zip

afunk@tgh.org

Speaking: ☐ For ☐ Against ☒ Information **OR** Waive Speaking: ☐ In Support ☐ Against

## PLEASE CHECK ONE OF THE FOLLOWING:

☒ I am appearing without  
compensation or sponsorship.

☐ I am a registered lobbyist,  
representing:

☐ I am not a lobbyist, but received  
something of value for my appearance  
(travel, meals, lodging, etc.),  
sponsored by:

While it is a tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this hearing. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard. If you have questions about registering to lobby please see Fla. Stat. §11.045 and Joint Rule 1. [2020-2022 Joint Rules.pdf \(flsenate.gov\)](#)

This form is part of the public record for this meeting.

S-001 (08/10/2021)



**THE FLORIDA SENATE**  
**APPEARANCE RECORD**

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

11/14/23

Meeting Date

HEMP PANEL

Bill Number (if applicable)

Topic HEMP PANEL

Amendment Barcode (if applicable)

Name NICK TISCIONE

Job Title TOXICOLOGY MANAGER

Address 3228 GUN CLUB RD  
Street

Phone 561-688-4254

WEST PALM BEACH FL 33406  
City State Zip

Email TISCIONE@ASSO.ORG

Speaking: ☐ For ☐ Against ☒ Information

Waive Speaking: ☐ In Support ☐ Against  
(The Chair will read this information into the record.)

Representing \_\_\_\_\_

Appearing at request of Chair: ☒ Yes ☐ No

Lobbyist registered with Legislature: ☐ Yes ☒ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

**This form is part of the public record for this meeting.**

S-001 (10/14/14)

The Florida Senate

**APPEARANCE RECORD**

Nov 14, 2023

Meeting Date

Deliver both copies of this form to  
Senate professional staff conducting the meeting

Bill Number or Topic

Senate Agriculture

Committee

Amendment Barcode (if applicable)

Name

Ellen Snelling

Phone

813-731-2696

Address

521 Lantern Circle

Email

er.snelling@verizon.net

Street

Temple Terrace FL 33617

City

State

Zip

Speaking:

☐

For

☐

Against

☐

Information

**OR**

Waive Speaking:

☐

In Support

☐

Against

**PLEASE CHECK ONE OF THE FOLLOWING:**

☒

I am appearing without  
compensation or sponsorship.

☐

I am a registered lobbyist,  
representing:

☐

I am not a lobbyist, but received  
something of value for my appearance  
(travel, meals, lodging, etc.),  
sponsored by:

*While it is a tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this hearing. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard. If you have questions about registering to lobby please see Fla. Stat. §11.045 and Joint Rule 1. [2020-2022 Joint Rules.pdf \(flsenate.gov\)](#)*

This form is part of the public record for this meeting.

S-001 (08/10/2021)



# 2024 Hemp Delta-8 THC Update

11/13/23

Legislation bill recommendation, mental & physical side-effects .... [rethinkpot.org/Delta-8](https://rethinkpot.org/Delta-8)

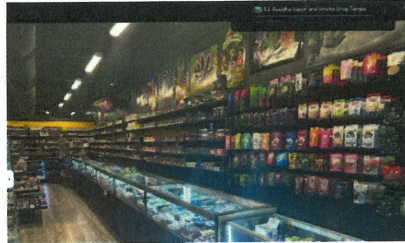
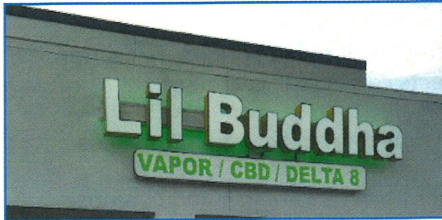
## What's in Your Neighborhood?

### Have you visited your local vape shop?

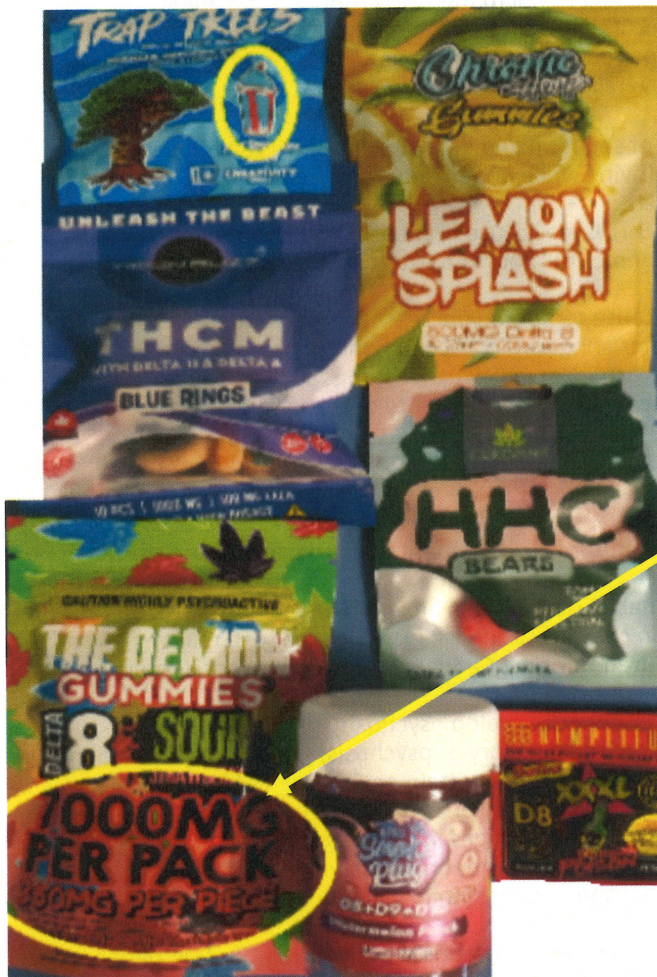
Would you recognize this as a dangerous psychotic drug?

Would a child know not to eat this candy?

Tampa- Vapor and Smoke Shops, gas stations and convenience stores:



Below Purchased November 2023



**Stores appear to need more education on current hemp regulations.** Mushroom and Kratom products should also be banned to protect our children, families, and communities. These products are typically also sold at these local smoke and vape shops.

#### Hillsborough County

- **There were no signs** stating delta-8 products will not be sold to anyone under 21 in most stores.
- **Packaging** lacks information identifying products as harmful, containing high potency THC, not candy, ...
- Locations are often close to schools, day care, child friendly facilities.
- A smoke shop near Plant High School had lines of teens outside the door on football game and event nights.
- Fourteen vape, Delta-8, Kratom... shops on Dale Mabry and Kennedy within less than a 5 mile radius –Several shops back up to neighborhoods.

• **7000 mg per package 350 mg per piece- 20 pieces.** Standard serving potency is 10-20mg/piece, making it 20-30 times more potent. Would you cut a piece of candy into 35 pieces before consuming it?

- **Currently: Twenty-five states either regulate or ban delta-8-THC and other THC isomers.** Eighteen states banned intoxicating synthetic hemp cannabinoids - delta-8-THC, delta-10-THC and THC-O - due to concerns about contamination, lack of regulation, marketing products to children and high levels of THC. The 18 states are: Alaska, Arkansas, Colorado, Delaware, Hawaii, Idaho, Iowa, Montana, New Hampshire, New York, North Dakota, Oregon, Rhode Island, Vermont, Virginia, Utah, West Virginia and Washington. Seven other states regulate delta-8-THC: Arizona, California, Minnesota, Mississippi, Nevada, Connecticut and Michigan.

**Policy Recommendation:** Ban delta-8-THC and other synthetically derived tetrahydrocannabinols to protect the health, safety and welfare of children, families, and communities in Florida. **Ban applies to retail as well as online purchasing** of any Delta-8 THC and other synthetic derived products.

**Additional information:** Delta-8 THC: Exposing the Truth – “Disguised as Everyday Products, Concealing the Risks” and “Delta-8 THC – Mental & Physical Side Effects” [rethinkpot.org/Delta-8](https://rethinkpot.org/Delta-8)

#### Ellen Snelling

Board Chair, HCADA  
Chair, Tampa Alcohol Coalition  
[er.snelling@verizon.net](mailto:er.snelling@verizon.net)  
813-731-2696

#### Teresa Miller

HCADA Board Member  
[StopRxDrugAbuse.org](https://StopRxDrugAbuse.org), [No2pot.org](https://No2pot.org)  
[tmiller@stoprxdrugabuse.org](mailto:tmiller@stoprxdrugabuse.org)  
813-842-3073





# THE FLORIDA SENATE

Tallahassee, Florida 32399-1100

**COMMITTEES:**

Banking and Insurance, *Chair*  
Agriculture, *Vice Chair*  
Appropriations Committee on Agriculture, Environment,  
and General Government  
Finance and Tax  
Fiscal Policy  
Judiciary  
Rules

**SENATOR JIM BOYD**

20th District

November 9, 2023

Senator Jay Collins  
335 Knott Building  
404 South Monroe Street  
Tallahassee, FL 32399

Dear Chairman Collins:

I am writing to request approval to be excused from the Committee on Agriculture meeting scheduled for Tuesday, November 14, 2023.

I appreciate your consideration in this matter.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jim Boyd".

Jim Boyd

cc: Katherine Becker  
Evan Denny  
Nic Ancheta

**REPLY TO:**

- ☐ 717 Manatee Avenue West, Bradenton, Florida 34205 (941) 742-6445
- ☐ 415 Senate Building, 404 South Monroe Street, Tallahassee, Florida 32399-1100 (850) 487-5020

Senate's Website: [www.flsenate.gov](http://www.flsenate.gov)

**KATHLEEN PASSIDOMO**  
President of the Senate

**DENNIS BAXLEY**  
President Pro Tempore

# CourtSmart Tag Report

**Room:** SB 301

**Case No.:**

**Type:**

**Caption:** Senate Agriculture Committee **Judge:**

**Started:** 11/14/2023 1:46:18 PM

**Ends:** 11/14/2023 3:34:28 PM

**Length:** 01:48:11

1:46:16 PM Chair Collins calls meeting into order  
1:46:17 PM Roll call, quorum is not present  
1:46:31 PM Pledge of Allegiance  
1:46:34 PM Chair Collins makes opening remarks  
1:47:15 PM Tab 1, Presentation on Aquaculture by Portia Sapp, Director, Florida Department of Agriculture and Consumer Services Division of Agriculture  
1:47:19 PM Portia Sapp  
1:58:39 PM Chair Collins  
1:58:44 PM Questions:  
1:58:45 PM Senator Simon  
1:59:04 PM Portia Sapp  
1:59:47 PM Senator Simon  
2:00:32 PM Portia Sapp  
2:00:34 PM Senator Simon  
2:00:35 PM Portia Sapp  
2:00:50 PM Senator Berman  
2:01:20 PM Portia Sapp  
2:01:56 PM Senator Baxley  
2:02:52 PM Portia Sapp  
2:03:03 PM Senator Baxley  
2:03:23 PM Tab 2, Panel on Hemp and CS/CS/SB 1676 from the 2023 Legislative Session  
2:03:49 PM Chair Collins  
2:05:57 PM Dr. Curran  
2:09:45 PM Questions:  
2:09:47 PM Senator Berman  
2:10:16 PM Dr. Curran  
2:10:25 PM Senator Berman  
2:10:33 PM Dr. Curran  
2:10:46 PM Senator Simon  
2:11:24 PM Chair Collins  
2:11:39 PM Dr. Alexandra Funk, FL Poison Information Center  
2:22:54 PM Dr. Nick Tiscione, Toxicology Manager  
2:27:24 PM Jammie Treadwell, Treadwell Farms  
2:30:19 PM Questions:  
2:30:20 PM Senator Rouson  
2:30:34 PM Jammie Treadwell  
2:31:27 PM Senator Rouson  
2:31:40 PM Jammie Treadwell  
2:32:18 PM Senator Berman  
2:32:44 PM Jammie Berman  
2:34:10 PM Ellen Snelling  
2:43:36 PM Questions:  
2:43:41 PM Senator Baxley  
2:44:22 PM Dr. Alexandra Funk  
2:45:26 PM Senator Baxley  
2:45:40 PM Dr. Alexandra Funk  
2:45:57 PM Senator Baxley  
2:46:43 PM Dr. Alexandra Funk  
2:47:12 PM Senator Simon  
2:47:35 PM Ellen Snelling  
2:48:09 PM Senator Simon  
2:48:23 PM Dr. Nick Tiscione

2:49:12 PM	Senator Simon
2:49:39 PM	Dr. Nick Tiscione
2:50:25 PM	Dr. Alexandra Funk
2:50:53 PM	Dr. Curran
2:51:39 PM	Dr. Nick Tiscione
2:52:35 PM	Senator Berman
2:53:28 PM	Dr. Alexandra Funk
2:55:20 PM	Dr. Curran
2:57:27 PM	Jammie Treadwell
2:59:24 PM	Ellen Snelling
3:01:10 PM	Senator Rouson
3:02:01 PM	Dr. Nick Tiscione
3:02:07 PM	Dr. Alexandra Funk
3:03:18 PM	Ellen Snelling
3:04:01 PM	Senator Rouson
3:04:36 PM	Dr. Nick Tiscione
3:05:43 PM	Dr. Curran
3:06:22 PM	Senator Simon
3:06:39 PM	Dr. Alexandra Funk
3:06:59 PM	Ellen Snelling
3:07:34 PM	Senator Simon
3:07:39 PM	Ellen Snelling
3:07:48 PM	Dr. Alexandra Funk
3:08:15 PM	Jammie Treadwell
3:08:25 PM	Dr. Curran
3:08:48 PM	Senator Baxley
3:11:47 PM	Dr. Curran
3:12:32 PM	Dr. Alexandra Funk
3:12:58 PM	Ellen Snelling
3:14:12 PM	Jammie Treadwell
3:15:26 PM	Dr. Curran
3:16:42 PM	Chair Collins
3:16:59 PM	Dr. Curran
3:17:42 PM	Chair Collins
3:17:56 PM	Dr. Curran
3:18:41 PM	Chair Collins
3:18:48 PM	Dr. Curran
3:19:14 PM	Chair Collins recognizes public testimony
3:19:23 PM	Teresa Miller
3:22:47 PM	Questions:
3:22:55 PM	Senator Rouson
3:22:57 PM	Teresa Miller
3:24:06 PM	Melissa Villar
3:30:27 PM	Chair Collins
3:30:42 PM	Dr. Alexandra Funk
3:31:21 PM	Chair Collins
3:32:13 PM	Senator Simon moved to adjourn
3:32:19 PM	Meeting adjourned