



CITY OF TITUSVILLE

TITUSVILLE ENVIRONMENTAL COMMISSION

AGENDA

Regular Meeting

March 12, 2025 - 5:30 PM

Council Chamber at City Hall

555 South Washington Avenue, Titusville, FL 32796

All persons who anticipate speaking on any Public Hearing item must fill out an Oath Card to be heard on that agenda item and sign the oath contained thereon. These cards are located on the table near the entrance to the Council Chamber or may be obtained from the Recording Secretary. This meeting will be conducted in accordance to the procedures adopted in Resolution No. 24-1997.

Those speaking in favor of a request will be heard first, those opposed will be heard second, and those who wish to make a public comment on the item will speak third. The applicant may make a brief rebuttal if necessary. A representative from either side, for or against, may cross-examine a witness.

Anyone who speaks is considered a witness. If you have photographs, sketches, or documents that you desire for the Commission to consider, they must be submitted into evidence and will be retained by the City. Please submit such exhibits to the Recording Secretary.

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **DETERMINATION OF A QUORUM**
4. **PLEDGE OF ALLEGIANCE**
5. **APPROVAL OF MINUTES**
  - A. **Minutes February 12, 2025**  
Approve Minutes
6. **PETITIONS AND REQUESTS FROM THE PUBLIC PRESENT (NON-AGENDA ITEMS)**
7. **OLD BUSINESS**

A. **Native Municipal Tree, Canopy, and Landscape Management Trust Fund**

Discuss the Native Municipal Tree, Canopy, and Landscape Management Trust Fund concept.

B. **TEC By-laws**

Approve or deny proposed By-Law edit

**8. NEW BUSINESS**

A. **Fluoride in Drinking Water**

No action is required.

**9. PETITIONS AND REQUESTS FROM THE PUBLIC PRESENT**

**10. REPORTS**

A. **Chairman Report**

B. **Member Reports**

**11. ADJOURNMENT**

Any person who decides to appeal any decision of the Titusville Environmental Commission with respect to any matter considered at this meeting will need a record of the proceedings, and for such purpose, may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

The City desires to accommodate persons with disabilities. Accordingly, any physically handicapped person, pursuant to Chapter 286.26 Florida Statutes, should, at least 48 hours prior to the meeting, submit a written request to the chairperson that the physically handicapped person desires to attend the meeting.

**City of Titusville**  
"Gateway to Nature and Space"

REPORT TO COUNCIL

**To:** Members of the Titusville Environmental Commission  
**From:** Brad Parrish, Community Development Director  
**Subject:** **Minutes February 12, 2025**  
**Department/Office:** Planning

**Recommended Action:**

Approve Minutes

**Summary Explanation & Background:**

Minutes February 12, 2025

**Alternatives:**

**Item Budgeted:**

**Source/Use of Funds/Budget Book Page:**

**Strategic Plan:**

**Strategic Plan Impact:**

**ATTACHMENTS:**

1. 02.12.25 TEC Minutes Draft

The Titusville Environmental Commission (TEC) of the City of Titusville, Florida met in regular session at City Hall in the Council Chamber located at 555 South Washington Avenue on Wednesday, February 12, 2025, at 5:30pm.

XXX

Chairman Michael Myjak, called the meeting to order at 5:30pm. Present were, Vice Chairwoman Laurilee Thompson, Member Jonathan Burdette, Member Beth Ann Tucker, Member Robert Walter, Member Michael Browning, Alternate Member William Young and Alternate Member Joshua Koci. Member Hector Delgado was absent. Staff present were Community Development Director Brad Parrish, Sustainability Program Coordinator Lily Galleo, and Recording Secretary Laurie Dargie.

XXX

Kay St. Onge of Titusville, Florida spoke of a correction to the minutes regarding changing *and* to *on*. The correction is provided in the following sentence.

Section 30-31 (b) (1) – (excluding single duplex units *on properties two (2) acres or less and multifamily projects on properties two (2) acres or less that satisfies* Comprehensive Plan Future Land Use Element Policy 1.7.7 for infill development).

Member Tucker made a motion to approve the January 15, 2025 meeting minutes with a correction. Member Walter seconded. There was a unanimous voice vote in favor.

XXX

Community Development Director Brad Parrish requested that the order of the agenda been modified. The Titusville Environmental Commission members agreed to the requested modifications to the agenda order of tonight's meeting.

XXX

### **Petitions and Requests from Public Present**

Chairman Myjak spoke of an email that he received from Stan Johnston pertaining to fountains in stormwater ponds and the request to send a letter to Brevard County asking them to turn off the fountains during any sewage spills or when sewage is detected.

XXX

**Old Business**

**Titusville Environmental Commission (TEC) Member Recognition**

Sustainability Program Coordinator Lily Galleo informed the Titusville Environmental Commission that the City Clerk's office sends a letter of appreciation and a certificate of appreciation to all members who have served on the city's Boards and Commissions.

The Titusville Environmental Commission was satisfied that this was being done to show appreciation to Member Perez and Member Flis for their service on the Titusville Environmental Commission.

XXX

**The Wyland National Mayor's Challenge for Water Conservation**

Sustainability Program Coordinator Lily Galleo gave a brief overview of this item.

Kay St. Onge of Titusville, Florida came to speak of her support for this challenge of water conservation and encouraged the support of challenges for tree plantings and low impact living.

The Titusville Environmental Commission supported this challenge for water conservation.

Chairman Myjak suggested that the Commission also encourage and support low impact living.

XXX

Member Walter made a motion to support the Wyland National Mayor's Challenge for Water Conservation and recommend to City Council their support, including low impact living. There was a unanimous voice vote in favor.

XXX

**Natural Resources Public Engagement Project Report (Draft Recommendations)**

Community Development Director Brad Parrish gave an overview of this item.

Chairman Myjak said that he would like to go over this report page by page to allow feedback regarding the report from the Commission.

Mary Sphar of Cocoa, Florida came to speak in regard to this report. Ms. Sphar referred to the email that she sent to the Titusville Environmental Commission members regarding her suggestions on the wetlands impacts policies page 33 of the Natural Resources Public Engagement Project Report. Mary Sphar's email and suggested changes will be provided as backup and can be requested as public record.

The Titusville Environmental Commission had discussion relating to conservation easements. The Commission also discussed how the standards of BMAP's are not enough and more needs to be done.

The Titusville Environmental Commission went over the Natural Resources Public Engagement Project Report page by page. Below are the changes that were discussed.

XXX

Page 18 of the Natural Resources Public Engagement Project Report

**Implementation column** – add language after the since sentence The City is already ahead of its current BMAP reduction goal – *However, more can be done, including testing of stormwater outfalls.*

XXX

Page 19 of the Natural Resources Public Engagement Project Report

**Strategy column** – add language to the following sentence (added language bolded and italicized) – Prioritize funding to conduct restoration *and maintenance* of the shoreline on properties owned by the City when feasible.

XXX

Page 21 of the Natural Resources Public Engagement Project Report

**Implementation** column – correct language to say – *Testing is already being conducted*

**Strategy column** – add language – Conduct a study to locate, assess, and identify repairs to all existing wastewater lines, particular near water surface *and begin to study long term plans and partnering with Brevard County and Space Florida for future waste water services.*

XXX

Page 23 of the Natural Resources Public Engagement Project Report

**Implementation column** – un-strike and keep the following language – *However, the City should consider providing enhanced notice regarding sewer pipe breaks on its website and social media outlets, in addition to notifying news outlets that can reach residents through radio and television.*

**Future Considerations and Resources column** – un-strike and keep the following language – *Consider accompanying precautions/health and safety advice and clarify what households/businesses will be affected; describe what steps the City is taking to respond and what actions residents need to take and to stay up to date on current State notification protocols and requirements.*

XXX

Page 24 of the Natural Resources Public Engagement Project Report

**Strategy column** - Fix Grammar - "Continue to continue to..." to just read *Continue to pursue grants and partnerships.*

**Future Considerations & Resources column** – "Additional staff may be needed..." and add the strike through portion under implementation "Titusville could join One Lagoon..." and add "and will continue to do so in the future" so that Implementation block in that row reads *"One Lagoon also distributes the Indian River Lagoon National Estuary Program's (IRLNEP) small grant funding. The City partnered with the IRLNEP to receive grant funding for Scobie Park, the project is underway. The City has applied for multiple grants from the FDEP and SOIRL in FY25 for IRL projects and will continue to do so in the future."*

and the Future Considerations and Resources reads *"Titusville could join One Lagoon's monitoring network, which includes Brevard County, SJRWMD, Florida Department of Environmental Protection and FAU's Harbor Branch Oceanographic Institute, among other state, regional and federal partners.*

XXX

Page 25 of the Natural Resources Public Engagement Project Report

**Implementation column** – add language – The City partnered with the IRLNEP to receive grant funding for Scobie Park, the project is underway. The City has applied for multiple grants from the FDEP and SOIRL in FY25 for IRL projects *and will continue to do so in the future.*

XXX

Page 27 of the Natural Resources Public Engagement Project Report

**Implementation column** – change the language to read as follows - *The Tree Canopy Preservation ordinance was adopted in 2021. Continue to monitor the ordinance and propose amendments that prevent clearcutting and preserves natural canopy and hydrology, as needed.*

**Future Considerations & Resources** – add language – Increasing tree preservation requirements could drive up the cost of construction and potentially negatively *or positively* affect other goals of the city like economic development and housing affordability.

Page 29 of the Natural Resources Public Engagement Project Report

**Future Considerations & Resources column** – Remove sentence – IFAS recommends Florida Friendly Landscaping.

The Titusville Environmental Commission members want to replace anywhere that says Florida Friendly with Brevard native.

XXX

Page 33 of the Natural Resources Public Engagement Project Report

The Titusville Environmental Commission wants to include the changes that Mary Sphar provided. Mr. Parrish suggested a few edits and Ms. Sphar agreed with the edits.

**Strategy column** – Mary Sphar’s comments with staff edits reads as follows: *"Consider removing the FLUE Policy 1.16.2 that allows conservation easements in Planned Developments in lieu of Conservation land use designations for wetlands 5 acres or more in size."*

**Implementation column** – Mary Sphar’s comments with staff edits reads as follows: *"Amend the Comprehensive Plan and LDRs to delete and clarify outdated language."*

**Future Considerations & Resources** – Mary Sphar’s comments - *Conservation easements are no longer guaranteed to be permanent.* Conservation easements would need to be dedicated to an entity (i.e. City, SJRWMD, or other entities) in perpetuity on a plat or binding document. Conservation easements would require maintenance of the land, and occasional monitoring."

XXX

Kay St. Onge of Titusville, Florida came to speak during the review of the report and provided feedback.

Mary Sphar of Cocoa, Florida came to speak during the review of the report and provided feedback.

XXX

Member Young made a motion to approve all the discussed changes to the Natural Resources Public Engagement Project Report (Draft Recommendations). Vice Chairwoman Thompson seconded.

Roll call was as follows:

Member Burdette	Yes
Member Young	Yes
Member Walter	Yes
Vice Chairwoman Thompson	Yes
Member Browning	Yes
Member Tucker	Yes
Chairman Myjak	Yes

Motion passed.

XXX

The Titusville Environmental Commission voted to use the picture on page 71 of 137 of the agenda packet as the cover page to the Natural Resources Public Engagement Project Report. There was a unanimous voice vote in favor.

XXX

**New Business**

**Titusville Environmental Commission (TEC) By-Laws**

Chairman Myjak said that he would like to discuss the TEC By-Laws more in depth but tonight he would like to suggest reviewing Article IX. Order of Business. Chairman Myjak said he would like to have “Future Agenda Items” be added to the Order of Business.

XXX

Vice Chairman Thompson made a motion to add Future Agenda Items to Article IX. Order of Business as the new number eleven. Member Tucker seconded. There was a unanimous voice vote in favor.

XXX

Mr. Parrish said that the draft change will come back before the Titusville Environmental Commission at their next meeting on March 12, 2025.

XXX

**Fountain Functionality and use of bubbles in stormwater ponds**

Vice Chairwoman Thompson said stated that using aerators instead of fountains in stormwater ponds would eliminate spraying during any future sewage spills. Vice Chairman Thompson referred to the email (provided in the agenda packet) from the City of Titusville’s Public Works Operations Director, Sandy Reller regarding the SOIRL grants to install pond circulators at both the Osprey Pond and Coleman pond.

Chairman Myjak voiced on behalf of Stan Johnston, that Mr. Johnston would like for the City of Titusville to write a letter to Brevard County to ask that any fountains in stormwater ponds which have sewage spills or detection of sewage be turned off.

XXX

Member Young made a motion to recommend to City Council advisability to change fountains in stormwater ponds to aerators and also research the cost and benefits for the environment. Member Browning seconded. There was a unanimous voice vote in favor.

XXX

**Economic Development in Florida Urban3 Report**

Vice Chairwoman Thompson gave a brief summary of this report and asked that the Titusville Environmental Commission support this.

The Titusville Environmental Commission members had discussions relating to minimizing urban sprawl, density, tree preservation etc.

Chairman Myjak stated that he did not want to lose the “Hometown Feel” of Titusville and that “Hometown Feel” should be defined.

XXX

**Old Business**

**Native Municipal Tree, Canopy, and Landscape Management Trust Fund**

Chairman Myjak provided a summary of this item.

The Titusville Environmental Commission had discussions relating to incentives, tree canopy preservation, low impact development, and urban forestry.

Chairman Myjak asked that the Titusville Environmental Commission review this document and come back to the March 12, 2025 meeting with modifications, changes, and suggestions.

XXX

Member Walter made a motion to table the Native Municipal Tree, Canopy, and Landscape Management Trust Fund item until the March 12, 2025 meeting. Member Young Seconded. There was a unanimous voice vote in favor.

**Petitions and Requests from Public Present**

None

XXX

**Reports**

**Titusville Environmental Commission (TEC) Semi-Annual Report to City Council**

Member Browning made a motion to approve the Titusville Environmental Commission Semi-Annual Report to City Council as presented. Member Tucker seconded. There was a unanimous voice vote in favor.

XXX

Chairman Myjak said he would present the semi-annual report in person at the February 25, 2025 City Council meeting.

XXX

**Vulnerability Assessment Webinar and Open Survey**

Sustainability Program Coordinator Lily Galleo provided information regarding the webinar and encouraged the Titusville Environmental Commission members to participate and to spread the word about this webinar and survey to the community.

XXX

Member Burdette provided a handout on fluoride in drinking water. Member Burdette requested that this topic be added to a future Titusville Environmental Commission agenda for discussion. Member Burdette said he will be adding some additional information to this report and will provide it at the March 12, 2025 meeting if the Commission agrees to discuss it.

XXX

Member Burdette made a motion to add discussion of fluoride in drinking water to the March 12, 2025 Titusville Environmental Commission agenda. Member Young seconded. There was a unanimous voice vote in favor.

XXX

Vice Chairwoman Thompson said she attended the 100<sup>th</sup> SOIRL event in Titusville at the A. Max Brewer Causeway and it was a great event. Vice Chairman Thompson said she spoke to Marcia Gaedcke who is interested in making this a regional project to help restoration of the Indian River Lagoon and clams.

Chairman Myjak said he also attended the 100<sup>th</sup> SOIRL event and agreed that it was a great event.

Member Young said in 1957 there was many fishing contests on the Indian River Lagoon and he would like to work towards restoring those types of fishing events in the lagoon.

Vice Chairwoman Thompson said that Mosquito Lagoon is exploding with seagrass. Chairwoman Thompson said that the biggest enemy of the Indian River Lagoon is stormwater and the Titusville Environmental Commission must work towards stopping freshwater into the Indian River Lagoon.

Chairman Myjak spoke about the salinity in the Indian River Lagoon being too low and how it impacts the wildlife in the lagoon. Chairman Myjak said that efforts to stop freshwater going into the Indian River Lagoon need to be developed.

XXX

**Adjournment 8:41 p.m.**

**City of Titusville**  
"Gateway to Nature and Space"

REPORT TO COUNCIL

**To:** Members of the Titusville Environmental Commission  
**From:** Brad Parrish, Community Development Director  
**Subject:** **Native Municipal Tree, Canopy, and Landscape Management Trust Fund**  
**Department/Office:** Community Development

**Recommended Action:**

Discuss the Native Municipal Tree, Canopy, and Landscape Management Trust Fund concept.

**Summary Explanation & Background:**

Chairman Myjak asked that the Titusville Environmental Commission review this document and come back to the March 12, 2025 meeting with modifications, changes, and suggestions.

This item was originally introduced during the May 15, 2024, TEC meeting.

**Alternatives:**

**Item Budgeted:**

**Source/Use of Funds/Budget Book Page:**

**Strategic Plan:**

**Strategic Plan Impact:**

**ATTACHMENTS:**

1. Native Municipal Tree, Canopy, and Landscape Management Trust Fund (Native Landscape Trust Fund)

**Native Municipal Tree, Canopy, and Landscape Management Trust Fund**  
**or simply,**  
**the Native Landscape Trust Fund**

**Summary**

**There is a growing loss of native Florida due to human development.**

**Our environment, the natural life-giving habitat, is being consumed by concrete, impervious surfaces and compaction. If this continues, it will squeeze “the Nature” right out of Titusville’s Motto.**

**So we must prepare for the future. What will our city look like? Every citizen wants professional police protection, a high-quality fire department, and the best possible administrators the city can offer. But how many people insist that the welfare of their community’s treasure of trees be entrusted to professional management?**

**One university study indicates that only 39 percent of our municipalities systematically care for their publicly owned trees, and fewer than 15 percent hire foresters. The result is that many of our urban forests are in trouble. Throughout America’s cities, more shade trees are dying than are being replaced. Scarce financial resources are being wasted on plantings that are doomed from the start, and life-extending practices such soil improvements, pruning and disease control are often neglected.**

**By contrast, communities that employ a professional to manage their trees are the big winners. In our community, native plants, trees and shrubs win big! They have lived here for thousands of years, without fertilizers, insecticides or watering (once established.) They survive drought, fire, heavy rains and all manner of bugs because natives are naturally resistant to them. These are features of our land.**

**Development is not likely to stop. So proper resource management should be key.**

**Better practices are needed –**

- **Pocket Rain Gardens**
- **Structured Wetlands**
- **A Managed Urban Forest (yes, from Canopy to Mycelium, maintenance too)**
- **Employ alternative and creative stormwater practices**
- **In summary, lets do some engineering *with* nature.**

## Outline of the NLTF plan

1. **Assess Mitigation fees**
2. **Assess Development Incentives using mitigation reimbursement to incentivize:**
  - **LID in any development**
  - **Contributions toward advancing Titusville's Urban Forest.**
  - **Promoting native habitats and conservation subdivision planning**
  - **Others?**
3. **Remainder of funds => a sustainable Urban Forest Management Program**
  - **Its what the Trust Fund funds with the remainder of the mitigation fees.**

### ➤ **Native Plant Mitigation Assessment – some considerations:**

- **Value of existing habitat and soil types**
  - Consider Environmental Value of existing Habitat(s) and Soil Types vs post development impacts
  - Consider the scenic heritage and natural beauty of Natural vs. Disturbed vs. Redeveloped lands
- **Hydrological services rendered -**
  - stormwater absorption
  - groundwater recharge
  - carbon capture
  - disturbance of the topology/mycelium
- **Endemic threatened or endangered Wildlife**
  - Can be inferred by soil/habitat type/loss
- **Nutrient load increases due to:**
  - Loss of vegetation => less transepiration => increased stormwater
  - Introduction of fertilizers, pesticides, herbicides, or *any* chemical available for retail
  - New Sanitary Sewers means increased black water processing, potential effluent releases, and biosolid production
  - Increased freshwater flow into the estuary
- **Groundwater Resource Impacts**
  - Groundwater recharge is diminished due to impervious surface
  - Future groundwater reserves will be diminished due to this loss.
  - Increased potable water demands with population growth

## Native Plant Trust Fund Incentives

- **LID Development**
  - Recovers up to 50% of mitigation fee based on post development environment
- **Vouchered Brevard County Native Plants**
  - Recovers 0-25% of the mitigation fee when planting 30% to 80%, respectively of Brevard County Native plants vouchered in the Atlas of Florida Native Plants.
- **Florida Regional Native Plants**
  - Recovers 0-12.5% of the mitigation fee when planting 30% to 80% respectively, Florida Regionally Native Plants as vouchered in the Atlas of FNP
- **Non-Native or Exotic Plants not found in the following:**
  - **Federal Noxious Weed List** managed by USDA APHIS PP
  - **Florida Noxious Weed List** by the Florida Department of Agriculture and Consumer Services (FDACS)
  - **Florida Prohibited Aquatic Plant List** currently under the jurisdiction of FDACS (according to FDACS Rule 5B-64)
  - **Florida Exotic Pest Plant Council** ([FLEPPC](#)) [Plant List](#).
  - Recovers 0% of the mitigation fee.
- **Urban Forest Management**
  - Recovers the remainder of the Native Plant Trust Fund
  - Applies to:
    - Funding a year-round Urban Forest Management Program, which
      - Pays for a full time Urban Forester
        - Reports to the Tree Board
        - Oversees Community Tree Awareness Programs
        - Ensures fund resources are spent wisely
        - Initiates and Assists Volunteer Groups
          - e.g., TGC, FNPS, Forest Friends, etc.
        - Provides valuable, localized tree care
        - Train/Supervise city crews & contractors on ordinance compliance
        - Champions Tree Plantings and preservation of existing trees throughout the City
        - Works with engineers to protect trees during highway construction and road widening
      - Provides budget for Tree Board support of Community plantings
      - Funds Tree Board Activities, workshops, plan development, etc.
  - Implements the Tree Board's Urban Forest Plan

## Other Considerations?

## Outline of the plan

1. Assess Mitigation fees
2. Assess Development incentives
3. Remainder of funds => Urban Forest Management Trust Fund
4. Repeat

### ➤ Native Plant Mitigation Fees assessment – some considerations:

- **Value of existing habitat and soil types**
  - Consider Environmental Value of existing Habitat(s) and Soil Types vs post development impacts
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  - Implements the Tree Board's Urban Forest Plan

## Other Considerations?

**City of Titusville**  
"Gateway to Nature and Space"

REPORT TO COUNCIL

**To:** Members of the Titusville Environmental Commission  
**From:** Brad Parrish, Community Development Director  
**Subject:** **TEC By-laws**  
**Department/Office:** Planning

**Recommended Action:**

Approve or deny proposed By-Law edit

**Summary Explanation & Background:**

At the January meeting, Chair Myjack requested an opportunity to amend the order of business in the By-Laws. Amendments to the By-laws must be presented for discussion, in writing, at one meeting and voted upon at the next meeting [Article XV. Amendment of the By-Laws].

At the February meeting Chairman Myjak said he would like to have "Future Agenda Items" be added to the Order of Business. Vice Chairman Thompson made a motion to add Future Agenda Items to Article IX. Order of Business as the new number eleven. Member Tucker seconded. There was a unanimous voice vote in favor.

**Alternatives:**

**Item Budgeted:**

**Source/Use of Funds/Budget Book Page:**

**Strategic Plan:**

**Strategic Plan Impact:**

**ATTACHMENTS:**

1. TEC Bylaws Current Proposed 03-12-2024



**By-Laws**  
**Of**  
**The Titusville Environmental Commission**

***Article I. Duties and Powers***

The duties and powers of the Titusville Environmental Commission shall be those set forth in Section 31-121, Land Development Regulations, of the City of Titusville, as amended April 27, 1999.

***Article II. Membership***

Any member of the Commission who fails to attend three or more consecutive regular meetings (not including special or workshop meetings) shall automatically forfeit membership in the Commission and the Chairman shall so inform the City Council. Any member of the Commission who fails to attend more than fifty percent (50%) of the regular, special or workshop meetings of the Commission within a six (6) month period shall automatically forfeit membership on the Commission and the Chairman shall so inform the City Council. Upon the approval of the City Council, the Council may authorize a member to miss more than three (3) consecutive meetings or more than fifty percent (50%) of the regular, special or workshop meetings during a six (6) month period. All members shall abide by the Standards of Conduct set forth in Article III, Sections 2-51 and 2-53 of the Code of Ordinances.

Membership shall be in accord with the provisions of Section 31-122, Land Development Regulations, City of Titusville.

***Article III. Officers and their Duties***

A Chairman, who shall preside at all meetings and public hearings and shall have other duties as further prescribed in these By-laws.

A Vice-Chairman, who shall, in the absence of the Chairman or his inability to act, have the powers to function in the same capacity as the Chairman.

In the absence of the Chairman and Vice Chairman, the most senior regular member present shall preside over the meeting where a quorum is present.

***Article IV. Election of Officers and Vacancies***

In accordance with Section 31-122, Land Development Regulations of the City of Titusville, the Chairman and Vice-Chairman shall be elected by the Commission from its membership. Terms of office shall be for one (1) year. Elections shall be held annually at the regular meeting in November. The Commission shall, from its membership, fill any vacancy in these offices by election.

## **Article V. Meetings**

Section 1. Regular Titusville Environmental Commission meetings shall be held on the Wednesday following the second Tuesday of each month at 5:30p.m in the City Council Chambers. Any regular meeting may be adjourned to a definite date and time as established by four (4) concurring votes of Commission members.

Section 2. Adjourned, called, or special meetings may be held at any time, as required, subject to the call of the Chairman, or in his absence, by the Vice-Chairman. Upon written request of four (4) members, a special called meeting shall be held by the Chairman, or in his absence, by the Vice- Chairman, or in his absence, the most senior regular member shall have the authority to call a special meeting.

Section 3. Each member shall be notified of the date and time of each meeting by written notice or by telephone at least one week prior to the meeting. In cases where a meeting is cancelled, Commission members shall be notified at least 24 hours prior to the scheduled meeting.

Section 4. All meetings shall be open to the public. All agendas for the present meeting shall be posted on the bulletin board in the City Hall lobby.

## **Article VI. Quorum**

As set forth in Section 31-123 (b), Land Development Regulations, four (4) members shall constitute a quorum; and concurring vote of at least four (4) members shall be required to pass on any matter.

## **Article VII. Voting**

Section 1. Voting on all matters of business shall be by roll call or general consent. However, if the Commission is to make a recommendation to City Council, or other boards and commissions, the vote will be by roll call with the Recording Secretary recording the vote of each member in rotating order. The first roll call vote will begin with the Chairman followed by the Vice- Chairman, followed by the members (in alphabetical order) and rotating the order for each roll call vote following.

Section 2. No member present shall abstain from voting unless it is established that such member has a conflict of interest in the matter being voted upon.

## **Article VIII. Alternate Members**

The alternate members may serve on the commission in lieu of a regular member when said regular member is unable to attend an official meeting of the commission; or, when a regular member has a conflict of interest on any item, said alternate member shall serve for the entire meeting or for the particular item that is the subject matter of the said conflict. The Chairman shall designate which alternate

member shall serve. Alternate members may serve on standing or special committees.

## **Article IX. Order of Business**

Section 1. At regular meetings, the general order of business shall be as follows:

1. Call to order;
2. Roll call;
3. Determination of a quorum;
4. Pledge of Allegiance
5. Approval of minutes;
6. Petitions and requests from the public present (non-agenda items)
7. Old Business;
8. New Business;
9. Petitions and requests from the public present
10. Reports;
- 10.11. Future Agenda Items; and
- 11.12. Adjournment

Section 2. In order to provide an opportunity for discussion of business before the Commission, prior to the making of a motion the Chairman shall state the matter of business and then provide a period of discussion of the relevant facts. After a motion is made and seconded, the Chairman may ask for additional discussion prior to the vote.

Section 3. Citizens having business before the Commission shall be invited to speak immediately prior to discussion by the Commission on the matter with which they are concerned. If in the opinion of the Chairman time limitations are necessary in order to complete the agenda, the Chairman may place time limits for each speaker.

Section 4. The first and second petitions and requests from the public present will be an open forum. Citizens desiring to be heard under petitions and requests from the public present shall be limited to five (5) minutes unless extended by a majority vote of the commission.

Section 5. The order of business for called or special meeting shall be as follows:

1. Call to order;
2. Roll call;
3. Determination of a quorum;
4. Business that is the subject of the meeting; and
5. Adjournment;

## ***Article X. Minutes***

Minutes of all meetings shall be recorded by the Recording Secretary or designated representative; certified by the Recording Secretary after approval by the Commission; and become a public record of the proceedings of the meeting.

## ***Article XII. Committees***

The Chairman may appoint such committees as deemed necessary from time to time. The chairman shall be an ex-officio member on all committees but shall have no vote on the committee, unless he is an active member of that committee.

## ***Article XII. Hearings***

The Titusville Environmental Commission may hold public hearings when deemed expedient and necessary. Notice of such hearings shall be in accordance with the provisions of the City Charter and Code of Ordinances of the City of Titusville.

## ***Article XIII. Parliamentary Authority and Organization Procedure***

The rules contained in the latest available edition of Roberts Rules of Order are hereby adopted by the reference and shall apply at all meetings of the Commission and its committees, to the extent that such rules are not in conflict with these By-laws.

## ***Article XIV. Correspondence and Communications***

Section 1. Official communications of the Commission to the City Council shall be in writing. All original records, recommendations and reports shall be kept in the Commission files in City Hall.

Section 2. Any correspondence, notices (other than administrative procedures), communications, reports, studies, and plans originating from the Commission shall be authorized by the Commission members and signed by the Chairman.

## ***Article XV. Amendment***

Amendment to these By-laws must be presented for discussion, in writing, at one meeting and voted upon at the next meeting

**City of Titusville**  
"Gateway to Nature and Space"

REPORT TO COUNCIL

**To:** Members of the Titusville Environmental Commission  
**From:** Brad Parrish, Community Development Director  
**Subject:** **Fluoride in Drinking Water**  
**Department/Office:** Planning

**Recommended Action:**

No action is required.

**Summary Explanation & Background:**

Member Burdette provided a handout on fluoride in drinking water.

Member Burdette made a motion to add discussion of fluoride in drinking water to the March 12, 2025 Titusville Environmental Commission agenda. Member Young seconded. There was a unanimous voice vote in favor.

**Alternatives:**

**Item Budgeted:**

**Source/Use of Funds/Budget Book Page:**

**Strategic Plan:**

**Strategic Plan Impact:**

**ATTACHMENTS:**

1. Fluoride in Drinking Water

TEC Member Jonathan Burdette

12 February 2025

## Fluoride in Drinking Water

- **Dental Health Benefits:** The Centers for Disease Control and Prevention (CDC) and other public health organizations continue to affirm that fluoride in drinking water reduces dental cavities, particularly in children. The American Dental Association also supports its use at recommended levels.<sup>1</sup>
- **State-Level Guidance:** In November 2024, Florida's State Surgeon General, Dr. Joseph A. Ladapo, issued guidance recommending against community water fluoridation. This recommendation was based on concerns about potential neuropsychiatric risks associated with fluoride exposure, particularly in pregnant women and children. The guidance also highlighted the availability of alternative fluoride sources for dental health, such as toothpaste and mouth rinses.<sup>2</sup>
- **Cognitive Health Concerns:** Some newer studies, including a 2024 National Toxicology Program review, suggest that higher fluoride exposure could be linked to lower IQ scores in children. This has led to increasing debate over appropriate fluoride levels.<sup>3</sup>
- **Evolving Perspectives on Effectiveness:** A 2024 Cochrane review found that while fluoride remains effective in reducing cavities, its impact may not be as significant as in the past due to the widespread use of fluoride toothpaste and other dental health advancements. This raises questions about whether fluoridation remains the most necessary or efficient method for preventing tooth decay.<sup>4</sup>
- **Regulatory Considerations:** A U.S. District Court ruling in September 2024 directed the Environmental Protection Agency (EPA) to re-evaluate fluoride exposure risks, indicating a shift in how the issue is being addressed at the federal level.<sup>5</sup>
- **Kinds of Fluoridation:** It's important to note that three different compounds are used in water fluoridation, each with its own considerations: Sodium Fluoride (NaF), Fluorosilicic Acid ( $H_2SiF_6$ ), and Sodium Fluorosilicate ( $Na_2SiF_6$ ).<sup>6</sup>

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<sup>1</sup> Centers for Disease Control and Prevention. "About Fluoride." Last modified May 4, 2023.

<https://www.cdc.gov/oral-health/prevention/about-fluoride.html>.

<sup>2</sup> Florida Department of Health. "Guidance for Community Water Fluoridation." November 22, 2024.

[https://www.floridahealth.gov/\\_documents/newsroom/press-releases/2024/11/GUIDANCECommunityWaterFluoridation.pdf](https://www.floridahealth.gov/_documents/newsroom/press-releases/2024/11/GUIDANCECommunityWaterFluoridation.pdf).

<sup>3</sup> National Toxicology Program. "Systematic Review of Fluoride Exposure and Neurodevelopmental and Cognitive Health Effects." NTP.niehs.nih.gov

<sup>4</sup> Cochrane Oral Health Group. "Water fluoridation less effective now than in past."

<https://www.cochrane.org/news/water-fluoridation-less-effective-now-past>

<sup>5</sup> "Fluoride in Drinking Water Poses Enough Risk to Merit New EPA Action, Judge Says." AP News, September 24, 2024. <https://apnews.com/article/fluoride-ruling-drinking-water-ccdfa11138600ab0838ebf979cbaead2>.

<sup>6</sup> American Dental Association. "Fluoridation: Compounds Used." Accessed February 12, 2025.

<https://www.ada.org/resources/community-initiatives/fluoridation-compounds-used>.

**City of Titusville**  
"Gateway to Nature and Space"

REPORT TO COUNCIL

**To:** Members of the Titusville Environmental Commission

**From:**

**Subject:** **Chairman Report**

**Department/Office:** Planning

**Recommended Action:**

**Summary Explanation & Background:**

**Alternatives:**

**Item Budgeted:**

**Source/Use of Funds/Budget Book Page:**

**Strategic Plan:**

**Strategic Plan Impact:**

**ATTACHMENTS:**

None

**City of Titusville**  
"Gateway to Nature and Space"

REPORT TO COUNCIL

**To:** Members of the Titusville Environmental Commission

**From:**

**Subject:** **Member Reports**

**Department/Office:** Planning

**Recommended Action:**

**Summary Explanation & Background:**

**Alternatives:**

**Item Budgeted:**

**Source/Use of Funds/Budget Book Page:**

**Strategic Plan:**

**Strategic Plan Impact:**

**ATTACHMENTS:**

None