Representative Payne offered the following:

**Amendment**

Remove lines 1903-2017 and insert:

(a) The land application of biosolids is prohibited on any site that lacks a minimum unsaturated soil depth of 2 feet between the depth of biosolids placement and the water table level at the time the biosolids are applied to the land. A biosolids land application permittee may indicate the seasonal high ground water level for the application site by using soil survey maps. If the seasonal high ground water level is within 2 feet of the depth of biosolids placement or cannot be determined at the time of permitting, the water table level must be
determined in one or more representative locations in the application zone before each application of biosolids by measuring the water level in a water-table monitoring well or a piezometer.

(b) The department may not issue a new permit or renew an existing permit for the land application of biosolids for any site where the land application of biosolids is prohibited pursuant to paragraph (a).

(4) RULEMAKING.—

(a) Notwithstanding paragraph (3)(a), the department shall adopt rules for biosolids management to:

1. Permit the use of biosolids in a manner that minimizes the migration of nutrients, including nitrogen and phosphorus, that impair or contribute to the impairment of surface water and groundwater quality, including:
   a. Site-specific land application rates of biosolids based on soil characteristics, soil adsorption capacity, water table characteristics, hydrogeology, site use, and distance to surface water;
   b. An evaluation of the percentage of water-extractable phosphorus in all biosolids to determine the appropriate application rate;
   c. Criteria for low-, medium-, and high-risk sites that guide application practices and required water quality monitoring; and
2. Establish site-specific groundwater and surface water monitoring requirements.
   (b) The department shall initiate rulemaking by August 1, 2019.

(5) WATER QUALITY MONITORING.—The department shall implement an offsite water quality monitoring program sufficient to determine impacts from the land application of biosolids on downstream and nearby surface water and groundwater quality.

(6) BIOSOLIDS ALTERNATIVE MANAGEMENT TECHNICAL ADVISORY COMMITTEE.—
   (a) The biosolids alternative management technical advisory committee, a committee as defined in s. 20.03(8), is created within the department for the purpose of reviewing the recommendations of the biosolids technical advisory committee, the costs and impacts of proposed future regulation of the land application of biosolids, the identification of alternative management approaches, and the identification of new biosolids processing technologies.
   (b) The secretary shall appoint nine members to the biosolids alternative management technical advisory committee. The chair of the committee shall be a representative of the department. The committee shall consist of the following members:
      1. A representative from a wastewater facility that applies biosolids on land.
2. A representative from a wastewater facility that uses an alternative biosolids disposal method.

3. An agricultural representative who is knowledgeable of biosolids land application.

4. A representative from a nonuniversity, public or private environmental organization.

5. A representative from a university or educational institution who is knowledgeable of alternative biosolids uses or disposal methods.

6. A biosolids hauler.

7. A representative from local government.

8. A professional engineer who is experienced in biosolids management.

(c) The biosolids alternative management technical advisory committee shall:

1. Conduct its first meeting on or before August 1, 2019;

2. Conduct at least three meetings for the purpose of receiving input from the public regarding alternative management approaches and the identification of biosolids processing technologies. At least 7 days before each public meeting, notice of the time, date, and location of the meeting shall be published in the Florida Administrative Register; and

3. Conduct additional meetings as often as necessary in order to fulfill its responsibilities under this subsection. Any
additional meetings may be conducted in person, by
teleconference, or by any other electronic means.

(d) In evaluating the costs and impacts of the land
application of biosolids, the identification of alternative
management approaches, and the identification of biosolids
processing technologies, the biosolids alternative management
technical advisory committee must consider:

1. The existing costs associated with the land application
of biosolids;

2. The costs related to the elimination of land
application of biosolids;

3. The alternative processing technologies available for
biosolids management; and

4. Identification of new alternative technologies for
biosolids management.

(e) By July 1, 2020, the biosolids alternative management
technical advisory committee shall submit a report of its
findings and recommendations to the Governor, the President of
the Senate, and the Speaker of the House of Representatives.

(f) This subsection expires July 15, 2020.

(7) APPLICABILITY.—

(a) This section does not conflict with or supersede s.
373.4595 or s. 373.811.
(b) This section does not apply to Class AA biosolids that are marketed and distributed as fertilizer products in accordance with department rule.

(c)(1) This section does not preempt a municipality or county from enforcing or extending an ordinance, regulation, resolution, rule, moratorium, or policy adopted before February 1, 2019, relating to the land application of Class B biosolids until the ordinance, regulation, resolution, rule, moratorium, or policy is repealed by the municipality or county or until the effective date of the rules adopted by the department pursuant to subsection (4).

2. Upon the effective date of the rules adopted by the department pursuant to subsection (4), a municipality or county may not adopt or enforce any ordinance, regulation, resolution, rule, moratorium, or policy relating to the land application biosolids.