

Bill No. CS for SB 2288

Amendment No. ____

<u>Senate</u>	CHAMBER ACTION	<u>House</u>
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Senator Jones moved the following amendment:

Senate Amendment (with title amendment)

On page 23, between lines 29 and 30,

insert:

Section 4. Notwithstanding any provision of chapter 380, part I, to the contrary, a local government within the Florida Keys area of critical state concern may enact an ordinance that:

(1) Requires connection to a central sewerage system within 30 days of notice of availability of services; and

(2) Provides a definition of onsite sewage treatment and disposal systems that does not exclude package sewage treatment facilities if such facilities are in full compliance with all regulatory requirements and treat sewage to advanced wastewater treatment standards or utilize effluent reuse as their primary method of effluent disposal.

Section 5. Definition of terms used in this act.--As used in this act, the term "existing" means permitted by the Department of Environmental Protection or the Department of

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1 Health as of the effective date of this act.

2 Section 6. Sewage requirements in Monroe County.--

3 (1) The provisions of this section apply to all sewage
4 treatment, reuse, and disposal facilities and all onsite
5 sewage treatment and disposal systems in Monroe County, except
6 as provided in subsection (8):

7 (2) No new or expanded discharges shall be allowed
8 into surface waters.

9 (3) Existing surface water discharges shall be
10 eliminated before July 1, 2006.

11 (4) Existing sewage facilities that discharge to other
12 than surface waters and existing onsite sewage treatment and
13 disposal systems shall cease discharge or shall comply with
14 the applicable treatment requirements of subsection (6) by
15 July 1, 2010, and with the rules of the Department of
16 Environmental Protection or the Department of Health, as
17 applicable.

18 (5) All new or expanded discharges into other than
19 surface waters and all onsite sewage treatment and disposal
20 systems permitted after the effective date of this act shall
21 comply with the requirements of subsection (6) and with the
22 rules of the Department of Environmental Protection or the
23 Department of Health, as applicable.

24 (6)(a) Sewage facilities with design capacities
25 greater than or equal to 100,000 gallons per day that do not
26 discharge to surface waters shall provide basic disinfection
27 as defined by Department of Environmental Protection rule and
28 the level of treatment that will produce an effluent that
29 contains not more, on a permitted annual average basis, than
30 the following concentrations:

31 1. Biochemical Oxygen Demand (CBOD5) of 5 mg/l.

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- 1 2. Suspended Solids of 5 mg/l.
- 2 3. Total Nitrogen, expressed as N, of 3 mg/l.
- 3 4. Total Phosphorus, expressed as P, of 1 mg/l.

4 (b) Sewage facilities with design capacities less than
5 100,000 gallons per day that do not discharge to surface
6 waters shall provide basic disinfection as defined by
7 Department of Environmental Protection rule and the level of
8 treatment that will produce an effluent that contains not
9 more, on a permitted annual average basis, than the following
10 concentrations:

- 11 1. Biochemical Oxygen Demand (CBOD5) of 10 mg/l.
- 12 2. Suspended Solids of 10 mg/l.
- 13 3. Total Nitrogen, expressed as N, of 10 mg/l.
- 14 4. Total Phosphorus, expressed as P, of 1 mg/l.

15 (c) Onsite sewage treatment and disposal systems shall
16 provide the level of treatment that will produce an effluent
17 that contains not more, on a permitted annual average basis,
18 than the following concentrations:

- 19 1. Biochemical Oxygen Demand (CBOD5) of 10 mg/l.
- 20 2. Suspended Solids of 10 mg/l.
- 21 3. Total Nitrogen, expressed as N, of 10 mg/l.
- 22 4. Total Phosphorus, expressed as P, of 1 mg/l.

23
24 In addition, onsite sewage treatment and disposal systems
25 discharging to injection wells shall provide basic
26 disinfection as defined by Department of Health rule.

27 (7) Class V injection wells, as defined by Department
28 of Environmental Protection or Department of Health rule,
29 shall meet the following requirements and shall otherwise
30 comply with Department of Environmental Protection or
31 Department of Health rules, as applicable:

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1 (a) If the design capacity of the facility is less
2 than 1,000,000 gallons per day, the injection well shall be at
3 least 90 feet deep and cased to a minimum depth of 60 feet or
4 to such greater cased depth and total well depth as may be
5 required by Department of Environmental Protection rule.

6 (b) If the design capacity of the facility is equal to
7 or greater than 1,000,000 gallons per day, the injection well
8 shall be cased to a minimum depth of 2,000 feet or to such
9 greater depth as may be required by Department of
10 Environmental Protection rule.

11 (8) The requirements of subsections (2)-(7) do not
12 apply to the following:

13 (a) Class 1 injection wells as defined by Department
14 of Environmental Protection rule, including any authorized
15 mechanical integrity tests.

16 (b) Authorized mechanical integrity tests associated
17 with Class V wells as defined by Department of Environmental
18 Protection rule.

19 (c) The following types of reuse systems authorized by
20 Department of Environmental Protection domestic wastewater
21 rules:

- 22 1. Slow-rate land application systems;
23 2. Industrial uses of reclaimed water; and
24 3. Use of reclaimed water for toilet flushing, fire
25 protection, vehicle washing, construction dust control, and
26 decorative water features.

27
28 However, disposal systems serving as backups to reuse systems
29 shall comply with the other provisions of this act.

30 (9) If it is demonstrated that a discharge, even if it
31 is otherwise in compliance with this act or chapter 403,

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1 Florida Statutes, will cause or contribute to a violation of
2 state water quality standards, the Department of Environmental
3 Protection shall:

4 (a) Require more stringent effluent limitations;

5 (b) Order the point or method of discharge changed;

6 (c) Limit the duration or volume of the discharge; or

7 (d) Prohibit the discharge.

8 (10) All sewage treatment facilities shall monitor
9 effluent for total nitrogen and total phosphorus concentration
10 as required by Department of Environmental Protection rule
11 beginning October 1, 1999. All onsite sewage treatment and
12 disposal systems issued a construction permit after the
13 effective date of this act shall be monitored for total
14 nitrogen and total phosphorus concentrations as required by
15 Department of Health rule.

16 (11) The Department of Environmental Protection shall
17 require the levels of operator certification and staffing
18 necessary to ensure proper operation and maintenance of sewage
19 facilities. The Department of Health shall ensure proper
20 operation and maintenance of onsite sewage treatment and
21 disposal systems.

22 (12) The Department of Environmental Protection and
23 the Department of Health shall adopt rules necessary to carry
24 out the provisions of this act.

25 Section 7. No later than January 1, 2003, the
26 Department of Environmental Protection and the Department of
27 Health shall report to the Governor, the President of the
28 Senate, and the Speaker of the House on the then current state
29 of sewage treatment technology. The report shall address the
30 treatment capabilities and operational and maintenance
31 requirements of various sizes and types of sewage facilities

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1 and onsite sewage treatment and disposal systems, with special
 2 attention given to individual systems and facilities designed
 3 to treat 100,000 gallons per day or less of sewage. The
 4 report shall also address the status of research on the fate
 5 and transport of nutrients after injection, and shall provide
 6 an overall assessment of water quality in Monroe County and
 7 include recommendations for changes to the sewage collection,
 8 treatment, and disposal requirements in Monroe County.

9 Section 8. No later than January 1, 2003, Monroe
 10 County and the Florida Keys Aqueduct Authority shall report to
 11 the Governor, the President of the Senate, and the Speaker of
 12 the House of Representatives on the implementation of charges,
 13 fees, and assessments related to sewage collection, treatment,
 14 and disposal in Monroe County, and on implementation of the
 15 Monroe County Wastewater Master Plan.

16
 17 (Redesignate subsequent sections.)

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20 ===== T I T L E A M E N D M E N T =====

21 And the title is amended as follows:

22 On page 1, line 12, after the semicolon,
 23
 24 insert:
 25 specifying ordinances which may be enacted by a
 26 local government within the Florida Keys area
 27 of critical state concern; providing a
 28 definition; providing specified sewage
 29 treatment and disposal system requirements in
 30 Monroe County; requiring the Department of
 31 Environmental Protection and the Department of

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1 Health to adopt specified rules; requiring
2 specified reports;
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