Second Regular Session Sixty-eighth General Assembly STATE OF COLORADO

PREAMENDED

This Unofficial Version Includes Committee Amendments Not Yet Adopted on Second Reading

LLS NO. 12-0347.03 Thomas Morris x4218

HOUSE BILL 12-1126

HOUSE SPONSORSHIP

Gerou,

SENATE SPONSORSHIP

(None),

House Committees
Health and Environment
Appropriations

Senate Committees

A BILL FOR AN ACT

101 CONCERNING ON-SITE WASTEWATER TREATMENT SYSTEMS.

Bill Summary

(Note: This summary applies to this bill as introduced and does not reflect any amendments that may be subsequently adopted. If this bill passes third reading in the house of introduction, a bill summary that applies to the reengrossed version of this bill will be available at http://www.leg.state.co.us/billsummaries.)

The bill modernizes and simplifies the laws related to individual sewage treatment systems. **Section 1** of the bill:

- ! Replaces the terms "individual sewage disposal system" (or "ISDS") with "on-site wastewater treatment system" (or "OWTS") and updates other OWTS-related terms and definitions;
- ! Eliminates references to disposal of sewage to more

- accurately convey that sewage is treated;
- ! Explicitly authorizes performance-based approaches to the regulation of OWTSs;
- ! Requires the division of administration in the department of public health and environment (department) to periodically advise the water quality control commission (commission) in the department regarding whether the commission should consider adopting new rules to reflect scientific advances in OWTSs;
- ! Removes specific topics and parameters for which the commission and local boards of health are required to promulgate rules, thus allowing those entities greater regulatory flexibility to regulate OWTSs;
- ! Reorganizes existing law for increased clarity, including relocating provisions pertaining to the issuance of variances from OWTS rules;
- ! Withdraws from local boards of health, and places within the purview of the commission, the authority to specify by rule mandatory tests that must be performed on OWTSs and allows local boards of health to adopt rules requiring additional studies;
- ! Strikes references to a distinct "emergency use permit" and instead incorporates the ability of a local public health agency to allow use of a malfunctioning OWTS under the terms of, and concurrent with, a repair permit;
- ! Condenses language pertaining to fees that a local board of health may collect for OWTS-related services, and allows the amount of such fees to be sufficient to offset the indirect costs (in addition to direct costs) incurred; and
- ! Repeals specific provisions relating to, while reaffirming, the authority of a local board of health to prohibit permits for an OWTS when the OWTS will constitute a hazard to public health or water quality.

Sections 2 through 8 contain conforming amendments.

- Be it enacted by the General Assembly of the State of Colorado:
 SECTION 1. In Colorado Revised Statutes, amend article 10 of
- 3 title 25 as follows:
- 4 ARTICLE 10
- 5 On-site Wastewater Treatment Systems Act

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1	25-10-101. Short title. This article shall be known and may be				
2	cited as the "Individual Sewage Disposal "On-SITE WASTEWATER				
3	TREATMENT Systems Act".				
4	$\textbf{25-10-102. Legislative declaration.} (1) \ \textbf{THE GENERAL ASSEMBLY}$				
5	DECLARES IT TO BE IN THE PUBLIC INTEREST TO ESTABLISH MINIMUM				
6	STANDARDS AND RULES FOR ON-SITE WASTEWATER TREATMENT SYSTEMS				
7	IN THE STATE AND TO PROVIDE THE AUTHORITY FOR THE ADMINISTRATION				
8	AND ENFORCEMENT OF THOSE MINIMUM STANDARDS AND RULES:				
9	(a) In order To preserve the environment and protect the public				
10	health and water quality;				
11	(b) To eliminate and control causes of disease, infection, and				
12	aerosol contamination; and				
13	(c) To reduce and control the pollution of the air, land, and water.				
14	it is declared to be in the public interest to establish minimum standards				
15	and rules for individual sewage disposal systems in the state of Colorado				
16	and to provide the authority for the administration and enforcement of				
17	such minimum standards and rules.				
18	25-10-103. Definitions. As used in this article, unless the context				
19	otherwise requires:				
20	(1) "Absorption system" means a leaching field and adjacent soils				
21	or other system for the treatment of sewage in an individual sewage				
22	disposal ON-SITE WASTEWATER TREATMENT system by means of				
23	absorption into the ground.				
24	(2) "Applicant" means any A person who submits an application				
25	for a permit for an individual sewage disposal ON-SITE WASTEWATER				
26	TREATMENT system.				
27	(3) "Cesspool" means an unlined or partially lined				

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1	UNDERGROUND PIT OR UNDERGROUND PERFORATED RECEPTACLE INTO
2	WHICH RAW HOUSEHOLD WASTEWATER IS DISCHARGED AND FROM WHICH
3	THE LIQUID SEEPS INTO THE SURROUNDING SOIL. "CESSPOOL" DOES NOT
4	INCLUDE A SEPTIC TANK.
5	(2.5) (4) "Commission" means the water quality control
6	commission created by section 25-8-201.
7	(3) (5) "Department" means the department of public health and
8	environment of the state of Colorado created by section 25-1-102.
9	(4) "Dispersal system" means a system for the disposal of effluent,
10	after final treatment in an individual sewage disposal system, by a method
11	that does not depend upon or utilize the treatment capability of the soil.
12	(5) (6) "Division" means the division of administration of the
13	department.
14	(6)(7) "Effluent" means the liquid waste discharge from FLOWING
15	OUT OF A COMPONENT OR DEVICE OF an individual sewage disposal
16	ON-SITE WASTEWATER TREATMENT system.
17	(7) (8) "Environmental health specialist" means a person who is
18	trained in physical, biological, or sanitary science to carry out educational
19	and inspectional duties in the field of environmental health.
20	(8) "Guidelines for rules" means guidelines for individual sewage
21	disposal systems adopted and revised by the commission pursuant to the
22	authority granted to the commission under this article.
23	(9) "Health officer" means the chief administrative and executive
24	officer of a local PUBLIC health department AGENCY, or the appointed
25	health officer of the local board of health. "HEALTH OFFICER" INCLUDES
26	A DIRECTOR OF A LOCAL PUBLIC HEALTH AGENCY.
27	(10) "Individual sewage disposal system" or "ISDS" and the term

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1	"system" where the context so indicates mean an absorption system of any				
2	size or flow or a system or facility for treating, neutralizing, stabilizing,				
3	or disposing of sewage that is not a part of or connected to a sewage				
4	treatment works.				
5	(11) (10) "Local board of health" means any local, county, or				
6	district board of health.				
7	(12) (11) "Local PUBLIC health department or agency" means any				
8	county, district, or municipal public health agency and may include a				
9	county, district, or municipal board of health or local agency delegated by				
10	a county, district, or municipal board of health to oversee ISDS OWTS				
11	permitting and inspection or an ISDS OWTS program.				
12	(12) "On-site wastewater treatment system" or "OWTS"				
13	AND, WHERE THE CONTEXT SO INDICATES, THE TERM "SYSTEM", MEANS AN				
14	ABSORPTION SYSTEM OF ANY SIZE OR FLOW OR A SYSTEM OR FACILITY FOR				
15	TREATING, NEUTRALIZING, STABILIZING, OR DISPERSING SEWAGE				
16	GENERATED IN THE VICINITY, WHICH SYSTEM IS NOT A PART OF OR				
17	CONNECTED TO A SEWAGE TREATMENT WORKS.				
18	(13) "Percolation test" means a subsurface soil test at the depth of				
19	a proposed absorption system or similar component of an individual				
20	sewage disposal ON-SITE WASTEWATER TREATMENT system to determine				
21	the water absorption capability of the soil, the results of which are				
22	normally expressed as the rate at which one inch of water is absorbed.				
23	(14) "Permit" means a permit for the construction or alteration,				
24	installation, and use or for the repair of an individual sewage disposal				
25	ON-SITE WASTEWATER TREATMENT system.				
26	(15) "Person" means an individual, partnership, firm, corporation,				
27	association, or other legal entity and also the state, any political				

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1	subdivision thereof, or other governmental entity.					
2	(16) "Professional engineer" means an engineer licensed in					
3	accordance with part 1 of article 25 of title 12, C.R.S.					
4	(17) "Sanitarian" means a person who is trained in physical,					
5	biological, and sanitary sciences to carry out inspectional and educational					
6	duties in the field of environmental sanitation.					
7	(18) (17) "Septage" means a liquid or semisolid that includes					
8	normal household wastes, human excreta, and animal or vegetable matter					
9	in suspension or solution generated from a residential septic tank system.					
10	"Septage" may include such material issued from a commercial					
11	establishment if the commercial establishment can demonstrate to the					
12	department that such the material meets the definition for septage set					
13	forth in this subsection (18) (17). "Septage" does not include chemical					
14	toilet residuals.					
15	(18) "SEPTIC TANK" MEANS A WATERTIGHT, ACCESSIBLE, COVERED					
16	RECEPTACLE DESIGNED AND CONSTRUCTED TO RECEIVE SEWAGE FROM A					
17	BUILDING SEWER, SETTLE SOLIDS FROM THE LIQUID, DIGEST ORGANIC					
18	MATTER, STORE DIGESTED SOLIDS THROUGH A PERIOD OF RETENTION, AND					
19	ALLOW THE CLARIFIED LIQUIDS TO DISCHARGE TO OTHER TREATMENT					
20	UNITS FOR FINAL DISPOSAL.					
21	(19) "Sewage" means a combination of liquid wastes that may					
22	include chemicals, house wastes, human excreta, animal or vegetable					
23	matter in suspension or solution, and other solids in suspension or					
24	solution, and that is discharged from a dwelling, building, or other					
25	establishment.					
26	(20) "Sewage treatment works" means a system or facility for					
27	treating, neutralizing, stabilizing, or disposing of sewage, which system					

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I	or facility has a designed capacity to receive more than two thousand
2	gallons of sewage per day. The term "sewage treatment works" includes
3	appurtenances such as interceptors, collection lines, outfall and outlet
4	sewers, pumping stations, and related equipment HAS THE SAME MEANING
5	AS "DOMESTIC WASTEWATER TREATMENT WORKS" UNDER SECTION
6	25-8-103.
7	(21) (Deleted by amendment, L. 2006, p. 1129, § 6, effective July
8	1, 2006.)
9	(21) "SOIL EVALUATION" MEANS A PERCOLATION TEST, SOIL
10	PROFILE, OR OTHER SUBSURFACE SOIL ANALYSIS AT THE DEPTH OF A
11	PROPOSED SOIL TREATMENT AREA OR SIMILAR COMPONENT OR SYSTEM TO
12	DETERMINE THE WATER ABSORPTION CAPABILITY OF THE SOIL, THE
13	RESULTS OF WHICH ARE NORMALLY EXPRESSED AS THE RATE AT WHICH
14	ONE INCH OF WATER IS ABSORBED OR AS AN APPLICATION RATE OF
15	GALLONS PER SQUARE FOOT PER DAY.
16	(22) "SOIL TREATMENT AREA" MEANS THE PHYSICAL LOCATION
17	WHERE FINAL TREATMENT AND DISPERSAL OF EFFLUENT OCCURS. "SOIL
18	TREATMENT AREA" INCLUDES DRAINFIELDS AND DRIP FIELDS.
19	(22) (23) "State waters" means any and all surface and subsurface
20	waters that are contained in or flow in or through this state, except waters
21	in sewerage systems, waters in treatment works of disposal systems,
22	waters in potable water distribution systems, and all waters withdrawn for
23	use, until all uses and treatment have been completed HAS THE MEANING
24	SET FORTH UNDER SECTION 25-8-103.
25	(23) (24) "Systems cleaner" means a person engaged in and who
26	holds himself or herself out as a specialist in the cleaning and pumping
27	of sewage disposal ON-SITE WASTEWATER TREATMENT systems and

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removal of the residues deposited in the operation thereof.

(24) (25) "Systems contractor" means a person engaged in and who holds himself or herself out as a specialist in the installation, renovation, and repair of sewage disposal ON-SITE WASTEWATER TREATMENT systems.

- state and local rules. (1) The division shall develop, and RECOMMEND TO the commission shall adopt guidelines for ADOPTION, rules providing SETTING FORTH minimum standards for the location, DESIGN, construction, performance, installation, alteration, and use of individual sewage disposal ON-SITE WASTEWATER TREATMENT systems within the state of Colorado. The commission may establish criteria for issuing variances in such guidelines. Such guidelines shall comply with section 25-10-105, and shall be the basis for the adoption of detailed rules by local boards of health pursuant to subsection (2) of this section THE RULES.

(2) Every local board of health in the state shall develop and adopt DETAILED rules for individual sewage disposal systems ON-SITE WASTEWATER TREATMENT SYSTEMS within their respective areas ITS AREA of jurisdiction. Such THE rules shall MUST comply with the guidelines RULES adopted by the commission pursuant to subsection (1) of this section and with the minimum requirements set forth in sections 25-10-105 and 25-10-106. Before finally adopting such rules or any amendment thereto TO THE RULES, the local board of health shall hold a public hearing on the proposed rules or amendments. thereto. THE LOCAL BOARD OF HEALTH SHALL GIVE notice of the time and place of such THE

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hearing shall be given at least once, at least twenty days in advance thereof BEFORE THE HEARING, in a newspaper of general circulation within its area of jurisdiction. The local board of health may make changes or revisions in the proposed rules or amendments thereto, After the public hearing and prior to BEFORE final adoption, THE LOCAL BOARD OF HEALTH MAY MAKE CHANGES OR REVISIONS TO THE PROPOSED RULES OR AMENDMENTS, and no further public hearing shall be is required regarding such THE changes or revisions. All rules and amendments thereto shall MUST be transmitted to the department not NO later than five days after final adoption and shall become effective forty-five days after final adoption unless the department has sooner notified NOTIFIES the local board of health BEFORE THE FORTY-FIFTH DAY that the rules or amendments thereto are not in compliance with sections THIS SECTION OR SECTION 25-10-105 and OR 25-10-106.

(3) If a local board of health has not adopted rules in compliance with this section and submitted them to the commission, the commission shall then promulgate rules for such THE areas of the state for which no complying rules have been adopted, except for such areas as are serviced exclusively by a sewage treatment works. Rules FOR SUCH AREAS OF THE STATE promulgated by the commission shall MUST comply with the guidelines RULES ADOPTED UNDER SUBSECTION (1) OF THIS SECTION and minimum requirements set forth in sections 25-10-105 and 25-10-106. and shall THE RULES MUST be the same for all the areas of the state for which the commission promulgates such rules, except as may be appropriate to provide for differing geologic conditions.

(4) Rules may be adopted by A local board of health MAY ADOPT RULES after action by the commission under subsection (3) of this section,

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if such THE rules are adopted in compliance COMPLY with the procedural
requirements of subsection (2) of this section and are no less stringent
than those promulgated by the commission. Rules of the local board so
adopted shall then become effective only after they are transmitted to the
division and are found to be in compliance THE DIVISION DETERMINES
THAT THEY COMPLY with the provisions of this subsection (4) SECTION
and of sections 25-10-105 and 25-10-106.
(5) (Deleted by amendment, L. 97, p. 124, § 1, effective July 1,
1997.) IN PROMULGATING RULES UNDER THIS ARTICLE, THE COMMISSION
AND LOCAL BOARDS OF HEALTH SHALL GIVE CONSIDERATION TO THE
PROTECTION OF PUBLIC HEALTH AND WATER QUALITY.
(6) Fees authorized in this article shall be set at such amounts as
are deemed necessary to cover the actual and direct costs of the operation
of the ISDS program.
25-10-105. Minimum standards - variances. (1) Rules adopted
by local boards of health under section 25-10-104 (2) or (4) or
promulgated by the department under section 25-10-104 (3) shall (1)
govern all aspects of the performance, location, DESIGN, construction,
PERFORMANCE, alteration, installation, and use of individual sewage
disposal ON-SITE WASTEWATER TREATMENT systems and shall MUST
include as a minimum provisions regarding the following matters:
STANDARDS ESTABLISHED BY THE COMMISSION.
(a) Performance of soil percolation tests or other soil evaluation;
(b) Methods for calculating the maximum daily sewage flow,
(b) Methods for calculating the maximum daily sewage flow, which shall not exceed the capacity for which the system is designed;

capacities based on daily sewage flow, and construction standards for

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septic tanks, other types of holding or pretreatment tanks, building sewers and sewer lines, grease traps, distribution boxes, and serial distribution systems;

- (d) Minimum distances from the various components of a system to pertinent features, including: Streams, lakes, watercourses, springs, wells, subsoil drains, cisterns, water lines, suction lines, gulches, dwellings, other occupied buildings, property lines, groundwater, and bedrock;
- (e) For systems treating and disposing of effluent through an absorption system: Methods for calculating minimum absorption area for various types of individual sewage disposal systems and design criteria and construction standards for such systems;
- (f) Provisions indicating when an individual sewage disposal system must be designed by a professional engineer and approved by the local health department;
- (g) For systems disposing of effluent into state waters: Procedures for obtaining site location approval and discharge permits; general design criteria; adoption of effluent standards; requirement of design by a professional engineer; and mandatory review by the local health department of each application for such a system;
- (h) For systems disposing of effluent by discharge upon the surface of the ground: Specific performance criteria to ensure that such surface discharge does not drain from the property on which the system is located, except by permit from the local board of health, and does not otherwise create a hazard to public health or water quality or constitute a nuisance or undue risk of pollution; requirement of design by a professional engineer; and mandatory review by the local health

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1	department of each application for such a system;			
2	(i) Design criteria and construction standards for vaults; for			
3	privies and slit trenches, either of which may be prohibited at the option			
4	of the local health department; for incineration toilets, and chemical			
5	toilets; and for graywater limited to disposal of wastewater from sinks,			
6	lavatories, tubs, and showers;			
7	(j) Performance criteria and construction standards for			
8	evapotranspiration systems that dispose of effluent into the air by			
9	evaporation from a soil surface or transpiration of plants;			
10	(k) Performance criteria and construction standards for systems			
11	that dispose of effluent by means of dispersal systems;			
12	(1) Performance criteria and construction standards for systems			
13	that service commercial, business, institutional, or industrial property or			
14	multifamily dwellings; requirement of design by a professional engineer;			
15	and mandatory review by the local health department of each application			
16	for such a system;			
17	(m) If a local board of health is a separate governmental entity			
18	from any general purpose government, a provision:			
19	(I) Requiring the local board of health to notify the local general			
20	purpose government responsible for issuing building permits whenever			
21	the local board of health intends to approve an application for an			
22	individual sewage disposal system; and			
23	(II) Requiring the local board of health to provide an opportunity			
24	for comment by such local general purpose government.			
25	(2) (a) A local board of health shall have authority to MAY grant			
26	variances to ISDS OWTS rules in accordance with the guidelines for			
27	rules CRITERIA adopted and revised by the commission pursuant to the			

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authority granted to the commission under this article.

(b) Applicants for a variance from the provisions of ISDS OWTS rules shall have the burden of supplying the agency LOCAL BOARD OF HEALTH with information demonstrating that conditions exist that warrant the granting of a THE variance.

- **25-10-106. Basic rules for local administration.** (1) Rules adopted by Local boards of health under section 25-10-104 (2) or (4) or promulgated by the department under section 25-10-104 (3) COMMISSION, AS APPROPRIATE, shall govern ADOPT RULES UNDER SECTION 25-10-104 THAT GOVERN all aspects of the application for and issuance of permits, the inspection testing, and supervision of installed systems, the issuance of cease-and-desist orders, the maintenance and cleaning of systems, and the disposal of waste material. and shall as THE RULES MUST, AT a minimum, include provisions regarding: the following matters:
- (a) Procedures by which application A PERSON may be made APPLY for the issuance of a permit for an individual sewage disposal ON-SITE WASTEWATER TREATMENT system. The PERMIT application for a permit shall MUST be in writing and shall MUST include such ANY information, data, plans, specifications, statements, and commitments as may be required by the local board of health in order to carry out the purposes of this article.
- (b) Review of the application and inspection of the proposed site by the local PUBLIC health department AGENCY;
- (c) Specification of mandatory tests to be performed by the local health department or under the supervision of a professional engineer, including percolation tests unless excused or previously performed by a professional engineer;

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(d) (c) Specification of additional tests STUDIES to be performed and reports to be made by the applicant and the circumstances under which such tests THE STUDIES or reports may be required by the local PUBLIC health department AGENCY;

- (e) (d) Determination on behalf of the local PUBLIC health department AGENCY by a sanitarian, an environmental health specialist or a professional engineer after review of the application, site inspection, test results, and other required information, whether the proposed system is in compliance COMPLIES with the requirements of THIS ARTICLE and the rules adopted under this article; and the
- (e) Issuance of a permit by the health officer or the health officer's designated representative if the proposed system is determined to be in compliance with the requirements of this article and the rules adopted under this article;
- (f) Review by the local board of health, upon request of an applicant, of applications denied by the local PUBLIC health department or agency;
- (g) The circumstances under which all applications shall be ARE subject to mandatory review by the local PUBLIC health department AGENCY to determine whether a permit shall issue;
- (h) Final inspection of a system to be made by the local PUBLIC health department AGENCY or its designated professional engineer after construction, installation, alteration, or repair work under a permit has been completed, but before the system is placed in use, to determine that the work has been performed in accordance with the permit and that the system is in compliance with this article and the rules adopted under this article;

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(i) Inspection of operating systems at reasonable times, and upon reasonable notice to the occupant of the property, to determine if the system is functioning in compliance with this article and the rules adopted under this article. Officials of the local PUBLIC health department shall be AGENCY ARE permitted to enter upon private property for purposes of conducting such inspections.

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(j) Issuance of a repair permit and an emergency use permit to the owner or occupant of property on which a system is not in compliance. Application for a repair permit shall be made by such AN owner or occupant SHALL APPLY to the local PUBLIC health department AGENCY FOR A REPAIR PERMIT within two business days after receiving notice from the local PUBLIC health department AGENCY that the system is not functioning in compliance with this article or the rules adopted under this article or otherwise constitutes a nuisance or hazard to public health or water quality. The permit shall provide for a reasonable period of time within which THE OWNER OR OCCUPANT MUST MAKE repairs, shall be made, at the end of which period the system shall be inspected by the local PUBLIC health department AGENCY SHALL INSPECT THE SYSTEM to insure ENSURE that it is functioning properly. Concurrently with the issuance of a repair permit, the local PUBLIC health department AGENCY may issue an emergency use permit authorizing AUTHORIZE THE continued use of a malfunctioning system on an emergency basis for a period not to exceed the period stated in the repair permit. Such an THE PERIOD OF emergency use permit may be extended, for good cause shown, in the event IF, THROUGH NO FAULT OF THE OWNER OR OCCUPANT, repairs may not be completed in the period stated in the repair permit through no fault of the owner or occupant AND ONLY IF THE OWNER OR OCCUPANT WILL

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CONTINUE TO MAKE REPAIRS TO THE SYSTEM.

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- (k) (I) Issuance of an order to cease and desist from the use of any ON-SITE WASTEWATER TREATMENT system or sewage treatment works that is found by the health officer not to be in compliance with this article or the rules adopted under this article or THAT otherwise to constitute CONSTITUTES a nuisance or a hazard to public health or water quality. Such an order may be issued only after a hearing that shall be IS conducted by the health officer not less than forty-eight hours after written notice thereof OF THE HEARING is given to the owner or occupant of the property on which the system is located and at which the owner and OR occupant may be present, with counsel, and be heard. The order shall MUST require that the owner or occupant bring the system into compliance or eliminate the nuisance or hazard within a reasonable period of time, not to exceed thirty days, or thereafter cease and desist from the use of the system. A cease-and-desist order issued by the health officer shall be IS reviewable in the district court for the county wherein IN WHICH the system is located and upon a petition filed not NO later than ten days after the order is issued.
- (II) For the purposes of this paragraph (k), any system or sewage treatment works that does not comply with any statute or rule of this title shall constitute CONSTITUTES a nuisance.
- (III) For the purposes of this paragraph (k), A sewage treatment works shall DOES not include any sewage treatment facility with a discharge permit issued pursuant to section 25-8-501.
- (l) Reasonable periodic collection and testing by the local PUBLIC health department AGENCY of effluent samples from individual sewage disposal ON-SITE WASTEWATER TREATMENT systems for which monitoring

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of effluent is necessary in order to insure ENSURE compliance with the provisions of this article or the rules adopted under this article. Such THE sampling may be required not more than two times a year, except when required by the health officer in conjunction with action taken pursuant to paragraph (k) of this subsection (1). THE LOCAL PUBLIC HEALTH AGENCY MAY CHARGE a fee not to exceed actual costs, plus locally established mileage reimbursement rates for each mile traveled from the principal office of the local PUBLIC health department AGENCY to the site of the system and return, may be charged by the local health department for each sample collected and tested, and payment of such charges may be stated in the permit for the system as a condition for its continued use. Any owner or occupant of property on which an individual sewage disposal ON-SITE WASTEWATER TREATMENT system is located may request the local PUBLIC health department AGENCY to collect and test an effluent sample from the system. The local PUBLIC health department AGENCY may, at its option, perform such collection and testing services, and it shall be IS entitled to charge a fee not to exceed actual costs, plus locally established mileage reimbursement rates for each mile traveled from the principal office of the local PUBLIC health department AGENCY to the site of the system and return, for each such sample so collected and tested.

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(m) At the option of the local board of health, maintenance and cleaning schedules and practices adequate to insure ENSURE proper functioning of various types of individual sewage disposal ON-SITE WASTEWATER TREATMENT systems. The local board of health may additionally require proof of proper maintenance and cleaning, in compliance with the schedule and practices adopted under this subsection (1), to be submitted periodically to the local PUBLIC health department

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AGENCY by the owner of the system.

(n) Disposal of septage at a site and in a manner that does not create a hazard to the public health, a nuisance, or an undue risk of pollution.

25-10-107. Fees. (1) A local board of health may set fees for permits. The permit fees may be no greater than required to offset the actual INDIRECT and direct cost COSTS of the local PUBLIC health department's AGENCY'S services. With respect to any permit, the LOCAL BOARD OF HEALTH SHALL SET THE fee for such THE permit shall be set so as to recover, as nearly as can be practically established, the costs associated with that permit, and may not TO exceed one thousand dollars. A local board of health may also set fees for soil evaluation and other services as requested by the applicant. Such fees may be no greater than required to offset the actual INDIRECT and direct costs of such services.

- (2) Local boards of health may set fees for percolation tests and other soil evaluation services that are performed by the local PUBLIC health department AGENCY. The fees may be no greater than required to offset the actual INDIRECT and direct cost COSTS of such services.
- (3) Effective July 1, 2007, In addition to the fees established in this section, the division may assess a fee of twenty-three dollars for each newly authorized individual sewage disposal PERMIT AUTHORIZED FOR A NEW, REPAIRED, OR UPGRADED ON-SITE WASTEWATER TREATMENT system. three dollars of which shall be retained by OF THAT FEE, the county in which the individual sewage disposal ON-SITE WASTEWATER TREATMENT system is to OR WILL be constructed LOCATED SHALL RETAIN THREE DOLLARS to cover the county's administrative costs, and twenty dollars of which shall be transmitted to the state treasurer, who shall deposit such

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1 THAT sum in the water quality control fund created in section 25-8-502 2 (1) (c).

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25-10-108. Performance evaluation and approval of systems **employing new technology.** (1) Upon application by A systems contractor, a professional engineer, or a manufacturer of individual sewage disposal ON-SITE WASTEWATER TREATMENT systems THAT EMPLOY NEW TECHNOLOGY MAY APPLY TO the division may FOR A DETERMINATION OF RELIABILITY OF THE SYSTEM. THE DIVISION MAY hold a public hearing to determine whether a THE particular design or type of system, based upon improvements or developments in the technology of sewage disposal and not otherwise provided for in paragraphs (e) to (k) of subsection (1) of section 25-10-105 TREATMENT, has established a record of performance reliability that would justify approval of applications for such systems by the health officer without mandatory review by the local board of health. If the division determines, based upon reasonable performance standards and criteria, that such reliability has been established, the division shall so notify each local board of health, and applications for permits for such THE systems may thereafter be acted upon by the health officer, the health officer's designated representative, or the local board of health's designated representative, in the same manner as applications for systems described in section $\frac{25-10-105}{(1)}$ (e) 25-10-106. The division shall not arbitrarily deny any person the right to a hearing on an application for a determination of reliability under the provisions of this section.

(2) Except for designs or types of systems that have been approved by the division pursuant to subsection (1) of this section, the local PUBLIC health department AGENCY may approve an application for

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a type of system not otherwise provided for in paragraphs (e) to (k) of subsection (1) of section 25-10-105 25-10-106, only if the system has been designed by a professional engineer and only if the application provides for the installation of a backup system, of a type described in said paragraphs or previously approved by the division under subsection (1) of this section, in the event of failure of the primary system. A local PUBLIC health department AGENCY shall not arbitrarily deny any person the right to consideration of an application for such a system and shall apply reasonable performance standards in determining whether to approve such an application.

25-10-109. Licensing of systems contractors and systems cleaners. (1) The local board of health may adopt rules that provide for the licensing of systems contractors. The Local Public Health Agency May charge a fee, not to exceed actual costs, may be charged by the local health department for the initial license of a systems contractor A fee not to exceed actual costs may be charged by the local health department and for a renewal of the license. Initial licensing and renewals thereof shall be for a period of not less than one year. The local board of health may revoke the license of a systems contractor for violation of the applicable provisions of this article or the rules adopted under this article or for other good cause shown, after a hearing conducted upon reasonable notice to the systems contractor and at which the systems contractor may be present, with counsel, and be heard.

(2) The local board of health may adopt rules that provide for the licensing of systems cleaners, pursuant to section 25-10-106 (1) 25-10-104 (2). THE LOCAL PUBLIC HEALTH AGENCY MAY CHARGE a fee, not to exceed actual costs, may be charged by the local health department

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for the initial license of a systems cleaner a fee not to exceed actual costs may be charged AND for the renewal of the license. Initial licensing and renewals thereof shall be for a period of not less than one year. The local board of health may suspend or revoke the license of a systems cleaner for violation of the applicable provisions of this article or the rules adopted under this article or for other good cause shown after a hearing conducted upon reasonable notice to the systems cleaner and at which the systems cleaner may be present, with counsel, and be heard.

25-10-110. Enforcement by local public health agencies and local boards of health. The primary responsibility for the enforcement of the provisions of this article and the rules adopted under this article shall lie LIES with local PUBLIC health departments AGENCIES and local boards of health. In the event that IF a local PUBLIC health department AGENCY or local board of health substantially fails to administer and enforce the provisions of this article and the rules adopted under this article, the department may assume such of the ANY functions of the local PUBLIC health department AGENCY or board of health as may be necessary to protect the public health and water quality.

25-10-111. Authority of local boards of health to deny permits for on-site wastewater treatment systems in unsuitable areas. The local board of health may conduct a public hearing, after written notice to all affected property owners as shown in the records of the county assessor and publication of notice in a newspaper of general circulation, at least ten days prior to the hearing, to consider the prohibition of permits for individual sewage disposal systems in defined areas that contain or are subdivided for a density of more than two dwelling units per acre. The local board of health may order such prohibition upon a finding that the

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construction and use of additional individual sewage disposal systems in the defined area will constitute a hazard to the public health or water quality. In such a hearing, the local board of health may request affected property owners to submit engineering and geological reports concerning the defined area and to provide a study of the economic feasibility of constructing a sewage treatment works NOTHING IN THIS ARTICLE PREEMPTS OR AFFECTS THE ABILITY OF A LOCAL BOARD OF HEALTH TO PROHIBIT ISSUANCE OF OWTS PERMITS, IN ACCORDANCE WITH APPLICABLE LAND USE LAWS AND PROCEDURES, FOR DEFINED AREAS IN WHICH THE LOCAL BOARD OF HEALTH DETERMINES THAT CONSTRUCTION AND USE OF ADDITIONAL ON-SITE WASTEWATER TREATMENT SYSTEMS MAY CONSTITUTE A HAZARD TO PUBLIC HEALTH OR WATER QUALITY. **25-10-112.** General prohibitions - rules. (1) No city, county, or

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city and county shall issue to any person:

(a) A permit to construct or remodel a building or structure that is not serviced by a sewage treatment works until THE LOCAL PUBLIC HEALTH AGENCY HAS ISSUED a permit for an individual sewage disposal ON-SITE WASTEWATER TREATMENT system; has been issued by the local health department. OR

(2) (b) No A city, county, or city and county occupancy permit shall be issued to any person for the use of a building that is not serviced by a sewage treatment works until THE LOCAL PUBLIC HEALTH AGENCY MAKES a final inspection of the individual sewage disposal ON-SITE WASTEWATER TREATMENT system, has been made by the local health department, as provided for in section 25-10-106 (1) (h), and the LOCAL PUBLIC HEALTH AGENCY APPROVES THE installation. has received the approval of the local health department.

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(3) No individual sewage disposal system presently in use that
does not comply with the provisions of section 25-10-105 (1) (e)
regarding minimum separation between the maximum seasonal level of
the groundwater table and the bottom of an absorption system shall be
permitted to remain in use without compliance with this article and the
rules adopted under this article.
(4) (2) Construction of NEW cesspools defined as covered
underground receptacles that receive untreated sewage from a building
and permit the untreated sewage to seep into surrounding soil, is
prohibited.
(5) (3) A PERSON SHALL not CONNECT more than one dwelling,
commercial, business, institutional, or industrial unit shall be connected
to the same individual sewage disposal ON-SITE WASTEWATER
TREATMENT system unless such multiple connection was specified in the
application submitted and in the permit issued for the system.
(6) (4) No person shall construct or maintain any dwelling or
other occupied structure that is not equipped with adequate facilities for
the sanitary disposal of sewage. without endangering the public health or
water quality.
(7) (5) All persons shall dispose of septage removed from
systems in the process of maintenance or cleaning at an approved site and
in an approved manner under this article.
25-10-113. Penalties. (1) Any person who commits any of the
following acts or violates any of the provisions of this article commits a
class 1 petty offense as defined AND SHALL BE PUNISHED AS PROVIDED in
section 18-1.3-503, C.R.S.:
(a) Constructs, alters, installs, or permits the use of any individual

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1	sewage disposal ON-SITE WASTEWATER TREATMENT system without first				
2	having applied APPLYING for and received RECEIVING a permit as				
3	provided for in section 25-10-105 (1) (g) or section 25-10-106 REQUIRED				
4	UNDER THIS ARTICLE;				
5	(b) Constructs, alters, or installs an individual sewage disposal				
6	ON-SITE WASTEWATER TREATMENT system in a manner that involves a				
7	knowing and material variation from the terms or specifications contained				
8	in the application, or permit, OR VARIANCE;				
9	(c) Violates the terms of a cease-and-desist order that has become				
10	final under the terms of section 25-10-106 (1) (k);				
11	(d) Conducts a business as a systems contractor without having				
12	obtained the license provided for in section 25-10-109 (1) in areas in				
13	which the local board of health has adopted licensing regulations pursuant				
14	to said THAT section;				
15	(e) Conducts a business as a systems cleaner without having				
16	obtained the license provided for in section 25-10-109 (2) in areas in				
17	which the local board of health has adopted licensing regulations pursuant				
18	to said THAT section;				
19	(f) Falsifies or maintains improper record-keeping concerning				
20	system cleaning activities not performed or performed improperly; or				
21	(g) Willfully fails to submit proof of proper maintenance and				
22	cleaning of a system as required by rules adopted pursuant to section				
23	25-10-106.				
24	(2) Upon a finding by the local board of health that a person is in				
25	violation of the provisions of this article or the OF rules adopted and				
26	promulgated pursuant to this article, the local board of health may assess				
27	a penalty of up to fifty dollars for each day of violation. In determining				

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1	the amount of the penalty to be assessed, the local board of health shall					
2	consider the seriousness of the danger to the health of the public caused					
3	by the violation, the duration of the violation, and whether the person has					
4	previously been determined to have committed a similar violation.					
5	(3) A person subject to a penalty assessed pursuant to subsection					
6	(2) of this section may appeal the penalty to the local board of health by					
7	requesting a hearing before the appropriate body. Such a THE request					
8	shall MUST be filed within thirty days after the penalty assessment is					
9	issued. A hearing before The local board of health pursuant to this					
10	subsection (3) shall be conducted SHALL CONDUCT A HEARING UPON THE					
11	REQUEST in accordance with section 24-4-105, C.R.S.					
12	SECTION 2. In Colorado Revised Statutes, 12-58-102, amend					
13	(5) (b) introductory portion and (5) (b) (III) as follows:					
14	12-58-102. Definitions. As used in this article, unless the context					
15	otherwise requires:					
16	(5) (b) Notwithstanding the provisions of paragraph (a) of this					
17	subsection (5), the following shall IS not be included within the definition					
18	of "plumbing":					
19	(III) Performance, location, construction, alteration, installation,					
20	and use of individual sewage disposal ON-SITE WASTEWATER TREATMENT					
21	systems pursuant to article 10 of title 25, C.R.S., which are located within					
22	a property line.					
23	SECTION 3. In Colorado Revised Statutes, 25-8-103, amend					
24	(1.4) as follows:					
25	25-8-103. Definitions. As used in this article, unless the context					
26	otherwise requires:					
27	(1.4) "Biosolids" means the accumulated residual product					

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1	resulting from a domestic wastewater treatment works or other domestic				
2	sources. "Biosolids" does not include grit or screenings from a				
3	wastewater treatment works or commercial and industrial septage or				
4	individual sewage disposal ON-SITE WASTEWATER TREATMENT systems				
5	as regulated by article 10 of this title.				
6	SECTION 4. In Colorado Revised Statutes, 25-8-202, amend (1)				
7	(m) as follows:				
8	25-8-202. Duties of commission - rules. (1) The commission				
9	shall develop and maintain a comprehensive and effective program for				
10	prevention, control, and abatement of water pollution and for water				
11	quality protection throughout the entire state and, to ensure provision of				
12	continuously safe drinking water by public water systems, and, in				
13	connection therewith, shall:				
14	(m) Adopt guidelines for rules providing minimum standards for				
15	the location, construction, performance, installation, alteration, and use				
16	of individual sewage disposal ON-SITE WASTEWATER TREATMENT systems				
17	within the state of Colorado, in accordance with section 25-10-104;				
18	SECTION 5. In Colorado Revised Statutes, 25-8-502, amend (1)				
19	(b.7) (I) and (1) (b.7) (II) as follows:				
20	25-8-502. Application - definitions - fees - water quality				
21	control fund - animal feeding operations fund - public participation				
22	- repeal. (1) (b.7) Effective July 1, 2007, in accordance with section				
23	25-8-702, the division may assess a fee upon a domestic wastewater				
24	treatment works, and all such fees shall be paid in advance of any work				
25	done in accordance with the following schedule:				
26	(I) Category 44 Wastewater site applications				
27	Subcategory 1 Wastewater treatment plants				

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1		(less than 100,000 gallons per	
2		day)	
3		new	\$ 7,738
4		expansion	\$ 6,191
5	Subcategory 2	Wastewater treatment plants	
6		(100,000 gallons to 999,999	
7		gallons per day)	
8		new	\$ 15,477
9		expansion	\$ 12,381
10	Subcategory 3	Wastewater treatment plants	
11		(1,000,000 gallons to	
12		9,999,999 gallons per day)	
13		new	\$ 23,215
14		expansion	\$ 18,572
15	Subcategory 4	Wastewater treatment plants	
16		(10,000,000 gallons per day	
17		or more)	
18		new	\$ 30,953
19		expansion	\$ 24,763
20	Subcategory 5	Lift stations (less than	
21		100,000 gallons per day)	
22		new	\$ 1,935
23		expansion	\$ 1,548
24	Subcategory 6	Lift stations (100,000	
25		gallons to 999,999 gallons	
26		per day)	
27		new	\$ 3,869

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1		expansion	\$ 3,095
2	Subcategory 7	Lift stations (1,000,000	
3		gallons to 9,999,999	
4		gallons per day)	
5		new	\$ 5,804
6		expansion	\$ 4,643
7	Subcategory 8	Lift stations (10,000,000	
8		gallons per day or more)	
9		new	\$ 7,738
10		expansion	\$ 6,191
11	Subcategory 9	Amendments to site	
12		applications concerning a	
13		change from gas chlorination	
14		to liquid chlorination or	
15		from any form of chlorination	
16		to ultraviolet light disinfection	
17		(less than 100,000 gallons per	
18		day)	\$ 451
19	Subcategory 10	Amendments to site applications	
20		concerning a change from gas	
21		chlorination to liquid chlorination	
22		or from any form of chlorination	
23		to ultraviolet light disinfection	
24		(100,000 gallons to 999,999	
25		gallons per day)	\$ 903
26	Subcategory 11	Amendments to site applications	
27		concerning a change from gas	

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1		chlorination to liquid chlorination	
2		or from any form of chlorination	
3		to ultraviolet light disinfection	
4		(1,000,000 gallons to 9,999,999	
5		gallons per day)	\$ 1,354
6	Subcategory 12	Amendments to site applications	
7		concerning a change from gas	
8		chlorination to liquid chlorination	
9		or from any form of chlorination	
10		to ultraviolet light disinfection	
11		(10,000,000 gallons per day or	
12		more)	\$ 1,806
13	Subcategory 13	Other amendments to site	
14		applications (less than 100,000	
15		gallons per day)	\$ 645
16	Subcategory 14	Other amendments to site	
17		applications (100,000 gallons to	
18		999,999 gallons per day)	\$ 1,290
19	Subcategory 15	Other amendments to site	
20		applications (1,000,000 gallons	
21		to 9,999,999 gallons per day)	\$ 1,935
22	Subcategory 16	Other amendments to site	
23		applications (10,000,000 gallons	
24		per day or more)	\$ 2,579
25	Subcategory 17	Individual sewage disposal	
26		On-site wastewater treatment	
27		systems	\$ 4,500

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1	Subcategory 18	Extension		\$ 650
2	Subcategory 19	Interceptors site application	S	\$ 1,300
3	Subcategory 20	Interceptor certifications		\$ 300
4	Subcategory 21	Outfall sewers		\$ 1,300
5	(II) Categor	ry 45 Wastewater design re	eview	
6	Subcategory 1	Wastewater treatment plants	S	
7		(less than 100,000 gallons		
8		per day)		
9			new	\$ 4,900
10		ez	xpansion	\$ 3,900
11	Subcategory 2	Wastewater treatment plants	3	
12		(100,000 gallons to 999,999)	
13		gallons per day)		
14			new	\$ 9,900
15		ez	xpansion	\$ 7,900
16	Subcategory 3	Wastewater treatment plants	3	
17		(1,000,000 gallons to 9,999	,999	
18		gallons per day)		
19			new	\$ 14,800
20		ex	pansion	\$ 11,800
21	Subcategory 4	Wastewater treatment plants	3	
22		(10,000,000 gallons per day		
23		or more)		
24			new	\$ 19,700
25		ex	pansion	\$ 15,800
26	Subcategory 5	Lift stations (less than		
27		100,000 gallons per day)		

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1		new	\$ 1,200
2		expansion	\$ 1,000
3	Subcategory 6	Lift stations (100,000	
4		gallons to 999,999 gallons	
5		per day)	
6		new	\$ 2,500
7		expansion	\$ 2,000
8	Subcategory 7	Lift stations (1,000,000	
9		gallons to 9,999,999 gallons	
10		per day)	
11		new	\$ 3,700
12		expansion	\$ 3,000
13	Subcategory 8	Lift stations (10,000,000	
14		gallons per day or more)	
15		new	\$ 4,900
16		expansion	\$ 3,900
17	Subcategory 9	Amendments to site	
18		applications concerning a	
19		change from gas chlorination	
20		to liquid chlorination or	
21		from any form of chlorination	
22		to ultraviolet light disinfection	
23		(less than 100,000 gallons per	
24		day)	\$ 500
25	Subcategory 10	Amendments to site applications	
26		concerning a change from gas	
27		chlorination to liquid chlorination	

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1		or from any form of chlorination	
2		to ultraviolet light disinfection	
3		(100,000 gallons to 999,999	
4		gallons per day)	\$ 1,000
5	Subcategory 11	Amendments to site applications	
6		concerning a change from gas	
7		chlorination to liquid chlorination	
8		or from any form of chlorination	
9		to ultraviolet light disinfection	
10		(1,000,000 gallons to 9,999,999	
11		gallons per day)	\$ 1,500
12	Subcategory 12	Amendments to site applications	
13		concerning a change from gas	
14		chlorination to liquid chlorination	
15		or from any form of chlorination	
16		to ultraviolet light disinfection	
17		(10,000,000 gallons per day or	
18		more)	\$ 2,000
19	Subcategory 13	Other amendments to site	
20		applications (less than 100,000	
21		gallons per day)	\$ 700
22	Subcategory 14	Other amendments to site	
23		applications (100,000 gallons	
24		to 999,999 gallons per day)	\$ 1,400
25	Subcategory 15	Other amendments to site	
26		applications (1,000,000 gallons	
27		to 9,999,999 gallons per day)	\$ 2,100

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1	Subcategory 16	Other amendments to site		
2		applications (10,000,000 gallons		
3		per day or more)	\$	2,800
4	Subcategory 17	Individual sewage disposal		
5		ON-SITE WASTEWATER TREATMENT		
6		systems	\$	3,000
7	Subcategory 18	Interceptors	\$	1,400
8	Subcategory 19	Outfall sewers	\$	1,400
9	SECTION	6. In Colorado Revised Statutes, 25-8.5-1	20, :	amend
10	(2) introductory po	ortion as follows:		
11	25-8.5-120	Exclusion of property. (2) In order for such	ch pi	roperty
12	to be excluded, th	e board shall MUST determine that the pro	pert	y to be
13	excluded does no	t receive wastewater treatment services of	or h	ave an
14	individual sewage	disposal ON-SITE WASTEWATER TREATME	ENT	system
15	located within the	authority and either:		
16	SECTION	7. In Colorado Revised Statutes, 25-9-10	02, a	amend
17	(4.5) as follows:			
18	25-9-102.]	Definitions. As used in this article, unless	the c	context
19	otherwise requires	:		
20	(4.5) "Dom	estic wastewater treatment facility" means	any	facility
21	or group of units u	sed for the treatment of domestic wastewate	er or	for the
22	reduction and han	dling of solids and gases removed from su	ıch v	wastes,
23	whether or not such	n THE facility or group of units is dischargin	g in	to state
24	waters. "Domestic	wastewater treatment facility" specificall	y ex	cludes
25	individual sewage	disposal on-site wastewater treatmen	IT sy	stems.
26	SECTION	8. In Colorado Revised Statutes, 32-1-10	06, a	amend
2.7	(1) (a) (II) as follo	ws:		

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32-1-1006. Sanitation, water and sanitation, or water districts - additional powers - special provisions. (1) In addition to the powers specified in section 32-1-1001, the board of any sanitation, water and sanitation, or water district has the following powers for and on behalf of such district:

(a) (II) Nothing in subparagraph (I) of this paragraph (a) shall be construed as authorizing AUTHORIZES the board of any sanitation, water and sanitation, or water district to compel any connection with the sewer, water and sewer, or water lines, as applicable, of such district, by any owner of premises located outside of such district who utilizes private or nongovernmental persons, services, systems, or facilities including but not limited to, an individual sewage disposal ON-SITE WASTEWATER TREATMENT system, for the provision of sewer, water and sewer, or water lines to such premises.

SECTION 9. Act subject to petition - effective date. This act takes effect at 12:01 a.m. on the day following the expiration of the ninety-day period after final adjournment of the general assembly (August 7, 2012, if adjournment sine die is on May 9, 2012); except that, if a referendum petition is filed pursuant to section 1 (3) of article V of the state constitution against this act or an item, section, or part of this act within such period, then the act, item, section, or part will not take effect unless approved by the people at the general election to be held in November 2012 and, in such case, will take effect on the date of the official declaration of the vote thereon by the governor.

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