

CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH  
DPH

# Technical Standards 2023 Updates

Environmental Engineering Program  
Environmental Health Section

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## 2023 Technical Standards

- Effective as of: 1/1/2023
- Revised copy to correct typos posted on 1/23/2023
- Highlighted version
- [Environmental\\_Engineering - Subsurface\\_Sewage \(ct.gov\)](#)

Statutes, Regulations and Technical Standards for Subsurface Sewage Disposal Systems

- [Technical Standards 2023](#) (uploaded 1/1/2023, revised copy 1/23/2023) **NEW**
- [Highlighted Technical Standards 2023 Changes](#) (1/23/2023) **NEW**
- [Summary of 2023 Technical Standards revisions](#) (uploaded 1/1/2023, revised copy 1/23/2023) **NEW**
- [Circular Letter 2022-80 Tech Standard Revisions and Webinar Training Registration links](#) **NEW**

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## Code Advisory Committee

- Process revision underway
- Last update 2018
- Postponed due to COVID and retirements
- Current Membership
  - CADH (Directors of Health)
  - CEHA (Sanitarians)
  - COWRA (Installers/Cleaners)
  - DEEP
  - DPH
  - Home Builders and Remodelers Association
  - Professional Engineers
  - Soil Scientist
  - Other invited groups (i.e. CTWWA, CT Precasters)

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### Environmental Engineering Program (EEP)

- 3 Engineers
  - Supervising Environmental Engineer
  - Env. Engineer 3
  - 1 new Engineer Intern
- 1 Environmental Analysts
  - Environmental Analyst 3
  - EA1 (vacant)

Regional Engineering Coverage:

- Western Region: 19-13-B103 Sewage Discharges, 7500 Gallons Per Day or less, effective August 16, 1982
- Central Region: 19-13-B100a Building Conversions, Change in use, Additions, effective August 3, 1998
- Eastern Region: 19-13-B100a Building Conversions, Change in use, Additions, effective August 3, 1998

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### EEP Focus

- Wastewater: On-site Sewage Disposal (Septic Systems) (65%)
- Public Pools (25%)
- Disposition of Human Remains, Water Treatment Wastewater, Campgrounds/Recreation, Other (10%)

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### EEP Responsibilities: Wastewater

- Subsurface Sewage Disposal Systems
  - 19-13-B103 Sewage Discharges 7500 Gallons Per Day or less (effective August 16, 1982)
  - Technical Standards for Subsurface Sewage Disposal Systems (latest revision 2023)
  - 19-13-B100a Building Conversions, Change in use, Additions (effective August 3, 1998)
- Water Treatment Wastewater Discharge

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### EEP Responsibilities: Wastewater

- Enforcement
- Plan Reviews
- Investigations
- Licensing
- Product Reviews
- Legislative Matters
- Technical Assistance
- Exception Requests
- Training




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### 2023 Technical Standards Updates

- Revision date: January 1, 2023
- Reference to CT General Statute Section 22a-430 (g)
- Updated the Environmental Engineering Program's email address [DPH.EnviroEng@ct.gov](mailto:DPH.EnviroEng@ct.gov)
- Added PHC Section 19-13-B103d (d) in the Technical Standards definition is a clerical/Scrivener's error.
- Revised Table of Contents: Appendix E title: Water Treatment Wastewater Discharges to Subsurface Sewage Disposal Systems

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### Section I: Definitions {pg.11-12}

- **Building Sewer** definition: added the word "gravity"
- **Department** definition *added*
  - Department defined in PHC Section 19-13-B103b (m)
- Replaced "Commissioner of Public Health" with "**Department**" throughout Tech Standards
  - *except* in cases where a regulation citation specifically cites the Commissioner
- **Outbuilding** definition: replaced "guest houses and in-law apartments" with "accessory apartment"

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## Section II: Location of Sewage Systems {pg.13}

- Subsection A
  - Changed title: **Separating Distance to a Water Supply Well**
    - Referenced Item A in Table 1: water supply well for a SSDS installation or repair
    - An exception is required from the Commissioner pursuant to PHC Section 19-13-B103d (a) (3) if the distance cannot be achieved

### A. Separating Distance to a Water Supply Well

The minimum separating distance for the installation or repair of a subsurface sewage disposal system (SSDS), except for approved SSDS piping, from a water supply well is specified in Item A of Table 1. A SSDS installation or repair that requires an exception to the minimum separating distance in Item A can only be granted by the Commissioner in accordance with Public Health Code (PHC) Section 19-13-B103d (a) (3). The application for an exception to Technical Standard II A is available on the Department's website with guidance information, which includes reference to CT General Statute Section 19a-209c that requires certified mail notice to each property owner with an affected water supply well in which the SSDS installation or repair is proposed within its protective sanitary radius. The certified mail notice shall be return receipt requested and shall include a copy of the application per the statute.



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## Section II: Location of Sewage Systems {pg.13}

- Subsection A: Separating Distance to a Water Supply Well**
  - Application for an exception to minimum separating distance for Item A in Table 1 is on the Department's website
    - CT General Statute Section 19a-209c requires **certified** notice to all affected well owners
    - Notice must include a copy of the exception application



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## Section II: Location of Sewage Systems {pg.13}

- Subsection B
  - Retitled: **Separating Distances to Approved SSDS Piping**
    - Contains all language from previous Subsection A & Table 1 not included in retitled Section A
    - Previous Subsections B, C, and D: changed to Subsections D, E, and F, respectively
  - Stipulated: SSDS piping may also be approved by the Department in an approval letter issued after the current revision of the standards.



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Section II: Location of Sewage Systems {pg.13}

Added *new* Subsection C titled: **Off-Site & Central Subsurface Sewage Disposal Systems**

Cited PHC Section 19-13-B103d (d)

- Requires each building be served by a separate SSDS located on same lot as building served (Off-site easement)

Cited PHC Section 19-13-B103d (a) (2)

- Provides for Commissioner exceptions for off-site SSDS and central SSDS serving more than 1 building (Central System)

Added information about SSDS assessments for proposed new building connections to existing SSDS

Applications and guidance for exceptions for off-site and central SSDSs are available on the Department's website

Exception Applications

all applications are for the local health Department use only

We encourage electronic completion and submission utilizing the Electronic Permit System including manual supporting documentation. Please see Circular Letter 2017-10 Water Supply Well Operation Manual Revisions under Circular Letter 2017-10 Central System Revisions in the Environmental Engineering section under Environmental Health Section Publications for additional requirements.

Central System Exceptions

Central System Exception Application

Central System Exception Electronic Form (pdf)

Equipment Exception

PHC 19-1033 Application

Well Exception

Well Exception Application

Well Exception Application Electronic Form (pdf)

Environmental Engineering - Surface Sewage (pdf)

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Section II: Location of Sewage Systems {pg.14}

Subsection F. System Abandonment (ANY)

Stipulated: DOH may authorize hollow sewage system structures to be filled with material other than sand or gravel (i.e. concrete) when abandoning such structures





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Section II: Location of Sewage Systems {pg.14}

Subsection F. System Abandonment

DOH may allow existing structures may be utilized if applicant demonstrates component is in acceptable condition and such use unlikely to cause health hazard or nuisance condition



→ NO →



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Section II: Location of Sewage Systems {pg.14}

• Subsection F. System Abandonment

• Structures (ANY) left in place shall be located on a plot plan and noted in the property file

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Table 1 Revisions {pg.15}

• Item H. Storm water infiltration system (SWIS)

• Added statement to special provision #2 that distance can be further reduced to 25 feet for a minor SWIS (e.g., rain garden) with the approval of the DOH if demonstrated that the leaching system will not be adversely impacted.

• A minor SWIS discharges storm water collected from a localized area on a property and does not include a SWIS that discharges storm water collected from large areas on a property.

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### Table 1 Revisions {pg.16}



- Item O. Utility service trench**
  - Stated in special provision that the distance does not apply to electrical and alarm connections to sewage tanks
  - Added recommendation that detectable underground magnetic tracer/warning tape be provided at least one foot above buried utility lines within 25 feet of a SSDS

O. Utility service trench (e.g., electric, gas)	5	Utility trench excavations less than 25 feet from leaching system shall not be backfilled with TDM. <u>It is recommended that detectable underground magnetic tracer/warning tape be provided at least 1 foot above buried utility lines within 25 feet of a SSDS. This rule does not apply to electrical and alarm connections to sewage tanks.</u>
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### Table 1 Revisions {pg.16}

- Item R. Closed Loop Geothermal System**
  - Reduced SSDS distance from 50 to 25 feet minimum separating distance to trench or bore hole regardless of system location on the landscape
  - Reduced SSDS distance from 10 feet to 5 feet to geothermal piping to trench or bore hole (consistent with other buried utilities)

R. Closed loop geothermal system Bore hole, Trench	25	
Geothermal piping to Borehole/Trench	5	Geothermal piping excavations less than 25 feet from leaching system shall not be backfilled with TDM.

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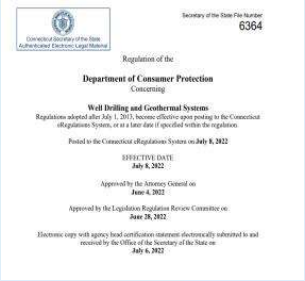
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### DCP Regulations Revised

- Property line setbacks not addressed
- No consideration of the neighboring properties
- Deferred SSDS setback distances to DPH regs

<https://eregulations.ct.gov/eRegsPortal/Search/getDocument?guid={006EDE81-0000-C215-9990-43B3336574BE}>



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Geothermal wells should be located similar to potable wells

The diagram shows a plan view of a property. A large circle represents a 'Possible septic repair area'. A smaller circle, labeled 'Geothermal well', is located within this area. A dashed line indicates a 25' radius from the well. Two rectangular areas labeled 'SSDS' are shown on either side of the well. Two blue rectangles represent buildings.

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An aerial photograph showing a sandy beach area with some debris and a building in the background.

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Section III: Piping {pg.17}

- **Subsection A. Building Sewers**
  - Stipulated: when cleanout is provided for multi-bend change in direction on a building sewer, it shall be provided prior to the first change in direction
  - Require a cleanout for buildings constructed on slab on grade that includes a new sewer connection if a cleanout is not provided within the building

The diagram shows a cross-section of a building sewer. A cleanout pipe is shown extending from the building sewer to the exterior. The cleanout is labeled 'Cleanout'.

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IPC also requires clearance of 18" for pipes 4" and 6" pipes

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Section III: Piping {pg.19}

- Table 2: Approved Building Sewer Pipe from Building Served to Septic Tank or Grease Interceptor Tank
  - Increased minimum pressure class of PVC AWWA C 900 pipe from 100 to 150 psi
  - 4" wide couplings are required for 6" and 8" diameter building sewers.
  - Added Gripper Gasket LLC Maxadaptor Sewer Repair Coupling to acceptable joint column

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Maxadaptor

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Section III: Piping {pg.19}

- Couplings without shear bands can be used for joint connections between cast iron pipe and the bell end of an approved PVC Schedule 40 or 80 pipe

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Section III: Piping {pg.19}



Not OK

Need



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Section III: Piping {pg.19}

- Building sewers and water piping shall be installed in accordance with Section III D (p. 18)





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Section IV: Design Flows {pg. 23 - 24}

- Subsection A. Residential Buildings**
  - Clarifying language added noting reduced design flow (75 GPD) for each bedroom beyond three in a single-family residential building does ~~not~~ apply to bedroom(s) in a residential outbuilding for central SSDS sizing purposes

**A. Residential buildings**

Design flows for residential buildings shall be based on the number of bedrooms (refer to Section I). The design flow per bedroom is 150 GPD, except for bedrooms beyond three in single-family homes that have a design flow of 75 GPD for each additional bedroom. The reduced design flow (75 GPD) for each bedroom beyond three in a single-family residential building does not apply to the bedroom(s) in a residential outbuilding for central SSDS sizing purposes.



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### Section IV: Design Flows {pg. 23 - 24}

- **Subsection C. Water Usage Monitoring and Permits to Discharge**
  - Added language to reference non-compliant ELA or MLSS leaching system repairs

**C. Water usage monitoring and Permits to Discharge**

Plans for large SSDs (2,000 to 7,500 GPD) shall include provisions to monitor domestic sewage generation via the use of water meters or other available means (e.g., pump cycling and dose volume documentation). Permits to discharge issued by the DPH shall be on approved forms (Form #4 or approved equal) as required by PHC Section 19-13-B(10)(e)(h). Permits to discharge for limited SSDS repairs (e.g., septic tank or leaching system replacement only) shall document which SSDS components were and were not replaced. The discharge permits shall specify the design flow and permitted flow. The design flow shall equal the permitted flow, except for leaching system repairs that do not provide the required ELA or MLSS. **The permitted flow for non-compliant ELA or MLSS repairs shall be permitted by using the most limited percentage of the required ELA or MLSS provided.** The discharge permit shall recommend the average daily discharge not exceed 2/3 of the permitted flow allow the SSDS to operate with a sufficient factor of safety and to accommodate peak flow conditions.

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### Section V: Septic Tanks & Grease Interceptor Tanks {pg. 27- 28}

- **Subsection A. General:**
  - Tanks deeper than 24" with *existing* risers do not need to be retrofitted with a 24" diameter risers; new and repairs only



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### Section V: Septic Tanks & Grease Interceptor Tanks {pg. 27- 28}

- **Subsection A. General:**
  - Steel tanks, slab cover (coffin top) tanks, and any tank in poor condition are not good candidates for risers and should be replaced.



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## Secondary Safety Lid or Device

- Require a secondary safety lid or device for a riser assembly when the sewage tank cover is not left in place, regardless of weight of riser cover for all sewage tanks. (holding tank, pump chamber, grease interceptor and septic tank)
- If the tank cover is removed a secondary safety lid or device must be provided below the riser cover.



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## Secondary Safety Lid or Device

- Secondary safety devices are commercially available products for the purpose of preventing accidental entry.
- Not retroactive. Secondary safety requirements should be addressed during the planning stages of the installation. Like effluent filters, specification can be included on plans.
- Applies to sewage tanks, holding tanks, pump chambers, grease interceptor and septic tanks when tank covers are removed and a riser is utilized.



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Secondary Safety Lid or Device

- Many commercially available products for all riser materials, including concrete.
- The secondary safety device must go between the sewage tank opening and riser cover.
- Pump chamber options: The nylon nets or straps seem to be used most often for a pump chamber. They allow for access to the pump while meeting the requirement of a safety device.



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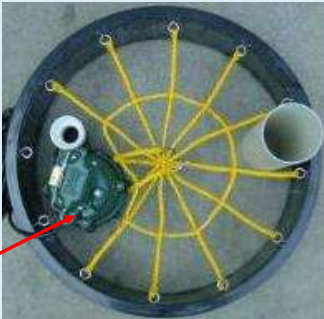
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Commercially Available

- [Riser Safety Grates \(orenco.com\)](http://orenco.com)
- [Concrete or Plastic Septic Tank Lid Safety System | Infiltrator \(infiltratorwater.com\)](http://infiltratorwater.com)
- [Safety Nets | simtechfilter \(simtechfilterinc.com\)](http://simtechfilterinc.com)



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Commercially Available

- [Riser Extension Kits \(For Existing Risers\) - Aero-Stream® LLC](http://aero-stream.com)



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### Commercially Available

- [safety.screens.ai \(polylok.com\)](https://safety.screens.ai/polylok.com)

PVC Ribbed Pipe      HDPE Corrugated      Concrete Risers

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### Secondary Safety Devices

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### Secondary Safety Devices

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Section V: Septic Tanks & Grease Interceptor Tanks {pg. 27- 28}

• Subsection A. General:

• ASTM C 1227 allows oversized non-stepped covers that sit on top of tanks.

• Requires covers are prevented from lateral movement



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Stepped



Non-stepped

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Section V: Septic Tanks & Grease Interceptor Tanks {pg. 28}

• Subsection B. Septic Tank Capacities:

• Tank sizing for a central SSDS serving a single-family residential building and a residential outbuilding shall calculate the minimum required capacity based on the single-family criteria for the main house and an additional 250 gallons for each bedroom in the outbuilding

• For a single-family home with an attached or internal accessory apartment the minimum required tank capacity shall be calculated based on the single-family criteria for the main house and an additional 250 gallons for each bedroom in the accessory apartment

B. Septic Tank Capacities

I. Residential Buildings

The minimum liquid capacities/volumes of septic tanks serving residential buildings shall be based on Table 5. Septic tank sizing for a central SSDS serving a single-family residential building and an outbuilding containing a potential bedroom(s) shall calculate the minimum required septic tank capacity based on the single-family criteria for the main dwelling and an additional 250 gallons for each bedroom in the outbuilding. For a single-family home with an attached or internal accessory apartment, the minimum required tank capacity shall be calculated based on the single-family criteria for the main dwelling and an additional 250 gallons for each bedroom in the accessory apartment.

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## Section VI: Effluent Distribution, Pump Systems & Air Injection Processes {pg. 30}

### • Subsection A. General:

- The septic tank outlet invert shall be set no lower than 3 inches from the top of all leaching structures
- The effluent distribution piping between the septic tank and a leaching system shall not have negative pitch



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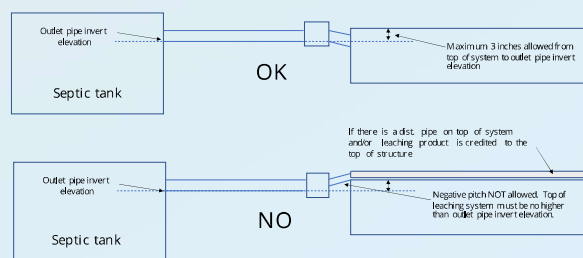
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## Diagram



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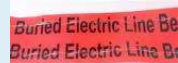
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## Section VI: Effluent Distribution, Pump Systems & Air Injection Processes {pg. 31- 33}

### • Subsection C. Pump Systems:

- Recommend detectable underground magnetic tracer/ warning tape be provided at least one foot above buried electric lines for the pump chamber
- A raw sewage pump force main should discharge to the septic tank via a 4-inch pipe connection to reduce velocity and solids disturbance. An inlet baffle is required for the tank at the force main connection.



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- Maximum distance from the disconnect to the top of riser is 24 inches



The diagram illustrates a trench cross-section. The original ground surface is shown as a dashed line. The trench is filled with 'Clean backfill material' (yellow). A 'Top Soil' layer (brown) is shown on the right side of the trench. A blue dot is located in the center of the trench, representing the location of the pipe or structure. The 'Original Grade' is indicated by a blue arrow pointing to the dashed line on the left. The 'Clean backfill material' is indicated by a blue arrow pointing to the yellow area. The 'Top Soil' is indicated by a blue arrow pointing to the brown area on the right.

The diagram illustrates a cross-section of a landfill cell. It shows a central yellow rectangular area labeled "Non-native fill material" being placed on top of a grey area labeled "Top Soil". The top surface of the landfill is labeled "Existing Grade". The original ground level is indicated by a dashed line and labeled "Original Grade". A blue circle is shown on the top surface of the non-native fill material.



Section VIII: Leaching Systems {pg. 36 - 37}

• Subsection A. General

• Lots that are to be filled to address unsuitable soil conditions shall be prepared with the necessary select fill needed for the leaching system installation, and in a manner to protect the naturally occurring soil and be stabilized to protect against erosion.



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Section VIII: Leaching Systems {pg. 36 - 37}

• Subsection A. General

• New SSDSs shall be laid out in such a manner to provide an acceptable reserve leaching area of potentially suitable soil.



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Acceptable Soil

• SSDS shall be covered with a minimum 6-inches of **acceptable** soil

• Acceptable soil does not contain construction material, glass or rocks or other debris



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### Section VIII: Leaching Systems {pg. 39}

- **Subsection A. General**
  - On sloped lots only, select fill shall be reduced to 2 feet on the sides and up gradient of the leaching system
    - 5 feet extension down-gradient sloped lots (still required)
    - 2 feet for all other extensions (up-gradient and sides on sloped lots)
    - 5 feet fill extension around the perimeter shall remain for flat lots



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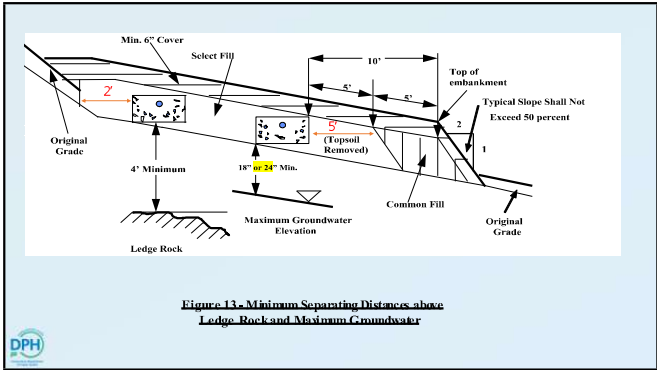
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Section VIII: Leaching Systems and MLSS {pg. 46 and 63}

- The required ELA / MLSS for each potential bedroom in a residential outbuilding shall be based on the multi-family classification

F. Leaching System Sizing

I. Residential Buildings

The required effective leaching area (ELA) for a SSDS serving a residential building shall be based on the number of bedrooms and the population size in accordance with Table 6, except for the following:

- A separate SSDS for a 1 bedroom residential outbuilding shall have a required ELA equal to 70 percent of that required for a 2-bedroom building.
- When using a single-family home with an attached or internal accessory apartment, the required ELA for main house shall be based on the single-family home criteria and the required ELA for the accessory apartment shall be based on the multi-family criteria.
- A central SSDS serving a single-family residential building and a residential outbuilding, the required ELA for each bedroom in a residential outbuilding shall be based on the multi-family classification.
- The required ELA for a multi-family residential building shall be based on a minimum of 4 bedrooms.

Table 6: Required ELA (sq. ft.)

Bedrooms	Required ELA (sq. ft.)
1	15
2	25
3	35
4	45
5	55
6	65
7	75
8	85
9	95
10	105
11	115
12	125
13	135
14	145
15	155
16	165
17	175
18	185
19	195
20	205
21	215
22	225
23	235
24	245
25	255
26	265
27	275
28	285
29	295
30	305
31	315
32	325
33	335
34	345
35	355
36	365
37	375
38	385
39	395
40	405
41	415
42	425
43	435
44	445
45	455
46	465
47	475
48	485
49	495
50	505
51	515
52	525
53	535
54	545
55	555
56	565
57	575
58	585
59	595
60	605
61	615
62	625
63	635
64	645
65	655
66	665
67	675
68	685
69	695
70	705
71	715
72	725
73	735
74	745
75	755
76	765
77	775
78	785
79	795
80	805
81	815
82	825
83	835
84	845
85	855
86	865
87	875
88	885
89	895
90	905
91	915
92	925
93	935
94	945
95	955
96	965
97	975
98	985
99	995
100	1005

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Section VIII: Leaching Systems {pg. 46}

- Subsection F. Leaching System Sizing**
- Single-family home with an attached/internal accessory apartment:
  - The required ELA for main house shall be based on the single-family home criterion AND
  - The required ELA for the accessory apartment shall be based on the multi-family criterion



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Section X: Water Treatment Wastewater {pg. 48 - 49}


- Revised requirement #2 to indicate the DOH should consider requiring a PHC Section 19-13-B100a (e) review for WTW daily discharges that exceed the building's sewage design flow.
- Noted: Certain water treatment systems (e.g., whole house/building reverse osmosis systems) can produce very large quantities of WTW that may require significant area for a WTW dispersal system, and such a review would ensure preservation of SSDS areas.

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**Table 9:** Clarified DOH authority to grant an exception for distances specified in Table 1 for existing SSDS. {pg. 49}

Table 9		
Item	Separation Distance (feet)	Special Provisions
Public or private water supply well with required withdrawal rate of:		The DOH may allow certain separation distance reductions on existing developed properties if compliance cannot be met due to site limitations. <i>(1)(2)(d)</i>
< 10 GPM	75	
10 to 50 GPM	150	
> 50 GPM	200	
Open watercourse	25	
Public water supply reservoir	100	
Building	5	
Property line	10	
Subsurface sewage disposal system	See Table 1 (Item Q)	



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Section XI Non-Discharging Toilet & Sewage Disposal Systems {pg. 50}

- Subsection C. Incineration Toilets:
  - Lowered the minimum combustion temperature from 1,400 to 1,000 degrees Fahrenheit
  - Stipulated that incineration can occur when the toilet lid is open if the toilet has a combustion chamber that is separate from the collection bowl





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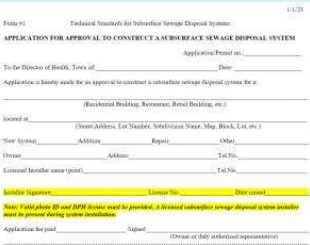
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Form #1 {pg. 51}

- Added installer signature and note to check identification
- An Installer must be present during the system installation





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Forms 2 and 2a {pg. 55}

- Form #2: and 2a:
  - Added “based on area tested” to the unsuitable conclusion
  - Conclusion for area(s) tested

LOCATION DRAINING INCLUDING ALL TEST PITS AND PERFORATION HOLES	
SPECIAL CONDITIONS	CONCLUSIONS
1. Complete - correct (Y/N)	1. Suitable for Sewer System
2. Partial - some defects (Y/N)	2. Suitable for Sewer System
3. Unsuitable - some defects (Y/N)	3. Unsuitable for Sewer System
4. No test (Y/N)	4. No test (Y/N)
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99. No test (Y/N)	99. No test (Y/N)
100. No test (Y/N)	100. No test (Y/N)

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Form 3 {pg. 56 - 57}

- Form #3: SSDS Final Inspection Report
  - Deleted one of the two “Sieve Required (Y/N):” citations add added the word “stone” to the remaining citation
  - Added space to note type of effluent distribution pipe and joint
  - Added space to note exceptions (e.g., minimum separating distances, MLSS, ELA)
  - Reformatted and added Yes /No circle options

Form 3

SSDS Final Inspection Report

1 of 2

1. General Information

2. Inspection Details

3. Test Results

4. Conclusions

5. Recommendations

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Permit to Discharge Form 4 {pg. 58}

- Revised the standard reference for non-compliant repairs from Section IV D to Section IV C and added “ELA or MLSS” between “non-compliant” and “repairs”.

Form 04

Technical Standards for Subsurface Sewage Disposal Systems

2 of 2

1. General Information

2. Inspection Details

3. Test Results

4. Conclusions

5. Recommendations

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Appendix A: MLSS {pg. 59 - 61}

- Deleted the word “essentially” that was in parenthesis along with “0 percent”
- Revised title for Category 1 to only include new lot creation (removed B100a conceptual systems)
- Category 2 now allows B100a conceptual systems to utilize select fill as receiving soil

Category 2 - New SSDS, MLSS Compliant Repairs and Conceptual B100a Areas (Code-Complying & Potential Repair Areas): Leaching system spreads shall equal or surpass the MLSS. A leaching system that is designed with the top of the system more than 12 inches below natural grade shall have receiving soil in the leaching system area measured from the top of the system to the restrictive layer (see Diagram 4).



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Category 1 - SSDS Layouts for New Lot Creation

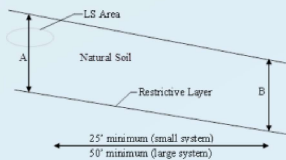


Diagram 1 - Sloped Restrictive Layer



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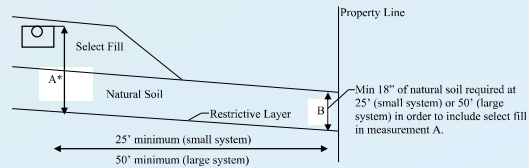
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Category 2 - New SSDS, MLSS Compliant Repairs and Conceptual B100a Areas (Code-Complying & Potential Repair Areas):



\*Receiving soil in LS area may include up to 24" of select fill measured from top of system if all receiving soil is on property and there is at least 18" of natural soil throughout the receiving soil.

Diagram 3 - LS in Select Fill (Sloped Restrictive Layer)



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Appendix E: Authorized Water Treatment Wastewater Discharges to SSDS's {pg. 66}

- Heavy metal adsorption medias (e.g., titanium oxide, iron oxide, activated alumina) to the list of water treatment wastewater that are authorized to discharge a SSDS.

Authorized WTW Sources
WTW shall only be from a calcite filter, granular activated carbon filter, a Point of Use (POU) reverse osmosis unit  heavy-metal adsorption medias



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Questions?



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