

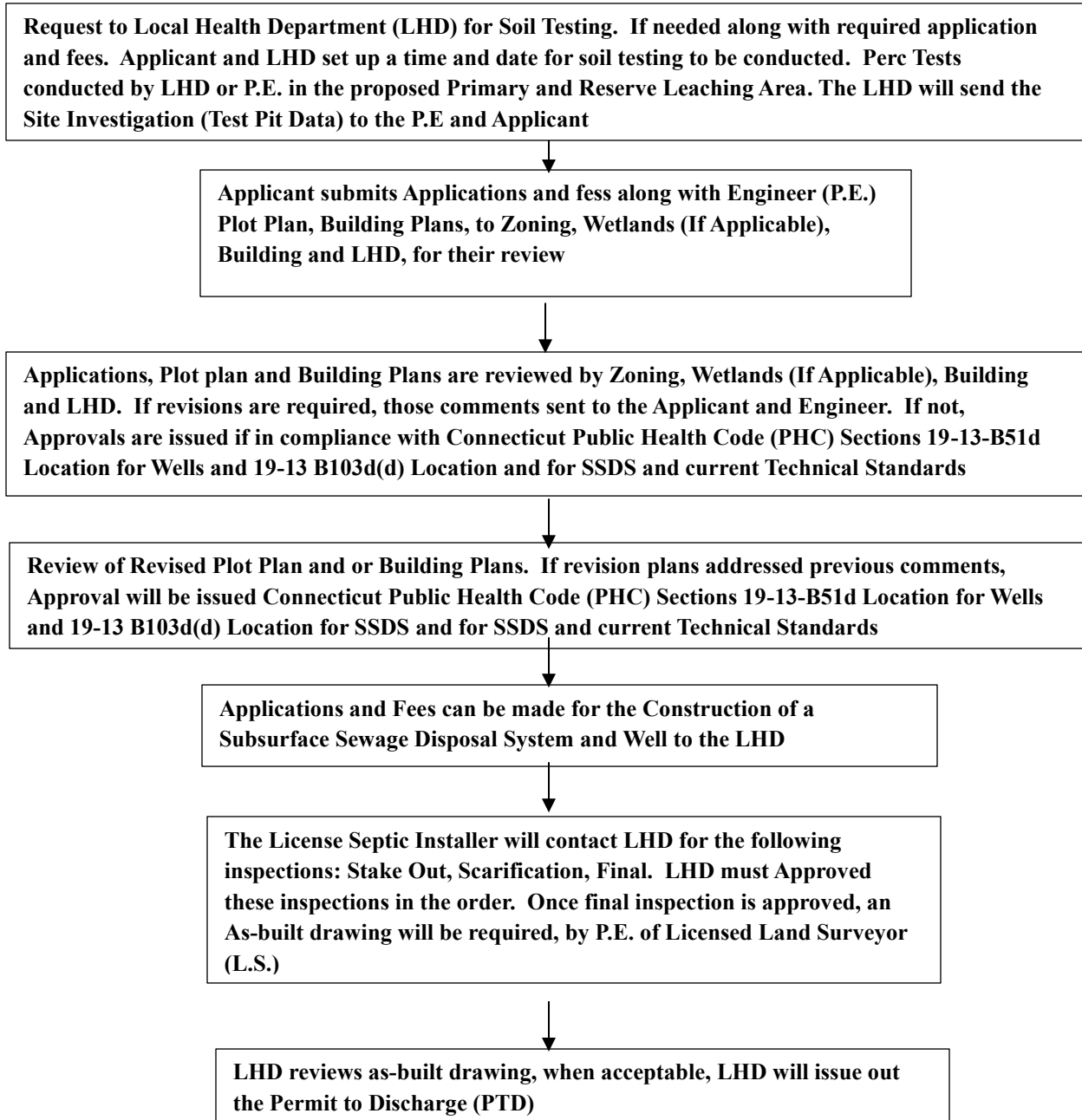
Sewage Disposal Working Group

Process and Funding

Flow Chart for Subsurface Sewage Disposal Systems (SSDS)

< 2000 Gallons Per Day (GPD) Discharge

For an Existing Lot (Vacant) of Record



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Flow Chart for Subsurface Sewage Disposal Systems

< 2000 Gallons Per Day (GPD) Discharge

For a Connecticut Public Health Code Section 19-13-B100a for the following:

- **Building conversion, change in use**
 - (I.E. Seasonal Use to Year-Round Use or increase in Design Flows);
- **Building additions:**
 - A type of an addition that does not increase the Design Flow. I. E. Kitchen, Living Room Additions;
- **Attached or detached garages, accessory structures, below or above ground pools:**
 - I.E. Sheds, Small (<200 square feet) portable structures (e.g., sheds) without permanent foundations (concrete slab, piers, footings) are not considered permanent structures, except for decks;
- **Sewage disposal area preservation:**
 - (I.E. Converting an existing lot with a building having a Subsurface Sewage Disposal Systems into two or more lots, thus making the existing lot smaller);
- **Code-complying area:**
 - Means an area on a property where a subsurface sewage disposal system can be installed which meets all requirements of Section 19-13-B103 of the Regulations of Connecticut State Agencies, and the Technical Standards except for the one hundred percent reserve leaching area referred to in Section VIII A of the Technical Standards.

Request to Local Health Department (LHD) for Soil Testing. If needed along with required application and fees. Applicant and LHD set up a time and date for soil testing and perc test to be conducted by LHD

Applicant submits Plot Plan, Building Plans, Applications to Zoning, Wetlands (If Applicable), Building and LHD, along with required fees

Applications, Plot plan and Building Plans are reviewed by Zoning, Wetlands (If Applicable), Building and LHD. If revisions are required, those comments sent to the Applicant. If not, Approvals are issued

The LHD can only Approved the B100a Application when a Code-complying area is shown for the property. This can be shown on a plot plan by the Homeowner, LHD, P.E. Some LHD will require expansion of the existing SSDS when there is more than a 50% increase in the design flow. This is allowed per B100a

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Flow Chart for Subsurface Sewage Disposal Systems (SSDS)

< 2000 Gallons Per Day (GPD) Discharge

For a Subdivision

(Based on number of bedrooms or other structures {I.E. Commercial Buildings})

Request to Local Health Department (LHD) for Soil Testing. Applicant shall fill out forms and submit fees. A proposed subdivision plan needs to be submitted showing the proposed Test Pit Locations and SSDS for each proposed lot. Fees can be based on individual proposed lots or per Test Pit as directed by the LHD

Applicant and LHD set up a time and date for soil testing to be conducted. Test Pits should be pre-dug, so the LHD are not waiting around for them. Test Pits should be numbered, marked and or staked in the field of their location. LHD will witness and or record the Test Pits Readings. LHD will send their Site Investigation findings to the P.E. and Applicant. Some LHD will require the P.E. to conduct the Perc Tests in the Proposed Primary and Reserve Leaching Areas, if not then the LHD are conducting the perc tests

LHD must review each individual lot for conformance to the Connecticut Public Health Code (PHC) Sections 19-13-B51d Location for Wells and 19-13 B103d(d) Location for SSD and current Technical Standards. LHD needs to review all the Test Pits and Perc Tests (Location must be shown on the plans) along with the location of the well, SSDS, MLSS Calculations, drains including footing, curtain, road, adjacent lot(s), etc. for conformance to the above PHC for each lot. If revisions are needed, must send letter to Applicant and P.E. for revisions.

LHD will review the revised plans and hopefully all revision comments have been addressed, if not another revision letter will be sent. LHD might have revision fees requirements. When each Proposed Subdivision lot has met the PHC requirements of Sections 19-13-B51d Location for Wells and 19-13 B103d(d) Location for SSDS and current Technical Standards based on the number of proposed bedrooms or proposed buildings, then the LHD will send an Approval Letter to the Planning Commission

Applicant submits Applications and fees along with Engineer (P.E.) Subdivision Plan, to Planning, Wetlands (If Applicable), and LHD, to review. Wetland and Planning meeting dates are set. Applicant needs Wetland Approval first, then LHD Approval, prior to Planning Approval. Some Planning Department will conditionally Approve upon LHD Approval. Once LHD Approves, Mylars will be signed by Planning Chairman

Sewage Disposal Working Group

Process and Funding

Flow Chart for Subsurface Sewage Disposal Systems (SSDS)

2000 to 7,500 Gallons Per Day (GPD) Discharge

For a For an Existing Lot (Vacant) of Record,

For a Connecticut Public Health Code Section 19-13-B100a and Subdivision

Request are made to Local Health Department (LHD) for Soil Testing and to the State of Connecticut, Department of Public Health, Environmental Engineering - Subsurface Sewage Section (DPH SSS). Applicant shall fill out forms and submit fees to the LHD and DPH SSS. DPH SSS fee at this time is \$675.00 The proposed Existing Lot (Vacant) of Record, or B100a or subdivision plan (AKA 'Activity') needs to be submitted showing the proposed Test Pit Locations, Perc Test and SSDS for each proposed activity by the applicant. Fees can be based on individual proposed activity as directed by the LHD



Applicant will set up a time and date for soil testing to be conducted with the LHD and DPH SSS. Test Pits should be pre-dug, so the LHD and DPH SS are not waiting around for them. Test Pits should be numbered, marked and or staked in the field of their location. LHD and DPH SSS will witness and or record the Test Pts Readings. LHD will send their Site Investigation findings to the P.E. and applicant. Some LHD will require the P.E. to conduct the Perc Tests in the Proposed Primary and Reserve Leaching Areas as required per the activity, if not then the LHD are conducting the perc tests



The review of the activities will follow those flow charts listed above with the following condition. The LHD must be satisfied that the activity follows the Connecticut Public Health Code (PHC) Sections 19-13-B51d Location for Wells and 19-13 B103d(d) Location for SSDS and current Technical Standards. Only then will the LHD send the plans to DPH SSS for their review.



Either DPH SSS will approve the activity or have comments that needs to be address by the applicant. When DPH SSS has finally Approved the Activity, only then can LHD Approve the Activity.



Based on the activity, Applications and Fees can be made for the Construction of a Subsurface Sewage Disposal System and Well can be made to the LHD



The LHD will conduct all inspections on the SSDS. Will review and approved the As-built Drawing and issue out the Permit to Discharge

Sewage Disposal Working Group - Process and Funding

Flow Chart for Subsurface Sewage Disposal Systems (SSDS) 7,500 and or Greater Gallons Per Day (GPD) Discharge

*The reference to the Commissioner of Health Services was changed to the Commissioner of Public Health in the below printing of the B104 regulations (Sections 19-13-B104a through 19-13-B104d) to be consistent with the language in the Technical Standards for Subsurface Sewage Disposal Systems.

**Note: The 5,000 gallons per day jurisdictional design flow was raised to 7,500 gallons per day by Public Act No.17-146, Section 30 effective July 1, 2017, which revised CT General Statute Section 22a-430 (g).

Sec. 19-13-B104a. Scope

These regulations set standards for domestic sewage disposal systems receiving flows greater than 5,000 gallons per day; community sewage systems as defined in Section 7-245, Connecticut General Statutes, which utilize land treatment and disposal, alternative on-site sewage treatment systems; and septage disposal systems which utilize land treatment and disposal.

(Effective August 16, 1982)



Sec. 19-13-B104b. Definitions

(a) Alternative on-site sewage treatment systems means a system serving one or more buildings on one property which utilizes a method of treatment other than a subsurface sewage disposal system and which involves a discharge to the waters of the state

(f) Persons who intend to conduct site investigations for the purpose of designing or constructing any septage or sewage disposal system within the scope of these regulations shall notify the local director of health of the time and place of such site investigations. Notice shall be provided to the local director of health in a timely manner to allow attendance at such site investigations by the director of health.

(g) Persons who propose sewage or septage disposal systems within the scope of this regulation shall submit plans for such systems to the Commissioner of Public Health and the local director of health. Plans shall be submitted in a timely manner to allow review and comment on such plans to be directed to the Commissioner of Environmental Protection. Such plans shall be prepared by a professional engineer registered in the State of Connecticut and shall include a report of the findings of all site investigations, the basis of design, a preliminary or final design and other information necessary for the preservation and improvement of public health.

(h) Persons who intend to construct sewage or septage disposal systems within the scope of these regulations shall file final construction plans with the local director of health at least two working days prior to the start of construction. All such systems shall be inspected during construction by the local director of health. Persons constructing such systems shall give prior notification to the local director of health of any changes which are proposed or required during construction. Persons constructing such systems shall provide the local director of health with a record drawing of the system, as-built, prior to utilizing the system.

(Effective August 16, 1982)



The underline referenced LHD involvement. LHD might require fees for the review of plans and inspections of the SSDS.