

Notification of the Ministry of Public Health

On Prescribing of Type, Size, Duration of Sludge Withdrawal
and Standardised Water Drainage Method for Sewage Disposal System

B.E. 2561 (A.D. 2018)

Whereas it is deemed expedient to prescribe types, sizes, duration of sludge withdrawal and standardised water drainage method for sewage disposal system in order for the owner or possessor of the sewage disposal system to be able to dispose sewage in a sanitary and effective manner.

By virtue of the provisions of Section 14 paragraph two of the Ministerial Regulation on Sewage Disposal Hygiene, B.E. 2561 (A.D. 2018), the Minister of Public Health by advice of the Public Health Committee hereby issues this Notification as follows:

Clause 1. This Notification shall be referred to as “Notification of the Ministry of Public Health on Prescribing of Type, Size, Duration of Sludge Withdrawal and Standardised Water Drainage Method for Sewage Disposal System, B.E. 2561 (A.D. 2018)”.

Clause 2. This Notification shall come into force after the expiration of one hundred eighty days from the date of its promulgation in the Government Gazette.

Clause 3. A fixed sewage disposal system is a system that supports and is able to treat, improve, or transform sewage discharged from toilet into a form that is free from filthy conditions and diseases. It may be an anaerobic treatment tank system, such as septic tank, anaerobic septic tank, or with an aeration system. In this regard, the route of inlet and outlet must be well engineered to avoid water short circuit.

Clause 4. The owner or possessor of a building, residence, shophouse, or commercial building, be they used for commercial or residential purposes, shall procure to have a fixed sewage disposal system of which the volume is not less than 1,000 litres and withdrawal of sludge must be at intervals of no less than once per four years in order for it to be treated in the central sewage disposal system.

Clause 5. The owner or possessor of other buildings apart from what described under Clause 4 as well as public toilets, such as condominiums, schools, hospitals, hotels, or complexes, department stores, etc. shall procure to have a fixed sewage disposal system of

(Translation)

which the size must be sufficient to contain possible quantity of sewage generated by such buildings, and withdrawal of sludge must be at intervals of once per year in order for it to be treated in the central sewage disposal system.

Clause 6. The owner or possessor of mobile toilets, temporary toilets shall dispose sewage in a central sewage disposal system immediately once the septic system is full or when finishing toilet usage.

Clause 7. The central sewage disposal system of local government may adopt an anaerobic digestion or biogas system, or other systems that are suitable for sewage disposal. In this regard, wastewater and sludge that have gone through said central sewage disposal system must meet the standards in terms of helminth eggs and *Escherichia coli* according to the Notification of the Ministry of Public Health issued in pursuance of Clause 15 of the Ministerial Regulation on Hygienic Sewage Management, B.E. 2561 (A.D. 2018), prior to discharging to public water resources or the environment, or prior to further utilisation.

Clause 8. Procedures to drain water from the central sewage disposal and wastewater treatment system in the case where sewage is discharged to it shall be as follows:

(1) Effluent from a fixed sewage disposal system shall not be directly discharged to public water resources or the environment, except:

(a) Effluent from the sewage disposal system meets the standards in terms of helminth eggs and *Escherichia coli* according to the Notification of the Ministry of Public Health issued in pursuance of Clause 15 of the Ministerial Regulation on Sewage Management Hygiene, B.E. 2561 (A.D. 2018), or;

(b) Effluent from the sewage disposal system shall be treated in the central wastewater treatment system;

(c) In case it is unable to comply with (a) or (b), it prescribes that the infiltration percolation method shall be adopted in an area in which permeability of soil is good with cesspool system; or sewage storage grooves must not be less than 1 metre above the underground water level. The level of water drainage must not be less than 50 centimetres beneath the earth surface, and set in a distant proximity of not less than 30 metres from consuming water.

(2) Effluent from the central sewage disposal system or the central wastewater treatment system that contains sewage of the local government and of buildings according to the relevant laws shall meet the standards in the same way as (1) (a) before being discharged to public water resources or the environment.

(Translation)

Clause 9. This Notification shall not be applied to owners or possessors of a house, building, or place according to Clause 4 and Clause 5 which have already been installed of a sewage disposal system prior to the execution of this Notification.

Clause 10. This Notification shall be enforced in Bangkok Metropolis, Pattaya City, city municipality, and town municipality merely of the provinces specified in the attachment annexed hereto.

Announced on the 19th Day of November 2018

Piyasakol Sakolsatayadorn

Public Health Minister

(Translation)

Attachment

Provinces of execution as follows:

1. Nakhon Ratchasima
2. Udon Thani
3. Khon Kaen
4. Nong Kai
5. Bueng Kan
6. Loei
7. Nong Bua Lamphu
8. Maha Sarakham
9. Roi Et
10. Yasothon
11. Ubon Ratchathani
12. Amnat Charoen
13. Surin
14. Sisaket
15. Mukdahan
16. Sakon Nakhon
17. Kalasin
18. Buriram
19. Chaiyaphum
20. Nakhon Phanom
21. Chiang Mai
22. Lampang
23. Phrae
24. Nan
25. Phayao
26. Chiang Rai
27. Lamphun
28. Mae Hong Son
29. Sa Kaeo
30. Nonthaburi
31. Pathum Thani
32. Nakhon Pathom
33. Samut Praka
34. Samut Sakhon