Clark County Health Department

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APPLICATION
PRIVATE SEWAGE DISPOSAL SYSTEM
INSTALLER PERMIT

HEALTH DEPARTMENT RECORDS INDICATE THAT YOUR PERMIT # _____

TO INSTALL/REPAIR ON-SITE SEWAGE DISPOSAL SYSTEMS WITHIN CLARK COUNTY, EXPIRES ON:

_____

INFORMATION YOU PROVIDE ON THIS APPLICATION WILL BE MADE AVAILABLE TO THE PUBLIC. IF REQUESTED, THIS DEPARMENT WILL FURNISH THE PUBLIC A LIST CONTAINING CURRENT PERMIT HOLDERS, THEIR NAMES, ADDRESSES AND PHONE NUMBERS (BUT NOT E-MAIL ADDRESSES).

IF YOU WISH TO CONTINUE TO BE PERMITTED TO INSTALL WITHIN CLARK COUNTY, PLEASE COMPLETE THIS APPLICATION AND CORRECT ANY ERRORS APPEARING ON THE FORM AND RETURN IT ALONG WITH YOUR PAYMENT OF $50.00 FOR THE NEW PERMIT FEE.

BUSINESS NAME: _____

OWNERS NAME: _____

ADDRESS: _____

CITY _____ **STATE** _____ **ZIP** _____ **PHONE** _____

CHAPTER 7-1-1 (A) OF THE CLARK COUNTY SANITARY CODE (CCSC) HAS ESTABLISHED, "NO PERSON SHALL INSTALL, CONSTRUCT, ALTER OR REPAIR AN ON-SITE SEWAGE DISPOSAL SYSTEM UPON ANY PROPERTY IN CLARK COUNTY, INDIANA, WITH OR WITHOUT CHARGE: (1) WITHOUT FIRST OBTAINING AND POSSESSING A CURRENT, UNREVOKED PERMIT FROM THE HEALTH OFFICER, EXCEPT AS PROVIDED BY 7-2-2; OR , (2) UPON ANY PROPERTY FOR WHICH AN ON-SITE SEWAGE DISPOSAL SYSTEM PERMIT HAS NOT BEEN ISSUED BY THE BOARD OF HEALTH AS REQUIRED BY CHAPTER 6 OF THE SANITARY CODE."

CHAPTER 7-2-1 (B) OF THE (CCSC) STATES, "ONLY ONE (1) PERMIT SHALL BE REQUIRED FOR EACH PERSON OR OTHER SEPARATE LEGAL ENTITY ENGAGED IN INSTALLATION, ALTERING OR REPAIRING, WITH OR WITHOUT CHARGE, OF AN ON-SITE SEWAGE DISPOSAL SYSTEM."

EACH PERMIT REQUIRED BY CHAPTER 7 OF THE SANITARY CODE, SHALL BE ISSUED BY THE HEALTH OFFICER FOR A TERM OF ONE (1) YEAR (BEGINNING JUNE 30th AND ENDING JUNE 30th THE FOLLOWING YEAR) AND MAY BE RENEWABLE UPON APPLICATION AND ALL APPLICABLE FEE(S) REQUIRED BY CCSC 7-3-1.

ANNUAL PERMIT FEE $50.00

PLEASE PRINT: [please provide e-mail address] _____

NAME / TITLE OF APPLICANT _____

SIGNATURE: _____

<<<<<<<<<<<<< FOR HEALTH DEPARTMENT USE ONLY >>>>>>>>>>>>>

DATE ISSUED _____ ISSUED BY: _____ PERMIT _____

RECEIPT#: _____

Clark County Installer Exam 2009 – 2010

Installer's Name& Business:

_____

1. Before any construction may begin on replacing a residential soil absorption system, the following must be obtained:

☐ Soils report ☐ Septic permit ☐ Guidelines for construction ☐ All of the above

2. The liquid capacity of a dosing tank (pump chamber) must include: 1) the design dose volume, 2) an additional volume for liquid that will drain back from the dose pipe when pumping ceases, 3) additional capacity needed to keep the pump submerged at all times and 4) provide sufficient freeboard for a high water alarm.

☐ True ☐ False

3. A 4-inch diameter pipe used as a residential sewer must be installed with a positive slope (down slope) of **not more than:**

☐ 12 inches per 25 ft ☐ 24 inches per 25 ft ☐ 30 inches per 25 ft ☐ 36 inches per 25 ft

4. A horizontal separation distance must be maintained between a pressure water supply pipe and a sewer pipe of **at least**?

☐ 3 feet ☐ 5 feet ☐ 10 feet ☐ 25 feet

5. All absorption field trenches served by a common distribution box must be constructed so that each square foot of absorptive area is loaded with an equal amount of effluent.

☐ True ☐ False

6. Distribution boxes must be designed to split the effluent equally among the effluent ports and, therefore, the box outlets to the trenches shall be at the same elevations.

☐ True ☐ False

7. The final soil cover over the absorption field shall be graded so that the area is crowned to shed water.

☐ True ☐ False

8. What is the **minimum** depth from original grade of any gravity-feed, trickle flow trench?

☐ 36 inches ☐ 24 inches ☐ 16 inches ☐ 10 inches

9. What is the **maximum** width of any trench in the soil absorption field?

☐ 12 inches ☐ 18 inches ☐ 24 inches ☐ 36 inches

10. What is the **minimum** amount of soil cover that must be placed over the aggregate in a trench?

☐ 10 inches ☐ 12 inches ☐ 15 inches ☐ 18 inches

11. When an absorption system must be placed on a sloping site, the trenches must be oriented as follows:

☐ Perpendicular to the slope (along the contour) ☐ Parallel to (along) the slope

12. The cover material over the aggregate in an absorption trench must be sufficiently wide to protect the aggregate from the soil upon backfilling and final cover of the absorption field.

☐ True ☐ False

13. If the seasonal high water is perched, the perimeter drain around the absorption field must be constructed 2 inches into the glacial till or fragic layer.

☐ True ☐ False

14. What is the **minimum** distance that the perimeter drain must located away from the absorption treches, if the soil loading rate is less than or equal to 0.6 gal/sq ft per day?

☐ 10 feet ☐ 5 feet ☐ 12 feet ☐ 24 feet

15. All pump controls, including liquid level sensors, must be:

☐ Completely within the dosing chamber ☐ Located entirely outside the dosing chamber

☐ Designed and installed so that they can be serviced ☐ In the home so that alarms will be noticed

16. When selecting an effluent pump, there are three main values that must to be determined:

☐ Design head, static head, friction loss head
☐ Area, soil loading rate, slope
☐ Diameter of pipe, length of pipe, number of fittings, soil type
☐ Number of holes in laterals, length of laterals, daily wastewater volume

17. The pump and high water alarm must be wired on separate circuits.

☐ True ☐ False

18. What is the required dosing volume for a residential elevated mound system?

☐ The design daily flow
☐ The design daily flow plus or minus the volume from the delivery line
☐ 1/4 the design daily flow
☐ 1/4 the design daily flow plus or minus the volume from the delivery line

19. The final ground surface of an elevated sand mound must be designed and constructed to maintain a **minimum** of the following slope on all sides:

☐ 1:1 ☐ 2:1 ☐ 3:1 ☐ 4:1

20. What is the **minimum** depth of sand under the aggregate bed in a mound?

☐ 6 inches ☐ 10 inches ☐ 12 inches ☐ 20 inches