



MONTGOMERY COUNTY HEALTH SERVICES
ENVIRONMENTAL DIVISION

NOTICE OF APPROVAL

Having been inspected by the Montgomery County Health Services and being found to comply with the minimum requirements of the State of Texas and Montgomery County Texas for On-Site Sewerage Facilities as amended, the licensee is hereby notified that the system is approved for operation and use.

Design By: Jay Churchwell, R.S.

Installer: TRICE, JOSEPH

Site Address: 7010 BOWIE COURT


Legal Description: Subdivision: HIGH MEADOW ESTATES U/R
Section: 2 Block: 1 Lot: 1B-2

Max. Daily Flow: 360 GALLONS

Type of System: SURFACE APPLICATION

Inspector Name: BRAND - CLEARSTREAM
DARRELL REED, D.R.8431

Date: 09.06.19

Signature  Date 12/19/2019
OSSF Coordinator

Montgomery County Health Services - Environmental Division
501 N Thompson Ste 101
Conroe, Texas 77301
(936) 539-7839 * (281) 353-9791 ext. 7839
www.mctx.org

MONTGOMERY COUNTY DEVELOPMENT PERMIT STRUCTURE

501 N Thompson Ste 100

Conroe, TX 77301

(936) 539-7836

PERMIT NO. 166461-19

HODGE/MASON # 9.3

CLERK CK

SEPTIC

STATE OF TEXAS }
COUNTY OF MONTGOMERY }

This notice confirms that this SEPTIC permit was issued to:
Applicant: DEAN, GARRETT & AMY Owner: DEAN, GARRETT & AMY
on 29 AUG 19 in Montgomery County, Texas and is NONTRANSFERABLE. This permit
authorizes the permittee to construct, install or make improvements to a
R-SINGLE FAMILY HOUSE on the following described property:

Subdivision: HIGH MEADOW ESTATES U/R
Section: 2 Block: 1 Lot(s): 1B-2
Address : 7010 BOWIE COURT, MAGNOLIA, TX 77354

The requirements for the onsite sewage facility are based on the site
evaluation performed by KENNETH CROSSLAND on 31 JUL 2019.

Ground water encountered: N. Soil:
Acres 4365 Sq. Ft. of Living Area 3 No. of Bedrooms
.045 Application Rate DOBBIN PLANTERSVI
LLE

MINIMUM REQUIREMENTS:

1. Total capacity of Tanks in Gallons: 1250 Gallons. Max GPD :360
MINIMUM SQUARE FOOTAGE OF SPRAY AREA REQUIRED: 8000 SQ. FT.
2. System Type: SURFACE APPLICATION Designed By: Jay Churchwell, R.S.
The construction, installation or substantial modification of a private
sewage facility shall be made in accordance with the approved design and
requirements of the Permit to Construct.
3. ANY CHANGES TO EQUIPMENT SPECIFIED OR GPD WILL REQUIRE OFFICE APPROVAL
PRIOR TO INSPECTION
MAINT. AGREEMENT REQUIRED PRIOR TO INSPECTION. FAX 936-788-8388

NOTE: Authorization to construct Septic System expires: 28 AUG 2020
Re-application will be required if septic system has not been installed by the
above date. Licensed installer or apprentice must be on site for inspection.

Approved by *Dyfa Dalhaus AR 29143* . Date: 8-30-19

NOTE REGARDING SEPTIC SYSTEMS: This Development Permit is an authorization to
CONSTRUCT a septic system. In order to obtain a NOTICE OF APPROVAL for this
septic system, a final inspection and approval by the Montgomery County
Environmental Health Department will be required.



MONTGOMERY COUNTY
ENVIRONMENTAL HEALTH SERVICES
501 N. THOMPSON, SUITE 101
CONROE, TEXAS 77301
(936) 539-7839 • (281) 364-4200 EXT 7839

Dear Property Owner:

Effective: 04/2010

The operation of the on-site surface application system (Aerobic Sewer System) on your property must be in strict compliance with the sewage discharge standards promulgated by the Texas Commission on Environmental Quality.

- 1) Employ, by means of an initial two-year prepaid maintenance contract, a **maintenance provider certified by the State of Texas.**
- 2) Employ a **certified maintenance provider** during the entire operational life of the said surface application system.
- 3) Assure that the wastewater operator provides the testing of the sewage effluent on the schedule provided below and sends the required report to Montgomery County Environmental Division.
 - Commercial**
 - A) BOD - Annually
 - B) TSS - Annually
 - C) PH and Chlorine or Fecal Coliform - **PERMIT SPECIFIC**
 - Residential**
 - A) Chlorine or Fecal Coliform - **Once every four months**
 - B) PH - **Once every four months**
- 4) Assure that Chlorine tablets are installed in the chlorinator **by the property owner!** This is very important as it assures the system is operating as intended and there is no threat of an environmental health hazard to you, your family, or the general public.

Failure to strictly abide by the above conditions could result in filing of a complaint with the legal authority, which if you are found guilty of any violations, could assess a fine of up to \$500 per day for each day the violation exists. We are aware that you are depending on a contractor to complete these reports for you, however, the LAW holds you, as property owner, responsible.

If you need assistance, please feel free to contact the Environmental Division of Montgomery County.

Sincerely,

Frank Green, DR
Chief Designated Representative

*****SPECIAL NOTE*******CHLORINE MAINTENANCE**

It's the HOMEOWNERS responsibility to maintain chlorine residual in the pump tank of at least one (1.0) mg/L. This can be achieved by keeping tablets, designed for the disinfection of wastewater in your chlorinator. To add tablets, remove the tube and clean out old tablets and residue. We recommend checking the chlorine tube twice a month, add chlorine if need [three (3) to five (5) tablets], depending on use. Monitor the chlorine use to determine when to add tablets to the tube. Carefully place the tube in the chlorinator. **DO NOT DROP A TUBE FILLED WITH TABLETS. DAMAGE TO THE DISPENSER, TUBE, AND/OR TABLETS WILL OCCUR AND THIS IS NOT COVERED BY THE WARRANTY.**

*****CHLORINE MISUSE WARNING*****

Improper chlorine use can cause severe damage to the probe, pump, and other components in the SYSTEM. It can also create hazardous health conditions for those with exposure to the application area. The proper chlorine tablets are available from your INSTALLER. They are specially formulated for small wastewater flows and are an anti-wicking CALCIUM HYPOCHLORITE FORMULA. They are EPA registered and minimize excess residuals in the environment which may prove harmful to human or other life. **The average household should use three (3) to five (5) tablets per month.** If tablet use is greater than this, look for excessive water use.

Environmental Protection Agency personnel are targeting the misapplication of chlorine products for more stringent enforcement. According to the EPA, the use of swimming pool chlorine in the treatment of wastewater effluent is a violation of the Federal Insecticide, Fungicide, and Rodenticide Act Sections 136n-2g and 136j(a)g. **The FIFRA regulations essentially state anyone who is using a chlorine product for applications other than those stated on the product's labeling is potentially subject to fines or imprisonment. Individual users can be fined \$500 for the first offenses and \$2,000 for subsequent violations.**

DON'T KILL YOUR BUGS! Your aerobic wastewater treatment plant is a "living" machine that houses a micro-organism "bug colony" that consumes organic waste. These micro-organisms require oxygen and appropriate "food" (organic waste devoid of toxins) to survive.

"DO'S AND DON'T'S"

For Owners of Aerobic Wastewater Treatment Systems

The following "do's" and don't's" should be practiced by the homeowner:

- ★ Medicines: If anyone in your household is ingesting strong medicines, antibiotics, chemotherapy, or other; the health of your "bug colony" may be jeopardized.
- ★ Do not dispose of grease, fats, and oils.
- ★ Do not dispose of pesticides, herbicides, or any other toxins.
- ★ The garbage disposal should be used sparingly. Food waste, grease, etc. should be disposed of in the solid waste bin. Food waste represents additional loading the aerobic treatment unit would have to digest, increasing pump out intervals.
- ★ Do not dispose of paints, household chemicals, automobile fluids, or discard mop water into the system.
- ★ Do not dispose of non-biodegradable items such as cigarette butts, disposable diapers, feminine hygiene products, condoms, hair, coffee grounds, paper towels, bandages, etc.
- ★ Wash loads must be spread out over the week. More than one (1) wash load per day is not recommended. Never use laundry detergents with "built-in" bleach.
- ★ Do not dispose of citrus products (oranges, lemons, grapefruit, etc.).
- ★ Do not use drain cleaners or additives for septic systems like "Rid-X" or similar products.
- ★ Do not connect other water sources to the system.
- ★ Water softener discharge kills the micro-organisms in your wastewater treatment system.
- ★ Do not dispose of alcoholic beverages or home brewery waste.
- ★ Do not dispose of strong disinfectants or bleaches, such as "Clorox," "Lysol," or "Pine-Sol." Anti-bacterial soaps should be avoided.
- ★ Never use automatic toilet bowl cleaning dispensers such as "Tidy Bowl."
- ★ Recommended detergents are low-sudsing, low in phosphates, and biodegradable with washing soda ingredients. Fabric softener dryer sheets are recommended.
- ★ Recommended cleaning products are non-chlorine, biodegradable, non-toxic, and non-corrosive.

Improper or excessive loading will result in costly and more frequent pumping out of sludge from your aerobic wastewater treatment system. Homeowner is responsible for chlorine maintenance.

WATER CONSERVATION MEASURES FOR ON-SITE SEWAGE FACILITY (OSSF)

AN OSSF SHOULD NOT BE TREATED AS IF IT WERE A NORMAL CITY SEWER SYSTEM

The excessive use of in-sink garbage grinders and grease discarding should be avoided.

Do not use the toilet to dispose of cleaning tissues, cigarette butts, or other trash. This disposal practice will waste water and import undesired solids load on the treatment system.

Septic tanks shall be cleaned before sludge accumulates to a point where it approaches the bottom of the outlet device. If sludge or solids accumulates to this point, solids will leave the tank with the liquid and possibly cause clogging of the perforations in the drain field line resulting in sewage surfacing or backing up into the house through the plumbing fixtures.

Since it is not practical for the average homeowner to inspect his tank and determine the need for cleaning, a regular schedule of cleaning tank at intervals of two (2) to three (3) years should be established. Commercial cleaners are equipped to readily perform the cleaning operation.

Owners of septic tank systems shall engage only persons registered with the TCEQ to transport the septic tank cleanings.

Do not build driveways, storage buildings, or other structures over the treatment works or its disposal field.

Chemical additives or the so-called enzymes are not necessary for the operation of a septic tank. Some of these additives may even be hazardous to the tank's operation.

Soaps, detergents, bleaches, drain cleaner, and other household cleaning materials will very seldom effect the operation of the system. However, moderation should be exercise in the use of such materials.

It is not advisable to allow water softener back flush to enter into any portion of the OSSF.

Do not water over field lines nor within ten (10) feet of field lines.

WATER CONSERVATION MEASURES/PRACTICES:

Showers usually use less water than baths. Install a water saving shower head that uses less than two and a half (2 1/2) gallons per minute and save water and energy.

If you take a tub bath, reduce the level of water in the tub from the level to which you customarily fill it.

Leaky faucets and faulty toilet fill-up mechanisms should be repaired as quickly as possible.

Check toilets for leaks that may not be apparent. Add a few drops of food coloring to the tank. Do not flush. If the color appears in the bowl within a few minutes, the toilet fill or ball-cock valve needs to either be adjusted to prevent water from overflowing and tank pipe, or the flapper at the bottom of the toilet tank needs to be replaced.

Reduce the amount of water used for flushing the toilet by installing one of the following. A new toilet (1.6 gallon); a toilet tank, dam, or the capped one-quart plastic bottles with water (usually one is all that will fit in smaller toilet tanks) and lowering them into the tank existing 3.5 gallon or larger toilet. Do not use bricks since that may crumble and cause damage to the fixture.

Whenever possible, try to run the dishwasher with a full load.

Avoid running the water continuously for brushing teeth, washing hands, rinsing kitchen utensils or for cleaning vegetables.

Use faucet aerators that restrict flow to no more than 2.2 gallons per minute to reduce water consumption.

Keep a container of drinking water in the refrigerator instead of running the faucet until the water turns cool.

Insulate all hot water pipes to avoid long delays of wasted water while waiting for the heated water.

RECOMMEND CARE OF SURFACE OR SUBSURFACE - DISPOSAL AREA:

Do not plant any shade trees in this area.

Settling of the backfill will occur over time. Owner should continually check for this and fill in any places to prevent rainfall from pooling on the surface of the drain field or spray field.

Plant a dense grass or ground cover in the spray field/drain field area. Over seed with winter grasses (or evergreen ground cover) for absorption during dormant growing seasons.

The grass should be kept mowed to allow as much sunlight as possible to reach the ground surface. This aides in the evapotranspiration water/wastewater and prevent soil erosion.