



Disposal Type
Surface Irrigation

PERMIT NO. 0719814515

APPLICATION FOR ON-SITE SEWAGE FACILITY
PERMIT AND LICENSE
BRAZORIA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT
111 East. Locust Bldg A-29, Suite 270 ANGLETON, TX. 77515
HOUSTON (281)756-1600 ANGLETON (979)864-1600 CLUTE (979)388-1600

CHANGE OF OWNER NAME ON PERMIT

NAME: SAPPINGTON, CHRISTOPHER

DATE 01/05/2018
(Property Transferred to This Owner)

Mailing Address: 4648 CR 671 ANGLETON, TX77515

SITE ADDRESS: 4648 CR 671 PURSLEY RD ANGLETON, TX 77515

LOT DIMENSIONS/Acreage: 2.123 AC

LEGAL DESCRIPTION:

ABSTRACT 45 Sec. Block Lot 28L-28II

SUBDIVISION:

DESIGNER: WILLIAM C. WADE, R.S.

SITE EVALUATOR: WILLIAM C. WADE, R.S.

INSTALLER: STEPHEN WALTERS

MANUFACTURER: NATIONAL WASTEWATER SYSTEMS, INC

FINAL INSPECTION DATE: 1/8/2008

TYPE SYSTEM: Residential 4 Bedrooms Living Area (sq. ft.) 1588

COMMERCIAL/INSTITUTIONAL: True or False ---- False

MULTI-HOOK-UP: True or False --- False

FORMER OWNER OF RECORD: BAILEY, KAREN

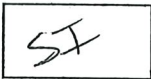
FORM COMPLETED BY: Uma Gordon DATE: 3/4/2019

See Attached Brazoria County Appraisal District Record and/or Deeds for this property.



PERMIT NO. 0719814515
YY JJJ NNNNN

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office use only
homeowner training after
first 2 years

THIS APPLICATION WILL EXPIRE ONE (1) YEAR FROM THE APPLICATION DATE IF FINAL INSPECTION IS NOT COMPLETED.
I hereby make application for a license to construct and operate an on-site sewage facility in Brazoria County, Texas. Permit fee is \$210.00 for a single family dwelling and \$410.00 for all other types. Make payable to the Brazoria County Environmental Health Department. No refunds once permit is submitted.

NAME BAILEY KAREN DATE 06-04-2007
(LAST) (FIRST) (INT)
Mailing Address: P.O. Box 1265 ANGLETON TEXAS 77516
(STREET & BOX) (CITY) (STATE) (zip)
Home Phone (979) 848-1631 Office (713) 358-5814

LOCATION OF CONSTRUCTION: Commissioners Precinct (1) (2) (3) (4)

SITE ADDRESS: 4648 C.R. 671 ANGLETON TEXAS 77515
(STREET & COUNTY ROAD) (CITY) (STATE) (ZIP)
2.123 ACRES 000 SHAPED

LOT DIMENSIONS/Acreage ft. by Water Source: Private Public N.A.
(name)

LEGAL DESCRIPTION: Sec. - Block TRACT 281-28 II Lot - Subdivision/Date J.W.D. BRADLEY, A.B.45

SINGLE FAMILY RESIDENCE: NO. of Bedrooms 4 Living Area (sq. ft.) 1588
COMMERCIAL/INSTITUTIONAL (including multi-family residences) TYPE N.A.
NO. OF EMPLOYEES/OCCUPANT/UNITS: N.A. DAYS OCCUPIED PER WEEK: N.A.

SITE EVALUATOR: William C. Wade CERTIFICATION NO: OS# 7391
Professional design required? yes no if yes, professional design attached: yes no

DESIGNER: William C. Wade LICENSE NO. (P.E. OR P.D.) RS# 2703 PH# 979-265-9507
INSTALLER: STEVE WALTERS REGISTRATION # OS# 7427 PHONE # (979) 848-1218

Daily Wastewater Usage Rate: Q= 300 (gallons/day) Water saving devices: yes No

Disposal system: Type: S-I Area required 7318 SQ-FT.
SPRAY AREA sq.ft. 2x35 RADIUS: 7697 SQ-FT. plans: As per 285.7 O.S.S.F. Rules

L.P.D. / Pumped Effluent drain field size sq.ft. N.A. Length: N.A. Width: N.A. Depth: N.A.

Standard drain field size lineal ft. N.A. Length: N.A. Width: N.A. Depth: N.A.

Sewer (House drain): Type and size of Pipe: 3" OR 4" SCH. 40 PVC Slope of sewer pipe to tank: 1/8" PER FOOT

Treatment Unit:
Septic Tank: Tank dimensions: N.A. Liquid depth (tank bottom to outlet): N.A. Size required: N.A.
Size proposed: N.A. Concrete: N.A. Fiberglass: N.A. Other: N.A.
Aerobic: Manufacturer: SOLAR A18 Model: SA-500 Size required: 300 GPD Size proposed: 500 GPD
Concrete: Fiberglass: N.A. Other: N.A.
Aerobic Treatment Tank Serial Number: Other: N.A.

Additional Information: (note-This information must be attached for review to be completed.)
A) Site Evaluation B) Planning Materials C) Pump Data D) Spray maintenance agreement/affidavit to the public(filed)

APPROVAL OF APPLICATION:

APPROVAL DISAPPROVAL DATE 07/17/07 INSPECTOR Sheriff Sulton #6358

I certify that the above statements are true and correct to the best of my knowledge. Authorization is hereby given to the Brazoria County Environmental Health to enter upon the above described property for the purpose of lot evaluation and inspection of On-Site Sewage facility and that a permit to operate the application will be granted following successful inspection of the installed system which indicates that the system was installed in compliance with this commission's On-Site Sewage Facility Rules, TAC 30 Chapter 285.

06719256 (Signature of Owner) Date 06-04-2007

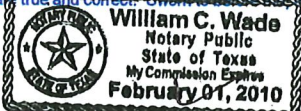
Owner's Driver License Number

ACKNOWLEDGMENT

STATE OF TEXAS

COUNTY OF BRAZORIA

Before me, the undersigned authority, on this day personally appeared KAREN BAILEY known to me to be the person(s) whose name(s) is/are signed to the foregoing application and duly sworn by me, each states under oath that he had read the said application and that all facts therein set forth are true and correct. Witness my hand and seal of office this 04 day of JUNE 20 07



TRENCH: APPROVAL DISAPPROVAL DATE 1/8/08 INSPECTOR Jessica

FINAL/COVER: APPROVAL DISAPPROVAL DATE 1/8/08 INSPECTOR Jessica

COMPLIANCE: This form must be completely filled out in blue or black ink to be accepted. Drawings must also be in blue or black ink. A diagram showing building, water well, septic tank, and drain field with distance in feet from all points must be supplied. You must note ANY body of water. PERMIT 3/27/02/jcs

Karen Bailey
4648 C.R. 671
Angleton, Texas 77515

Aerobic /Disinfection/Surface Spray Design
 4 B.R. Home <3,500 sq. ft. L.A. with Water Saving Devices
 Design flow = 300 Gallons per Day (Q)
 Irrigation Rate used = 0.041 Gallons / Sq. Ft. / Day (Ri)
 Spray area required = (Q/Ri) = 300 / 0.041 = 7,318 sq. ft.

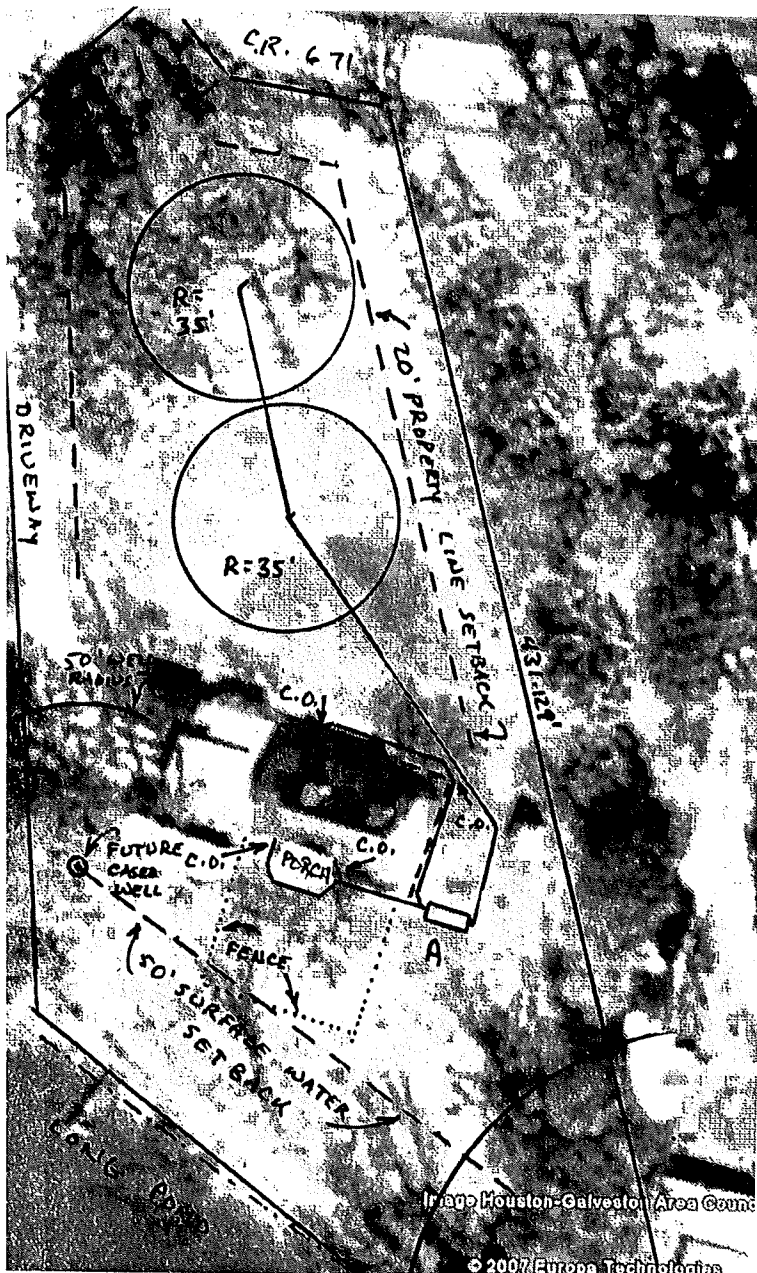
A = 500 Gallon per day Aerobic Unit with pretreatment tank
 and pump tank

Solar Air Model SA - 500N
Day / Demand Pumping Unit

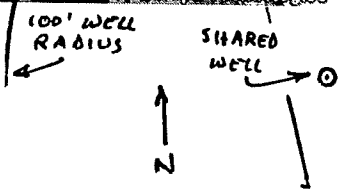
Spray Field Configuration:

Number of sprinklers	2
Radius of each sprinkler, feet	
2 at	35 feet, full circle
Total area under spray , square feet	7697
Total flow, GPM:	4.8
Supply Line Friction Loss, feet:	7.83
Pump tank head, feet:	5
Required pressure, feet (30 p.s.i. =)	69.3
Total head required for pump, feet:	82.1
Maximum allowable daily flow, gallons:	315.6

1. Affidavit to the Public required
2. Ongoing Maintenance Agreement required
3. Continuous disinfection required
4. Brazoria County Permit required
5. Class 200 pvc minimum supply line
6. Schedule 40 pvc gravity line to treatment units
7. All pressure pipe to be purple
8. All stubouts require a cleanout (3 known)
9. Cleanouts required every 50 ft. on gravity lines



ELEVATION VIEW
 440 FT.
 APPROX. SCALE
 1" = 60'
 0 20 40 60
 FEET



William C. Wade, R.S.
 R.S. # 2703
 June 30, 2007

WC Wade
RS #2703
06-30-2007