

LIVE OAK COUNTY HEALTH UNIT

- NEW INSTALLATION
- MODIFICATION

COUNTY OF LIVE OAK
 APPLICATION FOR ON-SITE SEWAGE FACILITY
 NEW CONSTRUCTION AND MODIFICATION

TNRCC REGION NUMBER 11

COUNTY USE ONLY
783064
APPLICATION NO.
5/22/03
DATE
5,000
17,000
AMOUNT

1. PROPERTY OWNER'S NAME: Burdette William Edward
(LAST) (FIRST) (MIDDLE)
2. PERMANENT MAILING ADDRESS: 2600 Rudd Field Rd., Corpus Christi, Tx 78411
3. TELEPHONE NO. DURING DAY: (361) 991-7233
4. SITE ADDRESS: 1631 Gallant Fox Rd.
5. LEGAL DESCRIPTION: Sec. 1X Block B Lot 445
SUBDIVISION: Lake Vista
OTHER THAN SUBDIVISION: ACREAGE _____ SURVEY _____
6. SOURCE OF WATER: Private Well Public Water Supply
(Name of Supplier) _____
7. SINGLE FAMILY RESIDENCE: No. of Bedrooms 1 Living Area (ft²) 864 Q= 180
8. COMMERCIAL/INSTITUTIONAL (including multi-family residences) TYPE:
NO. OF EMPLOYEES/OCCUPANTS/UNITS: _____ DAYS OCCUPIED PER WEEK: _____
9. SITE EVALUATOR: Manuel Arredondo CERTIFICATION NO.: 3136
PHONE NO.: (361) 438-8413
10. DESIGNER: _____ LICENSE NO. (PE or RS): _____
PHONE NO.: _____
11. INSTALLER: Manuel Arredondo REGISTRATION NO.: 3136
PHONE NO.: (361) 438-8413

I certify that the above statements are true and correct to the best of my knowledge. Authorization is hereby given to the Live Oak County Health Inspector 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 facility will be granted following successful inspection of the installed system which indicates that the system was installed in compliance with the Texas Natural Resource Conservation Commission's On-Site Sewage Facility Rules, TAC 30, Chapter 285.

12. W. E. Burdette May 21, '03
(SIGNATURE OF OWNER) (DATE)

COUNTY OF LIVE OAK



Arrowhead

COUNTY HEALTH UNIT

GEORGE WEST, TEXAS
78022

PRIVATE SEWAGE FACILITY LICENSE

LICENSE NUMBER 083064

On the day hereinbelow stated, the undersigned authority did issue to the hereinafter mentioned licensee, this license to install and operate a private sewage facility on the hereinafter mentioned premises, in accordance with the application, plans and specifications submitted in support hereof, with the Rules of Live Oak County, Texas for Private Sewage Facilities, and with the Laws of the State of Texas.

LICENSEE William Edward Burdette

ADDRESS 2600 Rodd Field Rd. / Corpus Christi, TX 78414

SUBDIVISION Lake Vista UNIT BLK B LOT 4 & 5
In Live Oak County, Texas

IN WITNESS WHEREOF, I hereunto set my hand at George West, Live Oak County, Texas,
this 03 day of July, 20 03.

NOTICE:
Attach this license to
Deed or Lease Records

[Signature] 056607
Designated Representative

SPECIAL NOTICE: This approval does not extend to the materials, workmanship, or fabrication of the system, so as to expressly or impliedly grant the owner or installer of the system any warranty by or rights against Live Oak County Health Department as to quality or durability of the system nor compliance with the owners individual specification and requirements, but solely relates to the system meeting the requirements of the above-named regulatory body in effect as of this date.

FACILITY OWNER'S RESPONSIBILITIES

A properly designed on-site sewerage facility, properly constructed in a suitable soil, can malfunction if the amount of water it is required to dispose of is not controlled. It will be the responsibility of the owner to maintain and operate the facility in a satisfactory manner. The proper performance of an on-site sewerage facility cannot be guaranteed even though all provisions of these standards have been met. Inspection and licensing of an on-site sewerage facility by the licensing authority shall indicate only that the facility meets minimum requirements and does not relieve the owner of the property from complying with county, state, and federal regulations. On-site sewerage facilities, although approved as meeting minimum standards, must be upgraded by the owner, at the owner's expense, if unsanitary conditions are created, if pollution or nuisance conditions are threatened or occur, or if the facility when used does not comply with governmental regulations.

LIVE OAK COUNTY HEALTH DEPARTMENT
P. O. Box 670
George West, Texas 78022
(361) 449-2733 Ext. 128
CONSTRUCTION PERMIT

For New or Modified Installation of a Private Sewage Disposal System

Issued to: W E. Burdette

Address: 2600 Radd Field Rd. Permit No. 083064

Cooper, Christi, TX 78414 Date 5-22-03

Installer (Copy to) M Amador 3136

For proposed system as describe below, which has been approved (either as originally received, OR with the changes required), to be installed at the location described in the application referenced above.

You are requested to notify the Live Oak County Health Department approximately 48 hours before you are ready to cover system so that the final inspection can be made. For the final inspection, the tank shall be in place and full of water, all drainlines connected and distribution pipe in place, geo textile material and sand (if applicable) on the site. BEFORE THE SYSTEM WILL PASS FINAL INSPECTION, IT MUST CONFORM TO THE DESIGN AND SPECIFICATIONS AS SET FORTH BELOW.

Joe Chap 056607
Designated Representative

DIAGRAM OF PROPOSED SYSTEM ON BACK.

Tank Information

- Capacity of tank 1000
Tank made of: () Fiberglass
() Precast Concrete
() Other _____

Absorption Field Information

- Soil Class TII
() Trench or Ditch System
(x) (Wd) 36 In. x (Lg) 100 Ft. MPS-13
() Leaching Chamber Panels No. _____
() Absorption Bed System
() Evapotranspiration Bed System
() (Wd) _____ Ft. x (Lg) _____ Ft.

- Washed rock or gravel shall be 1 1/2 - 2 1/2 in.
() Washed sand to used
() Sandy loam back-fill required.

Special Instructions:

DATE: 5-23-03

LIC.# 083064

SEPTIC SYSTEM INSPECTION-FIELD NOTES

LOCATION: W&E, Burdette

NO. OF BEDROOMS: 1

INSPECTOR: Paul Ches

BUILDER: _____

INSTALLER: M. Burdette

I. TANK TYPE:

- 1. FIBERGLASS _____ SHAPE A. CYLINDER _____ B. DOME _____ C. LOW PROFILE _____
D. OTHER: _____
- 2. CONCRETE _____ TYPE: A. PRECAST VERTICAL CYLINDER _____ B. PRECAST RINGS _____
C. PRECAST BOX _____ D. POURED IN PLACE _____
- 3. DIMENSIONS OF TANK: A. INSIDE DIAMETER _____
B. INSIDE LENGTHS OF SIDES _____
C. LIQUID DEPTH, OR DISTANCE FROM TANK BOTTOM TO OUTLET BOTTOM _____
D. AIRSPACE, APPROX. _____
E. APPROXIMATE GALLON CAP. 1000

II. DRAINFIELD:

- 1. TYPE: A. TRENCH _____ B. BED _____ C. EVAPOTRANSPIRATION _____
- 2. COMPLIANCES: A. DISTANCE FROM PRIVATE WELL _____
B. DISTANCE FROM PROPERTY LINE _____
C. DEPTH OF BED OR TRENCHES _____
D. DESCRIBE BACKFILL MATERIAL _____
- 3. DIMENSIONS: 100' X 36" MPS-13 = _____ SQ. FT.
- 4. MULTIPLE OR ALTERNATING FIELDS: A. BED #1 _____ X _____ = _____ SQ. FT.
B. BED #2 _____ X _____ = _____ SQ. FT.
- 5. GRAVEL: A. NATURAL _____ CRUSHED _____ B. WASHED _____
C. AMOUNT _____ YARDS, OR _____ TONS. (PER INSTALLER)
- 6. SAND ON SITE _____ A. AMOUNT _____
- 7. PIPE: A. TYPE _____ B. BRAND (IF KNOWN) _____
C. NUMBER OF FEET _____

III. GENERAL CONDITIONS AND WORKMANSHIP:

	YES	NO	N/A
1. SOLID LINES FROM HOUSE GLUED AND BEDDED IN SAND:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. T'S INSTALLED IN TANK:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. BED OR TRENCH BOTTOM ESSENTIALLY LEVEL:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. GRAVEL GENERALLY CONSISTENT 12 INCH DEPTH THROUGHOUT FIELD:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. PERFORATED PIPE GENERALLY LEVEL THROUGHOUT FIELD:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. ALL MATERIAL (TANK, LID, PIPE, ETC.) IN SOUND CONDITION WITHOUT CRACKS, SPLITS, OR BREAKS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. HOLES AROUND INLET AND OUTLET ARE CEMENTED, GROUTED, OR OTHERWISE SEALED:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. TANK HAS A BOTTOM:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. EVIDENCE OF SEEPS OR SHALLOW GROUNDWATER:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. TANK (IF FIBERGLASS) BEDDED IN SAND:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. PIPE IN DRAINFIELD COVERED BY GRAVEL:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. SOIL CONDITIONS DRY AT TIME OF INSTALLATION:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

IV. REMARKS: Q=150 gals only for 100' MPS-13

By: Paul Ches
Designated Representative or Contractor

5-23-03
Date

MANUEL ARREDONDO
(361) 438-8417

CERTIFICATION NO. 3136

SITE EVALUATION REPORT

DESCRIPTION OF PROJECT

NAME: William Edward Burdette

ADDRESS: 2600 Road Field Rd C C TX 79114

COUNTY: Nueces

SITE ADDRESS: 163 Gallent Fox Rd in Arrow Head Sub.

SOILS: Class III

DRAINAGE: Good surface drainage . good subsurface drainage due to class III dirt.

TOPOGRAPHY, LOT SIZE, SET BACKS: Generally flat area with sloping grounds. Adjacent to airport landing grass field . Open area on the west side of the property.
Property consists of lots # 4&5, 120ft x 120ft. There is enough room to accommodate all setbacks

SUMMARY OF FINDING:

Dwelling building is a 3750 sq. ft metal building airplane hanger with a one bedroom living quarters.

DISPOSAL PPTIONS: Traditional gravity flow X . Pump effluent X .

LPD X . Aerobic system X .

RECOMMENDATIONS: A traditional gravity flow system should work adequately in this type of soil.
A minimum 750 gallon dual compartment septic tank with 90LF of MP13 drainfield pipe should be adequate of this type of living quarters.

LIVE OAK COUNTY HEALTH UNIT
COUNTY OF LIVE OAK
ON-SITE SEWAGE FACILITY
TECHNICAL INFORMATION FOR PERMIT

APPLICATION # 083044

DO NOT BEGIN CONSTRUCTION PRIOR TO APPLICATION APPROVAL. UNAUTHORIZED CONSTRUCTION CAN RESULT IN CIVIL AND OR ADMINISTRATIVE PENALTIES.

OWNER'S NAME: William Burdette COUNTY: Live Oak
Professional design required?: Yes No If yes, professional design attached: Yes No

I. SEWER (House drain):
TYPE AND SIZE OF PIPE: 4" sch 40 PVC SLOPE OF SEWER PIPE TO TANK: 1/4/ft

II. DAILY WASTEWATER USAGE RATE: Q = 150 (gallons/day)
WATER SAVING DEVICES: Yes No

III. TREATMENT UNIT:

A. SEPTIC TANK:
• TANK DIMENSIONS: 67W x 60D x 98 1/2L • LIQUID DEPTH (BOTTOM OF TANK TO OUTLET):
• SIZE REQUIRED: 750 gallon

SIZE PROPOSED: 1000

B. AEROBIC:
• MANUFACTURER: _____ • MODEL #: _____
• SIZE REQUIRED: _____ • SIZE PROPOSED: _____
• PRETREATMENT TANK: Yes No

C. OTHER: _____
(Please attach description)

IV. DISPOSAL SYSTEM:

TYPE: gravity flow
• AREA REQUIRED: 100 LF • AREA PROPOSED: 100 LF

V. ADDITIONAL INFORMATION:

NOTE - THIS INFORMATION MUST BE ATTACHED FOR REVIEW TO BE COMPLETED.

A. SITE EVALUATION

B. PLANNING MATERIALS

The attached checklist details those items that must be addressed under each of these categories.

William Burdette
DESIGNER'S SIGNATURE

3136
REGISTRATION NO.

5/22/03
DATE

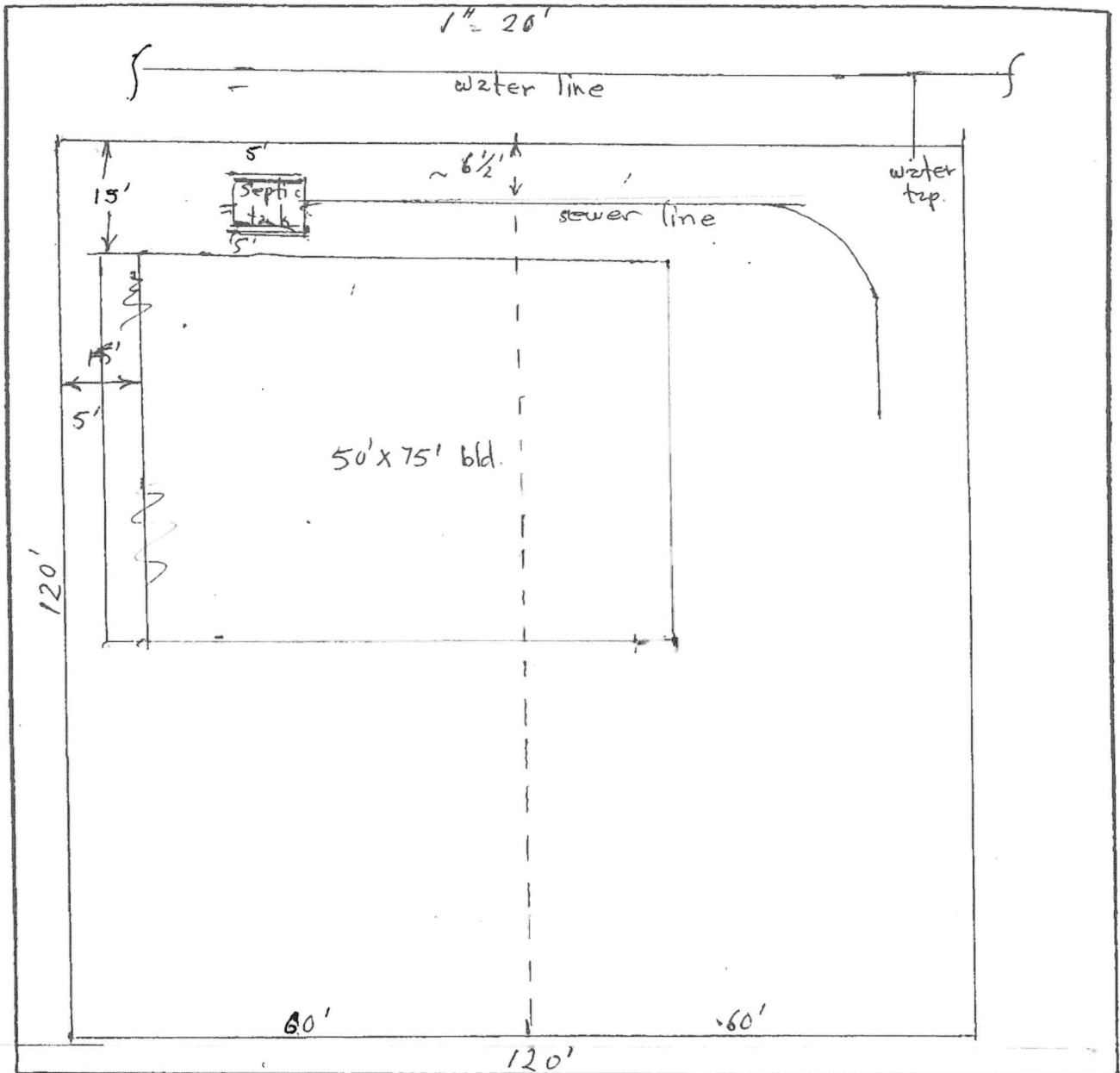
Site Drawing

Live Oak Co. Health Dept.
Drawer 670
George West, TX 78022

163 Gallant Fox Dr.
Lake Vistz
Live Oak County.

361-449-2733 ext*128

(FAX) 361-449-9473



* To be turn in /before Permit is issued!