



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. 22-0505
DATE PAID: 8/12/22
FEE PAID: 600.00
RECEIPT #: 1844428

APPLICATION FOR:

☐ New System ☒ Existing System ☐ Holding Tank ☐ Innovative
☐ Repair ☐ Abandonment ☐ Temporary ☐

APPLICANT: Charles Snipes

AGENT: T.J. Prevatt

TELEPHONE: 904-368-9777

MAILING ADDRESS: 800 N Thompson St Starke, FL 32091L

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3) (m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: _____ BLOCK: _____ SUBDIVISION: Geneice Acres PLATTED: 8/31/04

PROPERTY ID #: 28-4S-16-03235-005 ZONING: _____ I/M OR EQUIVALENT: [Y / N]

PROPERTY SIZE: 20.27 10.98 ACRES WATER SUPPLY: [X] PRIVATE PUBLIC [] <=2000GPD [] >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [Y / N] DISTANCE TO SEWER: _____ FT

PROPERTY ADDRESS: 446 SW Dusk Gln, Lake City, FL 32024

DIRECTIONS TO PROPERTY: R on US-90, L on FL-247 S, L on 242A, R on SW Ralph Terr, R on SW Daytime Dr, L on SW Twilight Way, R on SW Dusk Gln

BUILDING INFORMATION

[X] RESIDENTIAL

[] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	<u>SFR</u>			<u>21-0652</u>
2	<u>In-ground fiberglass pool</u>		<u>14'x30'</u>	
3				
4				

[] Floor/Equipment Drains [] Other (Specify) _____

SIGNATURE: [Signature]

DATE: 6/1/22

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
LABORATORY OF ORGANIC CHEMISTRY
CHICAGO, ILLINOIS 60637



1. The first part of the experiment was the synthesis of the compound. The reaction was carried out in a round-bottomed flask equipped with a magnetic stirrer and a reflux condenser. The reaction mixture was stirred for 24 hours at 60°C. The product was isolated by extraction with diethyl ether and dried over anhydrous sodium sulfate. The crude product was purified by column chromatography on silica gel using a gradient of ethyl acetate in hexanes. The pure compound was obtained as a colorless oil.

2. The second part of the experiment was the determination of the molecular weight of the compound. This was done by measuring the boiling point of the compound at reduced pressure. The boiling point was found to be 120°C at 0.5 mm Hg. This value is in good agreement with the calculated molecular weight of 150 g/mol.

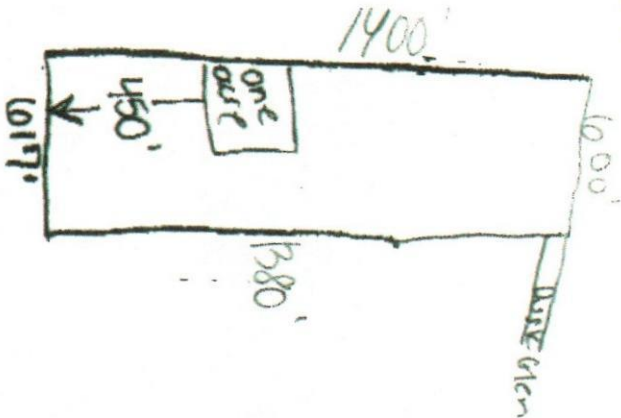
3. The third part of the experiment was the determination of the structure of the compound. This was done by measuring the infrared spectrum of the compound. The infrared spectrum showed a strong absorption band at 1715 cm⁻¹, which is characteristic of a carbonyl group. The ¹H NMR spectrum of the compound showed a singlet at 7.2 ppm (1H), a doublet at 6.8 ppm (2H), and a triplet at 2.5 ppm (3H). These data are consistent with the structure of the compound.

4. The fourth part of the experiment was the determination of the purity of the compound. This was done by measuring the refractive index of the compound. The refractive index was found to be 1.45 at 20°C. This value is in good agreement with the calculated refractive index of 1.46 for the pure compound.

5. The fifth part of the experiment was the determination of the stability of the compound. This was done by measuring the half-life of the compound. The half-life of the compound was found to be 12 hours at 25°C. This value is in good agreement with the calculated half-life of 10 hours for the pure compound.

22-0505

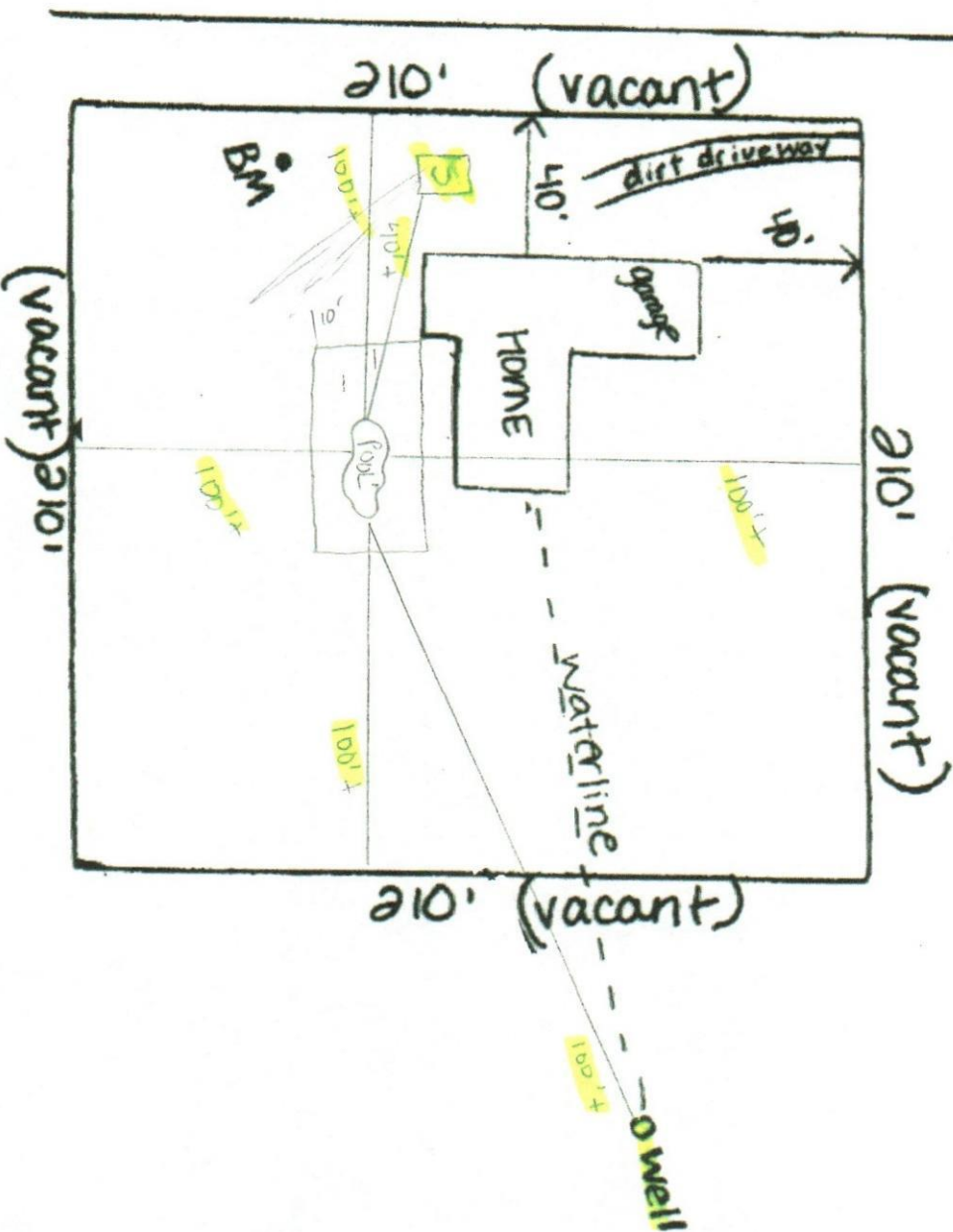
entire parcel is 20.27 acres
(not drawn to scale)



site plan - PAGE 2 OF 2

North ↑

ONE ACRE DETAILS -- ONE ACRE OF 20.27 TOTAL ACRES
not to scale



Address: 446 SW DUSK GLEN LAKE CITY, FLORIDA 32024

