



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM

PERMIT #: **05-SV-3065814**
 APPLICATION #: **AP2189190**
 DATE PAID: _____
 FEE PAID: _____
 RECEIPT #: _____
 DOCUMENT #: **PR2233940**

CONSTRUCTION PERMIT FOR: OSTDS New

APPLICANT: (EcoSun Homes LLC)

PROPERTY ADDRESS: 2957 Anjar Ave SW Palm Bay, FL 32908

LOT: 6 BLOCK: 2560 SUBDIVISION: Port Malabar Unit 49

PROPERTY ID #: 29-36-35-KS-2560-6

SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF SECTION 381.0065, F.S., AND CHAPTER 64E-6, F.A.C. DEPARTMENT APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFACTORY PERFORMANCE FOR ANY SPECIFIC PERIOD OF TIME. ANY CHANGE IN MATERIAL FACTS, WHICH SERVED AS A BASIS FOR ISSUANCE OF THIS PERMIT, REQUIRE THE APPLICANT TO MODIFY THE PERMIT APPLICATION. SUCH MODIFICATIONS MAY RESULT IN THIS PERMIT BEING MADE NULL AND VOID. ISSUANCE OF THIS PERMIT DOES NOT EXEMPT THE APPLICANT FROM COMPLIANCE WITH OTHER FEDERAL, STATE, OR LOCAL PERMITTING REQUIRED FOR DEVELOPMENT OF THIS PROPERTY.

SYSTEM DESIGN AND SPECIFICATIONS

T [	400]	GALLONS / GPD	NSF 245 Certified aerobic unit	CAPACITY
A [		GALLONS / GPD		CAPACITY
N [		GALLONS GREASE	INTERCEPTOR CAPACITY	[MAXIMUM CAPACITY SINGLE TANK:1250 GALLONS]
K [		GALLONS DOSING	TANK CAPACITY	[]GALLONS @[]DOSES PER 24 HRS #Pumps []

D [375] SQUARE FEET New bed drainfield **SYSTEM**

R [	]	SQUARE FEET	SYSTEM
-----	---	-------------	--------

A TYPE SYSTEM: ☐ STANDARD ☐ FILLED ☒ MOUND ☐

I CONFIGURATION: [] TRENCH [x] BED []

N

F LOCATION OF BENCHMARK: Surveyor's ribbon, center line of dirt road, SW property line, 19.39

I ELEVATION OF PROPOSED SYSTEM SITE [4.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT

E BOTTOM OF DRAINFIELD TO BE [10.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK / REFERENCE POINT

1

D FILL REQUIRED: [24.00] INCHES EXCAVATION REQUIRED: [] INCHES

The system is sized for 3 bedrooms with a maximum occupancy of 6 persons (2 per bedroom), for a total estimated flow of 300 gpd. Nitrogen-reducing NSF-245 certified aerobic treatment unit. Nitrogen-reducing system installed to comply with current or future spring BMAP requirements. Maintenance service agreement required. Biennial OSTDS operating permit from the department required. Audio and visual alarms must be installed and working prior to final approval. Remove topsoil throughout fill area including shoulders and slopes. (Comments Continued on Page 2.)

E

1

SPECIFICATIONS BY: Nicholas Iris TITLE: CEHP 23-2720

APPROVED BY: [Signature] TITLE: Environmental Specialist III Brevard CHD

DATE ISSUED: 04/07/2025 EXPIRATION DATE: 10/07/2026

DEP 4015, 06-21-2022 (Obsoletes previous editions which may not be used)

Incorporated 62-6.004, FAC

The O horizon of original topsoil and vegetation must be removed from beneath the drainfield, shoulder and slope area and the exposed underlying soil plowed or roughened to prevent formation of an impervious barrier between the fill and natural soil. Stormwater runoff control is required to divert drainage from drainfield area if dripline of roof is less than 5' from drainfield. Maintain all required setbacks including 75' to potable wells, 50' to surface water, and 5' to building foundations. Maintain 6' side easements and 20' rear easement. No part of the OSTDS including the 4' shoulders for a mound/filled system may be in the easements. Maintain 4' shoulders and 2:1 slopes. Mound must be constructed of slightly limited soil, including shoulder area. Property lines must be clearly marked for system inspection. Issuance of this permit does not relieve the owner of meeting the permit requirements of county, municipal, or other legally constituted authorities.

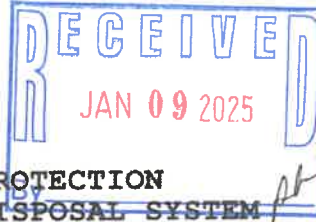
NOTICE OF RIGHTS

A party whose substantial interest is affected by this order may petition for an administrative hearing pursuant to sections 120.569 and 120.57, Florida Statutes. Such proceedings are governed by Rule 28-106, Florida Administrative Code. A petition for administrative hearing must be in writing and must be received by the Agency Clerk for the Department, within twenty-one (21) days from the receipt of this order. The address of the agency clerk is 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. The Agency Clerk's email is agency_clerk@FloridaDEP.gov.

Mediation is not available as an alternative remedy.

Your failure to submit a petition for hearing within 21 days from receipt of this order will constitute a waiver of your right to an administrative hearing, and this order shall become a 'final order'.

Should this order become a final order, a party who is adversely affected by it is entitled to judicial review pursuant to Section 120.68, Florida Statutes. Review proceedings are governed by the Florida Rules of Appellate Procedure. Such proceedings may be commenced by filing one copy of a Notice of Appeal with the Agency Clerk of the Department of Environmental Protection and a second copy, accompanied by the filing fees required by law, with the Court of Appeal in the appropriate District Court. The notice must be filed within 30 days of rendition of the final order.



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM

PERMIT NO. AP2189190

SITE EVALUATION AND SYSTEM SPECIFICATIONS

APPLICANT: EcoSun Homes AGENT: Harbor Septic, LLC
LOT: 6 BLOCK: 2560 SUBDIVISION: PM Unit 49
PROPERTY ID #: 29-36-35-K3-2560-6 [Section/Township/Parcel No. or Tax ID Number]

TO BE COMPLETED BY ENGINEER, HEALTH DEPARTMENT EMPLOYEE, OR OTHER QUALIFIED PERSON. ENGINEERS MUST PROVIDE REGISTRATION NUMBER AND SIGN AND SEAL EACH PAGE OF SUBMITTAL. COMPLETE ALL ITEMS.

PROPERTY SIZE CONFORMS TO SITE PLAN: ☒ YES ☐ NO NET USABLE AREA AVAILABLE: 0.23 ACRES
TOTAL ESTIMATED SEWAGE FLOW: 300 GALLONS PER DAY (TABLE D) / OTHER]
AUTHORIZED SEWAGE FLOW: 345 GALLONS PER DAY (1500 GPD/ACRE OR 2500 GPD/ACRE)
UNOBSTRUCTED AREA AVAILABLE: 750 SQFT UNOBSTRUCTED AREA REQUIRED: 563 SQFT

BENCHMARK/REFERENCE POINT LOCATION: Surveyor's Ribbon, C of dirt road, SWPL, 19.39 47"
ELEVATION OF PROPOSED SYSTEM SITE IS 4 (INCHES/FT) (ABOVE/BELOW) BENCHMARK/REFERENCE POINT

THE MINIMUM SETBACK WHICH CAN BE MAINTAINED FROM THE PROPOSED SYSTEM TO THE FOLLOWING FEATURES
SURFACE WATER: 56 FT DITCHES/SWALES: 70 FT NORMALLY WET? ☐ YES ☒ NO
WELLS: PUBLIC: NA FT LIMITED USE: NA FT PRIVATE: 80 FT NON-POTABLE: NA FT
BUILDING FOUNDATIONS: 5 FT PROPERTY LINES: 8.5 FT POTABLE WATER LINES: 55 FT

SITE SUBJECT TO FREQUENT FLOODING: ☐ YES ☒ NO 10 YEAR FLOODING? ☐ YES ☒ NO
10 YEAR FLOOD ELEVATION FOR SITE: _____ FT MSL/NGVD SITE ELEVATION: _____ FT MSL/NGVD

SHWT 16.5" ↓ FPR
SOIL PROFILE INFORMATION SITE 1 45.5"

MUNSELL #/COLOR	TEXTURE	DEPTH
10YR 7/3	S	0 TO 28
10YR 6/8	Redox	18 TO 28
10YR 4/3	S	28 TO 34
10YR 5/3	SCL	34 TO 50
10YR 5/2	LS	50 TO 72
		TO
		TO
		TO
		TO
USDA SOIL SERIES: <u>Pineda</u>		

SHWT 14" ↓ FPR
SOIL PROFILE INFORMATION SITE 2 43"

MUNSELL #/COLOR	TEXTURE	DEPTH
10YR 7/3	S	0 TO 30
10YR 6/8	Redox	18 TO 30
10YR 4/3	S	30 TO 36
10YR 5/3	SCL	36 TO 48
10YR 5/2	LS	48 TO 72
		TO
		TO
		TO
		TO
USDA SOIL SERIES: <u>Pineda</u>		

OBSERVED WATER TABLE: 772 INCHES [ABOVE / BELOW] EXISTING GRADE. TYPE: [PERCHED / APPARENT]
ESTIMATED WET SEASON WATER TABLE ELEVATION: 18 INCHES [ABOVE / BELOW] EXISTING GRADE
HIGH WATER TABLE VEGETATION: ☐ YES ☒ NO WSWT INDICATOR: ☒ YES ☐ NO DEPTH: 18 INCHES

SOIL TEXTURE/LOADING RATE FOR SYSTEM SIZING: S/L DEPTH OF EXCAVATION: NA INCHES
DRAINFIELD CONFIGURATION: ☐ TRENCH ☒ BED ☐ OTHER (SPECIFY) BOD 10" ↑ FPR
REMARKS/ADDITIONAL CRITERIA: Root channels 6" - 14". Redox @ 18".

ESWWT based on 10YR 6/8 CMN/PRM redox features @ 18" of site #2.

Nick Iris CEHP #23-2720

SITE EVALUATED BY: _____ DATE: 1/8/25

DEP 4015, 06-21-2022 (Obsoletes previous editions which may not be used)

Incorporated: 62-6.004, FAC