



STATE OF FLORIDA  
DEPARTMENT OF HEALTH  
ON-SITE SEWAGE TREATMENT AND DISPOSAL  
SYSTEM

PERMIT #: 05-SV-3057632  
APPLICATION #: AP2184056  
DATE PAID: \_\_\_\_\_  
FEE PAID: \_\_\_\_\_  
RECEIPT #: \_\_\_\_\_  
DOCUMENT #: PR2220445

CONSTRUCTION PERMIT FOR: OSTDS New  
APPLICANT: (EcoSun Homes LLC)  
PROPERTY ADDRESS: 226 Bayshore Ave NW Palm Bay, FL 32907  
LOT: 5 BLOCK: 587 SUBDIVISION: Port Malabar Unit 14  
PROPERTY ID #: 28-36-35-EY-587-5 [SECTION, TOWNSHIP, RANGE, PARCEL NUMBER]  
[OR TAX ID NUMBER]

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 [x] MOUND [ ] \_\_\_\_\_  
I CONFIGURATION: [ ] TRENCH [x] BED [ ] \_\_\_\_\_

N  
F LOCATION OF BENCHMARK: N & D, centerline, NE property line, elev. 22.03  
I ELEVATION OF PROPOSED SYSTEM SITE [ 5.50 ] [ INCHES / FT ] [ ABOVE / BELOW ] BENCHMARK/REFERENCE POINT  
E BOTTOM OF DRAINFIELD TO BE [ 13.50 ] [ INCHES / FT ] [ ABOVE / BELOW ] BENCHMARK/REFERENCE POINT  
L  
D FILL REQUIRED: [ 26.00 ] INCHES EXCAVATION REQUIRED: [ ] INCHES

O  
T  
H  
E  
R  
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.)

SPECIFICATIONS BY: Nicholas Iris TITLE: CEHP 23-2720  
APPROVED BY: Jennifer N Morley TITLE: Environmental Specialist III Brevard CHD  
DATE ISSUED: 03/05/2025 EXPIRATION DATE: 09/05/2026

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. Maintain all required setbacks including 75' to potable wells and 5' to building foundations. Maintain 6' side easements and 10' 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](mailto: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.

RECEIVED

DEC 10 2024

PERMIT NO. AR2184056



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

SITE EVALUATION AND SYSTEM SPECIFICATIONS

APPLICANT: EcoSun Homes, LLC AGENT: Harbor Septic, LLC  
LOT: 5 BLOCK: 587 SUBDIVISION: PM Unit 14  
PROPERTY ID #: 28-36-35-E4-587-5 [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: 0.24 ACRES  
TOTAL ESTIMATED SEWAGE FLOW: 300 GALLONS PER DAY [TABLE / OTHER]  
AUTHORIZED SEWAGE FLOW: 3100.345 GALLONS PER DAY (1500 GPD/ACRE OR 2500 GPD/ACRE)  
UNOBSTRUCTED AREA AVAILABLE: 756 SQFT UNOBSTRUCTED AREA REQUIRED: 563 SQFT

BENCHMARK/REFERENCE POINT LOCATION: N+D, C, SEPL, elev. 22.03 45.5"  
ELEVATION OF PROPOSED SYSTEM SITE IS 5.5 (INCHES/FT) (ABOVE/BELOW) BENCHMARK/REFERENCE POINT

THE MINIMUM SETBACK WHICH CAN BE MAINTAINED FROM THE PROPOSED SYSTEM TO THE FOLLOWING FEATURES  
SURFACE WATER: NA FT DITCHES/SWALES: 87.8 FT NORMALLY WET? [ ] YES  NO  
WELLS: PUBLIC: NA FT LIMITED USE: NA FT PRIVATE: 78 FT NON-POTABLE: NA FT  
BUILDING FOUNDATIONS: 11 FT PROPERTY LINES: 10 FT POTABLE WATER LINES: 53 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 10.5" ↓ FPR  
SOIL PROFILE INFORMATION SITE 1 40"

SHWT 12.5" ↓ FPR  
SOIL PROFILE INFORMATION SITE 2 40"

MUNSELL #/COLOR	TEXTURE	DEPTH
10YR 6/2	S	0 TO 6
10YR 5/1	S	6 TO 20
10YR 6/1	S	16 TO 26
10YR 7/3	S	26 TO 32
10YR 6/3	S	32 TO 48
10YR 5/2	LS	48 TO 52
	Refusal @ 52"	TO
		TO
		TO

USDA SOIL SERIES: Malabar

MUNSELL #/COLOR	TEXTURE	DEPTH
10YR 6/2	S	0 TO 4
10YR 5/1	S	4 TO 20
10YR 6/1	S	18 TO 30
10YR 7/3	S	30 TO 34
10YR 6/3	S	34 TO 44
10YR 5/2	LS	44 TO 54
	Refusal @ 54"	TO
		TO
		TO

USDA SOIL SERIES: Malabar

OBSERVED WATER TABLE: 39 INCHES [ABOVE ~~BELOW~~ EXISTING GRADE. TYPE: [PERCHED / APPARENT]  
ESTIMATED WET SEASON WATER TABLE ELEVATION: 16 INCHES [ABOVE / BELOW] EXISTING GRADE  
HIGH WATER TABLE VEGETATION: [ ] YES  NO WSWT INDICATOR:  YES [ ] NO DEPTH: 16 INCHES

SOIL TEXTURE/LOADING RATE FOR SYSTEM SIZING: Sl.6 DEPTH OF EXCAVATION: NA INCHES  
DRAINFIELD CONFIGURATION: [ ] TRENCH  BED [ ] OTHER (SPECIFY) BOD 13.5" ↑ FPR

REMARKS/ADDITIONAL CRITERIA:  
ESHWT based on 10YR 6/1 stripping in 10YR 5/1 matrix @ 11" of site #1.

Nick In's CEHP # 23-2720

SITE EVALUATED BY: \_\_\_\_\_ DATE: 12/5/24

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