

RECEIVED

By FDEP Siting Coordination Office at 4:20 pm, Oct 30, 2012

October 30, 2012

Ms. Cindy Mulkey
Office of Siting Coordination
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-3000

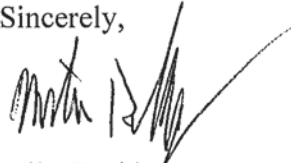
Re: Seminole Electric Cooperative, Inc.
Seminole Generating Station, Putnam County, Florida
Power Plant Certification No. PA78-10
Post-Certification Amendment to Application
Onsite Sewage Treatment and Disposal System

Dear Ms. Mulkey:

Pursuant to Section 403.5113(1)(a), Florida Statutes, and Rule 62-17.205, Florida Administrative Code, please accept this letter and attachment as a post-certification amendment to the Seminole Electric Cooperative, Inc. ("Seminole") Site Certification Application ("Application") for the Seminole Generating Station in Putnam County, Florida. This post-certification amendment addresses the installation of an Onsite Sewage Treatment and Disposal System (OSTDS), as described in the attached Department of Health Construction Permit dated September 26, 2012. Note that this permit requires compliance with Section 381.0065, Florida Statutes and Chapter 64E-6, F.A.C. The OSTDS was recently installed.

If the Department concurs, Seminole requests that this letter and its attachment be processed as a permissible post-certification amendment to the Site Certification Application. If you or any of the parties have any questions or concerns, or require additional information, please contact me at (813) 963-0994, ext. 1224.

Sincerely,



Mike Roddy
Director, Environmental Affairs
Seminole Electric Cooperative, Inc.

cc: Justin Gostnell, Seminole
Robert Yarbrough, Seminole
James Alves, Hopping Green & Sams



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

PERMIT #: **54-SP-1431368**
APPLICATION #: **AP1083946**
DATE PAID: 09/24/12
FEE PAID: 335.00
RECEIPT #: #54-BID-2090468
DOCUMENT #: **PR885817**

CONSTRUCTION PERMIT FOR: OSTDS New

APPLICANT: (Seminole Electric Co Op, Inc)

PROPERTY ADDRESS: 890 N HWY 17 Palatka, FL 32177

LOT: _____ BLOCK: _____ SUBDIVISION: _____

PROPERTY ID #: 07-09-27-0000-0030-0000

[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 [900] GALLONS / GPD Septic CAPACITY
A [] GALLONS / GPD _____ CAPACITY
N [] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK:1250 GALLONS]
K [375] GALLONS DOSING TANK CAPACITY [42.00] GALLONS @ [6] DOSES PER 24 HRS #Pumps [1]

D [319] SQUARE FEET _____ SYSTEM
R [] SQUARE FEET _____ SYSTEM

A TYPE SYSTEM: [] STANDARD [] FILLED [x] MOUND [] _____

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

N

F LOCATION OF BENCHMARK: Nail in Pine Tree 25' E of site

I ELEVATION OF PROPOSED SYSTEM SITE [40.00] [INCHES] FT [] ABOVE [x] BELOW BENCHMARK/REFERENCE POINT

E BOTTOM OF DRAINFIELD TO BE [36.00] [INCHES] FT [] ABOVE [x] BELOW BENCHMARK/REFERENCE POINT

L

D FILL REQUIRED: [22.00] INCHES EXCAVATION REQUIRED: [0.00] INCHES

O New System: Sized for Office Bldg. 1680sq.ft.with 8 employees for one shift. Performing Lift Dosing.
T Pumps must be certified as suitable for distributing sewage effluent.The licensed contractor installing the system is
H responsible for installing the minimum category of tank in accordance with s. 64E-6.013(3)(f), FAC. PERMIT
E SPECIFICATION BASED ON SITE EVALUATION BY GEOFF BATTEIGER TO BE CONFIRMED AT TIME OF
R INSTALLATION.

SPECIFICATIONS BY: David A Flowers TITLE: Env. Specialist II

APPROVED BY: [Signature] TITLE: EST Putnam CHD

DATE ISSUED: 09/26/2012

EXPIRATION DATE: 03/26/2014

DH 4016, 08/09 (Obsoletes all previous editions which may not be used)

Incorporated: 64E-6.003, FAC

Page 1 of 3



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

PERMIT NO. 54-SP-1431368
DATE PAID: 9/24/12
FEE PAID: 335.00
RECEIPT #: 54-BID-20104108
AP1083946

APPLICATION FOR:

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

APPLICANT: Seminole Electric Co Op, Inc

AGENT: Septic Services Inc

TELEPHONE: (386) 937-3178

MAILING ADDRESS: P O Box 988, East Palatka, FL 32131

=====

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: n/a BLOCK: n/a SUBDIVISION: n/a PLATTED: 1981

PROPERTY ID #: 07-09-27-0000-0030-0000 ZONING: Industrial I/M OR EQUIVALENT: ☒ Y ☐ N]

PROPERTY SIZE: 2006.19 ACRES WATER SUPPLY: ☐ PRIVATE ☐ PUBLIC ☒ <=2000GPD ☐ >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? ☐ Y ☒ N] DISTANCE TO SEWER: N/A FT

PROPERTY ADDRESS: 890 North Highway 17, Palatka, FL 32131

DIRECTIONS TO PROPERTY: 17 north to the big smoke stack on the right.

BUILDING INFORMATION

☐ RESIDENTIAL ☒ COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
---------	-----------------------	-----------------	--------------------	--

1	Office Trailer	0	1680	8 employees
---	----------------	---	------	-------------

2

3

4

NA Floor/Equipment Drains ☒ Other (Specify)

SIGNATURE: [Signature]

DATE: 9/25/12

DH 4015, 08/09 (Obsoletes previous editions which may not be used)
Incorporated 64E-6.001, FAC

Page 1 of 4

9/24/12 10:39 Paid

Exist
Septic

51-SP-1431368

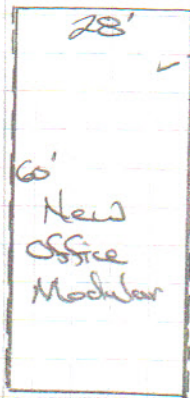
High Voltage Transfer Area

Chain Link Fence

1" 30'

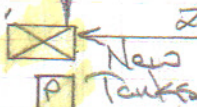
Water Line

Caswell Drive



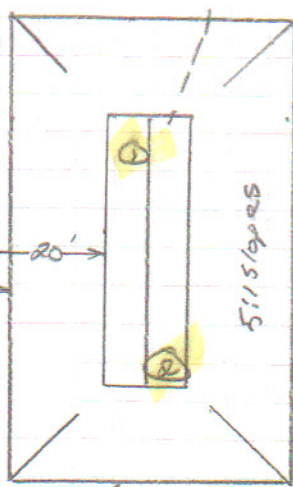
6000' to NP

2000' to East P



Dry Swale

New Drainfield



2000' to West P

Wooded area

▲ Bench GCS

No wells with 500' any direction

1000' to South P

[Signature]

9/24/12 10:39 Paid

Approved
9/26/12
Daryl A. Hulse
Proj. Geol. P.



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE DISPOSAL SYSTEM
SITE EVALUATION AND SYSTEM SPECIFICATIONS

PERMIT #
54-SP-1431368

APPLICANT: Sanikole Electric Coop AGENT: Septic Services Inc

LOT: NA BLOCK: NA SUBDIVISION: NA

PROPERTY ID #: 070927000000300000 [Section/Township/Range/Parcel No. or Tax ID Number]

TO BE COMPLETED BY ENGINEER, HEALTH UNIT EMPLOYEE, OR OTHER QUALIFIED PERSON. ENGINEER'S 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: 0.206 ACRES
TOTAL ESTIMATED SEWAGE FLOW: 252 GALLONS PER DAY [RESIDENCES-TABLE 1 / OTHER-TABLE 2]
AUTHORIZED SEWAGE FLOW: 10000+ GALLONS PER DAY [1500 GPD/ACRE OR 2500 GPD/ACRE]
UNOBSTRUCTED AREA AVAILABLE: 10000+ SQFT UNOBSTRUCTED AREA REQUIRED: 472 1/2 SQFT

BENCHMARK/REFERENCE POINT LOCATION: Nail in Pine tree, 25' East of Site (2)
ELEVATION OF PROPOSED SYSTEM SITE IS 40 [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: 20 FT NORMALLY WET? ☐ YES ☒ NO
WELLS: PUBLIC: 2000+ FT LIMITED USE: NA FT PRIVATE: NA FT NON-POTABLE: NA FT
BUILDING FOUNDATIONS: 5 FT PROPERTY LINES: 1000+ FT POTABLE WATER LINES: 20 FT

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

SOIL PROFILE INFORMATION SITE 1 - 40"

Munsell #/Color	Texture	Depth
2.5YR 3/3	FS	0 to 3"
4/4	FS	3" to 7"
5/3	FS	7" to 12"
5/4	FS	12" to 20"
6/4	FS	20" to 36"
10YR 6/6 CUN/10S7RF		36" to 40"
2.5YR 4/4	FS	40" to 60"
3/4	FS	60" to 72"
2.5/1	sp. cFS	72" to 120"
USDA SOIL SERIES: <u>Zel80-Like</u>		

SOIL PROFILE INFORMATION SITE 2 - 40" TBM

Munsell #/Color	Texture	Depth
2.5YR 3/3	FS	0 to 2"
4/4	FS	2" to 10"
6/3	FS	10" to 20"
6/4	FS	20" to 49"
10YR 6/6 CUN/10S7RF		49" to 54"
2.5YR 3/2	FS	54" to 68"
5/3	FS	68" to 72"
3/3	sp. cFS	72" to 120"
USDA SOIL SERIES: <u>Zel80-Like</u>		

OBSERVED WATER TABLE: 60 INCHES [ABOVE/BELOW] EXISTING GRADE. TYPE: [PERCHED / APPARENT]
ESTIMATED WET SEASON WATER TABLE ELEVATION: 20 INCHES [ABOVE/BELOW] EXISTING GRADE.
HIGH WATER TABLE VEGETATION: ☐ YES ☒ NO MOTTLING: ☒ YES ☐ NO DEPTH: 20-30 INCHES

SOIL TEXTURE/LOADING RATE FOR SYSTEM SIZING: FS/0.2 DEPTH OF EXCAVATION: NA INCHES
DRAINFIELD CONFIGURATION: ☒ TRENCH ☐ BED ☐ OTHER (SPECIFY)

REMARKS/ADDITIONAL CRITERIA:
Scrape down topsoils prior to sitting site.

SITE EVALUATED BY: [Signature] DATE: 8/28/12



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM
CONSTRUCTION INSPECTION AND FINAL APPROVAL

APPLICATION #: AP1083946
PERMIT #: 54-SP-1431368
DOCUMENT #: F1887740
DATE PAID: 09/24/2012
FEE PAID: 335.00
RECEIPT #: 54-PID-2018732

APPLICANT: Seminole Electric Co Op, Inc

AGENT: Geoff Batteiger (Septic Services)

PROPERTY ADDRESS: 890 N HWY 17 Palatka, FL 32177

LOT:

BLOCK:

SUBDIVISION:

ID#: 07-09-27-0000-0030-0000

CHECKED [X] ITEMS ARE NOT IN COMPLIANCE WITH STATUTE OR RULE AND MUST BE CORRECTED.

TANK INSTALLATION

[] [01] TANK SIZE [1] 900.00 [2] 525.00
[] [02] TANK MATERIAL Concrete
[] [03] OUTLET DEVICE
[] [04] MULTI-CHAMBERED [] Y / N []
[] [05] OUTLET FILTER Polylok
[] [06] LEGEND 1. 16-065-07DC4 2. 16-065-05SC4
[] [07] WATERTIGHT
[] [08] LEVEL
[] [09] DEPTH TO LID

DRAINFIELD INSTALLATION

[] [10] AREA [1] 406 [2] SQFT
[] [11] DISTRIBUTION BOX HEADER X
[] [12] NUMBER OF DRAINLINES 1. 3.00 2.
[] [13] DRAINLINE SEPARATION
[] [14] DRAINLINE SLOPE
[] [15] DEPTH OF COVER
[] [16] ELEVATION [] ABOVE / [] BELOW] BM 36.00
[] [17] SYSTEM LOCATION
[] [18] DOSING PUMPS
[] [19] AGGREGATE SIZE
[] [20] AGGREGATE EXCESSIVE FINES
[] [21] AGGREGATE DEPTH

FILL / EXCAVATION MATERIAL

[] [22] FILL AMOUNT
[] [23] FILL TEXTURE
[] [24] EXCAVATION DEPTH
[] [25] AREA REPLACED
[] [26] REPLACEMENT MATERIAL

SETBACKS

[] [27] SURFACE WATER FT
[] [28] DITCHES FT
[] [29] PRIVATE WELLS 200 FT
[] [30] PUBLIC WELLS FT
[] [31] IRRIGATION WELLS FT
[] [32] POTABLE WATER 30 FT
[] [33] BUILDING FOUNDATIONS 5.5 FT
[] [34] PROPERTY LINES 200 FT
[] [35] OTHER FT

FILLED / MOUND SYSTEM

[] [36] DRAINFIELD COVER
[] [37] SHOULDERS
[] [38] SLOPES
[] [39] STABILIZATION 10/10/2012

ADDITIONAL INFORMATION

[] [40] UNOBSTRUCTED AREA
[] [41] STORMWATER RUNOFF
[] [42] ALARMS
[] [43] MAINTENANCE AGREEMENT
[] [44] BUILDING AREA
[] [45] LOCATION CONFORMS WITH SITE PLAN
[] [46] FINAL SITE GRADING
[] [47] CONTRACTOR David M Lane (Lanes Septic T
[] [48] OTHER INFILTRATOR Quick4 Plus EQ36 LP

ABANDONMENT

[] [49] TANK PUMPED
[] [50] TANK CRUSHED & FILLED

Comments: Comments are on page 2.

System covered/stabilized 10:30A-11A-

CONSTRUCTION [] APPROVED / DISAPPROVED]: David A. Flowers Putnam CHD DATE: 10/10/2012
Env. Specialist II David A Flowers (Putnam County Environmental Health)

FINAL SYSTEM [] APPROVED / DISAPPROVED]: David A. Flowers Putnam CHD DATE: 10/10/2012
Env. Specialist II David A Flowers (Putnam County Environmental Health)

(Explanation of Violations on following page)

DH 4016, 08/09 (Obsoletes all previous editions which may not be used)
Incorporated: 64E-6.003, FAC