



YOUR PARTNER FOR
SOLID WASTE SOLUTIONS

September 14, 2015

Justin Green
Florida Department of Environmental Protection
Siting Coordination Office (SCO)
2600 Blair Stone Road, MS 5500
Tallahassee, FL 32399-2400

Re: Palm Beach Renewable Energy Park (PBREP)
Conditions of Certification PA84-20N
Palm Beach Renewable Energy Facility No. 2
Post Certification Submittal – Site Delineation

Dear Justin:

In accordance with Conditions of Certification PA84-20N Section A – General Condition; I – Scope; Subpart D., the Solid Waste Authority of Palm Beach County is pleased to provide the survey sketch, legal description, and an aerial photograph for the new Palm Beach Renewable Energy Facility No 2 which shows the Site Delineation.

If you have any questions or need additional information, please contact Mary Beth Morrison via email at mmorrison@swa.org or call at (561) 640-4000 ext. 4613.

Sincerely,

Mark Hammond
Executive Director

Enclosures

SKETCH AND DESCRIPTION –
THIS IS NOT A SURVEY

EXHIBIT 'A'

DESCRIPTION: PROPOSED WASTE ENERGY PLANT LIMITS OF CONSTRUCTION

BEARINGS ARE BASED UPON THE WEST RIGHT-OF-WAY LINE (SOUTH 01°00'37" WEST) OF NORTH JOG ROAD ACCORDING TO A BOUNDARY SURVEY BY GREENHORNE & O'MARA, INC. FOR SOLID WASTE AUTHORITY NORTH COUNTY LANDFILL, DRAWING NO. 180289.NLF.6250.000, DATED 05/30/2009.

A PARCEL OF LAND LYING IN A PORTION OF SECTIONS 27 & 34, TOWNSHIP 42 SOUTH, RANGE 42 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 34, TOWNSHIP 42, RANGE 42; THENCE SOUTH 88°22'33" EAST ALONG THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 34, A DISTANCE OF 25.40 FEET TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF NORTH JOG ROAD ALSO BEING THE POINT OF BEGINNING; THENCE SOUTH 01°00'37" WEST ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 2,388.91 FEET TO A POINT; THENCE NORTH 90°00'00" WEST, A DISTANCE OF 1,163.41 FEET TO A POINT; THENCE SOUTH 00°00'00" WEST, A DISTANCE OF 223.72 FEET TO A POINT ON THE SOUTH LINE OF THE NORTHWEST QUARTER OF SAID SECTION 34; THENCE CONTINUING SOUTH 00°00'00" WEST, A DISTANCE OF 300.62 FEET TO A POINT; THENCE SOUTH 90°00'00" EAST, A DISTANCE OF 116.07 FEET TO A POINT; THENCE SOUTH 00°00'00" WEST, A DISTANCE OF 95.91 FEET TO A POINT; THENCE SOUTH 90°00'00" EAST, A DISTANCE OF 65.77 FEET TO A POINT; THENCE SOUTH 00°00'00" WEST, A DISTANCE OF 112.63 FEET TO A POINT; THENCE SOUTH 90°00'00" EAST, A DISTANCE OF 307.01 FEET TO A POINT; THENCE SOUTH 00°00'00" WEST, A DISTANCE OF 50.55 FEET TO A POINT; THENCE NORTH 90°00'00" WEST, A DISTANCE OF 58.68 FEET TO A POINT; THENCE SOUTH 00°00'00" WEST, A DISTANCE OF 70.86 FEET TO A POINT; THENCE NORTH 90°00'00" WEST, A DISTANCE OF 246.76 FEET TO A POINT; THENCE NORTH 44°14'40" WEST, A DISTANCE OF 182.15 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE NORTHEAST, HAVING A RADIUS OF 265.00 FEET AND A CENTRAL ANGLE OF 44°14'40"; THENCE NORTHWESTERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 204.64 FEET TO THE POINT OF TANGENCY; THENCE NORTH 00°00'00" EAST, A DISTANCE OF 301.80 FEET TO A POINT ON THE SOUTH LINE OF THE NORTHWEST QUARTER OF SAID SECTION 34, SAID POINT BEING 1,540.48 FEET ALONG THE SOUTH LINE OF THE NORTHWEST QUARTER OF SAID SECTION 34 ON A BEARING OF NORTH 88°18'44" WEST TO THE WEST QUARTER CORNER OF SAID SECTION 34; THENCE CONTINUING NORTH 00°00'00" EAST, A DISTANCE OF 1,343.70 FEET TO A POINT; THENCE NORTH 10°27'45" EAST, A DISTANCE OF 129.44 FEET TO A POINT; THENCE NORTH 29°47'37" EAST, A DISTANCE OF 297.76 FEET TO A POINT; THENCE NORTH 00°39'12" EAST, A DISTANCE OF 330.24 FEET TO A POINT; THENCE NORTH 27°06'01" EAST, A DISTANCE OF 86.63 FEET TO A POINT; THENCE NORTH 50°14'55" EAST, A DISTANCE OF 232.99 FEET TO A POINT; THENCE NORTH 61°32'40" EAST, A DISTANCE OF 135.86 FEET TO A POINT; THENCE NORTH 38°43'29" EAST, A DISTANCE OF 87.27 FEET TO A POINT; THENCE NORTH 31°09'48" EAST, A DISTANCE OF 74.68 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE SOUTHEAST, HAVING A RADIUS OF 500.00 FEET AND A CENTRAL ANGLE OF 60°05'31"; THENCE NORTHEASTERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 524.40 FEET TO THE POINT OF TANGENCY; THENCE SOUTH 88°44'41" EAST, A DISTANCE OF 180.78 FEET TO A POINT ON SAID WESTERLY RIGHT-OF-WAY LINE; THENCE SOUTH 01°00'37" WEST ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 93.98 FEET TO THE POINT OF BEGINNING.

CONTAINING 60.833 ACRES, MORE OR LESS.

CERTIFICATION:

I HEREBY CERTIFY THAT THE SKETCH AND DESCRIPTION AS SHOWN HEREON IS IN COMPLIANCE WITH THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.051 AND .052, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472, FLORIDA STATUTES. THIS SKETCH AND DESCRIPTION ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL SEAL OF A FLORIDA SURVEYOR AND MAPPER.

JULY 24, 2015

DATE OF SIGNATURE

THUY A. TRUONG, P.S.M.
FLORIDA LICENSE NUMBER 5868

© LATEST DATE SHOWN HEREON

SCALE: N/A

DESIGNED BY:

DRAWN BY: DR

CHECKED BY: TT



THUY A. TRUONG, PSM
PSM LICENSE NUMBER 5868
3223 COMMERCE PLACE, SUITE 100
WEST PALM BEACH, FLORIDA 33407
LICENSE BUSINESS 7866

SKETCH & LEGAL DESCRIPTION -
PALM BEACH RENEWABLE
ENERGY FACILITY NO.2

07/24/15

DATE:

2024180524
.024

1 OF 2

SHEET:

SKETCH AND DESCRIPTION —
THIS IS NOT A SURVEY

EXHIBIT 'A'

P.O.B.

SCALE: 1"=400'
SECS.27&34, TWP.42 S, RGE.42 E

NORTH LINE OF THE N.W. 1/4
OF SEC.34/42/42

S 88°22'52" E

S 88°22'33" E

P.O.C.
N. 1/4 CORNER
SEC.34/42/42

EAST LINE OF THE N.W. 1/4
OF SEC.34/42/42

120' R/W

NORTH LINE OF THE N.E. 1/4
OF SEC.34/42/42

SEC.34/42/42 IS
SECTION 34/TWP.42 E/RGE.42 S
(TYPICAL)

WESTERLY R/W LINE OF NORTH JOG ROAD
(BEARING BASIS: S 01°00'37" W)

NORTH JOG ROAD

LEGEND:

& AND
L ARC LENGTH OF CURVE
D CENTRAL ANGLE OF CURVE
FND. FOUND
O.R.B. OFFICIAL RECORD BOOK
P.B.C. PALM BEACH COUNTY
P.O.B. POINT OF BEGINNING
P.O.C. POINT OF COMMENCEMENT
PVC POLYVINYL CHLORIDE
RGE. RANGE
R/W RIGHT OF WAY
SEC. SECTION
TWP. TOWNSHIP
W/ WITH

PARCEL 1

CONSERVATION EASEMENT
(O.R.B. 5297 PAGE 1031)

SOUTH LINE OF THE N.W. 1/4
OF SEC.34/42/42

1,541.22'
N 88°18'44" W

W. 1/4 CORNER
SEC.34/42/42
FND.P.B.C. BRASS DISC
W/ 6" PVC CASE

PROPOSED LIMITS OF
CONSTRUCTION

CENTER
SEC.34/42/42

GEOMETRY TABLE:

1	S 01°00'37"	W	2,388.91'
2	N 90°00'00"	W	1,163.41'
3	S 00°00'00"	W	222.97'
4	S 00°00'00"	W	301.37'
5	S 90°00'00"	E	116.07'
6	S 00°00'00"	W	95.91'
7	S 90°00'00"	E	65.77'
8	S 00°00'00"	W	112.63'
9	S 90°00'00"	E	307.01'
10	S 00°00'00"	W	50.55'
11	N 90°00'00"	W	58.68'
12	S 00°00'00"	W	70.86'
13	N 90°00'00"	W	246.76'
14	N 44°14'40"	W	182.15'
15	L=204.64' R=265.00'		
	D=44°14'40"		
16	N 00°00'00"	E	316.49'
17	N 00°00'00"	E	1,329.02'
18	N 10°27'45"	E	129.44'
19	N 29°47'37"	E	297.76'
20	N 00°39'12"	E	330.24'
21	N 27°06'01"	E	86.63'
22	N 50°14'55"	E	232.99'
23	N 61°32'40"	E	135.86'
24	N 38°43'29"	E	87.27'
25	N 31°09'48"	E	74.68'
26	L=524.40' R=500.00'		
	D=60°05'31"		
27	S 88°44'41"	E	180.78'
28	S 01°00'37"	W	93.98'

BEARINGS ARE BASED UPON THE WEST RIGHT-OF-WAY LINE (SOUTH 01°00'37" WEST)
OF NORTH JOG ROAD ACCORDING TO A BOUNDARY SURVEY BY GREENHORNE & O'MARA, INC.
FOR SOLID WASTE AUTHORITY NORTH COUNTY LANDFILL, DRAWING NO.180289.NLF.6250.000, DATED 05/30/2009

SCALE: N/A

DESIGNED BY:

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Stantec

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DATE:

2024180524
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2 OF 2

SHEET:



- PPSA Certified Site Boundary
 Site Delineation

Palm Beach Renewable Energy Park
Palm Beach Renewable Energy Facility No.2

Conditions of Certification PA84-20N Site Delineation



Solid Waste Authority
of Palm Beach County