



# STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Environmental Management  
Office of Water Resources



## Site Evaluation Form Part A - Soil Profile Description

Application Number \_\_\_\_\_

Property Owner: Fair Wind Properties, LLC

Property Location: 206 Bay View Avenue - Bristol - AP 47 Lot 3

Date of Test Hole: 07/27/2022

Soil Evaluator: Thomas J. Principe, III, PE License Number: D-4075

Weather: Sunny, 80 Shaded: Yes ☐ No ☒ Time: 10:00am

TH <u>1</u> Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox Description			Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab.	S.	Con.				
A	0-5"	a	s	10yr3/2					FSL	Granular	vfr	4
B	5-18"	a	w	10yr3/4					SL	SBK	vfr	3
C	18-60"	a	w	2.5y6/3					SL	0,MA	fr	6
TH <u>2</u> Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox Description			Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab.	S.	Con.				
A	0-6"	a	s	10yr3/2					FSL	Granular	vfr	4
B	6-19"	a	w	10yr3/4					SL	SBK	vfr	3
C	19-72"	a	w	2.5y6/3					SL	0,MA	fr	6

Soil Class: B Total Depth of each Test Hole: 1=60" ; 2=72"  
 Depth to Groundwater Seepage: N/A Depth to Impervious or Limiting Layer: 1=60" ; 2=72"  
 Estimated Seasonal High Water Table: N/A Comments: \_\_\_\_\_



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TH 3 Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox Description			Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab.	S.	Con.				
A	0-4"	a	s	10yr3/2					FSL	Granular	vfr	4
B	4-17"	a	w	10yr3/4					SL	SBK	vfr	3
C	17-24"	a	w	2.5y6/3					SL	0,MA	fr	6
TH 4 Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox Description			Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab.	S.	Con.				
A	0-6"	a	s	10yr3/2					FSL	Granular	vfr	4
B	6-20"	a	w	10yr3/4					SL	SBK	vfr	3
C	20-96"	a	w	2.5y6/3					SL	0,MA	fr	6

Soil Class: B Total Depth of each Test Hole: 3=24" ; 4=96"  
 Depth to Groundwater Seepage: N/A Depth to Impervious or Limiting Layer: 3=24" ; 4=N/A  
 Estimated Seasonal High Water Table: N/A Comments: \_\_\_\_\_



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Weather: Sunny, 80 Shaded: Yes ☐ No ☒ Time: 10:00am

TH <u>5</u> Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox Description			Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab.	S.	Con.				
A	0-7"	a	s	10yr3/2					FSL	Granular	vfr	4
B	7-18"	a	w	10yr3/4					SL	SBK	vfr	3
C	18-72"	a	w	2.5y6/3					SL	0,MA	fr	6
TH <u>6</u> Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox Description			Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab.	S.	Con.				
A	0-5"	a	s	10yr3/2					FSL	Granular	vfr	4
B	5-18"	a	w	10yr3/4					SL	SBK	vfr	3
C	18-48"	a	w	2.5y6/3					SL	0,MA	fr	6

Soil Class: B

Depth to Groundwater Seepage: N/A

Estimated Seasonal High Water Table: N/A

Total Depth of each Test Hole: 5=72" ; 6=48"

Depth to Impervious or Limiting Layer: 5=72" ; 6=48"

Comments: \_\_\_\_\_



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Weather: Sunny, 80 Shaded: Yes ☐ No ☒ Time: 10:00am

TH <u>7</u> Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox Description			Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab.	S.	Con.				
A	0-6"	a	s	10yr3/2					FSL	Granular	vfr	4
B	6-21"	a	w	10yr3/4					SL	SBK	vfr	3
C	21-48"	a	w	2.5y6/3					SL	0,MA	fr	6
TH <u>8</u> Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox Description			Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab.	S.	Con.				
A	0-6"	a	s	10yr3/2					FSL	Granular	vfr	4
B	6-20"	a	w	10yr3/4					SL	SBK	vfr	3
C	20-120"	a	w	2.5y6/3					SL	0,MA	fr	6

Soil Class: B

Total Depth of each Test Hole: 7=48" ; 8=120"

Depth to Groundwater Seepage: N/A

Depth to Impervious or Limiting Layer: 7=48" ; 8=N/A

Estimated Seasonal High Water Table: N/A

Comments: \_\_\_\_\_



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Weather: Sunny, 80 Shaded: Yes ☐ No ☒ Time: 10:00am

TH <u>9</u> Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox Description			Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab.	S.	Con.				
A	0-6"	a	s	10yr3/2					FSL	Granular	vfr	4
B	6-19"	a	w	10yr3/4					SL	SBK	vfr	3
C	19-36"	a	w	2.5y6/3					SL	0,MA	fr	6
TH <u>10A</u> Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox Description			Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab.	S.	Con.				
A	0-7"	a	s	10yr3/2					FSL	Granular	vfr	4
B	7-21"	a	w	10yr3/4					SL	SBK	vfr	3
C	21-102"	a	w	2.5y6/3					SL	0,MA	fr	6

Soil Class: B Total Depth of each Test Hole: 9=36" ; 10A=102"  
 Depth to Groundwater Seepage: N/A Depth to Impervious or Limiting Layer: 9=36" ; 10A=N/A  
 Estimated Seasonal High Water Table: N/A Comments: \_\_\_\_\_



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Weather: Sunny, 80 Shaded: Yes ☐ No ☒ Time: 10:00am

TH <u>10B</u> Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox Description			Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab.	S.	Con.				
A	0-4"	a	s	10yr3/2					FSL	Granular	vfr	4
B	4-18"	a	w	10yr3/4					SL	SBK	vfr	3
C	18-36"	a	w	2.5y6/3					SL	0,MA	fr	6
TH <u>11</u> Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox Description			Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab.	S.	Con.				
A	0-8"	a	s	10yr3/2					FSL	Granular	vfr	4
B	8-22"	a	w	10yr3/4					SL	SBK	vfr	3
C	22-114"	a	w	2.5y6/3					SL	0,MA	fr	6

Soil Class: B

Depth to Groundwater Seepage: N/A

Estimated Seasonal High Water Table: N/A

Total Depth of each Test Hole: 10B=36" ; 11=114"

Depth to Impervious or Limiting Layer: 10B=36" ; 11=N/A




Comments: \_\_\_\_\_

## Part B

**Site Evaluation** - to be completed by Class II or III Designer or Soil Evaluator

Please use the area below to locate:

1. Test holes
2. Approximate direction of due north
3. Offsets from test holes to fixed points such as street, utility pole, or other permanent, marked object

Key:	
	Approximate location of test holes
	Estimated gradient and direction of slope
	Approximate direction of due north

See Attachment

1. Relief and Slope: 5%
2. Presence of any watercourse, wetlands or surface water bodies, within 200 feet of test holes: YES ☐ NO ☒ If yes, locate on above sketch.
3. Presence of existing or proposed private drinking water wells within 200 feet of test holes: YES ☐ NO ☒ If yes, locate on above sketch.
4. Public drinking water wells within 500 feet of test holes: YES ☐ NO ☒ If yes, locate on above sketch.
5. Is site within the watershed of a public drinking water reservoir or other critical area defined in SD 19.00? YES ☐ NO ☒
6. Has soil been excavated from or fill deposited on site? YES ☐ NO ☒ If yes, locate on above sketch.
7. Site's potential for flooding or ponding: NONE ☐ SLIGHT ☒ MODERATE ☐ SEVERE ☐
8. Landscape position: Backslope
9. Vegetation: Lawn
10. Indicate approximate location of property lines and roadways.
11. Additional comments, site constraints or additional information regarding site: \_\_\_\_\_

### Certification

The undersigned hereby certifies that all information on this application and accompanying forms, submittals and sketches are true and accurate and that I have been authorized by the owner(s) to conduct these necessary field investigations and submit this request.

Part A prepared by:



D-4075

Signature

License #

Part B prepared by:



D-4075

Signature

License #

### FOR OFFICE USE ONLY

Decision: Approved (SD 26.00(f)(1)) ☐ Not in compliance, or more information required (SD 26.00(f)(2)) Disclaimed (SD 27.00(f)(3)) ☐

Comments:

Signature Authorized Agent

Date