



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Environmental Management
Office of Water Resources
Onsite Wastewater Treatment Systems Program



Site Evaluation Form
Part A - Soil Profile Description Application Number Drainage

Property Owner: Keystone LLC
Property Location: 82 Main Street (A.P. 57-1, Lot 73), South Kingstown, Rhode Island
Date of Test Hole: May 20, 2025
Soil Evaluator: Amber K. Hardy, M.S. License Number: D4098
Weather: Partly cloudy, 70° F, recent rain Shaded: Yes No Time: 9:00 am

Table with 11 columns: TH 1 Horizon, Depth, Horizon Boundaries (Dist, Topo), Soil Colors (Matrix, Re-Dox Features), Re-Dox (Ab. S. Contr.), Texture, Structure, Consistence, Soil Category. Rows include horizons ^C, Apb, Bwb, 2C, TH 2 Bw, 2C.

TH 2 Soil Class G/C Total Depth 120 Impervious/Limiting Layer Depth none (og) GW Seepage Depth none SHWT 48 (og)

TH 1 Soil Class G/C Total Depth 120 Impervious/Limiting Layer Depth none (og) GW Seepage Depth none SHWT 72 (og)

Comments: Top couple feet of soil including most of the class G material has been removed from front half of lot (TH2). Between 6 and 12 inches of this material remains. Elevation of this area is lower than the existing steps/curb as well as the back half of the lot (TH1), where some fill is placed. During digging of TH1, several abandoned drainpipes and a brick structure were struck. The outwash consisted of alternating layers 8 to 16 inches thick of sands and medium gravels.

Part B





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

Please use the area below to locate:

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

**\*OFFSETS MUST BE SHOWN**

Key:

-  Approximate location of test holes
-  Approximate location of bedrock test holes
-  Estimated gradient and direction of slope
-  Approximate direction of due north



Bedrock THs	
TH	Depth

1. Relief and Slope: 0 – 3% on each of the two parts with a steep scarp between
2. Presence of any watercourse, wetlands or surface water bodies, within 200 feet of test holes? If yes, locate on above sketch. NO  YES
3. Restrictive Layer or Bedrock within 4' below original ground within 25 feet of test hole? Provide all test hole locations & depths above. NO  YES
4. Presence of existing or proposed private drinking water wells within 200 feet of test holes? If yes, locate on above sketch. NO  YES
5. Public drinking water wells within 500 feet of test holes? If yes, locate on above sketch. NO  YES
6. Is site within the watershed of a public drinking water reservoir or other critical area defined in Rule 6.42? NO  YES
7. Has soil been excavated from or fill deposited on site? If yes, locate on above sketch. NO  YES
8. Site's potential for flooding or ponding: NONE  SLIGHT  MODERATE  SEVERE
9. Landscape position: Shoulder
10. Vegetation: Cleared unvegetated lot in developed downtown area
11. Indicate approximate location of property lines and roadways.
12. 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: *Subwarsky* Signature License #D4098 Part B prepared by: *Subwarsky* Signature License # D4098

DO NOT WRITE IN THIS SPACE

Witnessed Soil Evaluation Decision: Concur  Inconclusive  Disclaim   
Unwitnessed Soil Evaluations Decision: Accept  Inconclusive  Disclaim

Wet Season Determination required  Additional Field Review Required

Explanation: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

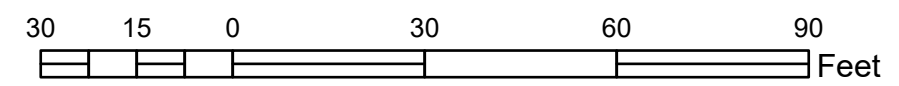
Signature Authorized Agent \_\_\_\_\_ Date \_\_\_\_\_



2024 AERIAL MAP  
A.P. 57-1, Lot 73 | 82 Main Street  
South Kingstown, Rhode Island

LEGEND

 PROPERTY LINE



- General Notes:
- 1. This map should not be interpreted as a survey quality graphic. It is designed for preliminary planning purposes only. AES recommends consultation with a Professional Land Surveyor for accurate site feature locations.
  - 2. Property lines as depicted on this map have been approximated from plat maps available from the town assessor's online database.
  - 3. Aerial photograph base map and other data layers acquired from the RI DEM and RIGIS database.

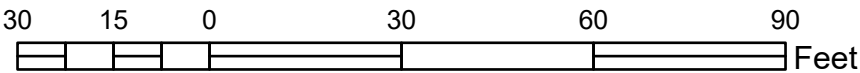
Map created by: Casey Hogan, Environmental Scientist, 4/30/2025



USDA - NRCS SOIL SURVEY MAP  
A.P. 57-1, Lot 73 | 82 Main Street  
South Kingstown, Rhode Island

LEGEND

MU - Merrimac-Urban land complex, 0 to 8 percent



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Map created by: Casey Hogan, Environmental Scientist, 4/30/2025

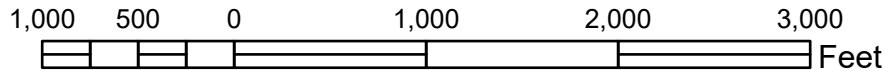
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community



USGS TOPOGRAPHIC MAP  
 A.P. 57-1, Lot 73 | 82 Main Street  
 South Kingstown, Rhode Island

LEGEND

 PROPERTY LINE



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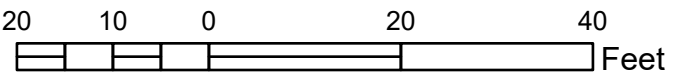
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2025 SOIL EVALUATION MAP  
 A.P. 57-1, Lot 73 | 82 Main Street  
 South Kingstown, Rhode Island

**LEGEND**

	PROPERTY LINE
	GPS BENCHMARK
	SOIL EVALUATION



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 2. Property lines as depicted on this map have been approximated from plat maps available from the town assessor's online database.  
 3. Aerial photograph base map and other data layers acquired from the RI DEM and RIGIS database.  
 4. Soil test holes located with a Juniper Geode Submetric GNSS receiver with SWmaps data collection software.

Delineation performed by: *Amber K. Hardy*  
 Amber K. Hardy, M.S., Soil Evaluator D4098 05/20/2025

Map created by: *Patrick J. Loveland*  
 Patrick J. Loveland, GIS Specialist 05/30/2025

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, RI State, 37 Towns