No. _____ Date: _____

Commonwealth of Massachusetts
, Massachusetts

Soil Suitability Assessment for On-site Sewage Disposal

Performed By: DAVID FREDETTE Date: 9/18/2015
Witnessed By:

Location Address or Lot #	Owner's Name, Address, and Telephone #
1484 AIRPORT ROAD New Construction ☐ Repair ☐	CITY OF NEW BEDFORD

Office Review

Published Soil Survey Available: No ☐ Yes ☒
Year Published 1981 Publication Scale Soil Map Unit MAP 11 PUBLISHED Fm OBSERVED MORE LIME MeA
Drainage Class Soil Limitations

Surficial Geologic Report Available: No ☐ Yes ☐
Year Published Publication Scale
Geologic Material (Map Unit)
Landform
Flood Insurance Rate Map:
Above 500 year flood boundary No ☐ Yes ☒
Within 500 year flood boundary No ☒ Yes ☐
Within 100 year flood boundary No ☒ Yes ☐
Wetland Area:
National Wetland Inventory Map (map unit)
Wetlands Conservancy Program Map (map unit)

Current Water Resource Conditions (USGS): Month
Range :Above Normal ☐ Normal ☐ Below Normal ☐
Other References Reviewed: _____

FORM 11 - SOIL EVALUATOR FORM

Location Address or Lot No. 1484 AIRPORT RD

On-site Review

Deep Hole Number #1 Date: 9/18/2015 Time: 0815 Weather CLEAR WARM

Location (identify on site plan)

Land Use COMMERCIAL BLDGS Slope (%) 0-2% Surface Stones NONE VISIBLE

Vegetation SOME TREES & GRASS

Landform OUTWASH PLAIN

Position on landscape (sketch on the back)

Distances from:

Open Water Body feet Drainage way >100 feet

Possible Wet Area <100 feet Property Line >100 feet

Drinking Water Well >100 feet Other

DEEP OBSERVATION HOLE LOG*

Depth from Surface (Inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, Boulders, Consistency, % Gravel)
0-12	A	FINE SANDY LOAM	10YR 4/3	NONE VISIBLE	FRIABLE
12-24	B	SANDY LOAM	10YR 5/6	NONE VISIBLE	MASSIVE, FRIABLE
24-84"	C1	COARSE SAND	10YR 6/4	42" COMMON 36" FEW	SINGLE GRAIN, LOOSE, UNIFORM CONSISTENCY AND STRATIFIED TRACE OF SILT, NO GRAVEL OBSERVED

* MINIMUM OF 2 HOLES REQUIRED AT EVERY PROPOSED DISPOSAL AREA

Parent Material (geologic) OUTWASH PLAIN Depth to Bedrock: >7'

Depth to Groundwater: Standing Water in the Hole: 72" Weeping from Pit Face: 66"

Estimated Seasonal High Ground Water: DEPTH = 42"

Location Address or Lot No. _____

Determination for Seasonal High Water Table

Method Used:

- [x] Depth observed standing in observation hole 72" inches
- [x] Depth weeping from side of observation hole 66" inches
- [x] Depth to soil mottles 42" inches
- [ ] Ground water adjustment ..... feet

Index Well Number ..... Reading Date ..... Index well level .....

Adjustment factor ..... Adjusted ground water level .....

Depth of Naturally Occurring Pervious Material

Does at least four feet of naturally occurring pervious material exist in all areas observed throughout the area proposed for the soil absorption system? N/A

If not, what is the depth of naturally occurring pervious material? _____

Certification

I certify that on MAY 1997 (date) I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise and experience described in 310 CMR 15.017.

Signature _____ Date 9/18/2015