

COMMONWEALTH OF MASSACHUSETTS
MASS. DEP

APPROVED SOIL EVALUATOR



Michael G. Mocko, Jr.
36 Hampden Rd.
Stafford Springs, CT 06076

Michael G. Mocko, Jr.
Signature

Approval No.	Issue Date	Expiration Date
SE1654		6/30/2019

PURSUANT TO THE GENERAL LAWS

Location Address or Lot No. 1 Canal St South Hadley

On-site Review - STORM WATER

Deep Hole Number _____ Date: 10/5/16 Time: 8 am Weather S 65°

Location (identify on site plan) _____

Land Use Abandoned Slope (%) 2-4 Surface Stones none

Vegetation gravel + weeds

Landform old buildings and parking lot removed

Position on landscape (sketch on the back)

Distances from:

Open Water Body 100⁺ feet Drainage way 100⁺ feet
 Possible Wet Area 100⁺ feet Property Line 15 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)
0-77	FILL	S	10YR 5/4		med sand few stone some carb debris
77-90	orig C	L.S.	2.5YR 4/6	-	Native sand fill over bedrock Ledge @ 80" no water
0-4A	FILL	S	10YR 5/6		Med-coarse sand + gravel. Some debris <10% Sandy fill, 10% gravel, stones no water
4A-84	orig C	L.S.	2.5YR 4/6	-	
0-4B	FILL	S	10YR 5/4		Sand fill
4B-96	orig C	L.S.	7.5YR 5/8	-	Fine L.S. sand, firm in place, platy no water
0-36	FILL	S	10YR 5/4		no water
36-90	orig C	S	10YR 4/4		med sand fill
90-102	C2	SL	10YR 4/4	90" faint	Coarse S.+G. 20% gravel Firm silty Restrictive

* MINIMUM OF 2 HOLES REQUIRED AT EVERY PROPOSED DISPOSAL AREA

Parent Material (geologic) Till Depth to Bedrock: 9 or greater

Depth to Groundwater: Standing Water in the Hole: none Weeping from Pit Face: none

Estimated Seasonal High Ground Water: > 9 FT.

MICHAEL MOCKO ENVIRONMENTAL CONSULTANT

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Location Address or Lot No. 1 Canal St South Hadley

On-site Review - STORM WATER

Deep Hole Number _____ Date: 10/15/16 Time: _____ Weather _____

Location (identify on site plan) _____

Land Use Abandoned Slope (%) 2-4 Surface Stones _____

Vegetation _____

Landform _____

Position on landscape (sketch on the back) _____

Distances from:

Open Water Body	feet	Drainage way	feet
Possible Wet Area	feet	Property Line	feet
Drinking Water Well	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)
0-52"	Fill	S	10YR 5/0		med. Sand FILL w/ debris
52-102"	Org. C	L.S.	2.5YR 7/0		L. Sand Till w/ 10% Gravel Many Stones No Water

* MINIMUM OF 2 HOLES REQUIRED AT EVERY PROPOSED DISPOSAL AREA

Parent Material (geologic) _____ Depth to Bedrock: _____
 Depth to Groundwater: _____ Standing Water in the Hole: _____ Weeping from Pit Face: _____
 Estimated Seasonal High Ground Water: _____

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Location Address or Lot No. 1 CANAL ST

COMMONWEALTH OF MASSACHUSETTS

SOUTH HADLEY, Massachusetts

Percolation Test*		
Date:		Time:
Observation Hole #	#2	#4
Depth of Perc	66"	66"
Start Pre-soak	9:30	11:05
End Pre-soak	9:30	11:20
Time at 12"	10:05	11:22
Time at 9"	10:20	11:25
Time at 6"	10:47	11:31
Time (9"-6")	27	6
Rate Min./Inch	9 min/in	2 min/in

* Minimum of 1 percolation test must be performed in both the primary area AND reserve area.

Site Passed Site Failed

Performed By: Michael Mocko

Witnessed By: _____

Comments: _____



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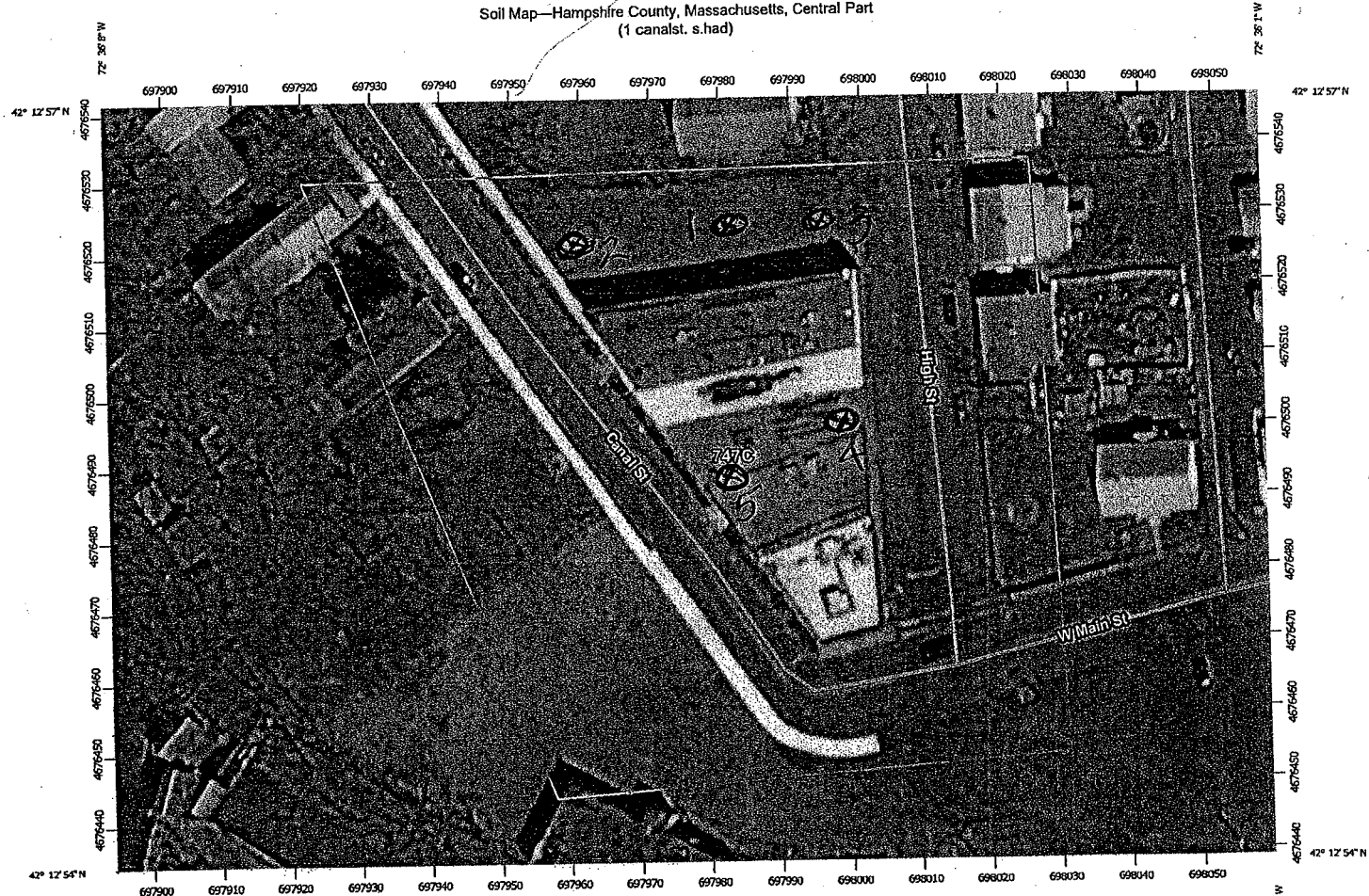
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Dig Safe Wilson Excavation # 17905

339 344 - 7233

Test Pit Locations 10/5/16

Soil Map—Hampshire County, Massachusetts, Central Part
(1 canalst. s.had)



Map Scale: 1:756 if printed on A landscape (11" x 8.5") sheet.

0 10 20 40 60 Meters

0 35 70 140 210 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84