

Date: 5/24/05

Commonwealth Of Massachusetts

Groton, Massachusetts

Soil Suitability Assessment for On-site Sewage Disposal

Performed By Jeff Hannaford - Norse Design Services, Inc.

Witnessed By B. Braley - Groton Board of Health

Location address: Cow Pond Brook Rd. Groton, MA	Name: Millstone Hill Realty Trust Address: PO Box 289, Tyngsboro, MA 01879 Telephone #
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New Construction Repair

Office Review

Published Soil Survey Available: No Yes

Year Published July 1995 Publication Scale 1:25000 Soil Map Unit: GP

Drainage Class A Soil limitations _____

Surficial Geologic Report Available: No Yes

Year Published _____ Publication Scale _____ Soil Map Unit _____

Geologic Material (Map Unit) _____

Landform _____

Flood Insurance Rate Map:

Above 500 year flood boundary No Yes

Within 500 year flood boundary No Yes

Above 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: April 2004

Range: Above Normal Normal Below Normal

Other References Reviewed: _____

Date 5/24/05

On-site Review

Deep Hole Number TH-1 Date: 4/27/04 Time: 11:30 Weather: Cloudy - 60°

Location (identify on site plan) See Plan

Land Use: Gravel Pit Slope (%) 0-5% Surface Stones None

Vegetation: None

Landform: Outwash Plain

Position on landscape: See Plan

Distances from:

Open Water Body >100 Feet Possible Wet Area >100 Feet

Drinking Water Well >100 Feet Drainage way >100 Feet

Property Line * Feet Other _____

* See Plan

DEEP OBSERVATION HOLE LOG					
Depth from Surface (inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, boulders, Consistency, % Gravel)
0-9"	Fill				
9"-66"	C1	M-C Sand	2.5 y 7/3	@66" (7.5yr 5/6)	Loose - single grain
66"-120"	C2	F-M Sand	2.5 y 6/4		Loose - single grain

Parent Material (geologic) Glacial Outwash Depth of Bedrock None

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

Estimated Seasonal High Ground Water: 66"

Date 5/24/05

On-site Review

Deep Hole Number TH-2 Date: 4/27/04 Time: 11:30 Weather: Cloudy - 60°

Location (identify on site plan) See Plan

Land Use: Gravel Pit Slope (%) 0-5% Surface Stones None

Vegetation: None

Landform: Outwash Plain

Position on landscape: See Plan

Distances from:

Open Water Body >100 Feet Possible Wet Area >100 Feet

Drinking Water Well >100 Feet Drainage way >100 Feet

Property Line * Feet Other _____

* See Plan

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"	Fill				
12"-66"	C1	M-C Sand	2.5 y 7/3	@66" (7.5yr 5/6)	Loose - single grain
66"-108"	C2	F-M Sand	2.5 y 6/4		Loose - single grain

Parent Material (geologic) Glacial Outwash Depth of Bedrock None

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

Estimated Seasonal High Ground Water: 66"

Date 5/24/05

On-site Review

Deep Hole Number TH-3 Date: 4/27/04 Time: 11:30 Weather: Cloudy - 60°

Location (identify on site plan) See Plan

Land Use: Gravel Pit Slope (%) 0-5% Surface Stones None

Vegetation: None

Landform: Outwash Plain

Position on landscape: See Plan

Distances from:

Open Water Body >100 Feet Possible Wet Area >100 Feet

Drinking Water Well >100 Feet Drainage way >100 Feet

Property Line * Feet Other _____

* See Plan

DEEP OBSERVATION HOLE LOG					
Depth from Surface (inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, boulders, Consistency, % Gravel)
0-3"	Fill				
3"-60"	C1	M-C Sand	2.5 y 7/3	@60" (7.5yr 5/6)	Loose - single grain
60"-120"	C2	F-M Sand	2.5 y 6/4		Loose - single grain

Parent Material (geologic) Glacial Outwash Depth of Bedrock None

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

Estimated Seasonal High Ground Water: 60"

Date 5/24/05

On-site Review

Deep Hole Number TH-4 Date: 4/27/04 Time: 11:30 Weather: Cloudy - 60°

Location (identify on site plan) See Plan

Land Use: Gravel Pit Slope (%) 0-5% Surface Stones None

Vegetation: None

Landform: Outwash Plain

Position on landscape: See Plan

Distances from:

Open Water Body >100 Feet Possible Wet Area >100 Feet

Drinking Water Well >100 Feet Drainage way >100 Feet

Property Line * Feet Other _____

* See Plan

DEEP OBSERVATION HOLE LOG					
Depth from Surface (inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, boulders, Consistency, % Gravel)
0-9"	Fill				
9"-54"	C1	M-C Sand	2.5 y 7/3	@54" (7.5yr 5/6)	Loose - single grain
54"-120"	C2	F-M Sand	2.5 y 6/4		Loose - single grain

Parent Material (geologic) Glacial Outwash Depth of Bedrock None

Depth to Groundwater: Standing Water in Hole: 60" Weeping from Pit Face: 60"

Estimated Seasonal High Ground Water: 54"

Date 5/24/05

On-site Review

Deep Hole Number TH-5 Date: 4/27/04 Time: 11:30 Weather: Cloudy - 60°

Location (identify on site plan) See Plan

Land Use: Gravel Pit Slope (%) 0-5% Surface Stones None

Vegetation: None

Landform: Outwash Plain

Position on landscape: See Plan

Distances from:

Open Water Body >100 Feet Possible Wet Area >100 Feet

Drinking Water Well >100 Feet Drainage way >100 Feet

Property Line * Feet Other _____

* See Plan

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"	Fill				
12"-54"	C1	M-C Sand	2.5 y 7/3	@54" (7.5yr 5/6)	Loose - single grain
54"-120"	C2	F-M Sand	2.5 y 6/4		Loose - single grain

Parent Material (geologic) Glacial Outwash Depth of Bedrock None

Depth to Groundwater: Standing Water in Hole: 60" Weeping from Pit Face: 60"

Estimated Seasonal High Ground Water: 54"

Date 5/24/05

On-site Review

Deep Hole Number TH-6 Date: 4/27/04 Time: 11:30 Weather: Cloudy - 60°

Location (identify on site plan) See Plan

Land Use: Gravel Pit Slope (%) 0-5% Surface Stones None

Vegetation: None

Landform: Outwash Plain

Position on landscape: See Plan

Distances from:

Open Water Body >100 Feet Possible Wet Area >100 Feet

Drinking Water Well >100 Feet Drainage way >100 Feet

Property Line * Feet Other _____

* See Plan

DEEP OBSERVATION HOLE LOG					
Depth from Surface (inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, boulders, Consistency, % Gravel)
0-6"	Fill				
6"-60"	C1	M-C Sand	2.5 y 7/3	@60" (7.5yr 5/6)	Loose - single grain
60"-120"	C2	F-M Sand	2.5 y 6/4		Loose - single grain

Parent Material (geologic) Glacial Outwash Depth of Bedrock None

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

Estimated Seasonal High Ground Water: 60"

Date 5/24/05

On-site Review

Deep Hole Number TH-7 Date: 4/27/04 Time: 11:30 Weather: Cloudy - 60°

Location (identify on site plan) See Plan

Land Use: Gravel Pit Slope (%) 0-5% Surface Stones None

Vegetation: None

Landform: Outwash Plain

Position on landscape: See Plan

Distances from:

Open Water Body >100 Feet Possible Wet Area >100 Feet

Drinking Water Well >100 Feet Drainage way >100 Feet

Property Line * Feet Other _____

* See Plan

DEEP OBSERVATION HOLE LOG					
Depth from Surface (inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, boulders, Consistency, % Gravel)
0-6"	Fill				
6"-54"	C1	M-C Sand	2.5 y 7/3	@54" (7.5yr 5/6)	Loose - single grain
54"-108"	C2	F-M Sand	2.5 y 6/4		Loose - single grain

Parent Material (geologic) Glacial Outwash Depth of Bedrock None

Depth to Groundwater: Standing Water in Hole: 60" Weeping from Pit Face: 60"

Estimated Seasonal High Ground Water: 54"

Date 5/24/05

On-site Review

Deep Hole Number TH-8 Date: 4/27/04 Time: 11:30 Weather: Cloudy - 60°

Location (identify on site plan) See Plan

Land Use: Gravel Pit Slope (%) 0-5% Surface Stones None

Vegetation: None

Landform: Outwash Plain

Position on landscape: See Plan

Distances from:

Open Water Body >100 Feet Possible Wet Area >100 Feet

Drinking Water Well >100 Feet Drainage way >100 Feet

Property Line * Feet Other _____

* See Plan

DEEP OBSERVATION HOLE LOG					
Depth from Surface (inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, boulders, Consistency, % Gravel)
0-6"	Fill				
6"-48"	C1	M-C Sand	2.5 y 7/3	@48" (7.5yr 5/6)	Loose - single grain
48"-96"	C2	F-M Sand	2.5 y 6/4		Loose - single grain

Parent Material (geologic) Glacial Outwash Depth of Bedrock None

Depth to Groundwater: Standing Water in Hole: 54" Weeping from Pit Face: 54"

Estimated Seasonal High Ground Water: 48"

Date 5/24/05

On-site Review

Deep Hole Number TH-9 Date: 4/27/04 Time: 11:30 Weather: Cloudy - 60°

Location (identify on site plan) See Plan

Land Use: Gravel Pit Slope (%) 0-5% Surface Stones None

Vegetation: None

Landform: Outwash Plain

Position on landscape: See Plan

Distances from:

Open Water Body >100 Feet Possible Wet Area >100 Feet

Drinking Water Well >100 Feet Drainage way >100 Feet

Property Line * Feet Other _____

* See Plan

DEEP OBSERVATION HOLE LOG					
Depth from Surface (inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, boulders, Consistency, % Gravel)
0-6" 6"-96"	Fill C1	M-C Sand	2.5 y 7/3	@54" (7.5yr 5/6)	Loose - single grain

Parent Material (geologic) Glacial Outwash Depth of Bedrock None

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

Estimated Seasonal High Ground Water: 54"

Date 5/24/05

On-site Review

Deep Hole Number TH-10 Date: 4/27/04 Time: 11:30 Weather: Cloudy - 60°

Location (identify on site plan) See Plan

Land Use: Gravel Pit Slope (%) 0-5% Surface Stones None

Vegetation: None

Landform: Outwash Plain

Position on landscape: See Plan

Distances from:

Open Water Body >100 Feet Possible Wet Area >100 Feet

Drinking Water Well >100 Feet Drainage way >100 Feet

Property Line * Feet Other _____

* See Plan

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"-96"	C1	M-C Sand	2.5 y 7/3	@24" (7.5yr 5/6)	Loose - single grain

Parent Material (geologic) Glacial Outwash Depth of Bedrock None

Depth to Groundwater: Standing Water in Hole: 36" Weeping from Pit Face: 36"

Estimated Seasonal High Ground Water: 24"

Date 5/24/05

On-site Review

Deep Hole Number TH-11 Date: 4/27/04 Time: 11:30 Weather: Cloudy - 60°

Location (identify on site plan) See Plan

Land Use: Gravel Pit Slope (%) 0-5% Surface Stones None

Vegetation: None

Landform: Outwash Plain

Position on landscape: See Plan

Distances from:

Open Water Body >100 Feet Possible Wet Area >100 Feet

Drinking Water Well >100 Feet Drainage way >100 Feet

Property Line * Feet Other _____

* See Plan

DEEP OBSERVATION HOLE LOG					
Depth from Surface (inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, boulders, Consistency, % Gravel)
0-8"	Fill				
8"-72"	C1	M-C Sand	2.5 y 7/3	@66" (7.5yr 5/6)	Loose - single grain
72"-120"	C2	F-M Sand	2.5 y 6/4		Loose - single grain

Parent Material (geologic) Glacial Outwash Depth of Bedrock None

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

Estimated Seasonal High Ground Water: 66"

Date 5/24/05

On-site Review

Deep Hole Number TH-12 Date: 4/27/04 Time: 11:30 Weather: Cloudy - 60°

Location (identify on site plan) See Plan

Land Use: Gravel Pit Slope (%) 0-5% Surface Stones None

Vegetation: None

Landform: Outwash Plain

Position on landscape: See Plan

Distances from:

Open Water Body >100 Feet Possible Wet Area >100 Feet

Drinking Water Well >100 Feet Drainage way >100 Feet

Property Line * Feet Other _____

* See Plan

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" 12"-108"	Fill C1	M-C Sand	2.5 y 7/3	@42" (7.5yr 5/6)	Loose - single grain

Parent Material (geologic) Glacial Outwash Depth of Bedrock None

Depth to Groundwater: Standing Water in Hole: 54" Weeping from Pit Face: 54"

Estimated Seasonal High Ground Water: 42"

Date 5/24/05

On-site Review

Deep Hole Number TH-13 Date: 4/27/04 Time: 11:30 Weather: Cloudy - 60°

Location (identify on site plan) See Plan

Land Use: Gravel Pit Slope (%) 0-5% Surface Stones None

Vegetation: None

Landform: Outwash Plain

Position on landscape: See Plan

Distances from:

Open Water Body >100 Feet Possible Wet Area >100 Feet

Drinking Water Well >100 Feet Drainage way >100 Feet

Property Line * Feet Other _____

* See Plan

DEEP OBSERVATION HOLE LOG					
Depth from Surface (inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, boulders, Consistency, % Gravel)
0-6"	Fill				
6"-54"	C1	M-C Sand	2.5 y 7/3	@54" (7.5yr 5/6)	Loose - single grain
54"-108"	C2	F-M Sand	2.5 y 6/4		Loose - single grain

Parent Material (geologic) Glacial Outwash Depth of Bedrock None

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

Estimated Seasonal High Ground Water: 54"

Date 5/24/05

On-site Review

Deep Hole Number TH-14 Date: 4/27/04 Time: 11:30 Weather: Cloudy - 60°

Location (identify on site plan) See Plan

Land Use: Gravel Pit Slope (%) 0-5% Surface Stones None

Vegetation: None

Landform: Outwash Plain

Position on landscape: See Plan

Distances from:

Open Water Body >100 Feet Possible Wet Area >100 Feet

Drinking Water Well >100 Feet Drainage way >100 Feet

Property Line * Feet Other _____

* See Plan

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"	Fill				
12"-72"	C1	M-C Sand	2.5 y 7/3	@72" (7.5yr 5/6)	Loose - single grain
72"-120"	C2	F-M Sand	2.5 y 6/4		Loose - single grain

Parent Material (geologic) Glacial Outwash Depth of Bedrock None

Depth to Groundwater: Standing Water in Hole: 84" Weeping from Pit Face: 84"

Estimated Seasonal High Ground Water: 72"

Determination for Seasonal High Water Table

- Depth observed standing in observation hole _____ inches
- Depth weeping from side of observation hole _____ inches
- Depth to soil mottles 66" 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 material exist in all areas observed throughout the area proposed for the soil absorption material? yes

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

Certification

I certify that on Sept. 1996 (date) I have passed the 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 5/24/05

Determination for Seasonal High Water Table

- Depth observed standing in observation hole _____ inches
- Depth weeping from side of observation hole _____ inches
- Depth to soil mottles 66" 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 material exist in all areas observed throughout the area proposed for the soil absorption material? yes

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

Certification

I certify that on Sept. 1996 (date) I have passed the 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 5/24/05

Determination for Seasonal High Water Table

- Depth observed standing in observation hole _____ inches
- Depth weeping from side of observation hole _____ inches
- Depth to soil mottles 60" 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 material exist in all areas observed throughout the area proposed for the soil absorption material? yes

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

Certification

I certify that on Sept. 1996 (date) I have passed the 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 5/24/05

Determination for Seasonal High Water Table

- Depth observed standing in observation hole _____ inches
- Depth weeping from side of observation hole _____ inches
- Depth to soil mottles 54" 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 material exist in all areas observed throughout the area proposed for the soil absorption material? yes

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

Certification

I certify that on Sept. 1996 (date) I have passed the 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 5/24/05

Determination for Seasonal High Water Table

- Depth observed standing in observation hole _____ inches
- Depth weeping from side of observation hole _____ inches
- Depth to soil mottles 54" 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 material exist in all areas observed throughout the area proposed for the soil absorption material? yes

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

Certification

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Signature _____ Date 5/24/05

Determination for Seasonal High Water Table

- Depth observed standing in observation hole _____ inches
- Depth weeping from side of observation hole _____ inches
- Depth to soil mottles 60" 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 material exist in all areas observed throughout the area proposed for the soil absorption material? yes

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

Certification

I certify that on Sept. 1996 (date) I have passed the 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 5/24/05

Determination for Seasonal High Water Table

- Depth observed standing in observation hole _____ inches
- Depth weeping from side of observation hole _____ inches
- Depth to soil mottles 54" 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 material exist in all areas observed throughout the area proposed for the soil absorption material? yes

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

Certification

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Signature _____ Date 5/24/05

Determination for Seasonal High Water Table

- Depth observed standing in observation hole _____ inches
- Depth weeping from side of observation hole _____ inches
- Depth to soil mottles 48" 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 material exist in all areas observed throughout the area proposed for the soil absorption material? yes

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

Certification

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Signature _____ Date 5/24/05

Determination for Seasonal High Water Table

- Depth observed standing in observation hole _____ inches
- Depth weeping from side of observation hole _____ inches
- Depth to soil mottles 54" 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 material exist in all areas observed throughout the area proposed for the soil absorption material? yes

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

Certification

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Signature _____ Date 5/24/05

Determination for Seasonal High Water Table

- Depth observed standing in observation hole _____ inches
- Depth weeping from side of observation hole _____ inches
- Depth to soil mottles 24" 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 material exist in all areas observed throughout the area proposed for the soil absorption material? yes

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

Certification

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Signature _____ Date 5/24/05

Determination for Seasonal High Water Table

- Depth observed standing in observation hole _____ inches
- Depth weeping from side of observation hole _____ inches
- Depth to soil mottles 66" 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 material exist in all areas observed throughout the area proposed for the soil absorption material? yes

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

Certification

I certify that on Sept. 1996 (date) I have passed the 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 5/24/05

Determination for Seasonal High Water Table

- Depth observed standing in observation hole _____ inches
- Depth weeping from side of observation hole _____ inches
- 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 material exist in all areas observed throughout the area proposed for the soil absorption material? yes

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

Certification

I certify that on Sept. 1996 (date) I have passed the 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 5/24/05

Determination for Seasonal High Water Table

- Depth observed standing in observation hole _____ inches
- Depth weeping from side of observation hole _____ inches
- Depth to soil mottles 54" 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 material exist in all areas observed throughout the area proposed for the soil absorption material? yes

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

Certification

I certify that on Sept. 1996 (date) I have passed the 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 5/24/05

Determination for Seasonal High Water Table

- Depth observed standing in observation hole _____ inches
- Depth weeping from side of observation hole _____ inches
- Depth to soil mottles 72" 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 material exist in all areas observed throughout the area proposed for the soil absorption material? yes

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

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Signature _____ Date 5/24/05