

Project Name: Morgan School  
 Project Location: Clinton, Connecticut

Site Id: 01SB01  
 Project Number: 2015-0298 A10



**FUSSE & O'NEILL**

146 HARTFORD ROAD  
 MANCHESTER, CONNECTICUT 06040  
 860.646.2469

Location: Terraced slope Datum: Logged By: D. Cook Driller: D. Levesque  
 Description: Soil Boring Ground Elevation: 0.00' Contractor: Fuss & O'Neill Borehole Dia.: 2.50in  
 Date(s): 07/01/15 - 07/01/15 Coordinate X: 0.00 Drilling Method: Direct Push  
 Total Depth: 3.00' Coordinate Y: 0.00 Back Fill:  
 Remarks: Field Instrument: PID Tiger type: Native Material fm: 0.00' to: 3.00'  
 type: fm: to:  
 type: fm: to:  
 type: fm: to:

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	PID
0		N/A		Silt and F-M sand; little F-C gravel; trace organics; brown (7.5YR 4/3), moist to wet at 3.0 feet. Loose. No odor.			U ppm
-0.6	0.6					ML	
-2	2			BEDROCK. Refusal and end of boring at 3.0 feet.		RK	
-4	4						
-6	6						
-8	8						
-10	10						
-12	12						
-14	14						
-16	16						
-18	18						

Project Name: Morgan School  
 Project Location: Clinton, Connecticut

Site Id: 01SB02  
 Project Number: 2015-0298 A10



**FUSSELL & O'NEILL**

146 HARTFORD ROAD  
 MANCHESTER, CONNECTICUT 06040  
 860.646.2459

Location: Left corner next to drywell	Datum:	Logged By: D. Cook	Driller: D. Levesque
Description: Soil Boring	Ground Elevation: 0.00'	Contractor: Fuss & O'Neil	Borehole Dia.: 2.50in
Date(s): 07/01/15 - 07/01/15	Coordinate X: 0.00	Drilling Method: Direct Push	
Total Depth: 7.00'	Coordinate Y: 0.00	Back Fill:	
Remarks: Field Instrument: PID Tiger		type: Native Material	fm: 0.00' to: 7.00'
		type:	fm: to:
		type:	fm: to:
		type:	fm: to:
		type:	fm: to:

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	PID
0		N/A		0-0.5': SILT; some F-M sand; trace organics; brown (7.5YR 4/3), moist. Loose. No odor. 0.5-5.0': SAND, F-M, light brown (2.5YR 6/2), moist. Loose. No odor.		ML	0 ppm 0 ppm
-2	2						
-4	4					SP	
-08				Same as above.			0 ppm
-6	6						
				BEDROCK. Refusal and end of boring at 7.0 feet.		RK	
-8	8						
-10	10						
-12	12						
-14	14						
-16	16						
-18	18						

Project Name: Morgan School  
 Project Location: Clinton, Connecticut

Site Id: 01SB03  
 Project Number: 2015-0298 A10



**FUSS & O'NEILL**

144 HARTFORD ROAD  
 MANCHESTER, CONNECTICUT 06040  
 860.646.2809

Location: Sidewalk E of building  
 Description: Soil Boring  
 Date(s): 07/01/15 - 07/01/15  
 Total Depth: 9.50'  
 Remarks: Field Instrument: PID Tiger

Datum:  
 Ground Elevation: 0.00'  
 Coordinate X: 0.00  
 Coordinate Y: 0.00

Logged By: D. Cook  
 Contractor: Fuss & O'Neill  
 Drilling Method: Direct Push  
 Back Fill:  
 type: Native Material  
 type:  
 type:  
 type:

Driller: D. Levesque  
 Borehole Dia.: 2.50in  
 fm: 0.00' to: 9.50'  
 fm: to:  
 fm: to:  
 fm: to:

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	PID
0		N/A		Silt and F-M sand; trace organics; brown (7.5YR 5/4), dry. Loose. No odor.		ML	0 ppm
-2	2						
-4	4						
-6	6	N/A		SAND, F-M; little F-C gravel; trace silt; 2 inch lense of black F gravel at 8.0 feet; brown (7.5YR 5/4), dry. Loose. No odor.		SP	0 ppm
-8	8	-07					
-10	10			Refusal and end of boring at 9.5 feet.			
-12	12						
-14	14						
-16	16						
-18	18						

Project Name: Morgan School  
 Project Location: Clinton, Connecticut

Site Id: 3ASB01  
 Project Number: 2015-0298 A10



Location: REC 3A, leach field      Datum:      Logged By: D. Cook      Driller: D. Levesque  
 Description: Soil Boring      Ground Elevation: 0.00'      Contractor: Fuss & O'Neill      Borehole Dia.: 2.50in  
 Date(s): 07/01/15 - 07/01/15      Coordinate X: 0.00      Drilling Method: Direct Push  
 Total Depth: 8.50'      Coordinate Y: 0.00      Back Fill:  
 Remarks: Field Instrument: PID Tiger      type: Asphalt      fm: 0.00'      to: 0.30'  
    type: Native Material      fm: 0.30'      to: 8.50'  
    type:      fm:      to:  
    type:      fm:      to:  
    type:      fm:      to:

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	PID
0		N/A		0-0.3': ASPHALT. 0.3-5.0': Silt and F-M sand; reddish brown (5YR 5/3), moist. Compact. No odor.		AS	0 ppm
-2	2					ML	
-4	4						
-5	5	-05		5.0-7.0': SAND, F-M; trace F-M angular gravel; light brown (7.5YR 6/3), moist. Loose. No odor. 7.0-8.5': Rock, pulverized and weathered bedrock.		SP	0 ppm
-8	8	N/A				RK	0 ppm
				Refusal and end of boring at 8.5 feet.			
-10	10						
-12	12						
-14	14						
-16	16						
-18	18						

<b>Location: REC 3B, baseball field</b> <b>Description: Soil Boring</b> <b>Date(s): 07/01/15 - 07/01/15</b> <b>Total Depth: 5.00'</b> <b>Remarks: Field Instrument: PID Tiger</b>	<b>Datum:</b> <b>Ground Elevation: 0.00'</b> <b>Coordinate X: 0.00</b> <b>Coordinate Y: 0.00</b>	<b>Logged By: D. Cook</b> <b>Contractor: Fuss &amp; O'Neill</b> <b>Drilling Method: Direct Push</b> <b>Driller: D. Levesque</b> <b>Borehole Dia.: 2.50in</b> <b>Back Fill:</b> type: Native Material           fm: 0.00'       to: 5.00' type:                            fm:             to: type:                            fm:             to: type:                            fm:             to:
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Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	PID
		N/A		0-0.5': SILT; some organics; trace F sand; brown (7.5YR 5/4), moist. Dense. No odor. 0.5-5.0': SILT; some F-C sand; trace F-C gravel; brown (7.5YR 4/4), wet at 4.0 feet. No odor.		ML	0 ppm 0 ppm
-2	2						
-4	4			End of boring at 5.0 feet.			
-6	6						
-8	8						
-10	10						
-12	12						
-14	14						
-16	16						
-18	18						

Project Name: Morgan School  
 Project Location: Clinton, Connecticut

Site Id: 4ASB01  
 Project Number: 2015-0298 A10



**FUSSE & O'NEILL**

146 HARTFORD ROAD  
 MANCHESTER, CONNECTICUT 06040  
 860.646.2469

Location: Current UST	Datum:	Logged By: D. Cook	Driller: D. Levesque
Description: Soil Boring	Ground Elevation: 0.00'	Contractor: Fuss & O'Neill	Borehole Dia.: 2.50in
Date(s): 07/01/15 - 07/01/15	Coordinate X: 0.00	Drilling Method: Direct Push	
Total Depth: 15.00'	Coordinate Y: 0.00	Back Fill:	
Remarks: Field Instrument: PID Tiger		type: Native Material	fm: 0.00' to: 15.00'
		type:	fm: to:
		type:	fm: to:
		type:	fm: to:

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	PID
0		N/A		0-0.5': SILT; some F sand; little organics; brown (7.5YR 4/3), dry. Loose. No odor. (Fill). 0.5-5.0': Silt and F sand; trace brick; brown (7.5YR 5/3), dry. Loose. No odor. (Fill).		FI	0 ppm 0 ppm
-2	2						
-4	4						
-6	6	N/A		Silt and F sand; brown (7.5YR 4/3), moist. Loose. No odor.			0 ppm
-8	8						
-10	10	-12		10-12': Same as above. 12-13': GRAVEL, M, brown (7.5YR 4/3), wet. Loose. No odor. 13-15': Silt and F sand; brown (7.5YR 4/3), wet. Loose. No odor.		ML	0 ppm
-12	12						0 ppm
-14	14	N/A				GW	0 ppm
-16	16						
-18	18			End of boring at 15 feet.		ML	

Project Name: Morgan School  
 Project Location: Clinton, Connecticut

Site Id: 4BSB01  
 Project Number: 2015-0298 A10



**FUSS & O'NEILL**

146 HARTFORD ROAD  
 MANCHESTER, CONNECTICUT 06040  
 860.646.2469

Location: Former UST	Datum:	Logged By: D. Cook	Driller: D. Levesque
Description: Soil Boring	Ground Elevation: 0.00'	Contractor: Fuss & O'Neill	Borehole Dia.: 2.50in
Date(s): 07/01/15 - 07/01/15	Coordinate X: 0.00	Drilling Method: Direct Push	
Total Depth: 12.00'	Coordinate Y: 0.00	Back Fill:	
Remarks: Field Instrument: PID Tiger		type: Native Material	fm: 0.00' to: 12.00'
		type:	fm: to:
		type:	fm: to:
		type:	fm: to:

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	PID
0		N/A		0-0.5': SILT; some F sand; little organics; brown (7.5YR 4/2), dry. Loose. No odor. 0.5-5.0': SAND, F-M; trace silt; light brown (7.5YR 6/3), dry. Loose. No odor.		ML	0 ppm 0 ppm
-2	2						
-4	4					SP	
		N/A		5.0-7.0': Same as above. 7.0-10': SILT; some F-C sand; trace F-C gravel; brown (7.5YR 5/4), moist. Loose. No odor.			0 ppm
-6	6						
-8	8						0 ppm
-10	10	-13		Same as above, wet. No odor.		ML	0 ppm
-12	12			Refusal and end of boring at 12 feet.			
-14	14						
-16	16						
-18	18						

Project Name: Morgan School  
 Project Location: Clinton, Connecticut

Site Id: LDSB01  
 Project Number: 2015-0298 A10



Location: Loading dock  
 Description: Soil Boring  
 Date(s): 07/01/15 - 07/01/15  
 Total Depth: 5.00'  
 Remarks: Field Instrument: PID Tiger

Datum:  
 Ground Elevation: 0.00'  
 Coordinate X: 0.00  
 Coordinate Y: 0.00

Logged By: D. Cook  
 Contractor: Fuss & O'Neill  
 Drilling Method: Direct Push  
 Back Fill:  
 type: Native Material  
 type:  
 type:  
 type:

Driller: D. Levesque  
 Borehole Dia.: 2.50in  
 fm: 0.00' to: 5.00'  
 fm: to:  
 fm: to:  
 fm: to:

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	PID
0		N/A -09		0-0.3': ASPHALT. 0.3-5.0': SAND, F-C; some silt; trace F-M rounded gravel; brown (7.5YR 5/3), dry. Loose. No odor.		AS	0 ppm
-2	2	N/A				SM	
-4	4			End of boring at 5.0 feet.			
-6	6						
-8	8						
-10	10						
-12	12						
-14	14						
-16	16						
-18	18						



Project Name: Morgan School  
 Project Location: Clinton, Connecticut

Site Id: MW-101  
 Project Number: 2015-0298 A10



**FUSS & O'NEILL**

146 HARTFORD ROAD  
 MANCHESTER, CONNECTICUT 06040  
 860.646.2469

Location: REC 3A, leach field	Datum:	Logged By: D. Cook	Driller: D. Levesque
Description: Monitoring Well, Shallow	Ground Elevation: 0.00'	Contractor: Fuss & O'Neill	Borehole Dia.: 2.50in
Date(s): 07/01/15 - 07/01/15	Coordinate X: 0.00	Drilling Method: Direct Push	
Completed Depth: 6.50'	Coordinate Y: 0.00	Blank Casing: type: PVC dia: 1.50in fm: 0.0' to: 1.50'	
Total Depth: 8.00'		Screens: type: Slotted size: 0.010in dia: 1.50in fm: 1.50' to: 6.50'	
Remarks: Field Instrument: PID Tiger Development Method: Surge block and submersible pump on 07/01/2015		Annular Fill: type: Concrete fm: 0.00' to: 0.50' type: Bentonite Chips fm: 0.50' to: 1.00' type: #0 Sand fm: 1.00' to: 6.50' type: Native Material fm: 6.50' to: 8.00'	

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	Well Construction		PID
							MP.	EL. 0.00	
0		N/A		0-0.3': ASPHALT. 0.3-1.0': SAND, F-C; some F-C angular gravel; trace silt; gray (5YR 5/1), moist. Firm. 1.0-2.5': SILT; little F-M sand; reddish brown (5YR 5/3), moist. Compact. No odor. 2.5-4.0': SAND, F-M; trace silt; dark gray (5YR 4/1), moist. Loose. No odor. 4.0-5.0': SILT; little F-M sand; trace C gravel; gray (5YR 5/1), wet. Compact. No odor.		AS SP		0 ppm 0 ppm	
-2	2	-03, -04				ML		0 ppm	
-4	4	N/A				SP		0 ppm	
-6	6	N/A		5.0-7.0': Same as above, wet at 5.0 feet. 7.0-8.0': ROCK, pulverized.		ML		0 ppm	
-8	8			Refusal and end of boring at 8.0 feet.		RK		0 ppm	
-10	10								
-12	12								
-14	14								
-16	16								

Project Name: Morgan School  
 Project Location: Clinton, Connecticut

Site Id: MW-102  
 Project Number: 2015-0298 A10



**FUSS & O'NEILL**

146 HARTFORD ROAD  
 MANCHESTER, CONNECTICUT 06040  
 860.646.2469

Location: Football field	Datum:	Logged By: D. Cook	Driller: D. Levesque
Description: Monitoring Well, Shallow	Ground Elevation: 0.00'	Contractor: Fuss & O'Neil	Borehole Dia.: 3.50in
Date(s): 07/01/15 - 07/01/15	Coordinate X: 0.00	Drilling Method: Direct Push	
Completed Depth: 7.00'	Coordinate Y: 0.00	Blank Casing: type: PVC dia: 1.50in fm: 0.0' to: 2.00'	
Total Depth: 10.00'		Screens: type: Slotted size: 0.010in dia: 1.50in fm: 2.00' to: 7.00'	
Remarks: Field Instrument: PID Tiger Development Method:		Annular Fill: type: Concrete fm: 0.00' to: 0.50' type: Bentonite Pellets fm: 0.50' to: 1.00' type: #0 Sand fm: 1.00' to: 7.00' type: Native Material fm: 7.00' to: 10.00'	

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	Well Construction	PID
0		N/A		SAND, F-C; some silt; little F-C gravel; brown (7.5YR 5/4), dry. Loose. No odor.			MP. EL. 0.00	0 ppm
-2	2							
-4	4							
-6	6	N/A		Same as above, wet at 7.0 feet.		SP		0 ppm
-8	8	-11						
-10	10			End of boring at 10 feet.				
-12	12							
-14	14							
-16	16							