MORETRENCH

DATE: 4/1/10
SHEET: 1 OF 1
SHIFT: 1st 2nd 3rd

Drilling and Grout Log

Job No.: 83-4545	Project Name: White Plains Former MGP		
Location: 12 Water Street, White Plains NY 10601		Weather:	58 & Sunny
Client: WRS Compass		Engineer:	Parsons

Working Parameters **Element Type: Col** **Nozzle Dia:** 6mm

Grout Mix:			
Water	380	lit	
Cement	95	kg	
Slag	285	kg	
Specific Gravity	1.48		

Element ID No.	AEI-7
GS (EL)	187.89
Rotation Speed (rpm)	12
Grout Pressure (Bar)	400
Grout Flow (gal/min)	98
Air Pressure (Bar)	7

Drilling Parameters:

Depth to Top of ISS:	NA	EL
Depth to Bottom of ISS:	NA	EL
Depth of Nozzle:	168.66	EL
Depth to Bottom:	167.16	EL
Time Start:	9:44	
Time Finish:	10:10	
Drilling Duration:	0:26	h:mm

Grouting Parameters:

Depth to Bottom of JGC:	168.66	EL
6 in/min Pull Rate to:	NA	EL
8 in/min Pull Rate to:	NA	EL
12 in/min Pull Rate to:	176.39	EL
Depth to Top of JGC:	181.69	EL
Time Start:	10:11	
Time Finish:	10:30	
Grouting Duration:	0:19	h:mm

Summary:

Constructed JG Height:	13.03	ft
Number of Overlaps:	0	

Depth	Notes
0 ft	
10 ft	
20 ft	
30 ft	
40 ft	
50 ft	
60 ft	

Notes:

Stopped jetting at 10:19am; restarted jetting at 10:25am

Technican Signature: John Stanbury

MORETRENCH

DATE: 3/30/10
SHEET: 1 OF 1
SHIFT: 1st 2nd 3rd

Drilling and Grout Log

Job No.: 83-4545	Project Name: White Plains Former MGP		
Location: 12 Water Street, White Plains NY 10601		Weather:	48 Rain
Client: WRS Compass		Engineer:	Parsons

Working Parameters **Element Type: Col** **Nozzle Dia:** 6mm

Grout Mix:			
Water	380	lit	
Cement	95	kg	
Slag	285	kg	
Specific Gravity	1.49		

Element ID No.	AE0-9
GS (EL)	187.46
Rotation Speed (rpm)	12
Grout Pressure (Bar)	400
Grout Flow (gal/min)	98
Air Pressure (Bar)	7

Drilling Parameters:

Depth to Top of ISS:	NA	EL
Depth to Bottom of ISS:	176.96	EL
Depth of Nozzle:	170.49	EL
Depth to Bottom:	168.99	EL
Time Start:	9:17	
Time Finish:	9:34	
Drilling Duration:	0:17	h:mm

Grouting Parameters:

Depth to Bottom of JGC:	168.99	EL
6 in/min Pull Rate to:	NA	EL
8 in/min Pull Rate to:	NA	EL
12 in/min Pull Rate to:	178.47	EL
Depth to Top of JGC:	178.47	EL
Time Start:	9:35	
Time Finish:	9:45	
Grouting Duration:	0:10	h:mm

Summary:

Constructed JG Height:	9.48	ft
Number of Overlaps:	0	

Depth	Notes
0 ft	
10 ft	
20 ft	
30 ft	
40 ft	
50 ft	
60 ft	

Notes:

Technican Signature: John Stanbury

MORETRENCH

DATE: 3/30/10
SHEET: 1 OF 1
SHIFT: 1st 2nd 3rd

Drilling and Grout Log

Job No.: 83-4545	Project Name: White Plains Former MGP		
Location: 12 Water Street, White Plains NY 10601		Weather:	48 Rain
Client: WRS Compass		Engineer:	Parsons

Working Parameters **Element Type: Col** **Nozzle Dia:** 6mm

Grout Mix:			
Water	380	lit	
Cement	95	kg	
Slag	285	kg	
Specific Gravity	1.49		

Element ID No.	AE0-10
GS (EL)	188.29
Rotation Speed (rpm)	12
Grout Pressure (Bar)	400
Grout Flow (gal/min)	98
Air Pressure (Bar)	7

Drilling Parameters:

Depth to Top of ISS:	NA	EL
Depth to Bottom of ISS:	180.29	EL
Depth of Nozzle:	170.76	EL
Depth to Bottom:	169.26	EL
Time Start:	8:29	
Time Finish:	8:46	
Drilling Duration:	0:17	h:mm

Grouting Parameters:

Depth to Bottom of JGC:	169.26	EL
6 in/min Pull Rate to:	NA	EL
8 in/min Pull Rate to:	NA	EL
12 in/min Pull Rate to:	180.42	EL
Depth to Top of JGC:	180.42	EL
Time Start:	8:46	
Time Finish:	9:00	
Grouting Duration:	0:14	h:mm

Summary:

Constructed JG Height:	11.16	ft
Number of Overlaps:	0	

Depth	Notes
0 ft	
10 ft	
20 ft	
30 ft	
40 ft	
50 ft	
60 ft	

Notes:

Technican Signature: John Stanbury

MORETRENCH

DATE: 3/29/10
SHEET: 1 OF 1
SHIFT: 1st 2nd 3rd

Drilling and Grout Log

Job No.: 83-4545	Project Name: White Plains Former MGP		
Location: 12 Water Street, White Plains NY 10601		Weather:	48 Rain
Client: WRS Compass		Engineer:	Parsons

Working Parameters **Element Type: Col** **Nozzle Dia:** 6mm

Grout Mix:			
Water	380	lit	
Cement	95	kg	
Slag	285	kg	
Specific Gravity	1.48		

Element ID No.	AE0-11
GS (EL)	187.65
Rotation Speed (rpm)	12
Grout Pressure (Bar)	400
Grout Flow (gal/min)	98
Air Pressure (Bar)	7

Drilling Parameters:

Depth to Top of ISS:	NA	EL
Depth to Bottom of ISS:	179.65	EL
Depth of Nozzle:	168.33	EL
TOR:	168.35	EL
Time Start:	14:25	
Time Finish:	14:40	
Drilling Duration:	0:15	h:mm

Grouting Parameters:

Depth to Bottom of JGC:	168.33	EL
6 in/min Pull Rate to:	NA	EL
8 in/min Pull Rate to:	NA	EL
12 in/min Pull Rate to:	181.19	EL
Depth to Top of JGC:	181.19	EL
Time Start:	14:41	
Time Finish:	14:55	
Grouting Duration:	0:14	h:mm

Summary:

Constructed JG Height:	12.86	ft
Number of Overlaps:	0	

Depth	Notes
0 ft	
10 ft	9.5' Bottom of ISS
20 ft	
30 ft	
40 ft	
50 ft	
60 ft	

Notes:

Technican Signature: John Stanbury

MORETRENCH

DATE: 3/30/10
SHEET: 1 OF 1
SHIFT: 1st 2nd 3rd

Drilling and Grout Log

Job No.: 83-4545	Project Name: White Plains Former MGP		
Location: 12 Water Street, White Plains NY 10601		Weather:	48 Rain
Client: WRS Compass		Engineer:	Parsons

Working Parameters **Element Type: Col** **Nozzle Dia:** 6mm

Grout Mix:			
Water	380	lit	
Cement	95	kg	
Slag	285	kg	
Specific Gravity	1.49		

Element ID No.	AE0-12
GS (EL)	188.65
Rotation Speed (rpm)	12
Grout Pressure (Bar)	400
Grout Flow (gal/min)	98
Air Pressure (Bar)	7

Drilling Parameters:

Depth to Top of ISS:	NA	EL
Depth to Bottom of ISS:	183.65	EL
Depth of Nozzle:	172.63	EL
Depth to Bottom:	171.13	EL
Time Start:	10:00	
Time Finish:	10:13	
Drilling Duration:	0:13	h:mm

Grouting Parameters:

Depth to Bottom of JGC:	171.13	EL
6 in/min Pull Rate to:	NA	EL
8 in/min Pull Rate to:	NA	EL
12 in/min Pull Rate to:	185.11	EL
Depth to Top of JGC:	185.11	EL
Time Start:	10:14	
Time Finish:	10:29	
Grouting Duration:	0:15	h:mm

Summary:

Constructed JG Height:	13.98	ft
Number of Overlaps:	0	

Depth	Notes
0 ft	
10 ft	
20 ft	
30 ft	
40 ft	
50 ft	
60 ft	

Notes:

Samlped hole

Last hole for day; shut down by WRSCompass due to weather

Technican Signature: John Stanbury

MORETRENCH

DATE: 3/29/10
SHEET: 1 OF 1
SHIFT: 1st 2nd 3rd

Drilling and Grout Log

Job No.: 83-4545	Project Name: White Plains Former MGP		
Location: 12 Water Street, White Plains NY 10601		Weather:	48 Rain
Client: WRS Compass		Engineer:	Parsons

Working Parameters **Element Type: Col** **Nozzle Dia:** 6mm

Grout Mix:			
Water	380	lit	
Cement	95	kg	
Slag	285	kg	
Specific Gravity	1.48		

Element ID No.	AE0-13
GS (EL)	186.7
Rotation Speed (rpm)	12
Grout Pressure (Bar)	400
Grout Flow (gal/min)	98
Air Pressure (Bar)	7

Drilling Parameters:

Depth to Top of ISS:	NA	EL
Depth to Bottom of ISS:	180.70	EL
Depth of Nozzle:	175.55	EL
Depth to Bottom:	175.55	EL
Time Start:	12:39	
Time Finish:	13:43	
Drilling Duration:	1:04	h:mm

Grouting Parameters:

Depth to Bottom of JGC:	NA	EL
6 in/min Pull Rate to:	NA	EL
8 in/min Pull Rate to:	NA	EL
12 in/min Pull Rate to:	NA	EL
Depth to Top of JGC:	NA	EL
Time Start:		
Time Finish:		
Grouting Duration:	0:00	h:mm

Summary:

Constructed JG Height:	0.00	ft
Number of Overlaps:	0	

Depth	Notes
0 ft	
10 ft	
20 ft	
30 ft	
40 ft	
50 ft	
60 ft	

Notes:

Solid material for entire length of drilling. Tremie grouted hole.
New roller cone destroyed from drilling of 14'

Technican Signature: John Stanbury

MORETRENCH

DATE: 3/29/10
SHEET: 1 OF 1
SHIFT: 1st 2nd 3rd

Drilling and Grout Log

Job No.: 83-4545	Project Name: White Plains Former MGP		
Location: 12 Water Street, White Plains NY 10601		Weather:	48 Rain
Client: WRS Compass		Engineer:	Parsons

Working Parameters **Element Type: Col** **Nozzle Dia:** 6mm

Grout Mix:			
Water	380	lit	
Cement	95	kg	
Slag	285	kg	
Specific Gravity	1.48		

Element ID No.	AE0-14
GS (EL)	186.56
Rotation Speed (rpm)	12
Grout Pressure (Bar)	400
Grout Flow (gal/min)	98
Air Pressure (Bar)	7

Drilling Parameters:

Depth to Top of ISS:	NA	EL
Depth to Bottom of ISS:	180.56	EL
Depth of Nozzle:	172.49	EL
TOR:	172.49	EL
Time Start:	11:51	
Time Finish:	12:24	
Drilling Duration:	0:33	h:mm

Grouting Parameters:

Depth to Bottom of JGC:	NA	EL
6 in/min Pull Rate to:	NA	EL
8 in/min Pull Rate to:	NA	EL
12 in/min Pull Rate to:	NA	EL
Depth to Top of JGC:	NA	EL
Time Start:		
Time Finish:		
Grouting Duration:	0:00	h:mm

Summary:

Constructed JG Height:	0.00	ft
Number of Overlaps:	0	

Depth	Notes
0 ft	
10 ft	
20 ft	
30 ft	
40 ft	
50 ft	
60 ft	

Notes:

Solid material for entire length of drilling. Tremie grouted hole.
New roller cone destroyed from drilling of 14'

Technican Signature: John Stanbury

MORETRENCH

DATE: 3/29/10
SHEET: 1 OF 1
SHIFT: 1st 2nd 3rd

Drilling and Grout Log

Job No.: 83-4545	Project Name: White Plains Former MGP		
Location: 12 Water Street, White Plains NY 10601		Weather:	48 Rain
Client: WRS Compass		Engineer:	Parsons

Working Parameters **Element Type: Col** **Nozzle Dia:** 6mm

Grout Mix:			
Water	380	lit	
Cement	95	kg	
Slag	285	kg	
Specific Gravity	1.48		

Element ID No.	AE0-15
GS (EL)	187.09
Rotation Speed (rpm)	12
Grout Pressure (Bar)	400
Grout Flow (gal/min)	98
Air Pressure (Bar)	7

Drilling Parameters:

Depth to Top of ISS:	NA	EL
Depth to Bottom of ISS:	181.09	EL
Depth of Nozzle:	172.98	EL
TOR:	172.98	EL
Time Start:	9:56	
Time Finish:	10:49	
Drilling Duration:	0:53	h:mm

Grouting Parameters:

Depth to Bottom of JGC:	NA	EL
6 in/min Pull Rate to:	NA	EL
8 in/min Pull Rate to:	NA	EL
12 in/min Pull Rate to:	NA	EL
Depth to Top of JGC:	NA	EL
Time Start:		
Time Finish:		
Grouting Duration:	0:00	h:mm

Summary:

Constructed JG Height:	0.00	ft
Number of Overlaps:	0	

Depth	Notes
0 ft	
10 ft	
20 ft	
30 ft	
40 ft	
50 ft	
60 ft	

Notes:

Solid material for entire length of drilling. Tremie grouted hole.

Technican Signature: John Stanbury

MORETRENCH

DATE: 3/29/10
SHEET: 1 OF 1
SHIFT: 1st 2nd 3rd

Drilling and Grout Log

Job No.: 83-4545	Project Name: White Plains Former MGP		
Location: 12 Water Street, White Plains NY 10601		Weather:	48 Rain
Client: WRS Compass		Engineer:	Parsons

Working Parameters **Element Type: Col** **Nozzle Dia:** 6mm

Grout Mix:			
Water	380	lit	
Cement	95	kg	
Slag	285	kg	
Specific Gravity	1.48		

Element ID No.	AE0-16
GS (EL)	186.88
Rotation Speed (rpm)	12
Grout Pressure (Bar)	400
Grout Flow (gal/min)	98
Air Pressure (Bar)	7

Drilling Parameters:

Depth to Top of ISS:	NA	EL
Depth to Bottom of ISS:	180.88	EL
Depth of Nozzle:	177.96	EL
TOR:	177.98	EL
Time Start:	9:10	
Time Finish:	9:28	
Drilling Duration:	0:18	h:mm

Grouting Parameters:

Depth to Bottom of JGC:	177.96	EL
6 in/min Pull Rate to:	NA	EL
8 in/min Pull Rate to:	NA	EL
12 in/min Pull Rate to:	182.38	EL
Depth to Top of JGC:	182.38	EL
Time Start:	9:28	
Time Finish:	9:36	
Grouting Duration:	0:08	h:mm

Summary:

Constructed JG Height:	4.42	ft
Number of Overlaps:	0	

Depth	Notes
0 ft	
10 ft	
20 ft	
30 ft	
40 ft	
50 ft	
60 ft	

Notes:

Technican Signature: John Stanbury

MORETRENCH

DATE: 3/29/10
SHEET: 1 OF 1
SHIFT: 1st 2nd 3rd

Drilling and Grout Log

Job No.: 83-4545	Project Name: White Plains Former MGP		
Location: 12 Water Street, White Plains NY 10601		Weather:	48 Rain
Client: WRS Compass		Engineer:	Parsons

Working Parameters **Element Type: Col** **Nozzle Dia:** 6mm

Grout Mix:			
Water	380	lit	
Cement	95	kg	
Slag	285	kg	
Specific Gravity	1.47		

Element ID No.	AE0-17
GS (EL)	186.76
Rotation Speed (rpm)	12
Grout Pressure (Bar)	400
Grout Flow (gal/min)	98
Air Pressure (Bar)	7

Drilling Parameters:

Depth to Top of ISS:	NA	EL
Depth to Bottom of ISS:	NA	EL
Depth of Nozzle:	NA	EL
TOR:	172.49	EL
Time Start:	8:10	
Time Finish:	9:01	
Drilling Duration:	0:51	h:mm

Grouting Parameters:

Depth to Bottom of JGC:	NA	EL
6 in/min Pull Rate to:	NA	EL
8 in/min Pull Rate to:	NA	EL
12 in/min Pull Rate to:	NA	EL
Depth to Top of JGC:	NA	EL
Time Start:		
Time Finish:		
Grouting Duration:	0:00	h:mm

Summary:

Constructed JG Height:		ft
Number of Overlaps:	0	

Depth	Notes
0 ft	
10 ft	
20 ft	
30 ft	
40 ft	
50 ft	
60 ft	

Notes:

Solid material for entire length of drilling. Tremie grouted hole.

Technican Signature: John Stanbury

MORETRENCH

DATE: 3/26/10
SHEET: 1 OF 1
SHIFT: 1st 2nd 3rd

Drilling and Grout Log

Job No.: 83-4545	Project Name: White Plains Former MGP		
Location: 12 Water Street, White Plains NY 10601		Weather:	53 Rain
Client: WRS Compass		Engineer:	Parsons

Working Parameters **Element Type: Col** **Nozzle Dia:** 6mm

Grout Mix:			
Water	380	lit	
Cement	95	kg	
Slag	285	kg	
Specific Gravity	1.47		

Element ID No.	AE0-18
GS (EL)	187.67
Rotation Speed (rpm)	12
Grout Pressure (Bar)	400
Grout Flow (gal/min)	98
Air Pressure (Bar)	7

Drilling Parameters:

Depth to Top of ISS:	NA	EL
Depth to Bottom of ISS:	NA	EL
Depth of Nozzle:	173.33	EL
TOR:	173.33	EL
Time Start:	13:57	
Time Finish:	14:27	
Drilling Duration:	0:30	h:mm

Grouting Parameters:

Depth to Bottom of JGC:	NA	EL
6 in/min Pull Rate to:	NA	EL
8 in/min Pull Rate to:	NA	EL
12 in/min Pull Rate to:	NA	EL
Depth to Top of JGC:	NA	EL
Time Start:		
Time Finish:		
Grouting Duration:	0:00	h:mm

Summary:

Constructed JG Height:		ft
Number of Overlaps:	0	

Depth	Notes
0 ft	
10 ft	
20 ft	
30 ft	
40 ft	
50 ft	
60 ft	

Notes:

Solid material for entire length of drilling. Tremie grouted hole.

Technican Signature: John Stanbury

MORETRENCH

DATE: 3/26/10
SHEET: 1 OF 1
SHIFT: 1st 2nd 3rd

Drilling and Grout Log

Job No.: 83-4545	Project Name: White Plains Former MGP		
Location: 12 Water Street, White Plains NY 10601		Weather:	53 Rain
Client: WRS Compass		Engineer:	Parsons

Working Parameters **Element Type: Col** **Nozzle Dia:** 6mm

Grout Mix:			
Water	380	lit	
Cement	95	kg	
Slag	285	kg	
Specific Gravity	1.47		

Element ID No.	AE0-19
GS (EL)	187.67
Rotation Speed (rpm)	12
Grout Pressure (Bar)	400
Grout Flow (gal/min)	98
Air Pressure (Bar)	7

Drilling Parameters:

Depth to Top of ISS:	NA	EL
Depth to Bottom of ISS:	NA	EL
Depth of Nozzle:	172.97	EL
TOR:	173.13	EL
Time Start:	12:29	
Time Finish:	13:04	
Drilling Duration:	0:35	h:mm

Grouting Parameters:

Depth to Bottom of JGC:	172.97	EL
6 in/min Pull Rate to:	NA	EL
8 in/min Pull Rate to:	NA	EL
12 in/min Pull Rate to:	184.36	EL
Depth to Top of JGC:	184.36	EL
Time Start:	13:04	
Time Finish:	13:18	
Grouting Duration:	0:14	h:mm

Summary:

Constructed JG Height:	11.39	ft
Number of Overlaps:	0	

Depth	Notes
0 ft	
10 ft	
20 ft	
30 ft	
40 ft	
50 ft	
60 ft	

Notes:

Solid material for entire length of drilling. Jetted due to miscommunication.

Technican Signature: John Stanbury