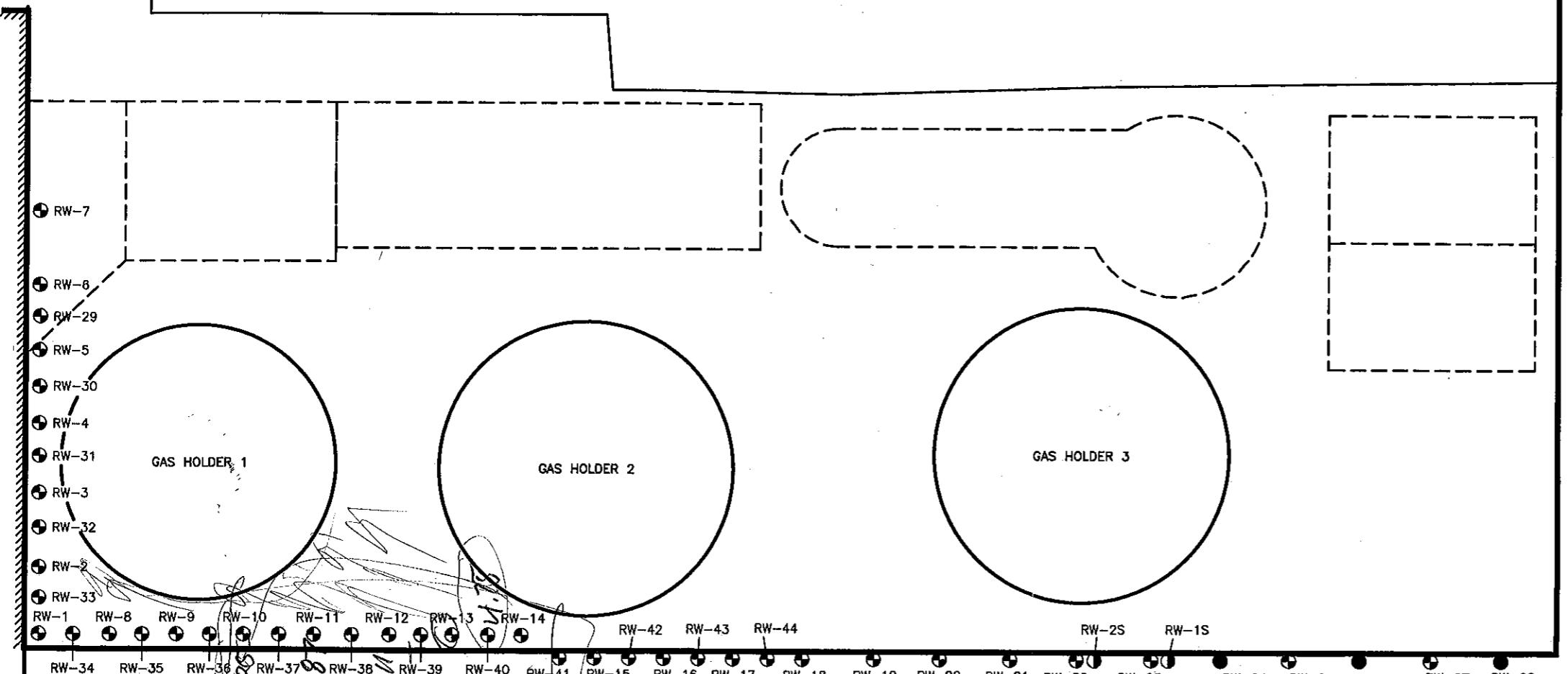


FORMER POST OFFICE BUILDING

11TH STREET

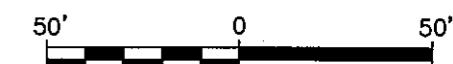


LEGEND

- RW-1 ● APPROXIMATE LOCATION OF DEEP PRODUCT COLLECTION WELL
- RW-1S ● APPROXIMATE LOCATION OF SHALLOW PRODUCT COLLECTION WELL
- RW-24 ● WELL NOT INSTALLED
- [Dashed Line] APPROXIMATE EXTENT OF FORMER BUILDINGS

NOTE:

WELLS RW-24, RW-26 AND RW-28 WERE DETERMINED TO BE NOT NECESSARY BASED ON OBSERVATIONS DURING DRILLING OF WELLS RW-23, RW-25 AND RW-27.



Title: APPROXIMATE LOCATIONS OF PRODUCT COLLECTION WELLS

124-136 SECOND AVENUE  
BROOKLYN, NEW YORK

Prepared For:

FC GOWANUS LLC

<b>ROUX</b> ROUX ASSOCIATES, INC. Environmental Consulting & Management	Compiled by: G.T.	Date: 30MAY02	FIGURE
	Prepared by: G.M.	Scale: AS SHOWN	
	Project Mgr: G.T.	Office: NY	
	File No: FCR0114001	Project: FCR924Y03	1



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Page 1 of 1

## SOIL BORING LOG

WELL NO.	NORTHING	EASTING
AN-3		
PROJECT NO./NAME 92401Y02 / FCRC 2nd Avenue MGP Site		LOCATION 124-136 2nd Avenue
APPROVED BY S. Glash	LOGGED BY T. Mills	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER Aquifer Drilling & Testing, Inc. /		GEOGRAPHIC AREA Area A
DRILL BIT DIAMETER/TYPE 4.25-in. / Auger	BOREHOLE DIAMETER 6-inches	DRILLING EQUIPMENT/METHOD / HSA
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	SAMPLING METHOD 2" Split Spoon
		START-FINISH DATE 1/21/02-1/21/02
		CUTTINGS/BENTONITE PELLETS

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown fine to medium SAND, trace Gravel, trace Wood, trace Brick; dry (fill)	23 36 30 28 16 17 21 13 10 15 10 9 8 8 5 12 5 6 5 9 2 2 2 1 1 1 1 1 2 1 3 3		
5		Brown to gray fine to medium Sand and Gravel, trace Brick, trace Concrete; dry (fill)		19.8	
		Brown to black stained fine to medium SAND, trace Silt; dry (fill)		67.1	
		Brown to black stained fine to medium SAND, trace Silt, trace Gravel; dry (fill)		101	Slight odor.
		Brown to reddish brown Silt and fine Sand; (fill)		58.2	
		Black stained fine to medium Sand and Silt; (fill)		40.2	
				30.1	
10		Dark brown to reddish brown fine to medium Sand and Silt, trace Clay; (fill)		Free product.	
				80.2	
				59.1	
				24.9	
				58.5	
				55.9	
				55.9	
15		Dark gray to black stained fine to medium Sand and Gravel; (fill)  PEAT		Free product.	
					Bottom of boring 16 feet below land surface.



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## SOIL BORING LOG

WELL NO.	NORTHING	EASTING
AN-4		
PROJECT NO./NAME		LOCATION
92401Y02 / FCRC 2nd Avenue MGP Site		124-136 2nd Avenue
APPROVED BY	LOGGED BY	
S. Glash	D. Moss	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA
Aquifer Drilling & Testing, Inc. / J. Philbin		Area A
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD
3 7/8 inch / Tri-Cone	4-inches	CME-45 / Drive and Wash
LAND SURFACE ELEVATION	DEPTH TO WATER	SAMPLING METHOD
(FT.)	(Feet BLS)	2" Split Spoon
		START-FINISH DATE
		2/7/02-2/7/02

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PI0 Values (ppm)	REMARKS
		Dark brown to tan medium to coarse SAND, trace Gravel, trace Brick, trace Concrete; moist (fill)	15 19 18 31 15 15 30 27 6 7 6 10 12 10 2 2	7.9 55.2 52.3 12.8 3.1 6.9	
5		Dark brown to tan medium to coarse SAND, trace Gravel, trace Brick, trace Concrete; moist (fill)			5
		Black stained fine SAND, little Silt, trace Gravel, trace Coal Fragments; moist (fill)			
5		Black stained fine SAND, some Coal Fragments, little Gravel, trace Silt; wet (fill)			
		Gray fine SAND, little Coal Fragments, little Silt, trace Gravel; wet (fill)			
10		Dark gray to black stained fine to coarse SAND, some Gravel, little Silt, trace Glass; wet (fill)			10
		No recovery			
10		Black stained medium to coarse SAND, little Silt, little Gravel; wet (fill)			
15	PEAT	PEAT			15



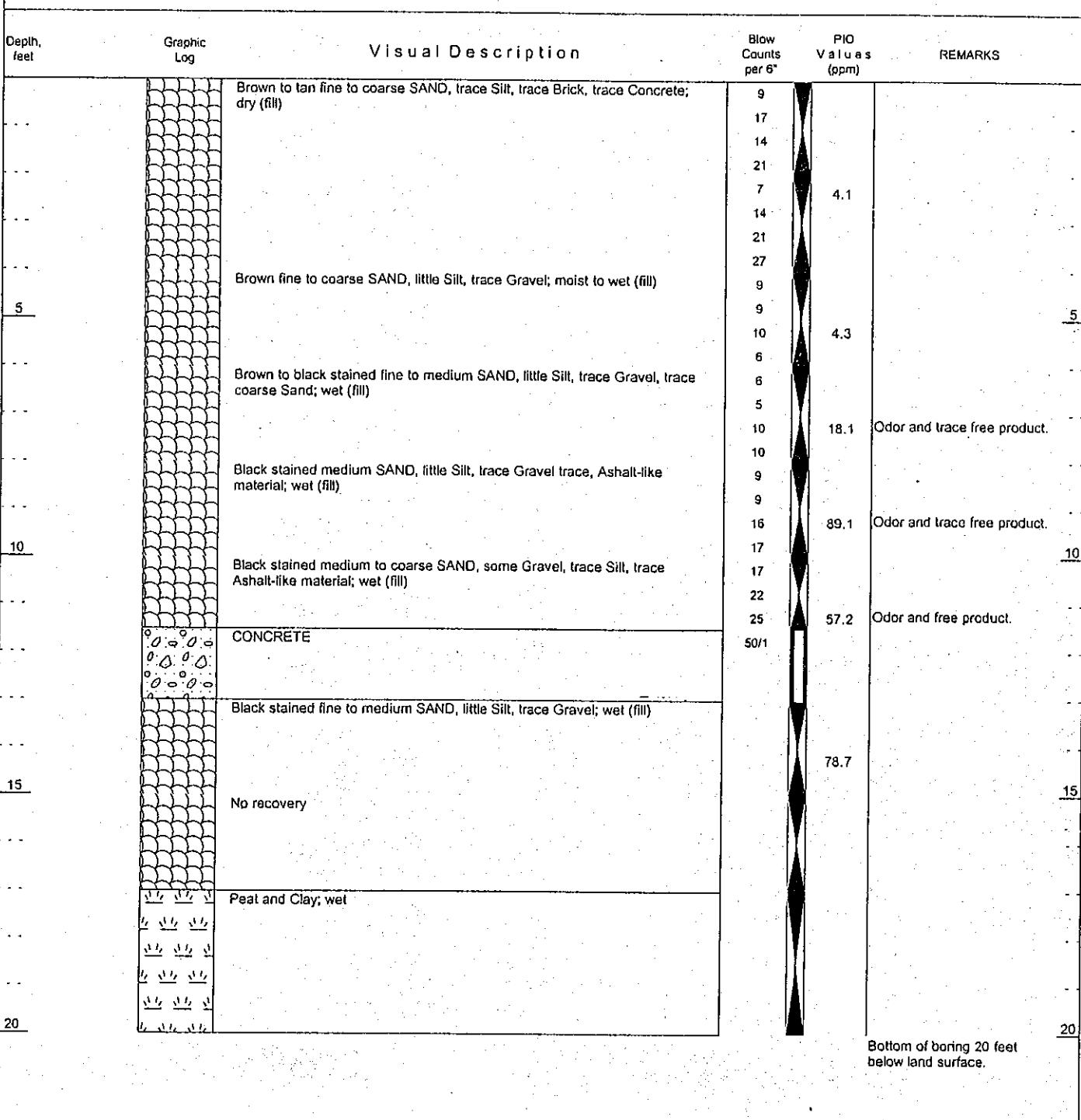
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## **SOIL BORING LOG**

WELL NO. AN-6	NORTHING	EASTING		
PROJECT NO./NAME 92401Y02 / FCRC 2nd Avenue MGP Site	LOCATION 124-136 2nd Avenue			
APPROVED BY S. Glash	LOGGED BY D.Moss	Brooklyn, New York		
DRILLING CONTRACTOR/DRILLER Aquifer Drilling & Testing, Inc. / J. Philbin		GEOGRAPHIC AREA Area A		
DRILL BIT DIAMETER/TYPE 3 7/8 inch / Tri-Cone	BOREHOLE DIAMETER 4-inches	DRILLING EQUIPMENT/METHOD CME-45 / Drive and Wash	SAMPLING METHOD 2" Split Spoon	START-FINISH DATE 2/19/02-2/19/02
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	BACKFILL	Cuttings/Bentonite Pellets	





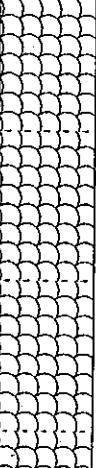
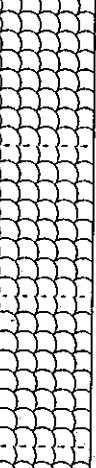
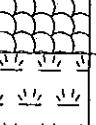
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## SOIL BORING LOG

WELL NO.	NORTHING	EASTING
AN-9		
PROJECT NO./NAME		LOCATION
92401Y02 / FCRC 2nd Avenue MGP Site		124-136 2nd Avenue
APPROVED BY	LOGGED BY	
S. Glash	D.Moss	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA
Aquifer Drilling & Testing, Inc. / D. Pepe		Area A
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD
3 7/8 inch / Tri-Cone	4-inches	CME-75 / Drive and Wash
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	SAMPLING METHOD
		2" Split Spoon
		START-FINISH DATE
		3/12/02-3/13/02

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5		Tan to brown fine to coarse SAND, trace Gravel, trace Brick, trace Concrete, trace Wood; dry (fill)	18 20 23 20 23 18 30 46 10 50/5		
5		Tan to brown fine to coarse SAND, trace Gravel, trace Brick, trace Concrete, trace Wood; wet at 4 ft. (fill)			
10		Brown to red Sand and Gravel, little Concrete, trace Silt; wet (fill)	5 3 1 1		Odor and Free product.
10		CONCRETE			Slight odor.
15		Black fine SAND, some Silt, trace coarse Sand, trace Gravel; wet (fill)	1 1 1 1 2 1 1 1		
15		Light brown fine SAND, some Silt, trace Gravel; wet (fill)			
15		Light brown fine SAND and Silt, trace Clay, trace Gravel; wet (fill)			
15		Brown PEAT, and green to grey Clay	1 1 1		Bottom of boring 16 feet below land surface.



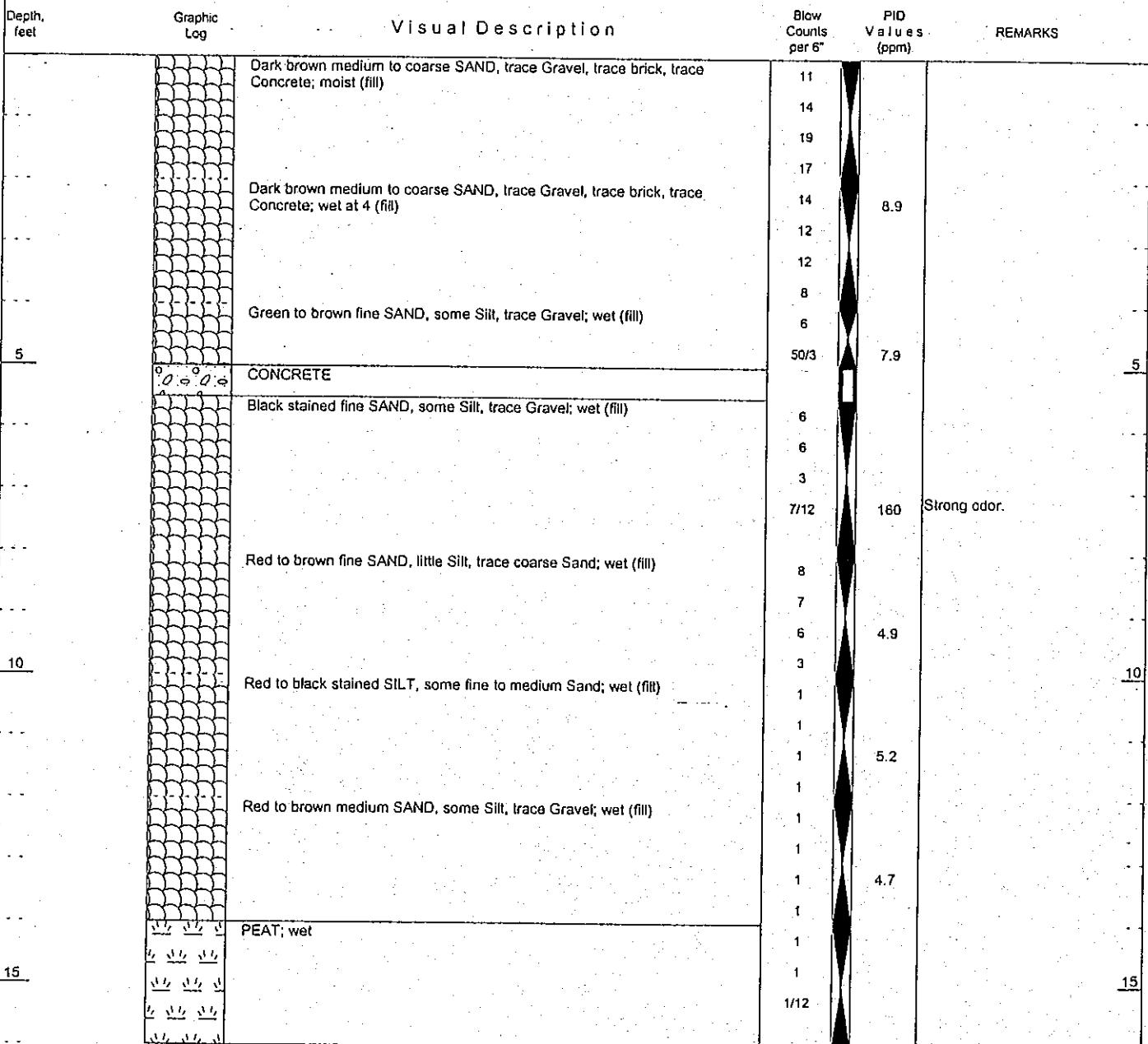
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## **SOIL BORING LOG**

WELL NO. <b>AN-9N</b>	NORTHING	EASTING		
PROJECT NO./NAME <b>92401Y02 / FCRC 2nd Avenue MGP Site</b>	LOCATION <b>124-136 2nd Avenue</b>			
APPROVED BY <b>S. Glash</b>	LOGGED BY <b>D.Moss</b>	<b>Brooklyn, New York</b>		
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc.</b>	GEOGRAPHIC AREA <b>Area A</b>			
DRILL BIT DIAMETER/TYPE <b>3 7/8 inch / Tri-Cone</b>	BOREHOLE DIAMETER <b>4-inches</b>	DRILLING EQUIPMENT/METHOD <b>CME-75 / Drive and Wash</b>	SAMPLING METHOD <b>2" Split Spoon</b>	START-FINISH DATE <b>3/13/02-3/13/02</b>
LAND SURFACE ELEVATION <b>(FT.)</b>	DEPTH TO WATER <b>(Feet BLS)</b>	BACKFILL <b>Grout</b>		



Bottom of boring 16 feet  
below land surface.



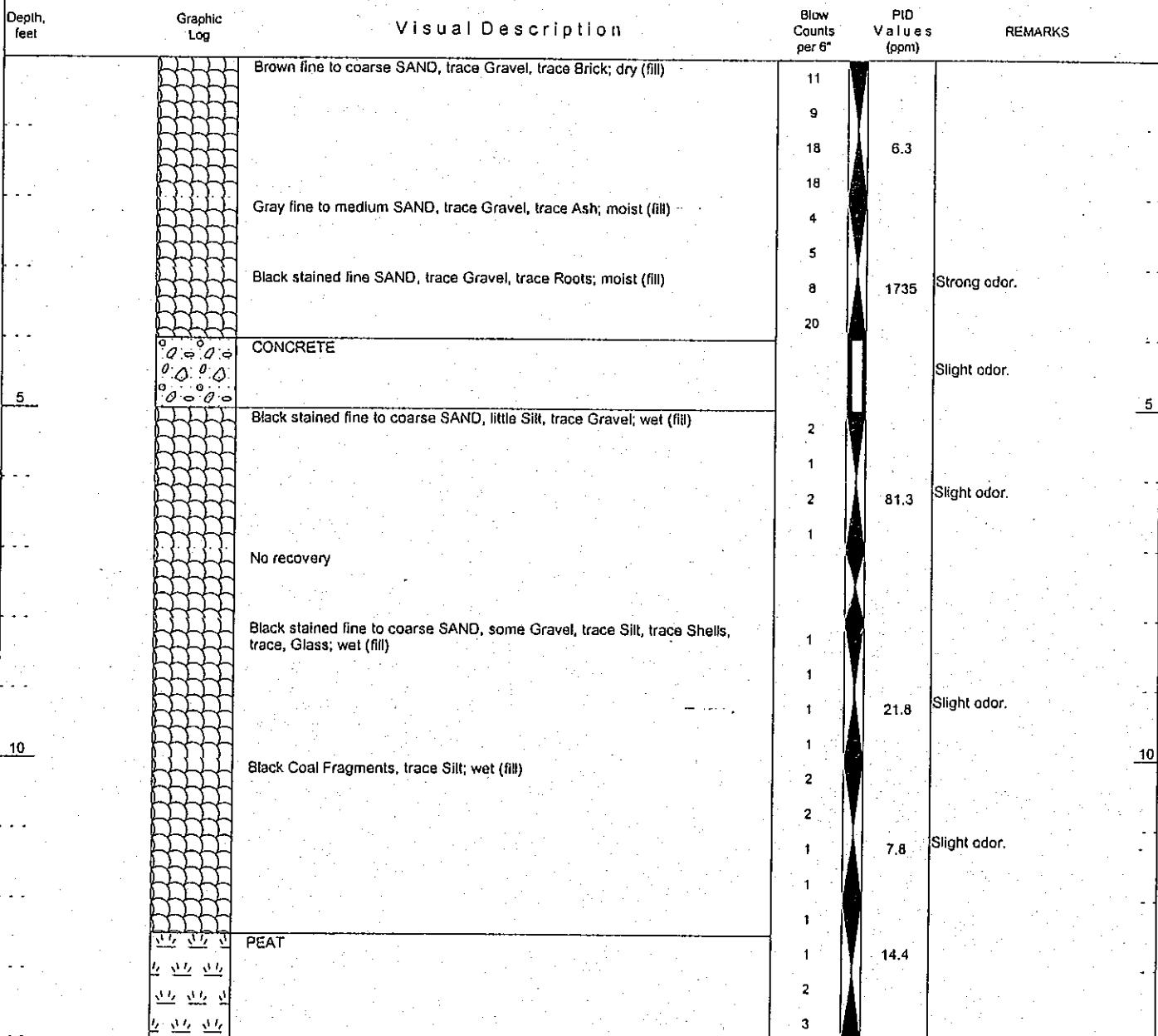
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## **SOIL BORING LOG**

WELL NO. <b>ANE-1</b>	NORTHING	EASTING		
PROJECT NO./NAME <b>92401Y02 / FCRC 2nd Avenue MGP Site</b>	LOCATION <b>124-136 2nd Avenue</b>			
APPROVED BY <b>S. Glash</b>	LOGGED BY <b>D.Moss</b>	<b>Brooklyn, New York</b>		
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / J. Philbin</b>	GEOGRAPHIC AREA			
DRILL BIT DIAMETER/TYPE <b>3 7/8 inch / Tri-Cone</b>	BOREHOLE DIAMETER <b>4-inches</b>	DRILLING EQUIPMENT/METHOD <b>CME-45 / Drive and Wash</b>	SAMPLING METHOD <b>2" Split Spoon</b>	START-FINISH DATE <b>1/21/02-1/21/02</b>
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	BACKFILL Grout		



Bottom of boring 14 feet  
below land surface.



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## SOIL BORING LOG

WELL NO. <b>ANW-1 (SB-3)</b>	NORTHING	EASTING			
PROJECT NO./NAME <b>92401Y02 / FCRC 2nd Avenue MGP Site</b>		LOCATION <b>124-136 2nd Avenue</b>			
APPROVED BY <b>S. Glash</b>	LOGGED BY <b>D.Moss</b>	Brooklyn, New York			
DRILLING CONTRACTOR/DRILLER <b>Roux Associates Inc / P. Barczak</b>	BOREHOLE DIAMETER <b>2-in. / Drive Sampler</b>	DRILLING EQUIPMENT/METHOD <b>/ Geoprobe</b>	SAMPLING METHOD <b>2" Macro-Core</b>	START-FINISH DATE <b>1/2/02-1/2/02</b>	
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	BACKFILL <b>Cuttings/Bentonite Pellets</b>			

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown fine to medium SAND, trace Silt, trace Gravel, trace Coal, trace Brick; dry (fill)		0.0	
5		Light brown to black stained fine to medium SAND, trace Silt, trace Gravel; dry (fill)		0.0	
		Black stained fine to coarse SAND, some Silt, trace Gravel, trace Coal; wet (fill)		49.5	Slight odor.
		Black stained fine to coarse Sand and Silt, trace Gravel; wet (fill)		91.5	
10		Black stained SILT, little fine to coarse Sand, trace Gravel; (fill)		7.2	Slight odor and sheen on water.
		Black stained Silt and fine Sand; wet		35.2	Slight odor.
15		PEAT, little green to gray Silt, trace Sand; wet (fill)		0.0	
20					Bottom of boring 20 feet below land surface.



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## SOIL BORING LOG

WELL NO. <b>AS-2</b>	NORTHING	EASTING		
PROJECT NO./NAME <b>92401Y02 / FCRC 2nd Avenue MGP Site</b>	LOCATION <b>124-136 2nd Avenue</b>			
APPROVED BY <b>S. Glash</b>	LOGGED BY <b>D.Moss</b>	Brooklyn, New York		
DRILLING CONTRACTOR/DRILLER <b>Roux Associates Inc / P. Barczak</b>	GEOGRAPHIC AREA <b>Area A</b>			
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>/ Geoprobe</b>	SAMPLING METHOD <b>2" Macro-Core</b>	START-FINISH DATE <b>1/8/02-1/8/02</b>
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	BACKFILL	Cuttings/Bentonite Pellets	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown to black-stained fine to coarse SAND, trace Gravel, trace Brick; dry (fill)		0.0	
5		Black stained fine to medium SAND, trace Gravel; dry to wet (fill)		6.7	
				4.9	5
				58.8	Trace free product.
10		Black stained fine to coarse SAND, little Gravel, trace Silt; wet (fill)		22.3	
					10
15		No recovery			
					15

Bottom of boring 16 feet  
below land surface.



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Page 1 of 1

## SOIL BORING LOG

WELL NO.	NORTHING	EASTING
ASW-1 (SB-2)		
PROJECT NO./NAME		LOCATION
92401Y02 / FCRC 2nd Avenue MGP Site		124-136 2nd Avenue
APPROVED BY	LOGGED BY	
S. Glash	D.Moss	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA
Roux Associates Inc / P. Barczak		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD
2-in. / Drive Sampler	2-inches	/ Geoprobe
LAND SURFACE ELEVATION	DEPTH TO WATER	SAMPLING METHOD
(FT.)	(Feet BLS)	2" Macro-Core
		START-FINISH DATE
		1/2/02-1/2/02

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Fine to medium SAND, trace Silt, trace Gravel, trace Glass, trace Brick; dry (fill)		0.0	
				225	
5		Black stained fine to coarse SAND, trace Brick; dry (fill)		71.2	Strong odor.
				58.4	
		Black stained SILT, trace fine to medium Sand, trace brick; wet (fill)		201	
				221	Free product.
10		Black stained coarse to fine Sand and Silt, trace Gravel, trace Brick; wet (fill)			
					10
		Brown coarse to fine Sand and Silt, trace Gravel; wet (fill)			
		Dark brown SILT, some fine to medium Sand, trace Gravel; wet			
15		PEAT			
					15

Bottom of boring 16 feet  
below land surface.



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Page 1 of 1

## SOIL BORING LOG

WELL NO.	NORTHING	EASTING
ASW-2		
PROJECT NO./NAME		LOCATION
92401Y02 / FCRC 2nd Avenue MGP Site		124-136 2nd Avenue
APPROVED BY	LOGGED BY	
S. Glash	D.Moss	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA
Roux Associates Inc / P. Barczak		Area A
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD
2-in. / Drive Sampler	2-inches	/ Geoprobe
LAND SURFACE ELEVATION	DEPTH TO WATER	SAMPLING METHOD
(FT.)	(Feet BLS)	2" Macro-Core
		START-FINISH DATE
		1/8/02-1/8/02

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PLO Values (ppm)	REMARKS
		Brown to black stained fine to medium SAND, trace Gravel, trace Brick trace Coal Fragments; dry (fill)		3.5	
5		Brown to black stained SAND, some Silt, trace Gravel, trace Coal Fragments; dry to wet (fill)		3.5	Strong odor.
				148	
10		Gray to green Silt and fine Sand; wet (fill)		237	Strong odor and free product.
				32.9	
15		No recovery			

Bottom of boring 16 feet  
below land surface.



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## SOIL BORING LOG

WELL NO.	NORTHING	EASTING
AN-11		
PROJECT NO./NAME		LOCATION
92401Y02 / FCRC 2nd Avenue MGP Site		124-136 2nd Avenue
APPROVED BY	LOGGED BY	
S. Glash	C. Battista	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA
Aquifer Drilling & Testing, Inc. / S. Miller		Area A
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	
4.25-in. / Auger	8-inches	DRILLING EQUIPMENT/METHOD
LAND SURFACE ELEVATION	DEPTH TO WATER	Mobile Drill B-61 / HSA
(FT.)	(Feet BLS)	SAMPLING METHOD
		2" Split Spoon
		START-FINISH DATE
		3/19/02-3/19/02

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Light brown medium to coarse SAND, trace Gravel, trace fine Sand, trace Coal Fragments; dry to moist (fill)	7 8 7 10 7 6 7 6 10 2 3 5	3.1 0.8 0.0 3.2 0.0 2.4 4.7 2.6 6	
5		Dark brown fine to coarse SAND, trace Silt, trace Gravel, trace Coal Fragments, trace wood; moist (fill)			5
		Light brown to dark brown fine to coarse SAND, little Silt, little Gravel; moist to wet (fill)			
		Dark brown fine to coarse SAND, some Wood, some Organic Material, trace Gravel; wet (fill)			
		Brown to dark brown fine to coarse Sand and Silt, little Organic Material, little Coal Fragments, trace Ash; wet (fill)			
10		Dark brown to black stained SAND, some Gravel, some Silt; wet (fill)	3 2 1 1 3 2 4 6	2.6	10
		Brown to black stained fine to coarse Sand and Cinders, and Ash, some Coal Fragments; wet (fill)			
15		Brown PEAT; moist		2.6	Organic odor.
					Organic odor.
					Bottom of boring 16 feet below land surface.



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## SOIL BORING LOG

WELL NO.	NORTHING	EASTING
AN-12		
PROJECT NO./NAME <b>92401Y02 / FCRC 2nd Avenue MGP Site</b>		LOCATION <b>124-136 2nd Avenue</b>
APPROVED BY <b>S. Glash</b>	LOGGED BY <b>C. Battista</b>	<b>Brooklyn, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / S. Miller</b>		GEOGRAPHIC AREA <b>Area A</b>
DRILL BIT DIAMETER/TYPE <b>4.25-in. / Auger</b>	BOREHOLE DIAMETER <b>8-inches</b>	DRILLING EQUIPMENT/METHOD <b>Mobile Drill B-61 / HSA</b>
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	SAMPLING METHOD <b>2" Split Spoon</b>
		START-FINISH DATE <b>3/19/02-3/19/02</b>

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Light brown fine to coarse SAND, trace Gravel, trace Silt, trace Brick; moist (fill)	11		
			9		
			8	0.0	
			12		
			10		
			6		
			5	0.0	
			7		
			3		
			6	0.0	
			9		
			4	0.0	
5		Dark brown fine to coarse Sand and Gravel, trace Silt, trace Brick, trace Coal Fragments; moist (fill)	1	0.0	
			5		
		Light brown fine to coarse SAND, trace Gravel, trace Silt, trace Brick; moist to wet (fill)	1	0.0	
			5		
		Light brown fine to coarse SAND, trace Gravel, trace Silt, trace Brick; wet (fill)	1	0.0	
			5		
		Light brown to dark gray fine to coarse SAND, little Silt, trace Gravel; wet (fill)	1	0.0	
			5		
		Dark gray to brown and green Silt and fine Sand, some Organic Material; wet (fill)	2.4		
			10		
10		Brown to black stained fine to coarse SAND, little Silt, little Organic Material, trace Gravel, trace Coal Fragments; wet (fill)	3.6	Odor.	
			10		
		Black stained fine to coarse SAND, trace Gravel, trace Silt, trace Coal Fragments; wet (fill)	4.0	Odor.	
			10		

Bottom of boring 14 feet  
below land surface.



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## **SOIL BORING LOG**

WELL NO. <b>BNE-E-2</b>	NORTHING	EASTING			
PROJECT NO./NAME <b>92401Y02 / FCRC 2nd Avenue MGP Site</b>		LOCATION <b>124-136 2nd Avenue</b>			
APPROVED BY <b>S. Glash</b>	LOGGED BY <b>D.Moss</b>	<b>Brooklyn, New York</b>			
DRILLING CONTRACTOR/DRILLER <b>Roux Associates Inc / C. Battista</b>		GEOGRAPHIC AREA			
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>/ Geoprobe</b>	SAMPLING METHOD <b>2" Macro-Core</b>	START-FINISH DATE <b>1/11/02-1/11/02</b>	
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	BACKFILL Cuttings/Bentonite Pellets			
Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark brown fine to coarse SAND, trace Silt, trace Gravel, trace Brick; dry (fill)		2.1	
5		Brown to black stained fine to coarse SAND, some Brick, some Concrete; moist (fill)		7.0	
		Black stained fine to coarse SAND, trace Silt, trace Coal Fragments, trace Ash; moist to wet (fill)		96.3	
		Black stained fine SAND; little Silt, trace Gravel; wet (fill)		26.7	
10		Green to gray Peat and Clay, trace Silt; wet		5.5	
		Green to gray Peat and Clay, trace Sand, trace Silt; wet			Trace free product.
15					

Bottom of boring 16 feet  
below land surface.



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Page 1 of 1

## SOIL BORING LOG

WELL NO.	NORTHING	EASTING			
BNW-2 (BOW-2)					
PROJECT NO./NAME	LOCATION				
92401Y02 / FCRC 2nd Avenue MGP Site	124-136 2nd Avenue				
APPROVED BY	LOGGED BY				
S. Glash	D.Moss	Brooklyn, New York			
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA				
Roux Associates Inc / P. Barczak					
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD		
2-in. / Drive Sampler	2-inches	/ Geoprobe	2" Macro-Core		
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	BACKFILL	START-FINISH DATE		
		Cuttings/Bentonite Pellets	1/10/02-1/10/02		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark brown fine to coarse SAND, trace Gravel, trace Brick; dry (fill)		3.2	
5		Gray to brown fine to medium SAND, some Silt, trace Gravel, trace Coal Fragments, trace Ash, trace Brick; moist to wet (fill)		61.4	Free product.
				126	
10		Black stained fine to coarse SAND, some Silt, trace Gravel, trace Ash; wet (fill)		665	Free product.
				175	Odor and free product.
					Refusal at 13 feet below land surface.



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Page 1 of 1

## SOIL BORING LOG

WELL NO.	NORTHING	EASTING	
BS-1 (SB-9)			
PROJECT NO./NAME	LOCATION		
92401Y02 / FCRC 2nd Avenue MGP Site	124-136 2nd Avenue		
APPROVED BY	LOGGED BY		
S. Glash	D.Moss	Brooklyn, New York	
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA		
Zebra Environmental Inc / L. Davis	Area B		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD
2-in. / Drive Sampler	2-inches	/ Geoprobe	2" Macro-Core
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL	START-FINISH DATE
(FT.)	(Feet BLS)	Cuttings/Bentonite Pellets	1/4/02-1/4/02

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown fine to coarse SAND, trace Gravel, trace Brick; dry (fill)		1.8	
5		Black stained coarse Sand and Gravel, trace Silt, trace Brick; dry (fill)	253		
		Black stained fine to medium Sand, and Silt, trace Gravel; wet (fill)	125	Strong odor.	
		Gray Silt and Peat; wet	12.1		
		Gray SILT, little Sand, Little Clay; wet	11.8		
10		Brown Peat and gray Silt, some Sand; wet	12.7		
		Gray to brown SILT, little Clay, trace Sand; wet	6.1		
		Brown SILT, little Sand, trace Gravel; wet	13.2	Free product.	
		Black stained Sand and Silt; wet	234		
		Brown to black stained Sand and Silt; wet	12.1		
15			59.5		
			28.7		
			37.2	Bottom of boring 16 feet below land surface.	



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## SOIL BORING LOG

WELL NO.	NORTHING	EASTING
BS-2		
PROJECT NO./NAME		LOCATION:
92401Y02 / FCRC 2nd Avenue MGP Site		124-136 2nd Avenue
APPROVED BY	LOGGED BY	
S. Glash	D.Moss	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA
Roux Associates Inc / P. Barczak		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD
2-in. / Drive Sampler	2-inches	/ Geoprobe
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	SAMPLING METHOD
		2" Macro-Core
		START-FINISH DATE
		1/10/02-1/10/02

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
1.		Orange to brown fine to coarse SAND, trace Silt, trace Gravel, trace Concrete, trace Brick; dry (fill)		3.4	1
2.					2
3.					3
4.		Green to grey Peat and Clay, some Sand, some Silt;		7.8	4
5.					5
6.					6
7.					7
8.					8

Bottom of boring 8 feet below  
land surface.



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## SOIL BORING LOG

WELL NO. <b>CB-1</b>	NORTHING	EASTING	
PROJECT NO./NAME <b>92401Y02 / FCRC 2nd Avenue MGP Site</b>		LOCATION <b>124-136 2nd Avenue</b>	
APPROVED BY <b>S. Glash</b>	LOGGED BY <b>D.Moss</b>	<b>Brooklyn, New York</b>	
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. /</b>	GEOGRAPHIC AREA		
DRILL BIT DIAMETER/TYPE <b>4.25-in. / Auger</b>	BOREHOLE DIAMETER <b>8-inches</b>	DRILLING EQUIPMENT/METHOD <b>CME-75 / HSA</b>	SAMPLING METHOD <b>2" Split Spoon</b>
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	START-FINISH DATE <b>1/17/02-1/17/02</b>	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
1.		Brown fine to coarse SAND, trace Gravel, trace Concrete, trace Brick; dry (fill)			1
2.					2
3.			13	62.4	3
4.			26		4
5.		Green to black stained fine to medium SAND, some Silt, trace Gravel, trace Brick-trace Coal; moist (fill)	38		5
6.		Brick and Gravel, trace Sand; moist to wet (fill)	34		6
7.			8		7
8.			8	650	Strong odor.
			8		
			16		
			31		
			46	960	Strong odor and free product.
			29		
					Refusal at 8 feet below land surface.



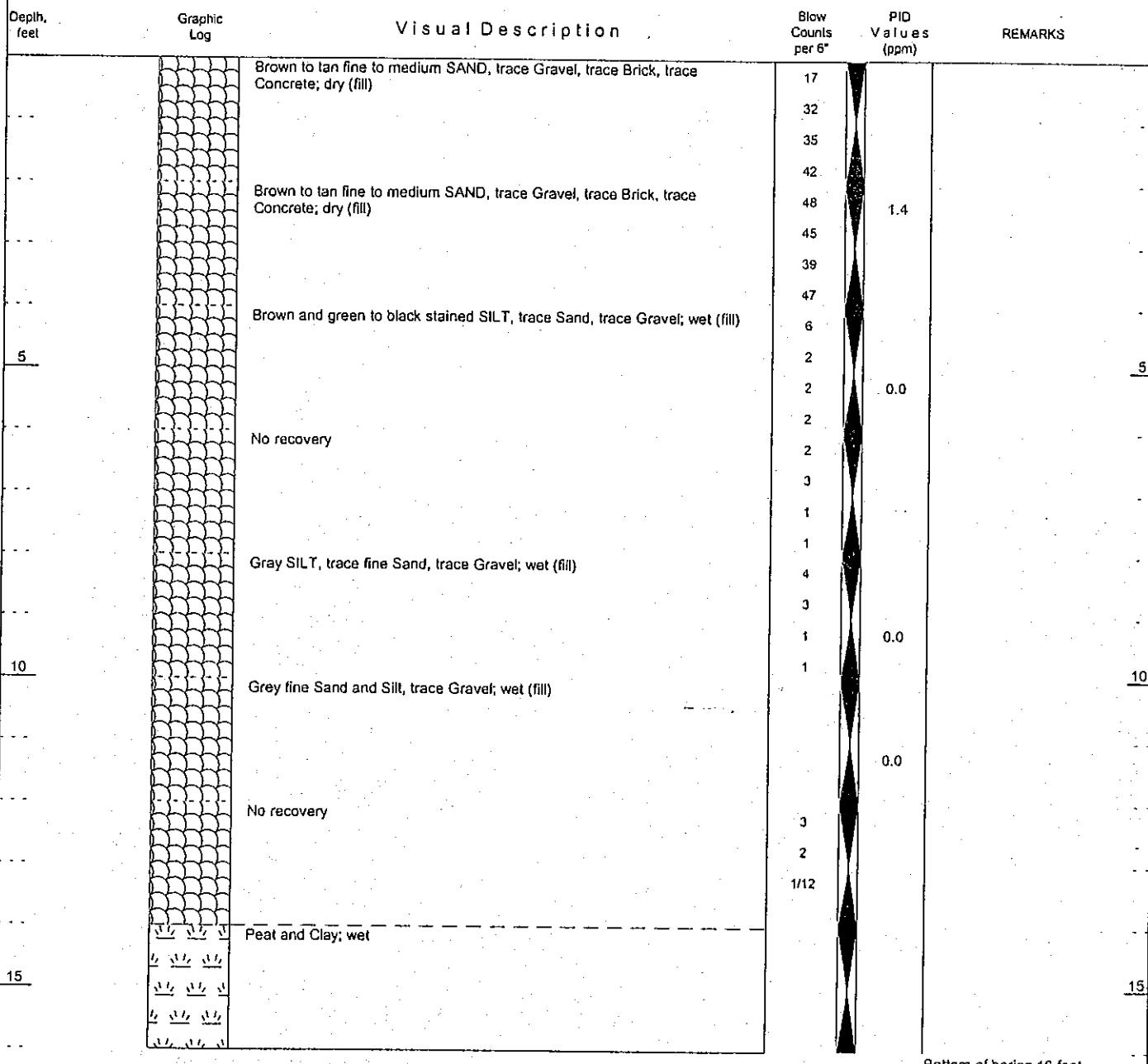
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## **SOIL BORING LOG**

WELL NO. <b>CN-10N</b>	NORTHING	EASTING		
PROJECT NO./NAME <b>92401Y02 / FCRC 2nd Avenue MGP Site</b>	LOCATION <b>124-136 2nd Avenue</b>			
APPROVED BY <b>S. Glash</b>	LOGGED BY <b>D.Moss</b>	<b>Brooklyn, New York</b>		
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / J. Philbin</b>	GEOGRAPHIC AREA			
DRILL BIT DIAMETER/TYPE <b>3 7/8 inch / Tri-Cone</b>	BOREHOLE DIAMETER <b>4-inches</b>	DRILLING EQUIPMENT/METHOD <b>CME-45 / Drive and Wash</b>	SAMPLING METHOD <b>2" Split Spoon</b>	START-FINISH DATE <b>2/28/02-2/28/02</b>
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	BACKFILL Grout		



Bottom of boring 16 feet  
below land surface.



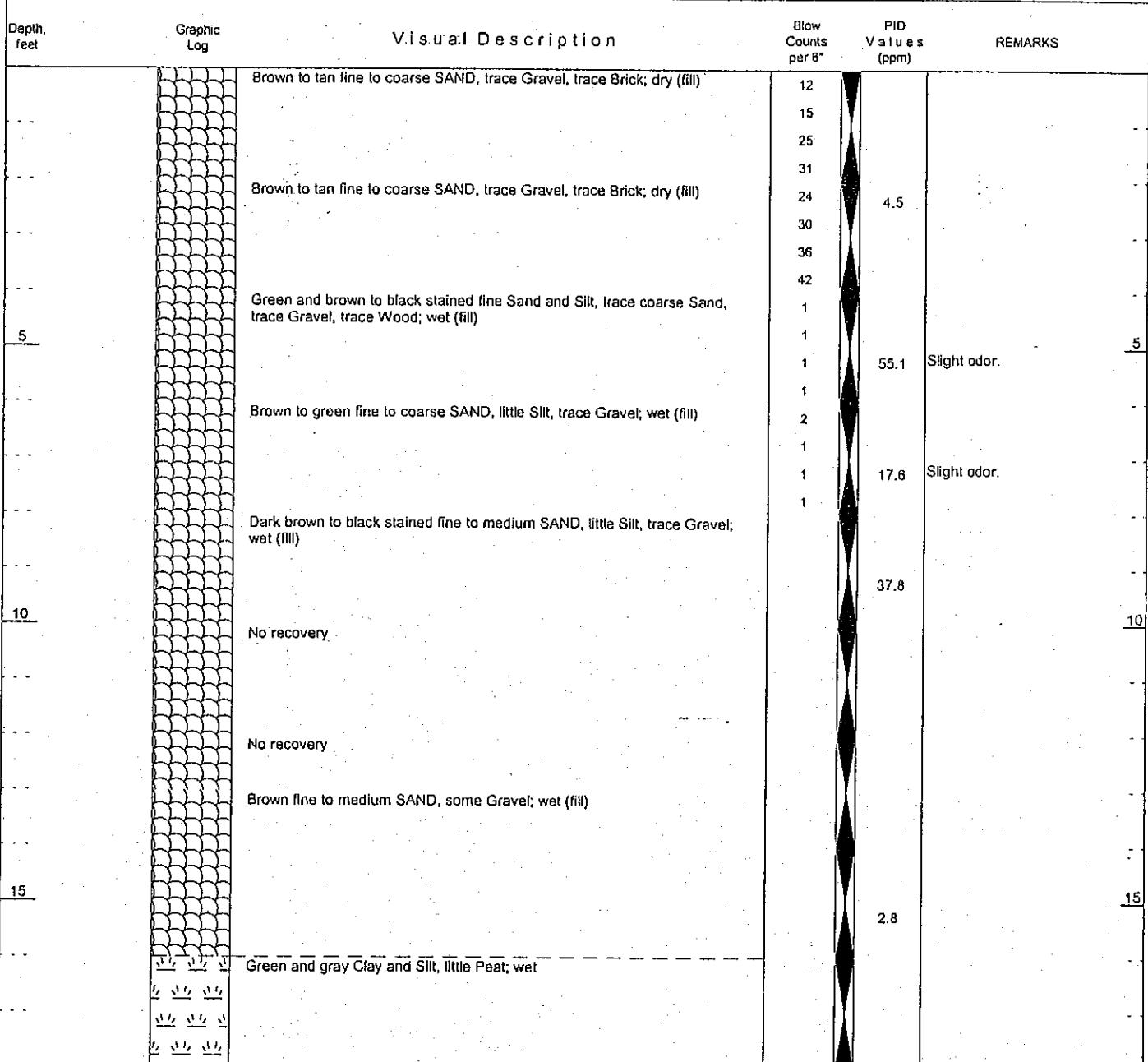
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## **SOIL BORING LOG**

WELL NO. <b>CN-12</b>	NORTHING	EASTING		
PROJECT NO./NAME <b>92401Y02 / FCRC 2nd Avenue MGP Site</b>	LOCATION <b>124-136 2nd Avenue</b>			
APPROVED BY <b>S. Glash</b>	LOGGED BY <b>D.Moss</b>	<b>Brooklyn, New York</b>		
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / J. Philbin</b>	GEOGRAPHIC AREA			
DRILL BIT DIAMETER/TYPE <b>3 7/8 inch / Tri-Cone</b>	BOREHOLE DIAMETER <b>4-inches</b>	DRILLING EQUIPMENT/METHOD <b>CME-45 / Drive and Wash</b>	SAMPLING METHOD <b>2" Split Spoon</b>	START-FINISH DATE <b>3/1/02-3/1/02</b>
LAND SURFACE ELEVATION <b>(FT.)</b>	DEPTH TO WATER <b>(Feet BLS)</b>	BACKFILL <b>Grout</b>		



Bottom of boring 16 feet  
below land surface.



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Page 1 of 1

## SOIL BORING LOG

WELL NO.	NORTHING	EASTING
CN-5		
PROJECT NO./NAME 92401Y02 / FCRC 2nd Avenue MGP Site	LOCATION 124-136 2nd Avenue	
APPROVED BY S. Glash	LOGGED BY D.Moss	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER Aquifer Drilling & Testing, Inc. / J. Philbin		GEOGRAPHIC AREA
DRILL BIT DIAMETER/TYPE 3 7/8 inch / Tri-Cone	BOREHOLE DIAMETER 4-inches	DRILLING EQUIPMENT/METHOD CME-45 / Drive and Wash
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	SAMPLING METHOD 2" Split Spoon
		START-FINISH DATE 2/20/02-2/20/02

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Tan to fine to coarse SAND, trace Gravel, trace Brick, trace Concrete; dry (fill).	8 21 23 31		
5		Tan to black stained fine to coarse SAND, trace Gravel, trace Brick, trace Concrete; dry (fill)	15 17 22 37	5.2 33.0	Slight odor.
10		Brown to black stained fine to medium SAND, some Silt, trace Gravel; wet (fill)	2 2 1	4.0	Slight odor.
15		Black stained medium to coarse SAND, little Gravel, trace Silt, trace fine Sand; wet (fill)	1	5.7	Slight odor.
		Brown to green SILT, little Clay, trace fine to coarse Sand, trace Gravel; wet (fill)		2.3	
		Black stained medium to coarse SAND, little Gravel, trace Silt, trace Brick; wet (fill)		4.7	
		No recovery			
		Dark brown to black stained coarse Sand and Gravel, trace fine Sand, trace Silt; wet (fill)			
		Peat and Clay; wet		3.8	

Bottom of boring 16 feet  
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Page 1 of 1

## SOIL BORING LOG

WELL NO.	NORTHING	EASTING
CN-6		
PROJECT NO./NAME		LOCATION
92401Y02 / FCRC 2nd Avenue MGP Site		124-136 2nd Avenue
APPROVED BY	LOGGED BY	
S. Glash	D.Moss	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA
Aquifer Drilling & Testing, Inc. / J. Simmons		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD
3 7/8 inch / Tri-Cone	4-inches	CME-45 / Drive and Wash
LAND SURFACE ELEVATION	DEPTH TO WATER	SAMPLING METHOD
(FT.)	(Feet BLS)	2" Split Spoon
		START-FINISH DATE
		2/6/00-2/6/00

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
0		CONCRETE			
5		Black stained fine to medium SAND, trace Silt, trace Gravel, trace Brick, trace Coal Fragments; moist (fill)	20 38 25 15 12 7 2	9.7	Slight odor.
5		Dark brown to black stained fine to medium SAND, some Silt; moist (fill)	2	1.5	
5		Dark brown to black stained fine SAND, some Silt; moist (fill)	3	2.1	
5		Black stained coarse SAND, little Ash, trace Silt, trace Gravel; wet (fill)	1		
5		No recovery	2		
5		No recovery	1		
5		No recovery	1		
5		No recovery	1		
5		No recovery	1		
10		Gray to black stained fine to coarse Sand and Gravel, trace Silt, trace Wood, trace Coal; wet (fill)	1	0.0	
10		Black stained coarse Sand and Coal Fragments, trace Glass; wet (fill)	6	0.0	
10		Black stained coarse SAND, some Coal Fragments, trace Silt, trace Glass; wet (fill)	3	0.0	
10		Black stained coarse SAND, some Coal Fragments, trace Silt, trace Glass; wet (fill)	3	0.0	
10		PEAT	1	2.7	
15					Bottom of boring 16 feet below land surface.



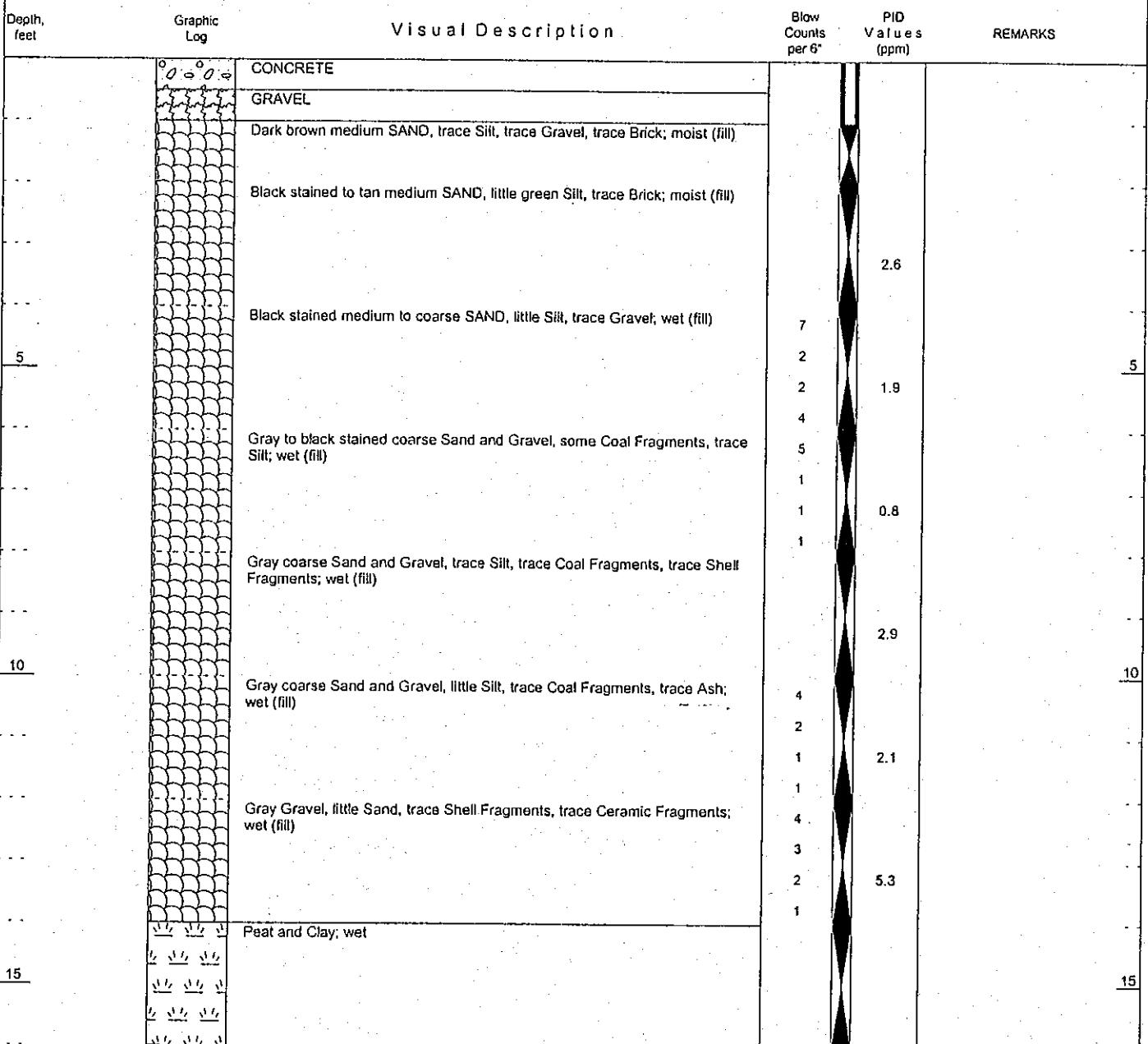
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## SOIL BORING LOG

WELL NO.	NORTHING	EASTING
CN-7		
PROJECT NO./NAME		LOCATION
92401Y02 / FCRC 2nd Avenue MGP Site		124-136 2nd Avenue
APPROVED BY	LOGGED BY	
S. Glash	D.Moss	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA
Aquifer Drilling & Testing, Inc. / J. Philbin		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD
3 7/8 inch / Tri-Cone	4-inches	CME-45 / Drive and Wash
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	SAMPLING METHOD
		2" Split Spoon
		START-FINISH DATE
		2/20/02-2/20/02



Bottom of boring 16 feet  
below land surface.



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Page 1 of 1

## SOIL BORING LOG

WELL NO.	NORTHING	EASTING
CN-8		
PROJECT NO./NAME		LOCATION
92401Y02 / FCRC 2nd Avenue MGP Site		124-136 2nd Avenue
APPROVED BY	LOGGED BY	
S. Glash	D. Moss	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA
Aquifer Drilling & Testing, Inc. / J. Philbin		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD
3 7/8 inch / Tri-Cone	4-inches	CME-45 / Drive and Wash
LAND SURFACE ELEVATION	DEPTH TO WATER	SAMPLING METHOD
(FT.)	(Feet BLS)	2" Split Spoon
		START-FINISH DATE
		2/8/02-2/8/02

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Gray to brown medium to coarse SAND, trace Gravel, trace Brick, trace Concrete; moist (fill)	8 18 17 26 15 22 18 27		
		Gray to brown medium to coarse SAND, trace Gravel, trace Brick, trace Concrete; moist (fill)			
		Grey coarse SAND, some Gravel, trace Silt; wet (fill)			
5		Grey coarse SAND, some Gravel, some Silt, little Coal Fragments; wet (fill)			5
		Grey coarse SAND, some Gravel, some Silt, little Coal Fragments; wet (fill)			
		Grey coarse SAND, some Gravel, some Silt, little Coal Fragments; wet (fill)	1 1 1 1		
10		No recovery			10
		Grey medium to coarse Coal Fragments, little Silt; wet (fill)			
		Grey coarse Sand and Gravel, some Peat, little Clay; wet			
15					15

Bottom of boring 16 feet  
below land surface.



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## SOIL BORING LOG

WELL NO.	NORTHING	EASTING
CNE-3		
PROJECT NO./NAME		LOCATION
92401Y02 / FCRC 2nd Avenue MGP Site		124-136 2nd Avenue
APPROVED BY	LOGGED BY	
S. Glash	D.Moss	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA
Aquifer Drilling & Testing, Inc. / Kari Carli		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD
2-in. / Drive Sampler	2-inches	/ Geoprobe
LAND SURFACE ELEVATION	DEPTH TO WATER	SAMPLING METHOD
(FT.)	(Feet BLS)	2" Macro-Core
		START-FINISH DATE
		1/22/02-1/22/02

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown fine to coarse SAND, trace Gravel, trace Brick; moist (fill)		2.1	
5		Brown to black stained fine to coarse SAND, little Silt, trace Gravel; moist (fill)		65.0	Slight odor.
		Black stained fine to coarse SAND, little Brick, little Concrete, trace Silt; moist (fill)		183	Trace free product.
		Black stained fine SAND, little Silt, trace Brick; wet (fill)		171	
10				320	
		Black stained fine to coarse SAND, trace Silt, trace Gravel; wet (fill)		57.4	Odor and trace free product.
15		Red to black stained GRAVEL, little Sand, little Silt, trace Wood; wet (fill)		72.4	
		No recovery		121	Free product.
20					Bottom of boring 20 feet below land surface.



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Page 1 of 1

## SOIL BORING LOG

WELL NO. <b>CW-1 (SB-14)</b>	NORTHING	EASTING			
PROJECT NO./NAME <b>92401Y02 / FCRC 2nd Avenue MGP Site</b>		LOCATION <b>124-136 2nd Avenue</b>			
APPROVED BY <b>S. Glash</b>	LOGGED BY <b>D. Moss</b>	<b>Brooklyn, New York</b>			
DRILLING CONTRACTOR/DRILLER <b>Zebra Environmental Inc / L. Davis</b>		GEOGRAPHIC AREA			
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>/ Geoprobe</b>	SAMPLING METHOD <b>2" Macro-Core</b>	START-FINISH DATE <b>1/7/02-1/7/02</b>	
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	BACKFILL	Cuttings/Bentonite Pellets		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown fine to medium SAND, trace Gravel, trace Brick; dry (fill)		8.1	
5		Light brown fine to medium SAND, dry (III)		272	
		Black stained fine to medium SAND, trace Gravel, trace Silt; wet (fill)		63.2	Free product.
10		Black stained Sand and Gravel, trace Sill; wet (fill)		37.1	Free product.
		Brown to green SILT, little Sand, trace Gravel; wet		75.2	
15		PEAT			Bottom of boring 16 feet below land surface.



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## SOIL BORING LOG

WELL NO.	NORTHING	EASTING			
SB-15-SW					
PROJECT NO./NAME	LOCATION				
92401Y02 / FCRC 2nd Avenue MGP Site	124-136 2nd Avenue				
APPROVED BY	LOGGED BY				
S. Glash	D. Moss	Brooklyn, New York			
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA				
Aquifer Drilling & Testing, Inc. / Kari Carli					
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD		
2-in. / Drive Sampler	2-inches	/ Geoprobe	2" Macro-Core		
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	BACKFILL	START-FINISH DATE		
		Grout	1/23/02-1/23/02		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown to tan fine to coarse SAND, trace Gravel, trace Brick; moist (fill)		1.8	
5		Brown to black stained fine to medium SAND, trace Gravel, trace Silt, trace Brick; moist (fill)		44.7	
		Green to black stained fine SAND, trace Silt, trace Gravel, trace Brick; moist (fill)		134	Odor and trace free product.
		Black stained to green Silt and fine Sand; wet (fill)		108	Odor and trace free product.
		Black stained to brown fine SAND, trace Silt, trace Gravel; wet (fill)		73.2	
10		Brown to black stained fine Sand and Silt; wet (fill)		127	
		Red to black stained fine SAND, some Gravel, trace Silt; wet		138	Odor and free product.
15		Black stained fine Sand and Silt, trace Gravel; wet (fill)		58.0	
		Black stained fine Sand and Silt, trace Gravel; wet (fill)		139	Odor and free product.
				102	
				180	Free product.
20					Bottom of boring 20 feet below land surface.



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## SOIL BORING LOG

WELL NO.	NORTHING	EASTING			
DN-2					
PROJECT NO./NAME		LOCATION			
92401Y02 / FCRC 2nd Avenue MGP Site		124-136 2nd Avenue			
APPROVED BY	LOGGED BY				
S. Glash	D. Moss	Brooklyn, New York			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA			
Aquifer Drilling & Testing, Inc. / Kari Carli					
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE	
2-in. / Drive Sampler	2-inches	/ Geoprobe	2" Macro-Core	1/23/02-1/23/02	
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	BACKFILL	Cuttings/Bentonite Pellets		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown to black stained fine to coarse SAND, trace Gravel, trace Brick; dry (fill)	23.4		
		Grey fine SAND, trace Silt; dry (fill)	348		
5		Tan to black stained fine SAND, trace Ash; moist (fill)	291		
		Black stained fine SAND; wet (fill)	452		
		Black stained SILT, some fine Sand, trace Gravel; wet (fill)	88.2	Free product.	
		Black stained fine SAND, trace Silt, trace Gravel; wet (fill)	37.8		
10		Dark green to tan fine Silt and fine Sand, trace Clay, trace Gravel; wet (fill)	21.2		
			78.8	Strong odor and free product.	10
			37.8	Free product.	
			27.2		
15		Green to black stained fine SAND, some Silt, trace Gravel; wet (fill)	237		
		Green to tan fine SAND, little Silt; wet (fill)	522		
			25.8		
			179	Slight odor and free product.	15
		Black stained fine SAND, some Silt; wet (fill)			
		Green to black stained Sand, and Silt; wet			
20		Black stained fine SAND, trace Silt; wet			
				Trace free product.	20
				Bottom of boring 20 feet below land surface.	



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Page 1 of 1

## SOIL BORING LOG

WELL NO.	NORTHING	EASTING
DS-2		
PROJECT NO./NAME		LOCATION
92401Y02 / FCRC 2nd Avenue MGP Site		124-136 2nd Avenue
APPROVED BY	LOGGED BY	
S. Glash	D.Moss	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA
Aquifer Drilling & Testing, Inc. / Kari Carli		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD
2-in. / Drive Sampler	2-inches	/ Geoprobe
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	SAMPLING METHOD
		2" Macro-Core
		START-FINISH DATE
		1/22/02-1/22/02

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown to gray medium to coarse SAND, trace Gravel, trace Ash; moist (fill)			
5		Brown to black stained fine SAND, some black fine to medium Sand, little Silt; moist (fill)		12.7	Strong odor.
		Brown SILT, little Sand, trace Gravel; wet (fill)		12.7	
		Brown to dark green SILT, little fine Sand; wet (fill)		38.7	Trace free product.
10				6.1	Sheen.
		Dark brown to black stained fine SAND, little Silt, trace Gravel; wet (fill)			
15				31.7	
		Dark brown fine SAND, little Silt; wet (fill)			
20					Bottom of boring 20 feet below land surface.



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Page 1 of 1

## SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
GH-21 (SB-8)				
PROJECT NO./NAME	LOCATION			
92401Y02 / FCRC 2nd Avenue MGP Site	124-136 2nd Avenue			
APPROVED BY	LOGGED BY			
S. Glash	D.Moss	Brooklyn, New York		
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA			
Zebra Environmental Inc / L. Davis				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-in. / Drive Sampler	2-inches	/ Geoprobe	2" Macro-Core	1/4/02-1/4/02
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	BACKFILL	Cuttings/Bentonite Pellets	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown medium to coarse SAND, trace Silt, trace Gravel, trace Brick; dry (fill)		0.4	
5		Black stained fine stained to coarse Sand and Silt, trace Gravel, trace Roots; moist (fill)		13.3	
				32.2	
				20.1	Strong odor.
				59.9	
				19.4	
10		Brown fine to medium Sand and Silt, trace Gravel, trace Brick; wet (fill)		38.3	
				10.2	Free product.
				55.8	
				26.5	
				62.5	
				29.9	
15		Black stained fine to medium Sand and Silt, trace Gravel, trace Coal Fragments, trace Brick; wet (fill)		49.4	
		Black stained fine to medium Sand and Silt, trace Gravel, trace Coal, trace Brick; wet (fill)			
		PEAT			

Bottom of boring 16 feet  
below land surface.



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Page 1 of 1

## SOIL BORING LOG

WELL NO.	NORTHING	EASTING		
SB7-N2				
PROJECT NO./NAME	LOCATION			
92401Y02 / FCRC 2nd Avenue MGP Site	124-136 2nd Avenue			
APPROVED BY	LOGGED BY			
S. Glash	D.Moss	Brooklyn, New York		
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA			
Roux Associates Inc / P. Barczak				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-in. / Drive Sampler	2-inches	/ Geoprobe	2" Macro-Core	1/9/02-1/9/02
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	BACKFILL	Cuttings/Bentonite Pellets	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
1.		Brown fine to coarse SAND, trace Gravel, trace Brick; dry (fill)		1.9	1
2.					2
3.		Black stained fine SAND, some Silt; moist (fill)			3
4.		Black stained fine to coarse SAND, some Silt, little Gravel, trace Wood; moist (fill)		19.5	Slight odor.
5					Slight odor.

Refusal at 5 feet below land surface.



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Page 1 of 1

## SOIL BORING LOG

WELL NO.	NORTHING	EASTING			
SB7-S2					
PROJECT NO./NAME	LOCATION				
92401Y02 / FCRC 2nd Avenue MGP Site	124-136 2nd Avenue				
APPROVED BY	LOGGED BY				
S. Glash	D.Moss	Brooklyn, New York			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA			
Roux Associates Inc / P. Barczak					
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE	
2-in. / Drive Sampler	2-inches	/ Geoprobe	2" Macro-Core	1/9/02-1/9/02	
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	BACKFILL	Cuttings/Bentonite Pellets		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown fine to coarse SAND, trace Gravel, trace Brick; dry (fill)			
5		Black stained fine SAND, some Silt; moist (fill)		9.4	
		Black stained fine to medium SAND, trace Silt, trace Gravel, trace Brick; dry (fill)		140	Strong odor.
		Brown fine Sand and Silt, trace Gravel; wet (fill)		56.8	
		Gravel and Brick, some gray Silt, some Sand; wet (fill)			
10					
		Brown to green Peat and Clay; wet			
15					

Bottom of boring 16 feet below land surface.



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Page 1 of 1

## SOIL BORING LOG

WELL NO.	NORTHING	EASTING			
GH-1A					
PROJECT NO./NAME		LOCATION			
92401Y02 / FCRC 2nd Avenue MGP Site		124-136 2nd Avenue			
APPROVED BY	LOGGED BY	Brooklyn, New York			
S. Glash	R. Kovacs				
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA			
Aquifer Drilling & Testing, Inc. / D. Pepe		Gas Holder 1			
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE	
3 7/8 inch / Tri-Cone	4-inches	CME-45 / Drive and Wash	2" Split Spoon	3/15/02-3/20/02	
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	BACKFILL			
		Grout			
Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown to dark brown fine to coarse SAND, little Brick; dry (fill)		13.1	
		Brown to dark brown fine to medium SAND, some Brick; dry (fill)		27.7	
5		Brown to dark brown fine to medium Sand; dry (fill)		9.8	Odor.
		Light brown to dark brown fine to medium Sand, some Brick, little Ash; dry (fill)		11.7	
		Brown to reddish brown fine to medium SAND, some Brick, trace Gravel; dry (fill)		12.1	
10		Brown medium SAND, some Brick; dry (fill)		7.3	
		Brown medium SAND, trace Cobbles; dry (fill)		9.2	
		Brown fine to medium SAND, trace Brick; dry (fill)		9.1	
15		Brown fine to medium SAND, some Gravel, some Brick; dry (fill)		10.3	
		CONCRETE			
		Grey fine Sand and Silt, trace Gravel, trace Concrete; wet			
20		Black stained fine SAND, trace Gravel, trace Concrete; wet		179	
		Black stained fine SAND, some Concrete; wet			Free product.
					Bottom of holder at 24 feet below land surface.



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## SOIL BORING LOG

WELL NO.	NORTHING	EASTING			
GH-1B					
PROJECT NO./NAME 92401Y02 / FCRC 2nd Avenue MGP Site		LOCATION 124-136 2nd Avenue			
APPROVED BY S. Glash	LOGGED BY C. Battista	Brooklyn, New York			
DRILLING CONTRACTOR/DRILLER Aquifer Drilling & Testing, Inc. / S. Miller		GEOGRAPHIC AREA Gas Holder 1			
DRILL BIT DIAMETER/TYPE 4.25-in. / Auger	BOREHOLE DIAMETER 8-inches	DRILLING EQUIPMENT/METHOD Mobile Drill B-61 / HSA	SAMPLING METHOD 2" Split Spoon	START-FINISH DATE 3/18/02-3/18/02	
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	BACKFILL Grout			
Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5		Brown fine to coarse SAND, some Gravel, little Brick, little Concrete; dry (fill)  Brown fine to coarse SAND, some Gravel, little Brick, little Concrete; dry (fill)		6.5	
10		Brown fine to coarse SAND, some Gravel, trace Brick, trace Concrete; dry (fill)  Brown fine to coarse SAND, little Brick, trace Coal Fragments, trace Concrete, trace Gravel; dry (fill)  Brown fine to coarse SAND, little Brick, little Gavel, trace Coal Fragments; dry (fill)		2.9 5.2	
15		Brown fine to coarse SAND, little Brick, little Gravel, trace Concrete, trace Coal Fragments; dry (fill)  Brown fine to coarse SAND, some Gravel, little Brick, trace Coal Fragments; dry (fill)  Brown fine to coarse SAND, some Gravel, little Brick, trace Coal Fragments; dry (fill)		8.7 12.3	
					Bottom of boring 15 feet below land surface.



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Page 1 of 1

## SOIL BORING LOG

WELL NO.	NORTHING	EASTING
GH-1C		
PROJECT NO./NAME		LOCATION
92401Y02 / FCRC 2nd Avenue MGP Site		124-136 2nd Avenue
APPROVED BY	LOGGED BY	
S. Glash	D.Moss	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA
Aquifer Drilling & Testing, Inc. / L. Adams		Gas Holder 1
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD
3 7/8 inch / Tri-Cone	4-inches	CME-45 / Drive and Wash
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	SAMPLING METHOD
		2" Split Spoon
		START-FINISH DATE
		3/18/02-3/18/02

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown fine to coarse SAND, trace Brick, trace Gravel, trace Concrete; moist (fill)			
		Brown fine to coarse SAND, trace Brick, trace Gravel, trace Concrete; moist (fill)			
		Brown fine to coarse SAND, trace Brick, trace Gravel, trace Concrete; moist (fill)			
5		Brown medium to coarse SAND, trace Gravel, trace Brick, trace Silt; moist (fill)		2.3	
		Brown medium to coarse SAND, trace Gravel, trace Brick; moist (fill)		0.0	
		Brown medium to coarse SAND, trace Silt, trace Gravel, trace Brick, trace Coal Fragments; wet (fill)		0.0	
10		Brown medium to coarse SAND, trace Silt, trace Gravel, trace Brick, trace Coal Fragments; wet (fill)		15.2	
		Brown to tan fine to coarse SAND, trace Gravel, trace Brick, trace Concrete; wet (fill)		3.7	
15		Tan to black stained fine to coarse SAND, trace Gravel, trace Concrete, trace Brick; wet (fill)		43.1	Odor.

Bottom of soil boring 17.5 feet below land surface.



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Page 1 of 1

## **SOIL BORING LOG**

WELL NO. GH-3B	NORTHING	EASTING		
PROJECT NO./NAME 92401Y02 / FCRC 2nd Avenue MGP Site		LOCATION 124-136 2nd Avenue		
APPROVED BY S. Glash	LOGGED BY D. Moss	Brooklyn, New York		
DRILLING CONTRACTOR/DRILLER Aquifer Drilling & Testing, Inc. / L. Adams		GEOGRAPHIC AREA Gas Holder 3		
DRILL BIT DIAMETER/TYPE 3 7/8 inch / Tri-Cone	BORHOLE DIAMETER 4-inches	DRILLING EQUIPMENT/METHOD CME-75 / Drive and Wash	SAMPLING METHOD 2" Split Spoon	START-FINISH DATE 3/15/02-3/19/02
LAND SURFACE ELEVATION (FT.)	DEPTH TO WATER (Feet BLS)	BACKFILL Grout		

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING					
RW-1							
PROJECT NO./NAME	LOCATION						
92401Y03 / FC Gowanus former MGP Site	124-136 2nd Avenue						
APPROVED BY	LOGGED BY						
G. Tyers	C. Battista	Brooklyn, New York					
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA						
Aquifer Drilling & Testing, Inc. / S. Miller	On Site Along 12th Street						
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD					
6.25-in. / Auger	10-inches	Mobile Drill B-61 / HSA					
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD					
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon					
ELEVATION OF:	GROUND SURFACE	TOTAL LENGTH 25.0					
(FT.)	TOP OF WELL CASING	DIA. 4-inch					
	TOP & BOTTOM SCREEN	SLOT SIZE 20-Slot					
	/	GW SURFACE					
		GRAVEL PACK					
		#2					
Depth, feet	6-inch Locking Steel Protective Stand Pipe	4-inch Locking Test Well Plug	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5				Brown fine to coarse SAND, some Gravel, trace Brick; dry to wet (fill)			
10				Brown fine to coarse SAND, some Silt, little Gravel, trace Brick; dry to wet (fill) No recovery	21.8		Strong odor
15				Brown to dark brown fine to coarse Sand, and Gravel, little Silt, little Wood; wet (fill) Brown to red fine to coarse SAND, some Silt, little Gravel, trace Brick, trace Concrete; wet (fill) Green to grey PEAT; moist	29.3		Sheen and strong odor
20				Dark gray Silt and fine Sand; wet	13.7		Sheen and strong odor
25				Dark gray Silt and fine Sand; wet	4.5		Thickness of peat interval Interpreted from previous Site investigation
30				Dark gray Silt and fine Sand, trace Gravel; wet	5.8		Strong odor
35				Brown Silt and fine Sand; wet	10.4		
40				Brown Silt and fine Sand; wet	79.4		Sheen and strong odor
45				Brown Silt and fine Sand; wet			Sheen and strong odor
50				Brown Silt and fine Sand; wet	30.1		Trace free product
							Bottom of well 47.5 feet below land surface
							50

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING
RW-2		
PROJECT NO./NAME <b>92401Y03 / FC Gowanus former MGP Site</b>		LOCATION <b>124-136 2nd Avenue</b>
APPROVED BY <b>G. Tyers</b>	LOGGED BY <b>C. Battista</b>	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / S. Miller</b>		GEOGRAPHIC AREA <b>On Site Along Pathmark Wall</b>
DRILL BIT DIAMETER/TYPE <b>6.25-in. / Auger</b>	BOREHOLE DIAMETER <b>10-inches</b>	DRILLING EQUIPMENT/METHOD <b>Mobile Drill B-61 / HSA</b>
CASING MAT./DIA. <b>SCH 40 PVC / 4-inch</b>	SCREEN: <b>TYPE Slotted</b>	SAMPLING METHOD <b>2" Split Spoon</b>
ELEVATION OF: (FT.)	GROUND SURFACE	TOTAL LENGTH <b>25.0</b>
	MAT. <b>SCH 40 PVC</b>	DIA. <b>4-inch</b>
	TOP OF WELL CASING	GW SURFACE
	TOP & BOTTOM SCREEN	GRAVEL PACK <b>#2</b>
Depth, feet	Graphic Log	Visual Description
6-inch Locking Steel Protective Stand Pipe		
CEMENT		Brown fine to coarse SAND, little Gravel, trace Silt, trace Brick, trace Coal Fragments; dry to wet (fill)
5		
Cement/Bentonite Grout		
10		
Bentonite Chips		Brown fine to coarse SAND, trace Silt, trace Gravel; wet (fill)
15		Brown fine to medium SAND, trace Silt, trace Gravel; wet (fill)
4-inch PVC Well Casing		Brown fine to medium SAND, trace Silt, trace Gravel; wet (fill)
20		Brown fine to medium SAND, trace Silt, trace Gravel, trace Wood; wet (fill)
20-Slot PVC Well Screen		Brown fine to medium SAND, trace Silt, trace Gravel, trace Wood; wet (fill)
25		Brown Silt and fine Sand, little coarse Gravel; wet
#2 Sand		Brown Silt and fine Sand, little Gravel; wet
30		Brown Silt and fine Sand, little Gravel; wet
35		Brown Silt and fine Sand, little Gravel; wet
40		Brown Silt and fine Sand, little Gravel; wet
45		Dark gray to brown fine SAND, little Silt; wet
50		Bottom of well 47.5 feet below land surface

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO. <b>RW-3</b>	NORTHING	EASTING			
PROJECT NO./NAME <b>92401Y03 / FC Gowanus former MGP Site</b>	LOGGED BY <b>G. Tyers</b>	LOCATION <b>124-136 2nd Avenue</b>			
APPROVED BY <b>D. Moss</b>	DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / L. Adams</b>	GEOGRAPHIC AREA <b>Brooklyn, New York</b>			
DRILL BIT DIAMETER/TYPE <b>6.25-in. / Auger</b>	BOREHOLE DIAMETER <b>10-inches</b>	DRILLING EQUIPMENT/METHOD <b>CME-75 / HSA</b>			
CASING MAT./DIA. <b>SCH 40 PVC / 4-inch</b>	SCREEN: <b>TYPE Slotted</b>	SAMPLING METHOD <b>2" Split Spoon</b>			
ELEVATION OF: (FT.)	GROUND SURFACE	TOTAL LENGTH 35.0			
	MAT. SCH 40 PVC	DIA. 4-inch			
	TOP OF WELL CASING	GW SURFACE			
	TOP & BOTTOM SCREEN	SLOT SIZE 20-Slot			
	/	#2			
6-inch Locking Steel Protective Depth, feet	Stand Pipe	4-inch Locking Test Well Plug			
		Graphic Log			
		CEMENT			
		Bentonite Chips			
		4-Inch PVC Well Casing			
		20-Slot PVC Well Screen			
		#2 Sand			
		5-foot PVC Sump			
		Push on PVC Well Cap			
		Visual Description			
		Blow Counts per 6"			
		PID Values (ppm)			
		REMARKS			
5		Brown fine to coarse SAND, trace Gravel, trace Brick; wet at 5 (fill)			5
10		Brown fine to coarse SAND, little Gravel, little Brick, trace Silt; wet (fill)	0.0		10
15		Brown fine to coarse SAND, little Gravel, little Brick, trace Silt; wet (fill)	0.0		15
20		Brown fine to coarse SAND, trace Gravel, trace Silt; wet (fill)	1.4		20
25		Brown fine to medium SAND, trace Silt, trace Gravel; wet (fill)	5.7	Strong odor and trace free product	25
30		Brown fine to medium SAND, trace Silt, trace Gravel; wet (fill)	1.4	Trace free product	30
35		Brown fine to coarse SAND, little Silt; wet	27.4	Odor	35
40		Brown fine to coarse SAND, little Silt, trace Gravel; wet	15.1	Odor	40
45		Brown fine to coarse SAND, little Silt, trace Gravel; wet	152	Free product	45
50		Brown SILT, some fine Sand, trace coarse Sand; wet	98.1	Odor and free product	50
		Brown fine SAND, little Silt, trace Gravel; wet	237	Odor and free product	
		Brown fine SAND, little Silt, trace Gravel; wet	1681	Free product	
				Bottom of well 50 feet below land surface	

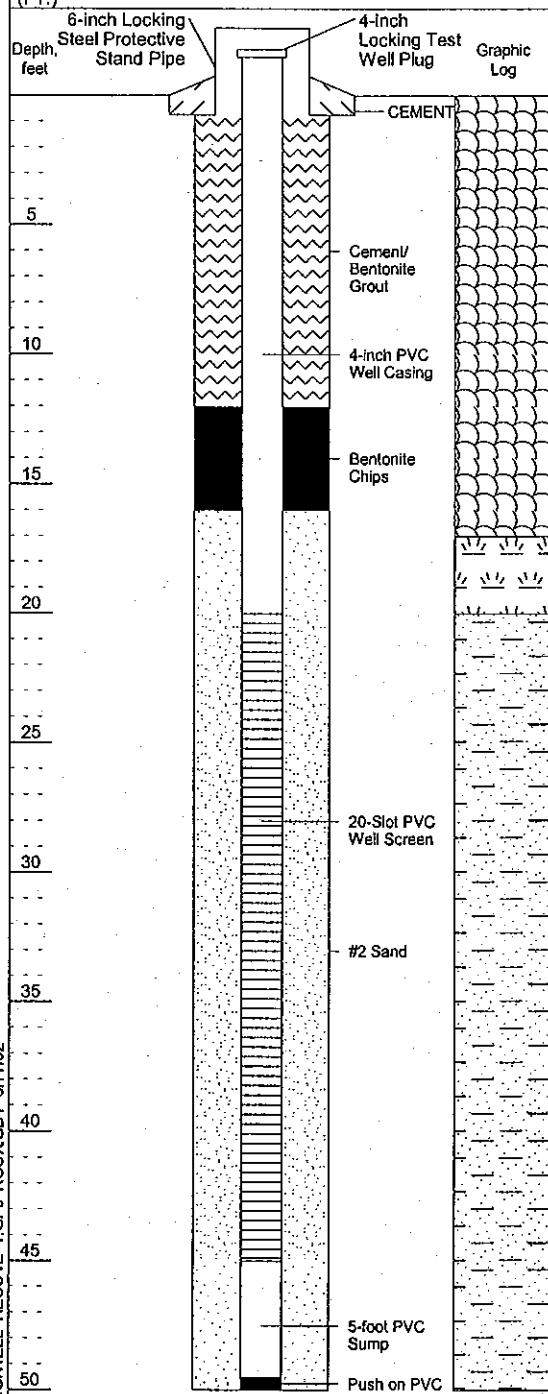
Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING
RW-4		
PROJECT NO./NAME	LOCATION	
92401Y03 / FC Gowanus former MGP Site	124-136 2nd Avenue	
APPROVED BY	LOGGED BY	
G. Tyers	D. Moss	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA	
Aquifer Drilling & Testing, Inc. / L. Adams	On Site Along Pathmark Wall	
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD
6.25-in. / Auger	10-inches	CME-75 / HSA
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon
ELEVATION OF:	GROUND SURFACE	MAT. SCH 40 PVC TOTAL LENGTH 35.0 DIA. 4-inch SLOT SIZE 20-Slot
(FT.)		GW SURFACE GRAVEL PACK #2
6-Inch Locking Steel Protective Stand Pipe	4-inch Locking Test Well Plug	Graphic Log
Depth, feet	CEMENT	Visual Description
5	Cement/Bentonite Grout	Brown fine to coarse SAND, trace Brick, trace Silt, trace Gravel; wet at 5 (fill)
10	Bentonite Chips	Brown fine to coarse SAND, trace Brick, trace Silt, trace Gravel; wet (fill)
15	4-Inch PVC Well Casing	Brown fine to coarse SAND, trace Brick, trace Silt, trace Gravel; wet (fill)
20		Brown fine to coarse SAND, trace Brick, trace Silt, trace Gravel; wet (fill)
25	20-Slot PVC Well Screen	Brown fine to medium SAND, trace Gravel; wet (fill)
30	#2 Sand	Gray fine SAND, little Wood; wet (fill)
35		Brown fine to coarse SAND, little Silt, trace Gravel; wet
40		Brown fine to coarse SAND, some Silt, trace Gravel; wet
45		Brown fine to coarse SAND, some Silt, trace Gravel; wet
50	5-foot PVC Sump	Brown fine to coarse SAND, some Silt, trace Gravel; wet
	Push on PVC Well Cap	Bottom of well 50 feet below land surface
BORING/WELL RECOVE-1.GPJ ROUX GDT 6/11/02		
		Blow Counts per 6"
		PID Values (ppm)
		REMARKS
		5
		10
		15
		20
		25
		30
		35
		40
		45
		50

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING																																																																						
RW-5																																																																								
PROJECT NO./NAME <b>92401Y03 / FC Gowanus former MGP Site</b>	LOGGED BY <b>C. Battista</b>	LOCATION <b>124-136 2nd Avenue</b>																																																																						
APPROVED BY <b>G. Tyers</b>		BROOKLYN, NEW YORK																																																																						
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / S. Miller</b>		GEOGRAPHIC AREA <b>On Site Along Pathmark Wall</b>																																																																						
DRILL BIT DIAMETER/TYPE <b>6.25-in. / Auger</b>	BOREHOLE DIAMETER <b>10-inches</b>	DRILLING EQUIPMENT/METHOD <b>Mobile Drill B-61 / HSA</b>																																																																						
CASING MAT./DIA. <b>SCH 40 PVC / 4-inch</b>	SCREEN: <b>TYPE Slotted</b>	SAMPLING METHOD <b>2" Split Spoon</b>																																																																						
ELEVATION OF: (FT.)	GROUND SURFACE	TOTAL LENGTH 25.0																																																																						
	MAT. SCH 40 PVC	DIA. 4-inch																																																																						
	TOP OF WELL CASING	GW SURFACE																																																																						
	TOP & BOTTOM SCREEN	SLOT SIZE 20-Slot																																																																						
	/	GRAVEL PACK <b>#2</b>																																																																						
 <p style="text-align: center;"><b>Visual Description</b></p> <table border="1"> <thead> <tr> <th>Depth (ft)</th> <th>Visual Description</th> <th>Blow Counts per 6"</th> <th>PID Values (ppm)</th> <th>Remarks</th> </tr> </thead> <tbody> <tr><td>5</td><td>Brown coarse to fine SAND, trace Gravel, trace Brick, trace Silt; dry to wet (fill)</td><td></td><td></td><td></td></tr> <tr><td>10</td><td>Brown fine SAND, trace Silt, trace Gravel; wet (fill)</td><td>0.0</td><td></td><td></td></tr> <tr><td>15</td><td>Brown fine SAND, trace Silt, trace Gravel; wet (fill)</td><td>3.3</td><td></td><td></td></tr> <tr><td>15</td><td>Brown fine SAND, little Silt, trace Gravel; wet (fill)</td><td>9.5</td><td>Black staining</td><td>15</td></tr> <tr><td>20</td><td>No recovery</td><td></td><td></td><td></td></tr> <tr><td>20</td><td>Green to gray Peat and Clay, trace Sand; wet</td><td>14.6</td><td>Thickness of peat interval interpreted from previous Site</td><td>20</td></tr> <tr><td>25</td><td>Brown fine to coarse SAND, little Silt, little Gravel; wet</td><td>2.6</td><td>Strong odor</td><td>25</td></tr> <tr><td>30</td><td>Brown fine to coarse SAND, some Silt; wet</td><td>1.7</td><td>Strong odor</td><td>30</td></tr> <tr><td>35</td><td>Brown fine to coarse SAND, some Silt, trace Gravel; wet</td><td>106</td><td>Strong odor</td><td>35</td></tr> <tr><td>35</td><td>Brown fine to coarse SAND, some Silt, trace Gravel; wet</td><td>134</td><td>Trace free product</td><td>35</td></tr> <tr><td>40</td><td>Brown fine to coarse SAND, some Silt; wet</td><td>281</td><td>Free product</td><td>40</td></tr> <tr><td>45</td><td>Brown Silt and fine Sand; wet</td><td>375</td><td>Odor and free product</td><td>45</td></tr> <tr><td>50</td><td></td><td></td><td>Bottom of well 50 feet below land surface</td><td>50</td></tr> </tbody> </table>			Depth (ft)	Visual Description	Blow Counts per 6"	PID Values (ppm)	Remarks	5	Brown coarse to fine SAND, trace Gravel, trace Brick, trace Silt; dry to wet (fill)				10	Brown fine SAND, trace Silt, trace Gravel; wet (fill)	0.0			15	Brown fine SAND, trace Silt, trace Gravel; wet (fill)	3.3			15	Brown fine SAND, little Silt, trace Gravel; wet (fill)	9.5	Black staining	15	20	No recovery				20	Green to gray Peat and Clay, trace Sand; wet	14.6	Thickness of peat interval interpreted from previous Site	20	25	Brown fine to coarse SAND, little Silt, little Gravel; wet	2.6	Strong odor	25	30	Brown fine to coarse SAND, some Silt; wet	1.7	Strong odor	30	35	Brown fine to coarse SAND, some Silt, trace Gravel; wet	106	Strong odor	35	35	Brown fine to coarse SAND, some Silt, trace Gravel; wet	134	Trace free product	35	40	Brown fine to coarse SAND, some Silt; wet	281	Free product	40	45	Brown Silt and fine Sand; wet	375	Odor and free product	45	50			Bottom of well 50 feet below land surface	50
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50			Bottom of well 50 feet below land surface	50																																																																				

Page 1 of 1

**WELL CONSTRUCTION LOG**

WELL NO.	NORTHING	EASTING				
RW-6						
PROJECT NO./NAME		LOCATION				
92401Y03 / FC Gowanus former MGP Site		124-136 2nd Avenue				
APPROVED BY	LOGGED BY	Brooklyn, New York				
G. Tyers	D. Moss					
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA				
Aquifer Drilling & Testing, Inc. / L. Adams		On Site Along Pathmark Wall				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE		
6.25-in. / Auger	10-Inches	CME-75 / HSA	2" Split Spoon	3/21/02-3/25/02		
CASING MAT./DIA.	SCREEN:	MAT. SCH 40 PVC	TOTAL LENGTH 25.0	DIA. 4-inch	SLOT SIZE 20-Slot	
SCH 40 PVC / 4-inch	TYPE Slotted			GW SURFACE	GRAVEL PACK	
ELEVATION OF: (FT.)	GROUND SURFACE	TOP OF WELL CASING	TOP & BOTTOM SCREEN	/	#2	
6-inch Locking Steel Protective Stand Pipe	4-Inch Locking Test Well Plug	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
Depth, feet	CEMENT					
5	Cement/ Bentonite Grout		Brown fine to coarse SAND, trace Gravel, trace Brick, trace Sill; dry to wet (fill)			
10	4-inch PVC Well Casing		Brown fine SAND, little Silt, trace Brick; wet (fill)	1.6	Odor and Black Staining	10
15	Bentonite Chips		Green to gray Peat and Clay, trace brown Sand; moist	7.3		
20			Fine SAND, trace Gravel, trace Sill; wet	5.9	Thickness of peat interval Interpreted from previous Site investigation Black staining Odor	15
25			Gray fine SAND, little Silt, trace Gravel; wet	1.9	Black staining	20
30	20-Slot PVC Well Screen		Gray fine SAND, little Silt, trace Gravel; wet	4.7	Slight Odor	25
35	#2 Sand		Grey SILT, Some fine Sand; wet	156	Odor	30
40			Brown to green fine SAND, some Silt; wet	350	Odor	35
45			Brown to green fine SAND, some Silt; wet	1254	Odor	40
50	5-foot PVC Sump		Brown to green fine SAND, some Silt; wet	1824	Odor	45
	Push on PVC Well Cap					50
BORING/WELL RECOVE-1.GPJ ROUX GDT 6/1/02						Bottom of well 50 feet below land surface

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING				
RW-7						
PROJECT NO./NAME	LOCATION 124-136 2nd Avenue					
92401Y03 / FC Gowanus former MGP Site						
APPROVED BY	LOGGED BY	Brooklyn, New York				
G. Tyers	C. Battista					
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA On Site Along Pathmark Wall					
Aquifer Drilling & Testing, Inc. / S. Miller						
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD				
6.25-in. / Auger	10-inches	Mobile Drill B-61 / HSA				
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD				
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon				
ELEVATION OF: (FT.)	GROUND SURFACE	MAT. SCH 40 PVC TOTAL LENGTH 25.0 DIA. 4-inch SLOT SIZE 20-Slot				
		TOP OF WELL CASING TOP & BOTTOM SCREEN GW SURFACE GRAVEL PACK #2				
6-inch Locking Steel Protective Stand Pipe	4-inch Locking Test Well Plug	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
Depth, feet	CEMENT		Brown fine to coarse SAND, trace Gravel, trace Brick, trace Silt; dry to wet (fill)			
5	Cement/ Bentonite Grout		No recovery			
10	4-Inch PVC Well Casing		Fine SAND, some Gravel, trace Silt; wet (fill)	0.7	Black staining	
15	Bentonite Chips		Brown fine SAND, little Silt; wet (fill)	1.4	Black staining	
20			Brown fine SAND, little Silt; wet (fill)	1.9	Odor and black staining	15
25			Green to gray Peat and Clay; wet	7.3	Odor	
30			Brown fine to coarse SAND, some Silt, trace Gravel; wet	10.2	Thickness of peat interval interpreted from previous Site Investigation	20
35	20-Slot PVC Well Screen		Brown fine to coarse SAND, some Silt, trace Gravel; wet	11.7	Odor	
40	#2 Sand		Brown fine to coarse SAND, some Silt, trace Gravel; wet			
45			No recovery			
50	5-foot PVC Sump		Dark Gray fine to medium SAND, some Silt; wet	27.1		
	Push on PVC Well Cap		Dark Gray fine to medium SAND, some Silt, little Gravel; wet	21.0		
			Dark gray Silt and fine Sand; wet	30.6	Odor	
					Sheen and odor	
						Bottom of well 50 feet below land surface

Page 1 of 1

## **WELL CONSTRUCTION LOG**

WELL NO. <b>RW-8</b>	NORTHING	EASTING		
PROJECT NO./NAME <b>92401Y03 / FC Gowanus former MGP Site</b>	LOGGED BY <b>C. Battista</b>	LOCATION <b>124-136 2nd Avenue</b> <b>Brooklyn, New York</b>		
APPROVED BY <b>G. Tyers</b>	DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / S. Miller</b>	GEOGRAPHIC AREA <b>On Site Along 12th Street</b>		
DRILL BIT DIAMETER/TYPE <b>6.25-in. / Auger</b>	BOREHOLE DIAMETER <b>10-inches</b>	DRILLING EQUIPMENT/METHOD <b>Mobile Drill B-61 / HSA</b>		
CASING MAT./DIA. <b>SCH 40 PVC / 4-inch</b>	SCREEN: <b>TYPE Slotted</b>	SAMPLING METHOD <b>2" Split Spoon</b>		
ELEVATION OF: (FT.) GROUND SURFACE	MAT. SCH 40 PVC TOP OF WELL CASING	TOTAL LENGTH 25.0 DIA. 4-inch GW SURFACE		
		TOP & BOTTOM SCREEN /		
		SLOT SIZE 20-Slot #2		
<p>6-inch Locking Steel Protective Stand Pipe</p> <p>4-inch Locking Test Well Plug</p> <p>Graphic Log</p> <p>CEMENT</p> <p>5</p> <p>Cement/Bentonite Grout</p> <p>10</p> <p>4-inch PVC Well Casing</p> <p>15</p> <p>Bentonite Chips</p> <p>20</p> <p>25</p> <p>30</p> <p>35</p> <p>40</p> <p>45</p> <p>50</p> <p>20-Slot PVC Well Screen</p> <p>#2 Sand</p> <p>5-foot PVC Sump</p> <p>Push on PVC Well Cap</p>				
Depth, feet	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5	Brown fine to coarse fine SAND, trace Gravel, trace Brick, trace Silt; dry to wet (fill)			
10	Brown fine to coarse SAND, trace silt, trace concrete; wet (fill)			
15	Brown fine to medium SAND, trace Silt; wet (fill) Brown PEAT; wet			Black staining and trace free product
20	Brown fine to coarse SAND, little Silt, trace Gravel; wet	38.5		Thickness of peat interval interpreted from previous Site investigation
25	Brown fine to coarse SAND, little Silt; wet	17.1		Strong odor and trace free product Slight odor and Sheen
30	Brown fine to coarse SAND, little Silt, trace Gravel; wet	0.0		
35	Brown to dark gray fine to medium SAND, some Silt, little Clay; wet	333	Odor	
40	Brown to dark gray fine to medium SAND, some Silt, little Clay; wet	235	Odor	
45	Dark gray to brown fine SAND, little Silt; wet	427	Odor	
50	Dark gray to brown fine SAND, little Silt; wet	236	Odor	
				Bottom of well 49.5 feet below land surface



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& Management

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Islandia, NY 11749  
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Fax: 631-232-9898

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING		EASTING																																																																													
RW-9																																																																																
PROJECT NO./NAME			LOCATION																																																																													
92401Y03 / FC Gowanus former MGP Site			124-136 2nd Avenue																																																																													
APPROVED BY	LOGGED BY																																																																															
G. Tyers	D. Moss	Brooklyn, New York																																																																														
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA																																																																															
Aquifer Drilling & Testing, Inc. / L. Adams	On Site Along 12th Street																																																																															
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD		SAMPLING METHOD	START-FINISH DATE																																																																											
6.25-in. / Auger	10-inches	CME-75 / HSA		2" Split Spoon	3/22/02-4/2/02																																																																											
CASING MAT./DIA.	SCREEN:	MAT.	SCH 40 PVC	TOTAL LENGTH 25.0	DIA. 4-inch																																																																											
SCH 40 PVC / 4-inch	TYPE Slotted				SLOT SIZE 20-Slot																																																																											
ELEVATION OF: (FT.)	GROUND SURFACE	TOP OF WELL CASING	TOP & BOTTOM SCREEN	GW SURFACE	GRAVEL PACK #2																																																																											
<table border="1" style="margin-top: 10px; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Depth, feet</th> <th style="width: 40%;">Visual Description</th> <th style="width: 10%;">Blow Counts per 6"</th> <th style="width: 10%;">PID Values (ppm)</th> <th style="width: 25%;">REMARKS</th> </tr> </thead> <tbody> <tr><td>5</td><td>Brown fine to coarse SAND, trace Gravel, trace Brick, trace Silt; dry to wet (fill)</td><td></td><td></td><td>5</td></tr> <tr><td>10</td><td>Brown WOOD; wet (fill)</td><td>120</td><td></td><td>Free product</td></tr> <tr><td>15</td><td>Brown fine SAND, little Silt, trace Gravel; wet (fill)</td><td>180</td><td></td><td>Black staining Odor and free product</td></tr> <tr><td>15</td><td>Green to tan fine to medium SAND, little Silt; wet (fill)</td><td>109</td><td></td><td>Trace free product</td></tr> <tr><td>20</td><td>Green to brown fine SAND, some Silt, trace Peat; wet (fill)</td><td>57.6</td><td></td><td></td></tr> <tr><td>20</td><td>Brown PEAT; moist</td><td></td><td></td><td>Thickness of peat interval interpreted from previous Site Investigation</td></tr> <tr><td>25</td><td>Black fine to coarse SAND, little Gravel; wet</td><td>84.9</td><td></td><td>Odor and free product</td></tr> <tr><td>25</td><td>Black fine to coarse SAND, some Silt, trace Gravel; wet</td><td>28.5</td><td></td><td>Black staining</td></tr> <tr><td>30</td><td>Black to gray SILT, little fine Sand; wet</td><td>66.8</td><td></td><td>Trace free product</td></tr> <tr><td>35</td><td>Brown Silt and fine Sand, trace coarse Sand; wet</td><td>28.2</td><td></td><td>Black staining</td></tr> <tr><td>35</td><td>Brown Silt and fine Sand, trace coarse Sand; wet</td><td>19.7</td><td></td><td>Odor and trace free product</td></tr> <tr><td>40</td><td>Brown Silt and fine Sand, trace coarse Sand; wet</td><td>27.1</td><td></td><td>Odor and sheen</td></tr> <tr><td>45</td><td>Brown Silt and fine Sand, trace coarse Sand; wet</td><td></td><td></td><td>Odor and sheen</td></tr> <tr><td>50</td><td></td><td></td><td></td><td>Bottom of well 49.5 feet below land surface</td></tr> </tbody> </table>						Depth, feet	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS	5	Brown fine to coarse SAND, trace Gravel, trace Brick, trace Silt; dry to wet (fill)			5	10	Brown WOOD; wet (fill)	120		Free product	15	Brown fine SAND, little Silt, trace Gravel; wet (fill)	180		Black staining Odor and free product	15	Green to tan fine to medium SAND, little Silt; wet (fill)	109		Trace free product	20	Green to brown fine SAND, some Silt, trace Peat; wet (fill)	57.6			20	Brown PEAT; moist			Thickness of peat interval interpreted from previous Site Investigation	25	Black fine to coarse SAND, little Gravel; wet	84.9		Odor and free product	25	Black fine to coarse SAND, some Silt, trace Gravel; wet	28.5		Black staining	30	Black to gray SILT, little fine Sand; wet	66.8		Trace free product	35	Brown Silt and fine Sand, trace coarse Sand; wet	28.2		Black staining	35	Brown Silt and fine Sand, trace coarse Sand; wet	19.7		Odor and trace free product	40	Brown Silt and fine Sand, trace coarse Sand; wet	27.1		Odor and sheen	45	Brown Silt and fine Sand, trace coarse Sand; wet			Odor and sheen	50				Bottom of well 49.5 feet below land surface
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50				Bottom of well 49.5 feet below land surface																																																																												

Page 1 of 1

**WELL CONSTRUCTION LOG**

WELL NO.	NORTHING	EASTING			
RW-10					
PROJECT NO./NAME <b>92401Y03 / FC Gowanus former MGP Site</b>	LOGGED BY <b>R. Kovacs</b>	LOCATION <b>124-136 2nd Avenue</b> <b>Brooklyn, New York</b>			
APPROVED BY <b>G. Tyers</b>		GEOGRAPHIC AREA <b>On Site Along 12th Street</b>			
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / L. Adams</b>	BOREHOLE DIAMETER <b>6.25-in. / Auger</b>	DRILLING EQUIPMENT/METHOD <b>CME-75 / HSA</b>			
CASING MAT./DIA. <b>SCH 40 PVC / 4-inch</b>	SCREEN: <b>TYPE Slotted</b>	SAMPLING METHOD <b>2" Split Spoon</b>			
ELEVATION OF: (FT.)	GROUND SURFACE	TOTAL LENGTH 25.0 MAT. SCH 40 PVC DIA. 4-inch TOP OF WELL CASING TOP & BOTTOM SCREEN GW SURFACE SLOT SIZE 20-Slot #2			
6-inch Locking Steel Protective Depth, feet	Graphic Log	Visual Description			
Stand Pipe		Blow Counts per 6"			
5	CEMENT	Brown fine to coarse SAND, trace Gravel, trace Silt, trace Brick; dry to wet (fill)			
10	Cement/Bentonite GROUT	Green to brown fine SAND, little Silt, trace Gravel; wet (fill)	8.2	Black staining	5
15	4-inch PVC Well Casing	Green to brown fine SAND, little Silt; wet (fill)	8.1	Black staining	10
15	Bentonite Chips	Green to brown fine SAND, little Silt; wet (fill)	6.0	Slight Odor	15
20		Green to brown fine to coarse SAND, little Silt, little Peat at 18; wet (fill)	8.7	Black staining	20
20		Brown PEAT; moist	54.0	Thickness of peat interval interpreted from previous Site investigation	20
25		Brown to light brown fine SAND, some Silt; wet	59.0	Odor and sheen	25
30	20-Slot PVC Well Screen	Brown to reddish brown fine to medium SAND, some Silt; wet	96.5	Free product	30
35	#2 Sand	Brown to light brown fine to medium SAND, some Silt; wet	219	Odor and free product	35
40		Brown fine to medium SAND, some Silt; wet	110	Odor and free product	40
45		Brown SILT, some medium Sand; wet	172	Odor and free product	45
50	5-foot PVC Sump	Brown SILT, some fine to medium Sand; wet	162	Odor and free product	50
	Push on PVC Well Cap	Bottom of well 50 feet below land surface			

Page 1 of 1

**WELL CONSTRUCTION LOG**

WELL NO.	NORTHING	EASTING
RW-11		
PROJECT NO./NAME <b>92401Y03 / FC Gowanus former MGP Site</b>	LOGGED BY <b>G. Tyers</b>	LOCATION <b>124-136 2nd Avenue Brooklyn, New York</b>
APPROVED BY <b>D. Moss</b>		GEOGRAPHIC AREA <b>On Site Along 12th Street</b>
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / L. Adams</b>	BOREHOLE DIAMETER <b>6.25-in. / Auger 10-inches</b>	DRILLING EQUIPMENT/METHOD <b>CME-75 / HSA</b>
CASING MAT./DIA. <b>SCH 40 PVC / 4-inch</b>	SCREEN: <b>TYPE Slotted</b>	SAMPLING METHOD <b>2" Split Spoon</b>
ELEVATION OF: (FT.)	GROUND SURFACE	TOTAL LENGTH 25.0 MAT. SCH 40 PVC TOP OF WELL CASING TOP & BOTTOM SCREEN GW SURFACE #2
6-Inch Locking Steel Protective Stand Pipe	4-inch Locking Test Well Plug	DIA. 4-inch SLOT SIZE 20-Slot GRAVEL PACK
Depth, feet	Graphic Log	Blow Counts per 6"
5	CEMENT	PID Values (ppm)
10	Cement/ Bentonite Grout	REMARKS
15	4-inch PVC Well Casing	5.0
20	Bentonite Chips	Black staining
25	20-Slot PVC Well Screen	71.9
30	#2 Sand	Black staining
35		43.9
40		31.2
45		138
50	5-foot PVC Sump	Thickness of peat interval interpreted from previous Site investigation
	Push on PVC Well Cap	7.2
		25
		7.2
		Odor and trace free product
		30
		23.2
		Trace free product
		35
		17.6
		Trace free product
		40
		1124
		Trace free product
		45
		280
		50
		Bottom of well 50 feet below land surface



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1377 Motor Parkway  
Islandia, NY 11749  
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Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING				
RW-12						
PROJECT NO./NAME	LOCATION					
92401Y03 / FC Gowanus former MGP Site	124-136 2nd Avenue					
APPROVED BY	LOGGED BY					
G. Tyers	D. Moss	Brooklyn, New York				
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA					
Aquifer Drilling & Testing, Inc. / L. Adams	On Site Along 12th Street					
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD				
6.25-in. / Auger	10-inches	CME-75 / HSA				
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD				
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon				
ELEVATION OF:	GROUND SURFACE	TOTAL LENGTH 25.0				
(FT.)	TOP OF WELL CASING	DIA. 4-inch				
	TOP & BOTTOM SCREEN	SLOT SIZE 20-Slot				
	GW SURFACE	GRAVEL PACK				
	#2					
Depth, feet	4-Inch Locking Test Well Plug	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5	CEMENT		Brown fine to coarse SAND, trace Gravel, trace Silt, trace Brick; dry to moist (fill)			
10	Cement/Bentonite Grout		BRICK; dry (fill) Brown fine to coarse SAND, some Gravel, trace Brick, trace Silt; wet at 7 (fill)			
15	4-Inch PVC Well Casing		Brown fine to coarse SAND, little Silt, trace Gravel; wet (fill)	55.3		Sheen and odor
20	Bentonite Chips		Brown fine to coarse SAND, little Silt, little Gravel; wet (fill)	72.2		Slight odor
25			Brown fine to coarse SAND, little Silt, little Gravel; wet (fill)	74.9		Slight odor
30			Brown fine to coarse SAND, some Gravel, little Silt; wet (fill) Brown PEAT; moist	1.7		Thickness of peat interval Interpreted from previous Site Investigation
35	20-Slot PVC Well Screen		Brown fine to coarse SAND, some Silt, trace Gravel; wet	11.7		
40	#2 Sand		Brown fine to coarse SAND, some Silt, trace Gravel; wet	19.3		
45			Brown fine to coarse SAND, some Silt, trace Gravel; wet	4.1		
50	5-foot PVC Sump		Brown fine to coarse SAND, some Silt, trace Gravel; wet	35.1		Odor
	Push on PVC Well Cap		Brown fine to coarse SAND, some Silt, trace Gravel; wet	174		Odor and trace free product
				294		Odor and trace free product
						Bottom of well 50 feet below land surface



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Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING		
RW-13				
PROJECT NO./NAME	LOCATION			
92401Y03 / FC Gowanus former MGP Site	124-136 2nd Avenue			
APPROVED BY	LOGGED BY			
G. Tyers	D. Moss	Brooklyn, New York		
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA			
Aquifer Drilling & Testing, Inc. / L. Adams	On Site Along 12th Street			
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD		
6.25-in. / Auger	10-inches	CME-75 / HSA		
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD		
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon		
ELEVATION OF: (FT.)	GROUND SURFACE	MAT. SCH 40 PVC TOTAL LENGTH 25.0 DIA. 4-inch SLOT SIZE 20-Slot		
	TOP OF WELL CASING	GW SURFACE #2		
	TOP & BOTTOM SCREEN /	GRAVEL PACK		
Depth, feet	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5	Brown fine to coarse SAND, trace Gravel, trace Silt, trace Brick; dry to moist (fill)			
10	Brick and Concrete; dry (fill) Brown fine to coarse Sand and Brick; wet (fill) Brown PEAT; moist Brown PEAT; moist	80.8	Black staining	5
15	Brown PEAT; moist	73.9		10
20	Fine SAND, some Silt, trace Gravel; wet	21.7	Black staining	15
25	Brown to green fine SAND, some Silt; wet	17.1	Odor Odor	20
30	Brown fine SAND, little Silt; wet	9.7	Slight odor	25
35	Brown SILT, little fine Sand, trace Gravel; wet	118	Odor and trace free product	30
40	Brown SILT, little fine Sand, trace Gravel; wet	15.6	Odor and trace free product	35
45	Brown fine SAND, some Silt; wet	5.3	Odor	40
50	Brown to green SILT, little fine Sand; wet	459	Odor and trace free product	45
	Brown SILT, some Sand; wet	154	Odor	50
			Bottom of well 50 feet below land surface	

Page 1 of 1

**WELL CONSTRUCTION LOG**

WELL NO.	NORTHING	EASTING			
RW-14					
PROJECT NO./NAME		LOCATION			
92401Y03 / FC Gowanus former MGP Site		124-136 2nd Avenue			
APPROVED BY	LOGGED BY	Brooklyn, New York			
G. Tyers	C. Battista	GEOGRAPHIC AREA			
DRILLING CONTRACTOR/DRILLER		On Site Along 12th Street			
Aquifer Drilling & Testing, Inc. / S. Miller					
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE	
6.25-In. / Auger	10-Inches	Mobile Drill B-61 / HSA	2" Split Spoon	3/22/02-3/26/02	
CASING MAT./DIA.	SCREEN:				
SCH 40 PVC / 4-inch	TYPE Slotted	MAT. SCH 40 PVC	TOTAL LENGTH 25.0	DIA. 4-inch	SLOT SIZE 20-Slot
ELEVATION OF: (FT.)	GROUND SURFACE	TOP OF WELL CASING	TOP & BOTTOM SCREEN	GW SURFACE	GRAVEL PACK #2
			/		
6-inch Locking Depth, feet	4-Inch Steel Protective Stand Pipe	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)
5	CEMENT		Brown fine to coarse SAND, little Gravel, trace Silt; dry (fill)		
10	Cement/ Bentonite Grout		Brown fine to coarse SAND, little Gravel, trace Silt; dry to moist (fill)	49.5	
15	4-inch PVC Well Casing		Brown fine to coarse SAND, little Gravel, trace Silt; wet (fill) Brown PEAT; moist	45.9	
20	Bentonite Chips		Brown PEAT; moist to wet	1.3	
25			Dark brown SAND, some Silt, trace Peat; wet	2.7	
30			Dark brown PEAT; moist to wet	125	
35	20-Slot PVC Well Screen		Dark brown fine SAND, little Silt; wet	147	Odor end trace free product
40	#2 Sand		Dark brown fine SAND, little Silt; wet	413	Sheen
45			Dark brown fine SAND, little Silt; wet	475	Trace free product
50	5-foot PVC Sump		Dark brown fine SAND, little Silt; wet	>2000	Sheen
	Push on PVC Well Cap			524	
Bottom of well 50 feet below land surface					



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Page 1 of 1

## **WELL CONSTRUCTION LOG**

WELL NO. <b>RW-15</b>	NORTHING	EASTING																																																																											
PROJECT NO./NAME <b>92401Y03 / FC Gowanus former MGP Site</b>	LOCATION <b>124-136 2nd Avenue</b>																																																																												
APPROVED BY <b>G. Tyers</b>	LOGGED BY <b>D. Moss</b>	<b>Brooklyn, New York</b>																																																																											
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / L. Adams</b>		GEOGRAPHIC AREA <b>Off Site 12th Street Sidewalk</b>																																																																											
DRILL BIT DIAMETER/TYPE <b>6.25-in. / Auger</b>	BOREHOLE DIAMETER <b>10-inches</b>	DRILLING EQUIPMENT/METHOD <b>CME-75 / HSA</b>																																																																											
CASING MAT./DIA. <b>SCH 40 PVC / 4-inch</b>	SCREEN: <b>TYPE Slotted</b>	SAMPLING METHOD <b>2" Split Spoon</b>																																																																											
ELEVATION OF: (FT.)	GROUND SURFACE	TOTAL LENGTH 25.0 TOP OF WELL CASING																																																																											
		TOP & BOTTOM SCREEN /																																																																											
		DIA. 4-inch GW SURFACE																																																																											
		SLOT SIZE 20-Slot GRAVEL PACK #2																																																																											
<p style="text-align: center;"><b>Visual Description</b></p> <table border="1"> <thead> <tr> <th>Depth, feet</th> <th>Visual Description</th> <th>Blow Counts per 6"</th> <th>PID Values (ppm)</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>CONCRETE Brown fine to coarse SAND, trace Gravel, trace Brick, trace Silt; dry to wet (fill)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>Brown to green fine SAND, little Silt, trace Gravel, trace Brick, trace Concrete; wet (fill)</td> <td>73.7</td> <td></td> <td></td> </tr> <tr> <td>10</td> <td>Brown fine SAND, little Silt, trace coarse SAND, trace Gravel; wet (fill)</td> <td>147</td> <td>Odor and sheen</td> <td></td> </tr> <tr> <td>15</td> <td>Brown fine to coarse SAND, little Silt, trace Gravel; wet (fill)</td> <td>51.8</td> <td></td> <td></td> </tr> <tr> <td>15</td> <td>Brown fine SAND, some Silt, trace coarse SAND; wet (fill)</td> <td>7.1</td> <td></td> <td></td> </tr> <tr> <td>15</td> <td>Brown PEAT; moist</td> <td></td> <td></td> <td>Thickness of peat interval Interpreted from previous Site investigation</td> </tr> <tr> <td>20</td> <td>Brown fine SAND, little Silt, trace coarse Sand; wet</td> <td>29.2</td> <td></td> <td></td> </tr> <tr> <td>25</td> <td>Brown fine Sand and Silt, trace coarse Sand; wet</td> <td>89.7</td> <td>Slight odor</td> <td></td> </tr> <tr> <td>25</td> <td>Brown fine SAND, little Silt, trace coarse Sand; wet</td> <td>154</td> <td>Slight odor</td> <td></td> </tr> <tr> <td>30</td> <td>Brown fine SAND, little Silt, trace Coarse Sand; wet</td> <td>243</td> <td></td> <td></td> </tr> <tr> <td>35</td> <td>Brown fine SAND, little Silt, trace Coarse Sand; wet</td> <td>172</td> <td>Trace free product</td> <td></td> </tr> <tr> <td>40</td> <td>Brown fine SAND, little Silt, trace Coarse Sand; wet</td> <td>612</td> <td>Trace free product</td> <td></td> </tr> <tr> <td>45</td> <td>Brown fine Sand and Silt; wet</td> <td>684</td> <td>Odor and trace free product</td> <td></td> </tr> <tr> <td>50</td> <td></td> <td></td> <td></td> <td>Bottom of well 50 feet below land surface</td> </tr> </tbody> </table>			Depth, feet	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS	0	CONCRETE Brown fine to coarse SAND, trace Gravel, trace Brick, trace Silt; dry to wet (fill)				5	Brown to green fine SAND, little Silt, trace Gravel, trace Brick, trace Concrete; wet (fill)	73.7			10	Brown fine SAND, little Silt, trace coarse SAND, trace Gravel; wet (fill)	147	Odor and sheen		15	Brown fine to coarse SAND, little Silt, trace Gravel; wet (fill)	51.8			15	Brown fine SAND, some Silt, trace coarse SAND; wet (fill)	7.1			15	Brown PEAT; moist			Thickness of peat interval Interpreted from previous Site investigation	20	Brown fine SAND, little Silt, trace coarse Sand; wet	29.2			25	Brown fine Sand and Silt, trace coarse Sand; wet	89.7	Slight odor		25	Brown fine SAND, little Silt, trace coarse Sand; wet	154	Slight odor		30	Brown fine SAND, little Silt, trace Coarse Sand; wet	243			35	Brown fine SAND, little Silt, trace Coarse Sand; wet	172	Trace free product		40	Brown fine SAND, little Silt, trace Coarse Sand; wet	612	Trace free product		45	Brown fine Sand and Silt; wet	684	Odor and trace free product		50				Bottom of well 50 feet below land surface
Depth, feet	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS																																																																									
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50				Bottom of well 50 feet below land surface																																																																									

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING				
RW-16						
PROJECT NO./NAME	LOCATION					
92401Y03 / FC Gowanus former MGP Site	124-136 2nd Avenue					
APPROVED BY	LOGGED BY					
G. Tyers	C. Battista	Brooklyn, New York				
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA					
Aquifer Drilling & Testing, Inc. / L. Adams	Off Site 12th Street Sidewalk					
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD				
6.25-in. / Auger	10-inches	CME-75 / HSA				
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD				
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon				
ELEVATION OF:	GROUND SURFACE	MAT. SCH 40 PVC TOTAL LENGTH 25.0 DIA. 4-inch				
(FT.)		GW SURFACE SLOT SIZE 20-Slot				
		#2				
Depth, feet	4-inch Locking Test Well Plug	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5	Flush Mount Manhole Cover		CONCRETE Brown to dark brown fine to coarse SAND, some Gravel, trace Silt; wet at 4 (fill)	7.9		5
10			Dark gray fine to coarse Sand and Gravel, little Silt; wet (fill)	5.8		10
15			Brown to dark gray GRAVEL, some fine to coarse Sand, trace Silt, trace Ash, trace Cinders; wet (fill) Brown to dark gray fine to coarse SAND, trace Silt, trace Gravel; wet (fill) Brown fine to coarse SAND, trace Silt, trace Gravel; wet (fill)	4.1		15
20			Brown PEAT; moist	26.4		20
25			Brown Silt and fine Sand, little Gravel; wet			25
30			Brown Silt and fine Sand, little Gravel; wet			30
35			Brown Silt and fine Sand, little Gravel; wet			35
40			Dark gray fine SAND, some Silt, little Clay; wet			40
45			Dark gray fine SAND, some Silt, little Clay, little Gravel; wet			45
50			Bottom of well 49 feet below land surface			50

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Page 1 of 1

**WELL CONSTRUCTION LOG**

WELL NO.	NORTHING	EASTING
RW-17		
PROJECT NO./NAME <b>92401Y03 / FC Gowanus former MGP Site</b>	LOGGED BY <b>G. Tyers</b>	LOCATION <b>124-136 2nd Avenue Brooklyn, New York</b>
APPROVED BY <b>R. Kovacs</b>		GEOGRAPHIC AREA <b>Off Site 12th Street Sidewalk</b>
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / L. Adams</b>	BOREHOLE DIAMETER <b>6.25-in. / Auger</b>	DRILLING EQUIPMENT/METHOD <b>CME-75 / HSA</b>
CASING MAT/DIA. <b>SCH 40 PVC / 4-inch</b>	SCREEN: <b>TYPE Slotted</b>	SAMPLING METHOD <b>2" Split Spoon</b>
ELEVATION OF: (FT.)	GROUND SURFACE	TOTAL LENGTH 25.0 MAT. SCH 40 PVC TOP OF WELL CASING TOP & BOTTOM SCREEN GW SURFACE #2
Depth, feet	4-inch Locking Test Well Plug Graphic Log	DIA. 4-inch SLOT SIZE 20-Slot GRAVEL PACK
Visual Description	Blow Counts per 6"	PID Values (ppm) REMARKS
CONCRETE Brown to dark brown fine to coarse SAND, some Silt; wet (fill)	13.0	Slight odor
Brown to dark brown fine to medium SAND, some Silt; wet (fill)	14.0	Slight odor
Cement/Bentonite Grout	22.3	Slight odor
4-inch PVC Well Casing	12.7	-
Bentonite Chips	12.3	Slight odor
Brown to reddish brown fine to medium SAND; wet (fill)	10.7	Slight odor
Brown PEAT; moist	7.4	Thickness of peat interval Interpreted from previous Site investigation Slight odor
Brown fine to medium SAND; wet	10.7	-
Brown to dark brown fine SAND; wet	11.9	Slight odor
Brown to dark brown fine SAND; wet	14.9	-
20-Slot PVC Well Screen	9.7	Slight odor
#2 Sand	47.3	Odor and trace free product
5-foot PVC Sump	59.9	Odor and trace free product
Push on PVC Well Cap		Bottom of well 50 feet below land surface

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING		
RW-18				
PROJECT NO./NAME	LOCATION			
92401Y03 / FC Gowanus former MGP Site	124-136 2nd Avenue			
APPROVED BY	LOGGED BY			
G. Tyers	C. Battista	Brooklyn, New York		
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA			
Aquifer Drilling & Testing, Inc. / L. Adams	Off Site 12th Street Sidewalk			
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
6.25-in. / Auger	10-inches	CME-75 / HSA	2" Split Spoon	4/19/02-4/19/02
CASING MAT./DIA.	SCREEN:			
SCH 40 PVC / 4-inch	TYPE Slotted	MAT. SCH 40 PVC	TOTAL LENGTH 25.0	DIA. 4-inch
EL E V A T I O N O F :	GROUND SURFACE	TOP OF WELL CASING	TOP & BOTTOM SCREEN	GW SURFACE
(FT.)			/	#2
Depth, feet	Flush Mount Manhole Cover	4-inch Locking Test Well Plug	Graphic Log	Visual Description
				Blow Counts per 6"
				PID Values (ppm)
				REMARKS
5				
10				
15				
20				
25				
30				
35				
40				
45				
50				

1. Flush Mount Manhole Cover  
 2. 4-inch Locking Test Well Plug  
 3. Graphic Log  
 4. CONCRETE  
 5. Cement/Bentonite Grout  
 6. 4-inch PVC Well Casing  
 7. Bentonite Chips  
 8. 20-Slot PVC Well Screen  
 9. #2 Sand  
 10. 5-foot PVC Sump  
 11. Push on PVC Well Cap

BORING WELL RECOVE-1.GPJ ROUX.GDT 6/1/02

Bottom of well 50 feet below land surface

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING
RW-19		
PROJECT NO./NAME		LOCATION
92401Y03 / FC Gowanus former MGP Site		124-136 2nd Avenue
APPROVED BY	LOGGED BY	
G. Tyers	D. Moss	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA
Aquifer Drilling & Testing, Inc. / L. Adams		Off Site 12th Street Sidewalk
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD
6.25-in. / Auger	10-inches	CME-75 / HSA
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon
ELEVATION OF:	GROUND SURFACE	MAT. SCH 40 PVC TOTAL LENGTH 25.0
(FT.)		DIA. 4-inch
		SLOT SIZE 20-Slot
		GW SURFACE
		#2
Depth, feet	Flush Mount Manhole Cover 4-inch Locking Test Well Plug Graphic Log	Visual Description
5	Concrete	Concrete Brown fine to coarse SAND, little Silt, trace Brick, trace Gravel; wet at 4 (fill)
10	Cement/Bentonite Grout 4-Inch PVC Well Casing	Brown fine SAND, trace Silt, trace coarse Sand, trace Gravel; moist (fill) Brown fine SAND, trace Silt; wet (fill)
15	Bentonite Chips	Peat and green-grey CLAY; moist
20		Brown fine SAND, little Silt, trace Gravel; wet
25		Brown fine SAND, little Silt; wet
30	20-Slot PVC Well Screen	Brown fine SAND, little Silt; wet
35	#2 Sand	Brown fine SAND, little Silt, trace coarse Sand; wet
40		Brown fine SAND, little Silt, trace coarse Sand; wet
45		Brown fine SAND, little Silt; wet
50	5-foot PVC Sump Push on PVC Well Cap	Brown fine SAND, little Silt; wet
BORING WELL RECOVE-1.GPJ ROUX GDT 6/11/02		
Bottom of well 50 feet below land surface		
		Blow Counts per 6"
		PID Values (ppm)
		REMARKS

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING			
RW-20					
PROJECT NO./NAME	LOCATION				
92401Y03 / FC Gowanus former MGP Site	124-136 2nd Avenue				
APPROVED BY	LOGGED BY				
G. Tyers	C. Battista	Brooklyn, New York			
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA				
Aquifer Drilling & Testing, Inc. / L. Adams	Off Site 12th Street Sidewalk				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD			
6.25-in. / Auger	10-inches	CME-75 / HSA			
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD			
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon			
ELEVATION OF:	GROUND SURFACE	TOTAL LENGTH 25.0			
(FT.)	TOP OF WELL CASING	DIA. 4-inch			
	TOP & BOTTOM SCREEN	SLOT SIZE 20-Slot			
	/	GW SURFACE GRAVEL PACK			
		#2			
Depth, feet	Flush Mount Manhole Cover 4-inch Locking Test Well Plug Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
0	Concrete	CONCRETE Dark brown fine to coarse SAND, trace Gravel, trace Brick, trace Silt; dry to wet (fill)			
5			13.3		Odor
10	Cement/Bentonite Grout 4-inch PVC Well Casing	Brown to dark green fine to coarse SAND, little Gravel, trace Silt, trace Brick; wet (fill) Brown fine to coarse SAND, little Gravel, trace Silt, trace Brick; wet (fill) Brown PEAT; moist	11.4 12.0		5 10 15
15	Bentonite Chips	Brown medium to coarse SAND, little Silt, trace Gravel, trace Peat; wet	10.5		Thickness of peat interval interpreted from previous Site investigation
20		Brown fine SAND, little Silt; wet	6.5		Slight odor
25		Brown fine SAND, little Silt; wet	21.9		20 25
30	20-Slot PVC Well Screen	Brown fine SAND, little Silt; wet	3.8		30
35	#2 Sand	Brown fine SAND, little Silt, trace Gravel; wet	6.4		35
40		Dark gray to light brown fine to medium SAND; wet	4.3		40
45	5-foot PVC Sump Push on PVC Well Cap	Dark gray to light brown fine to medium SAND, trace Silt, trace Gravel; wet	5.2		45 50
		Bottom of well 49.5 feet below land surface.			50

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Page 1 of 1

**WELL CONSTRUCTION LOG**

WELL NO.	NORTHING	EASTING	
RW-21			
PROJECT NO./NAME <b>92401Y03 / FC Gowanus former MGP Site</b>		LOCATION <b>124-136 2nd Avenue</b>	
APPROVED BY <b>G. Tyers</b>	LOGGED BY <b>D. Moss</b>	Brooklyn, New York	
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / L. Adams</b>	BOREHOLE DIAMETER <b>10-inches</b>	GEOGRAPHIC AREA <b>Off Site 12th Street Sidewalk</b>	
DRILL BIT DIAMETER/TYPE <b>6.25-in. / Auger</b>		DRILLING EQUIPMENT/METHOD <b>CME-75 / HSA</b>	
CASING MAT./DIA. <b>SCH 40 PVC / 4-inch</b>	SCREEN: <b>TYPE Slotted</b>	SAMPLING METHOD <b>2" Split Spoon</b>	
ELEVATION OF: (FT.)	GROUND SURFACE	TOTAL LENGTH 25.0	
	TOP OF WELL CASING	DIA. 4-inch	
	TOP & BOTTOM SCREEN	SLOT SIZE 20-Slot	
	/	GW SURFACE	
		GRAVEL PACK	
		#2	
Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
CONCRETE Brown fine to coarse SAND, trace Gravel, trace Brick, trace Silt; dry to wet (fill)			
Brown fine SAND, little Silt, trace coarse Sand; wet (fill)	32.1		
Brown fine to coarse SAND, trace Silt, trace Gravel; wet (fill)	11.6		
Brown Peat and green to gray Silt and Clay; moist	5.0		Thickness of peat interval Interpreted from previous Site investigation
Brown fine SAND, little Silt; wet	10.8		
Brown fine SAND, little Silt, trace coarse Sand; wet	52.9		Strong odor
Brown fine SAND, little Silt; wet	87.4		Strong odor
Brown fine SAND, little Silt; wet	28.6		Slight odor
Brown fine SAND, little Silt; wet	18.8		Slight odor
Brown fine SAND, little Silt; wet	16.4		Slight odor
			Bottom of well 50 feet below land surface

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING				
RW-22						
PROJECT NO./NAME		LOCATION				
92401Y03 / FC Gowanus former MGP Site		124-136 2nd Avenue				
APPROVED BY	LOGGED BY	Brooklyn, New York				
G. Tyers	D. Moss					
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA				
Aquifer Drilling & Testing, Inc. / L. Adams		Off Site 12th Street Sidewalk				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD				
6.25-in. / Auger	10-inches	CME-75 / HSA				
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD				
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon				
ELEVATION OF:	GROUND SURFACE	MAT. SCH 40 PVC TOTAL LENGTH 25.0				
(FT.)		DIA. 4-inch				
		GW SURFACE				
		SLOT SIZE 20-Slot				
		GRAVEL PACK #2				
Depth, feet	4-inch Locking Test Well Plug	Graphic Log	Visual Description	Blow Counts per 6"	PIO Values (ppm)	REMARKS
5	Flush Mount Manhole Cover		Concrete	Brown fine to coarse SAND, trace silt, trace Brick, trace Concrete, trace Gravel; dry to wet (fill)		
10			Cement/Bentonite Grout	Brown fine SAND, trace Silt; wet (fill)	699	
15			4-inch PVC Well Casing	Brown fine to coarse SAND, trace Silt; wet (fill)	>2000	Odor and black staining
15			Bentonite Chips	Brown fine to coarse SAND, little silt; wet (fill)	5.7	
20				Brown fine SAND, little Silt; wet (fill) PEAT, Green-Gray Clay and fine Sand	3.7	
20				Brown to gray fine SAND, little Silt, trace coarse Sand, trace Gravel; wet	27.8	Thickness of peat interval interpreted from previous Site investigation
25				Brown to gray fine SAND, little Silt, trace coarse Sand, trace Gravel; wet	0.0	
30			20-Slot PVC Well Screen	Brown to gray fine SAND, little Silt, trace coarse Sand, trace Gravel; wet	11.9	
30			#2 Sand	Brown to gray fine SAND, little Silt, trace coarse Sand, trace Gravel; wet	0.0	
35				Brown to gray fine SAND, little Silt, trace coarse Sand, trace Gravel; wet	0.0	
40				Brown fine SAND, little silt; wet	2.1	
45				Brown fine SAND, little silt; wet	0.0	
50			5-foot PVC Sump			
			Push on PVC Well Cap			
BORING/WELL RECOVE-1.GEJ ROUXGDT 6/11/02			Bottom of well 50 feet below land surface			

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING					
RW-23							
PROJECT NO./NAME	LOCATION						
92401Y03 / FC Gowanus former MGP Site	124-136 2nd Avenue						
APPROVED BY	LOGGED BY						
G. Tyers	D. Moss	Brooklyn, New York					
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA						
Aquifer Drilling & Testing, Inc. / L. Adams	Off Site 12th Street Sidewalk						
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD					
6.25-in. / Auger	10-inches	CME-75 / HSA					
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD					
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon					
ELEVATION OF:	GROUND SURFACE	TOTAL LENGTH 25.0					
(FT.)	TOP OF WELL CASING	DIA. 4-inch					
	TOP & BOTTOM SCREEN	SLOT SIZE 20-Slot					
	GW SURFACE	GRAVEL PACK #2					
Depth, feet	Flush Mount Manhole Cover	4-inch Locking Test Well Plug	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5				Concrete Brown fine to coarse SAND, trace Brick, trace Concrete, trace Gravel; dry to wet (III)			
10				Brown fine to coarse SAND, little Silt, trace Gravel; wet (fill) Brown fine Sand and Silt, trace coarse Sand; wet (fill)	1354	Odor and trace free product	10
15				Brown fine SAND, little Silt, trace Gravel; wet (fill) PEAT and Green-Gray CLAY, trace Shells; moist	72.8	Odor	15
20				Brown fine to coarse SAND, little Silt, trace Gravel; wet Brown fine to coarse SAND, little Silt, trace Gravel; wet	352	Odor	Thickness of peat interval Interpreted from previous Site investigation Odor
25				Brown fine to coarse SAND, little Silt, trace Gravel; wet	92.5	Odor	20
30				Brown fine to coarse SAND, little Silt; wet	50.7	Odor	25
35				Brown fine to coarse SAND, little Silt; wet	25.2	Odor	30
40				Brown fine to coarse SAND, little Silt; wet	40.1	Odor	35
45				Brown fine to coarse SAND, little Silt; wet	13.7	Odor	40
50				Brown fine to coarse SAND, some Silt; wet	9.6	Odor	45
					12.7	Odor	50
Bottom of well 50 feet below land surface							



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Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING	LOCATION	GEOGRAPHIC AREA	SAMPLING METHOD	START-FINISH DATE	
RW-25			124-136 2nd Avenue				
PROJECT NO./NAME							
92401Y03 / FC Gowanus former MGP Site							
APPROVED BY	LOGGED BY		Brooklyn, New York				
G. Tyers	D. Moss						
DRILLING CONTRACTOR/DRILLER							
Aquifer Drilling & Testing, Inc. / L. Adams			Off Site 12th Street Sidewalk				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER		GEOPHYSICAL EQUIPMENT/METHOD				
6.25-in. / Auger	10-inches		CME-75 / HSA		2" Split Spoon	4/11/02-4/11/02	
CASING MAT/DIA.	SCREEN:						
SCH 40 PVC / 4-inch	TYPE Slotted	MAT. SCH 40 PVC	TOTAL LENGTH 25.0	DIA. 4-inch	SLOT SIZE 20-Slot		
ELEVATION OF:	GROUND SURFACE	TOP OF WELL CASING	TOP & BOTTOM SCREEN	GW SURFACE	GRAVEL PACK		
(FT.)			/		#2		
Flush Mount Depth, feet	Manhole Cover	4-inch Locking Test Well Plug	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5				Concrete Brown fine to coarse SAND, trace Brick, trace Concrete, trace Gravel; dry to wet (fill)			
10				Brown fine SAND, little Silt, trace Gravel; wet (fill)	8.1		
15				Brown fine to coarse SAND, little Silt, trace Gravel; wet (fill)	198	Odor	
				Brown fine to coarse SAND, little Silt, trace Gravel; wet (fill)	478	Odor	
				PEAT and Green-Gray CLAY; moist		Odor	
20				Brown fine to coarse SAND, little Silt, trace Gravel; wet	518	Thickness of peat interval interpreted from previous Site investigation	
				Brown fine to coarse SAND, little Silt, trace Gravel; wet	610	Odor	
25				Brown fine to coarse SAND, little Silt; wet	31.4		
30			20-Slot PVC Well Screen	Brown fine to coarse SAND, little Silt; wet	231	Odor	
35			#2 Sand	Brown fine SAND, little Silt, trace coarse Sand; wet	315	Odor	
40				Brown fine SAND, some Silt, trace coarse Sand; wet	136	Odor	
45				Brown fine Sand and Silt; wet	246	Odor	
50			5-foot PVC Sump				
			Push on PVC Well Cap				
Bottom of well at 50 feet below land surface							

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING			
RW-27					
PROJECT NO./NAME	LOCATION				
92401Y03 / FC Gowanus former MGP Site	124-136 2nd Avenue				
APPROVED BY	LOGGED BY	Brooklyn, New York			
G. Tyers	D. Moss				
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA				
Aquifer Drilling & Testing, Inc. / L. Adams	Off Site 12th Street Sidewalk				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD			
6.25-in. / Auger	10-Inches	CME-75 / HSA			
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD			
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon			
ELEVATION OF:	GROUND SURFACE	TOTAL LENGTH 25.0			
(FT.)	TOP OF WELL CASING	GW SURFACE			
	TOP & BOTTOM SCREEN	GRAVEL PACK			
	/	#2			
Depth, feet	Flush Mount Manhole Cover 4-inch Locking Test Well Plug Graphic Log	VISUAL DESCRIPTION	Blow Counts per 6"	PID Values (ppm)	REMARKS
5		Concrete Brown fine to coarse SAND, trace Brick, trace Concrete, trace Gravel; dry to wet (fill)			5
10		Cement/Bentonite Grout Brown fine to coarse SAND, little Gravel; wet (fill)	1.7		10
15	4-inch PVC Well Casing Bentonite Chips	Brown fine to coarse SAND, little Gravel; wet (fill) Brown fine to coarse SAND, trace Silt; wet (fill) PEAT and Green-Gray CLAY; moist	6.9 3.1 2.7		15 Thickness of peat interval interpreted from previous Site investigation
20		Brown fine SAND, little Silt, trace Gravel, trace coarse Sand; wet Brown fine to coarse SAND, little Silt, trace Gravel; wet	17.7		20
25		Brown fine SAND, little Silt; wet	32.4		25
30	20-Slot PVC Well Screen	Brown fine SAND, little Silt, trace coarse Sand; wet	3.8		30
35	#2 Sand	Brown fine SAND, little Silt, trace coarse Sand; wet	5.2		35
40		Brown fine SAND, some Silt; wet	3.8		40
45		Brown fine SAND, some Silt; wet	7.1		45
50	5-foot PVC Sump Push on PVC Well Cap				50 Bottom of well 50 feet below land surface

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING				
RW-29						
PROJECT NO./NAME						
92401Y03 / FC Gowanus former MGP Site	LOGGED BY	LOCATION				
APPROVED BY <b>G. Tyers</b>	D. Moss	124-136 2nd Avenue Brooklyn, New York				
DRILLING CONTRACTOR/DRILLER						
Aquifer Drilling & Testing, Inc. / L. Adams	GEOGRAPHIC AREA					
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD				
6.25-in. / Auger	10-Inches	CME-75 / HSA				
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD				
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon				
ELEVATION OF:	GROUND SURFACE	TOTAL LENGTH 25.0				
(FT.)	TOP OF WELL CASING	DIA. 4-inch				
	TOP & BOTTOM SCREEN	SLOT SIZE 20-Slot				
	/	GW SURFACE GRAVEL PACK #2				
Depth, feet	4-Inch Locking Test Well Plug	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5	CEMENT		Brown coarse to fine SAND, trace Silt, trace Brick, trace Gravel; dry to moist (fill)		301	Odor and black staining 5
10	Cement/Bentonite Grout		Black fine to coarse SAND, little Wood, trace Gravel; moist to wet (fill)		12.8	Black staining 10
15	4-inch PVC Well Casing		CONCRETE and WOOD; wet (fill)		44.4	Black staining 15
15	Bentonite Chips		Brown fine to medium SAND, little Silt, trace Gravel, wet (fill) Green to gray CLAY and PEAT; moist		17.6	Thickness of peat interval interpreted from previous Site investigation 15
20			Gray fine SAND, little Silt, little Wood; wet		12.5	Black staining 20
25			Gray fine to coarse SAND, little Silt, trace Wood; wet		6.0	Odor and black staining 25
30	20-Slot PVC Well Screen		Gray fine SAND, some Silt, trace coarse SAND; wet		459	Odor 30
35	#2 Sand		Gray to brown fine SAND, little Silt; wet		762	Odor 35
40			Gray to brown fine SAND, little Silt; wet		314	Odor 40
45			Brown fine to medium SAND, some Silt; wet			45
50	5-foot PVC Sump		Brown fine SAND, little Silt; wet			50
	Push on PVC Well Cap					Bottom of well 50.5 feet below land surface

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING
RW-30		
PROJECT NO./NAME <b>92401Y03 / FC Gowanus former MGP Site</b>	LOGGED BY <b>D. Moss</b>	LOCATION <b>124-136 2nd Avenue Brooklyn, New York</b>
APPROVED BY <b>G. Tyers</b>		GEOGRAPHIC AREA <b>On Site Along Pathmark Wall</b>
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / L. Adams</b>	BOREHOLE DIAMETER <b>6.25-in. / Auger</b>	DRILLING EQUIPMENT/METHOD <b>CME-75 / HSA</b>
CASING MAT./DIA. <b>SCH 40 PVC / 4-inch</b>	SCREEN: <b>TYPE Slotted</b>	SAMPLING METHOD <b>2" Split Spoon</b>
ELEVATION OF: (FT.)	GROUND SURFACE	TOTAL LENGTH 25.0 MAT. SCH 40 PVC DIA. 4-inch TOP OF WELL CASING TOP & BOTTOM SCREEN GW SURFACE SLOT SIZE 20-Slot #2
6-inch Locking Steel Protective Depth, feet	Stand Pipe	Graphic Log
		Visual Description
5	CEMENT	Brown coarse to fine SAND, trace Silt, trace Brick, trace Gravel; dry to moist (fill)
10	Cement/ Bentonite Grout	Brown coarse to fine SAND, little Gravel; moist (fill)
15	4-inch PVC Well Casing	Brown fine to coarse SAND, little Gravel, trace Wood, trace Brick; wet (fill)
20	Bentonite Chips	Brown fine to medium SAND, trace Gravel, trace Silt; wet (fill)
25		Brown fine SAND, little Silt, trace Gravel; wet (fill)
30	20-Slot PVC Well Screen	Gray fine SAND, trace Silt, trace Peat; wet
35	#2 Sand	Fine SAND, trace Silt; wet
40		Brown PEAT; moist
45		Brown fine SAND, little Silt; wet
50	5-foot PVC Sump	Gray fine SAND, trace Silt; wet
	Push on PVC Well Cap	Brown fine SAND, little Silt; wet
		Fine SAND, little Silt; wet
		Fine SAND, little Silt; wet
		Fine SAND, little Silt; wet
		Bottom of well 50 feet below land surface



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Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING				
RW-31						
PROJECT NO./NAME	LOCATION					
92401Y03 / FC Gowanus former MGP Site	124-136 2nd Avenue					
APPROVED BY	LOGGED BY					
G. Tyers	D. Moss					
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA					
Aquifer Drilling & Testing, Inc. / L. Adams	On Site Along Pathmark Wall					
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD				
6.25-in. / Auger	10-inches	CME-75 / HSA				
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD				
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon				
ELEVATION OF:	GROUND SURFACE	TOTAL LENGTH 35.0				
(FT.)	TOP OF WELL CASING	GW SURFACE				
	TOP & BOTTOM SCREEN	SLOT SIZE 20-Slot				
	/	GRAVEL PACK #2				
6-inch Locking Steel Protective Stand Pipe	4-inch Locking Test Well Plug	Graphic Log	Visual Description	Blow Counts per 6"	PIO Values (ppm)	REMARKS
Depth, feet						
5	CEMENT Cement Bentonite Grout		Brown coarse to fine SAND, trace Silt, trace Brick, trace Gravel; dry to moist (fill)		945	Odor, black staining, and sheen
10	Bentonite Chips		Fine SAND, trace Silt; wet (fill)		35.9	
15	4-inch PVC Well Casing		Brown fine to medium SAND, trace Silt, trace Brick, trace Gravel, trace Wood, trace Coal Fragments; wet (fill)		26.3	
20			Brown fine to medium SAND, some Silt, trace Gravel; wet (fill)		>2000	Odor
25	20-Slot PVC Well Screen		Brown fine to coarse SAND, little Silt, trace Gravel; wet (fill)		886	Odor, black staining, and trace free product
30	#2 Sand		Brown fine to coarse SAND, little Silt, trace Gravel; wet		>2000	Odor and free product
35			Brown fine SAND, little Silt; wet		1349	
40			Gray to brown fine SAND, little Silt, trace coarse SAND; wet		257	Odor and trace free product
45			Gray to brown fine SAND, little Silt, trace coarse SAND; wet		192	Odor and trace free product
50	5-foot PVC Sump		Gray to brown fine SAND, little Silt, trace coarse SAND; wet		254	Odor and trace free product
	Push on PVC Well Cap		Gray to brown fine SAND, some Silt; wet		415	Odor and trace free product
					785	Odor and trace free product
						Bottom of well 50 feet below land surface

Page 1 of 1

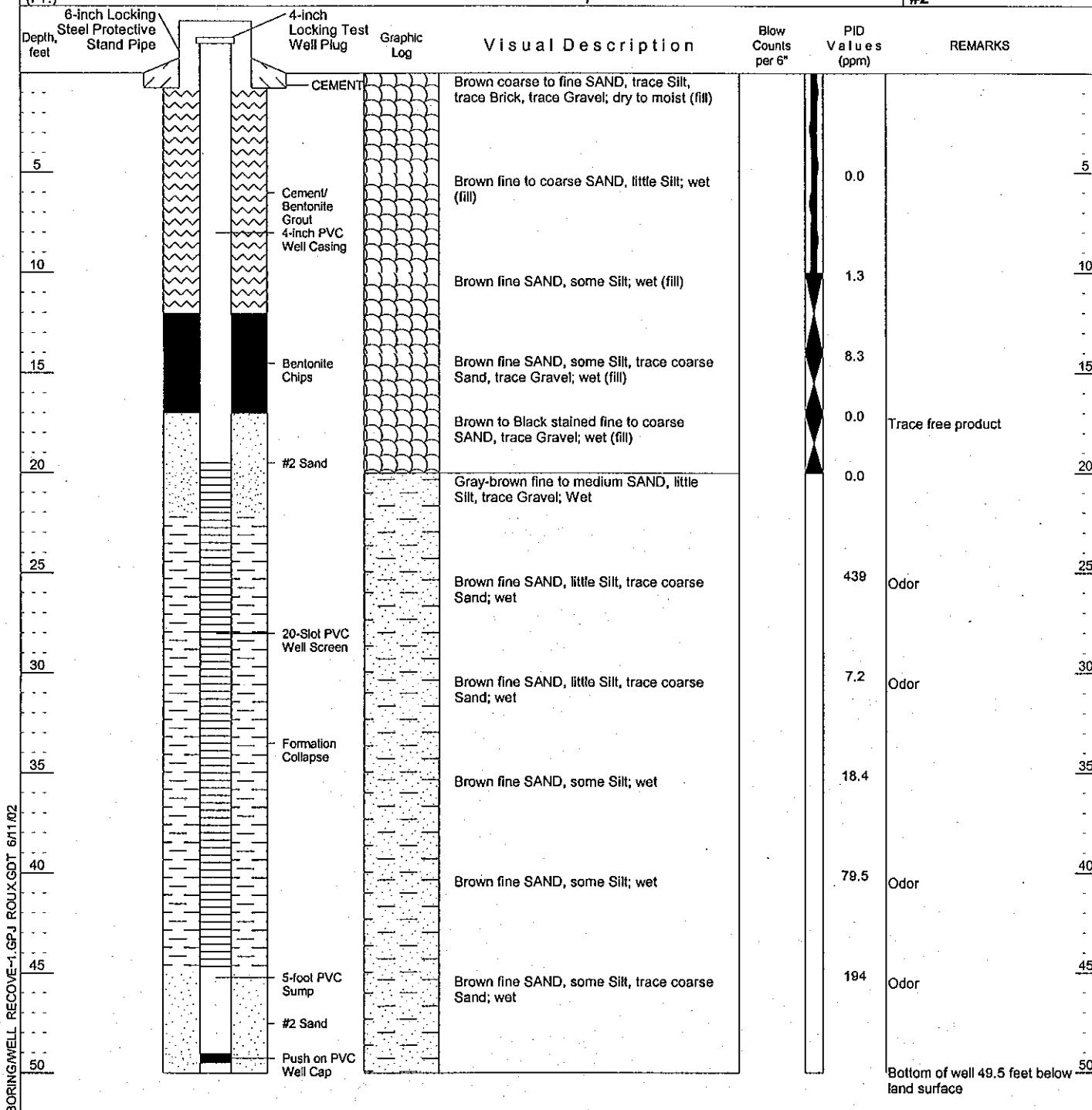
**WELL CONSTRUCTION LOG**

WELL NO.	NORTHING	EASTING			
RW-32					
PROJECT NO./NAME		LOCATION			
92401Y03 / FC Gowanus former MGP Site		124-136 2nd Avenue			
APPROVED BY	LOGGED BY	Brooklyn, New York			
G. Tyers	D. Moss				
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA			
Aquifer Drilling & Testing, Inc. / L. Adams		On Site Along Pathmark Wall			
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE	
6.25-In. / Auger	10-inches	CME-75 / HSA	2" Split Spoon	4/30/02-4/30/02	
CASING MAT./DIA.	SCREEN:	MAT. SCH 40 PVC TOTAL LENGTH 35.0	DIA. 4-inch	SLOT SIZE 20-Slot	
SCH 40 PVC / 4-inch	TYPE Slotted	TOP OF WELL CASING	GW SURFACE	GRAVEL PACK	
ELEVATION OF: (FT.)	GROUND SURFACE	TOP & BOTTOM SCREEN	/	#2	
6-inch Locking Steel Protective Stand Pipe	4-inch Locking Test Well Plug	Graphic Log	Blow Counts per 6"	PID Values (ppm)	REMARKS
Depth, feet	CEMENT Cement/Bentonite Grout	Brown coarse to fine SAND, trace Silt, trace Brick, trace Gravel; dry to moist (fill)			
5	Bentonite Chips	Gray-brown fine to coarse SAND, trace Silt, trace Gravel; moist (fill)			
10	4-inch PVC Well Casing	Gray-brown medium SAND, trace Silt, trace Gravel, trace coarse Sand; moist (fill)	21.1		
15		Brown coarse to fine Sand, little Silt, trace Gravel; moist (fill)	13.8	Odor, sheen	
		Brown fine to medium SAND, little Silt, trace coarse Sand; wet (fill)	6.5	Odor, trace black staining	15
20		Brown fine to coarse SAND, little Silt; wet	7.3	Odor	
		Gray-brown fine SAND, little Silt, trace coarse Sand; wet	15.3		
25	#2 Sand	Gray-brown fine SAND, little Silt, trace coarse Sand; wet	36.0	Odor, sheen	
		Gray-brown fine SAND, little Silt, trace coarse Sand; wet	87.4	Odor, sheen	25
30	20-Slot PVC Well Screen	Gray-brown fine SAND, little Silt, trace coarse Sand; wet	118	Odor, sheen	
		Gray-brown fine SAND, little Silt, trace coarse Sand; wet	67.4		30
35		Brown fine SAND, some Silt; wet			
		Brown fine to medium SAND, little Silt; wet	107	Odor	
40		Brown fine SAND, some Silt; wet			
		Brown fine SAND, some Silt; wet	68.9	Odor	
45					
50	5-foot PVC Sump				
	Push on PVC Well Cap				
Bottom of well 50 feet below land surface					

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING
RW-33		
PROJECT NO./NAME		LOCATION
92401Y03 / FC Gowanus former MGP Site		124-136 2nd Avenue
APPROVED BY	LOGGED BY	
G. Tyers	D. Moss	Brooklyn, New York
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA
Aquifer Drilling & Testing, Inc. / L. Adams		On Site Along Pathmark Wall
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD
6.25-in. / Auger	10-inches	CME-75 / HSA
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon
ELEVATION OF:	GROUND SURFACE	TOTAL LENGTH 25.0
(FT.)		DIA. 4-inch
		GW SURFACE
		GRAVEL PACK
		#2



Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING				
RW-34						
PROJECT NO./NAME	LOCATION					
92401Y03 / FC Gowanus former MGP Site	124-136 2nd Avenue					
APPROVED BY	LOGGED BY					
G. Tyers	D. Moss	Brooklyn, New York				
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA					
Aquifer Drilling & Testing, Inc. / L. Adams	On Site Along 12th Street					
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD				
6.25-in. / Auger	10-inches	CME-75 / HSA				
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD				
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon				
ELEVATION OF:	GROUND SURFACE	TOTAL LENGTH 25.0				
(FT.)	TOP OF WELL CASING	GW SURFACE				
	TOP & BOTTOM SCREEN	GRAVEL PACK				
	/	#2				
Depth, feet	Stand Pipe	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5	6-inch Locking Steel Protective Stand Pipe	4-inch Locking Test Well Plug	Brown fine to coarse SAND, little Silt, trace Gravel; moist to wet at approximately 7 ft bbl (fill)	31.2		5
10	Cement/Bentonite Grout		Brown fine to coarse SAND, trace Silt, trace Gravel; wet (fill)	10.3		10
15	4-Inch PVC Well Casing		Brown fine sand, little Silt, trace coarse Sand; wet (fill)	17.1		15
15	Bentonite Chips		Green-gray CLAY and PEAT; moist	47.4	Thickness of peat interval interpreted from previous Site Investigation Odor	15
20			Brown fine SAND, little Silt, trace coarse Sand; wet	26.9	Odor, sheen	20
25			Gray-brown fine SAND, little Silt, trace Gravel; wet	16.6	Odor	25
30	20-Slot PVC Well Screen		Gray-brown fine SAND, some Silt; wet	24.3	Odor	30
35	#2 Sand		Gray-brown fine SAND, some Silt; wet	107	Odor, sheen	35
40			Gray-brown fine SAND, some Silt, trace coarse Sand; wet	126	Odor	40
45	5-foot PVC Sump		Brown fine SAND, little Silt; wet	134	Odor	45
50	Push on PVC Well Cap		Brown fine SAND, little Silt; wet			50
Bottom of well 49 feet below land surface						

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Page 1 of 1

**WELL CONSTRUCTION LOG**

WELL NO.	NORTHING	EASTING				
RW-35						
PROJECT NO./NAME	LOCATION					
92401Y03 / FC Gowanus former MGP Site	124-136 2nd Avenue					
APPROVED BY	LOGGED BY	Brooklyn, New York				
G. Tyers	D. Moss					
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA					
Aquifer Drilling & Testing, Inc. / L. Adams	On Site Along 12th Street					
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD				
6.25-in. / Auger	10-inches	CME-75 / HSA				
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD				
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon				
ELEVATION OF:	GROUND SURFACE	TOTAL LENGTH 25.0				
(FT.)	TOP OF WELL CASING	DIA. 4-inch				
	TOP & BOTTOM SCREEN	SLOT SIZE 20-Slot				
	/	GW SURFACE				
		GRAVEL PACK				
		#2				
6-Inch Locking Steel Protective Stand Pipe	4-Inch Locking Test Well Plug	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
Depth, feet						
5	CEMENT Concrete		Brown fine to coarse SAND, trace silt, trace gravel, trace brick; moist (fill)		>2000	Odor, trace free product
	Cement/ Bentonite Grout		Black fine SAND, trace Silt; moist to wet at approximately 5.5 ft bsl (fill)		>2000	Odor, free product
			Black fine SAND, little Silt; wet (fill) Green-gray CLAY and PEAT; moist			
10	4-inch PVC Well Casing		Black to brown fine SAND and SILT; wet	872		Odor, free product
	Bentonite Chips		Brown to black fine SAND, some Silt, trace coarse Sand; wet	272		Odor
15			Gray-brown fine SAND, little Silt, trace Clay, trace Peat; wet	311		
	#2 Sand		Brown fine SAND, little Silt; wet	182		Odor
20			Brown fine SAND, little Silt; wet	158		Odor
	20-Slot PVC Well Screen		Brown fine SAND, little Silt; wet	552		Odor, trace free product
25			Brown fine SAND, little Sill, trace coarse Sand; wet	918		Trace free product
	Formation Collapse		Gray-brown fine to medium SAND, little Silt; wet	723		Trace free product
30			Gray-brown fine to medium SAND, little Silt; wet			
	5-foot PVC Sump					
35						
	#2 Sand					
40						
	Push on PVC Well Cap					
45						
50						
BORING WELL RECOVE-1.GPJ ROUX GDT 6/11/02			Bottom of well 49 feet below land surface			

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING		
RW-36				
PROJECT NO./NAME 92401Y03 / FC Gowanus former MGP Site		LOCATION 124-136 2nd Avenue		
APPROVED BY G. Tyers		LOGGED BY D. Moss		
DRILLING CONTRACTOR/DRILLER Aquifer Drilling & Testing, Inc. / L. Adams		GEOGRAPHIC AREA On Site Along 12th Street		
DRILL BIT DIAMETER/TYPE 6.25-in. / Auger	BOREHOLE DIAMETER 10-inches	DRILLING EQUIPMENT/METHOD CME-75 / HSA		
CASING MAT./DIA. SCH 40 PVC / 4-inch	SCREEN: TYPE Slotted	SAMPLING METHOD 2" Split Spoon		
ELEVATION OF: (FT.) GROUND SURFACE		START-FINISH DATE 5/6/02-5/7/02		
TOP OF WELL CASING		MAT. SCH 40 PVC TOTAL LENGTH 25.0 DIA. 4-inch		
TOP & BOTTOM SCREEN		SLOT SIZE 20-Slot		
/ GW SURFACE		GRAVEL PACK #2		
Depth, feet	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
0	6-inch Locking Steel Protective Stand Pipe			
5	4-inch Locking Test Well Plug	Brown fine to coarse SAND, trace silt, trace gravel, trace brick; moist (fill)	94.3	Odor
5	Graphic Log	Black fine SAND, some Silt; wet (fill)	199	Odor
10	CEMENT	Brown to black fine SAND, some Silt, trace Clay, trace Coal, trace Shells, trace Gravel; wet (fill)	8.7	Odor, trace free product
10	4-inch PVC Well Casing	Black fine SAND, little silt; wet(fill)	35.0	Odor, trace free product, sheen
15	Cement/Bentonite Grout	Brown to black fine to coarse SAND, little Silt, trace Gravel; wet (fill)	51.2	
15	Bentonite Chips	Brown to black fine SAND, little Silt, trace Wood; wet (fill)	109	Odor
20		Brown to black fine to medium SAND, little Silt; wet (fill)	22.9	Odor
20		Grey-brown fine SAND, some Silt; wet (fill)	5.0	
25	20-Slot PVC Well Screen	Brown fine to coarse SAND; wet (fill)	>2000	Thickness of peat interval interpreted from previous Site investigation
25	#2 Sand	Green-grey CLAY and PEAT; moist	111	Odor, trace free product
30		Grey to black fine to coarse SAND, little Silt, trace Gravel; wet	>2000	
30		Grey to black fine to coarse SAND, little Silt, trace Gravel; wet	35	
35		Grey-brown fine to coarse SAND, little Silt, trace Gravel; wet	>2000	Odor, trace free product
35		Grey-brown fine to coarse SAND, little Silt, trace Gravel; wet	40	
40		Brown fine SAND, little Silt, trace coarse Sand; wet	1785	Odor, trace free product
45		Brown to light brown fine SAND, some Silt; wet	708	Odor, free Product
50	5-foot PVC Sump			
50	Push on PVC Well Cap			
				Bottom of well 50 feet below land surface

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING
RW-37		
PROJECT NO./NAME	LOCATION	
92401Y03 / FC Gowanus former MGP Site	124-136 2nd Avenue	
APPROVED BY	LOGGED BY	Brooklyn, New York
G. Tyers	D. Moss	
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA	
Aquifer Drilling & Testing, Inc. / L. Adams	On Site Along 12th Street	
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD
6.25-in. / Auger	10-Inches	CME-75 / HSA
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon
ELEVATION OF:	MAT. GROUND SURFACE	TOTAL LENGTH 25.0
(FT.)	TOP OF WELL CASING	DIA. 4-inch
	TOP & BOTTOM SCREEN	GW SURFACE
	/	#2
Depth, feet	Graphic Log	SLOT SIZE 20-Slot
6-inch Locking Steel Protective Stand Pipe		GRAVEL PACK
CEMENT		
4-Inch Locking Test Well Plug		
Brown fine to coarse SAND, trace Gravel, trace Silt, trace Brick; moist to wet (fill)		
5		
Cement/Bentonite Grout		
10		
4-inch PVC Well Casing		
Brown to black fine to medium SAND, little Silt, trace Gravel, trace Coal; wet (fill)	1271	Odor
Brown-green to black fine SAND, little Silt, trace Gravel, trace Wood; wet (fill)	1197	Odor
15		
Bentonite Chips		
Brown fine to medium SAND, trace Gravel, trace Silt; wet (fill)	380	
Brown-green fine SAND, some Silt; wet (fill)	158	
Green-grey CLAY and PEAT; moist	252	Thickness of peat interval interpreted from previous Site investigation
20		
25-Slot PVC Well Screen #2 Sand		
Brown fine SAND, little Silt, trace coarse SAND, trace Gravel; wet	207	Odor
Brown fine SAND, little Silt, trace coarse SAND; wet	664	Odor
30		
Formation Collapse		
Brown fine SAND, little Silt, trace coarse SAND; wet	775	Odor
Brown fine SAND, little Silt; wet	1345	Odor
35		
5-foot PVC Sump		
Brown fine SAND, little Silt; wet	1489	Odor, trace free product
40		
Push on PVC Well Cap		
Brown fine SAND, little Silt; wet	1183	Odor, trace free product
45		
Bottom of well at 50 ft bbls		
50		

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING			
RW-38					
PROJECT NO./NAME	LOGGED BY	LOCATION			
92401Y03 / FC Gowanus former MGP Site	G. Tyers	124-136 2nd Avenue Brooklyn, New York			
APPROVED BY	D. Moss	GEOGRAPHIC AREA			
DRILLING CONTRACTOR/DRILLER	Aquifer Drilling & Testing, Inc. / L. Adams	On Site Along 12th Street			
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE	
6.25-in. / Auger	10-inches	CME-75 / HSA	2" Split Spoon	5/10/02-5/10/02	
CASING MAT./DIA.	SCREEN:				
SCH 40 PVC / 4-inch	TYPE Slotted	MAT. SCH 40 PVC	TOTAL LENGTH 25.0	DIA. 4-inch	SLOT SIZE 20-Slot
ELEVATION OF: (FT.)	GROUND SURFACE	TOP OF WELL CASING	TOP & BOTTOM SCREEN	GW SURFACE	GRAVEL PACK #2
6-inch Locking Steel Protective Stand Pipe	4-Inch Locking Test Well Plug	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)
Depth, feet	CEMENT				REMARKS
5			Brown fine to coarse SAND, trace Gravel, trace Silt, trace Brick; moist (fill)		
10	Cement/ Bentonite Grout		Brown fine to coarse SAND, little Silt, trace Gravel; moist (fill)	35.4	Odor
	4-inch PVC Well Casing		Brown fine to coarse SAND, little Silt, trace Gravel; moist (fill)	867	Odor
15	Bentonite Chips		Brown fine SAND, little Silt, trace coarse Sand; wet (fill)	>2000	Odor
			Brown fine SAND, little Silt, trace coarse Sand; wet (fill)	6.9	
			Green-gray CLAY and PEAT; moist		
20			Gray-brown fine to coarse SAND, little Silt, trace Gravel; wet	96.6	Thickness of peat interval Interpreted from previous Site Investigation
25			Gray-brown fine to coarse SAND, little Silt, trace Gravel; wet	381	Odor
30	20-Slot PVC Well Screen		Gray-brown fine to coarse SAND, little Silt, trace Gravel; wet	874	Odor
35	#2 Sand		Gray-brown fine to medium SAND, little Silt; wet	1341	Odor
40			Brown fine SAND, some Silt; wet	1033	Odor, trace free product
45			Gray-brown fine to medium SAND, little Silt; wet	1271	Odor, trace free product
50	5-foot PVC Sump	Push on PVC Well Cap			Bottom of well 50 feet below land surface

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Page 1 of 1

**WELL CONSTRUCTION LOG**

WELL NO.	NORTHING	EASTING	
RW-39			
PROJECT NO./NAME	LOCATION		
92401Y03 / FC Gowanus former MGP Site	124-136 2nd Avenue		
APPROVED BY	LOGGED BY		
G. Tyers	R. Kovacks	Brooklyn, New York	
DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA		
Aquifer Drilling & Testing, Inc. / L. Adams	On Site Along 12th Street		
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	
6.25-in. / Auger	10-inches	CME-75 / HSA	
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD	
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon	
ELEVATION OF:	GROUND SURFACE	TOTAL LENGTH 25.0	
(FT.)	TOP OF WELL CASING	DIA. 4-inch	
	TOP & BOTTOM SCREEN	SLOT SIZE 20-Slot	
	GW SURFACE	GRAVEL PACK	
		#2	
Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
Brown coarse to fine SAND, trace Gravel, trace Silt, trace Brick, trace Cobbles; moist (fill)			
Brown medium to fine SAND, trace Silt, trace Gravel; moist (fill)	19.9	Slight odor	5
Brown to reddish brown fine SAND, some Silt; moist (III)	762	Slight odor	10
Brown to reddish brown fine SAND, some Silt; wet (fill)	659	Odor	15
Brown to reddish brown fine SAND, some Silt, trace coarse SAND; wet (fill) Peat		Odor	
Gray to brown medium SAND, some Silt; wet		Thickness of peat interval interpreted from previous Site investigation Odor	20
Gray-brown fine SAND, some Silt; wet	129	Odor	25
Gray-brown fine SAND, some Silt; wet	421	Odor	30
Gray-brown fine SAND, some Silt; wet	>2000	Odor	35
Gray-brown fine SAND, some Silt; wet	1200	Odor, trace free product	40
Gray-brown fine SAND, trace Silt, trace Gravel; wet	1421	Trace free product	45
		Bottom of well 50 feet below land surface	50

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO.	NORTHING	EASTING				
RW-40						
PROJECT NO./NAME		LOCATION				
92401Y03 / FC Gowanus former MGP Site		124-136 2nd Avenue				
APPROVED BY	LOGGED BY	Brooklyn, New York				
G. Tyers	D. Moss					
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA				
Aquifer Drilling & Testing, Inc. / L. Adams		On Site Along 12th Street				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD				
6.25-in. / Auger	10-Inches	CME-75 / HSA				
CASING MAT./DIA.	SCREEN:	SAMPLING METHOD				
SCH 40 PVC / 4-inch	TYPE Slotted	2" Split Spoon				
ELEVATION OF:	GROUND SURFACE	TOTAL LENGTH 25.0				
(FT.)		DIA. 4-inch				
		GW SURFACE				
		#2				
		SLOT SIZE 20-Slot				
Depth, feet	CEMENT	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5	Cement/ Bentonite Grout		Brown to black stained fine to medium SAND, little Silt, trace coarse SAND, trace Gravel; wet (fill)	17.1		Odor
10	4-inch PVC Well Casing		Gray-brown fine SAND, some Silt; wet (fill)	10.1		Odor
15	Bentonite Chips		Brown fine to medium SAND, little Silt; wet (fill)	22.8		Odor
			Brown fine to coarse SAND, little Silt; wet (fill)	21.3		Odor
			Green-gray CLAY and PEAT; moist			
20			Gray-brown fine to medium SAND, little Silt; wet	29.2		Thickness of peat interval interpreted from previous Site investigation Odor
25			Gray-brown fine SAND, some Silt; wet	35.1		
30	20-Slot PVC Well Screen		Grey-brown fine SAND, some Silt; wet	65.2		Odor
35	#2 Sand		Grey-brown fine SAND, some Silt; wet	149		Odor
40			Grey-brown fine SAND, some Silt; wet	78.1		Odor, trace free product
45			Brown fine SAND, little Silt; wet	522		Odor, trace free product
50	5-foot PVC Sump					Bottom of well 50 feet below land surface
	Push on PVC Well Cap					

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO. <b>RW-41</b>	NORTHING	EASTING					
PROJECT NO./NAME <b>92401Y03 / FC Gowanus former MGP Site</b>	LOGGED BY <b>G. Tyers</b>	LOCATION <b>124-136 2nd Avenue</b> <b>Brooklyn, New York</b>					
APPROVED BY <b>G. Tyers</b>	DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / L. Adams</b>	GEOGRAPHIC AREA <b>Off Site 12th Street Sidewalk</b>					
DRILL BIT DIAMETER/TYPE <b>6.25-in. / Auger</b>	BOREHOLE DIAMETER <b>10-inches</b>	DRILLING EQUIPMENT/METHOD <b>CME-75 / HSA</b>	SAMPLING METHOD <b>2" Split Spoon</b>	START-FINISH DATE <b>5/16/02-5/16/02</b>			
CASING MAT./DIA. <b>SCH 40 PVC / 4-inch</b>	SCREEN: <b>Type Slotted</b>	MAT. <b>SCH 40 PVC</b> TOTAL LENGTH <b>25.0</b>	DIA. <b>4-inch</b>	SLOT SIZE <b>20-Slot</b>			
ELEVATION OF: (FT.)	GROUND SURFACE	TOP OF WELL CASING	TOP & BOTTOM SCREEN	GW SURFACE			
			/	GRAVEL PACK <b>#2</b>			
Depth feet	6-Inch Locking Steel Protective Stand Pipe	4-Inch Locking Test Well Plug	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5			CEMENT	Brown to black stained fine to medium SAND, little Silt, trace coarse SAND, trace Gravel; wet (fill)			
10			Cement/ Bentonite Grout	Brown fine to coarse SAND, trace Silt, trace Gravel; wet (fill)	166	Odor	5
15			4-inch PVC Well Casing	Brown fine to coarse SAND, trace Silt, trace Gravel; wet (fill)	1526	Odor	10
15			Bentonite Chips	Brown fine to coarse SAND, trace Silt; wet (fill)	713	Odor	15
20				Green-gray CLAY and PEAT; moist			Thickness of peat interval Interpreted from previous Site Investigation
25				Brown fine SAND, little Silt, trace coarse Sand; wet	23.5	Odor	20
30			20-Slot PVC Well Screen	Brown to black fine SAND, little Silt, trace coarse Sand; wet	1029	Odor	25
35			#2 Sand	Brown fine SAND, little Silt, trace coarse Sand; wet	1785	Odor, trace free product	30
40				Brown fine SAND, little Silt, trace coarse Sand; wet	>2000	Odor, trace free product	35
45				Brown fine to medium SAND, little Silt; wet	1527	Odor, trace free product	40
50			5-foot PVC Sump	Brown fine to medium SAND, little Silt; wet	>2000	Odor, trace free product	45
			Push on PVC Well Cap				Bottom of well 50 feet below land surface

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Page 1 of 1

**WELL CONSTRUCTION LOG**

WELL NO. <b>RW-42</b>	NORTHING	EASTING			
PROJECT NO./NAME <b>92401Y03 / FC Gowanus former MGP Site</b>		LOCATION <b>124-136 2nd Avenue</b>			
APPROVED BY <b>G. Tyers</b>	LOGGED BY <b>D. Moss</b>	Brooklyn, New York			
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / L. Adams</b>	BOREHOLE DIAMETER <b>6.25-in. / Auger</b>	GEOGRAPHIC AREA <b>Off Site 12th Street Sidewalk</b>			
CASING MAT./DIA. <b>SCH 40 PVC / 4-inch</b>	SCREEN: <b>TYPE Slotted</b>	DRILLING EQUIPMENT/METHOD <b>CME-75 / HSA</b>	SAMPLING METHOD <b>2" Split Spoon</b>	START-FINISH DATE <b>5/17/02-5/17/02</b>	
ELEVATION OF: (FT.)	GROUND SURFACE	TOP OF WELL CASING	TOP & BOTTOM SCREEN	DIA. 4-inch GW SURFACE	SLOT SIZE 20-Slot GRAVEL PACK #2
6-inch Locking Steel Protective Stand Pipe	4-inch Locking Test Well Plug	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)
Depth, feet	CEMENT				REMARKS
5	Cement/ Bentonite Grout		Brown to black stained fine to medium SAND; little Silt, trace coarse SAND, trace Gravel; wet (fill)		
10	4-inch PVC Well Casing		Brown to black fine to medium SAND, trace Gravel, trace Silt, trace Coarse Sand; wet (fill)	>2000	Odor
15	Bentonite Chips		PEAT; moist		Thickness of peat interval interpreted from previous Site 15 investigation
20			Brown fine to coarse SAND, trace Silt, trace Gravel; wet	>2000	
25			Gray-brown fine to medium SAND, little Silt, trace coarse Sand; wet	>2000	Odor
30	20-Slot PVC Well Screen		Gray-brown fine to medium SAND, little Silt, trace coarse Sand; wet	520	Odor
35			Gray-brown fine to medium SAND, little Silt, trace coarse Sand; wet	54.9	Odor, free product
40	#2 Sand		Gray-brown fine SAND, little Silt, trace coarse Sand; wet	280	Odor, free product
45			Gray-brown fine to coarse SAND, little Silt; wet	>2000	Odor, free product
50	5-foot PVC Sump		Gray-brown fine to coarse SAND, little Silt; wet	>2000	Odor, free product
	Push on PVC Well Cap				Bottom of well 50 feet below land surface

BORING WELL RECOVE-1 GPJ ROUX GDT 6/11/02

Page 1 of 1

**WELL CONSTRUCTION LOG**

WELL NO.	NORTHING	EASTING
RW-43		
PROJECT NO./NAME <b>92401Y03 / FC Gowanus former MGP Site</b>	LOGGED BY <b>G. Tyers</b>	LOCATION <b>124-136 2nd Avenue Brooklyn, New York</b>
APPROVED BY <b>G. Tyers</b>	M. Kroll	GEOGRAPHIC AREA <b>Off Site 12th Street Sidewalk</b>
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / L. Adams</b>	BOREHOLE DIAMETER <b>10-inches</b>	DRILLING EQUIPMENT/METHOD <b>CME-75 / HSA</b>
DRILL BIT DIAMETER/TYPE <b>6.25-in. / Auger</b>	SAMPLING METHOD <b>2" Split Spoon</b>	START-FINISH DATE <b>5/20/02-5/20/02</b>
CASING MAT./DIA. <b>SCH 40 PVC / 4-inch</b>	SCREEN: <b>TYPE Slotted</b>	DIA. <b>4-inch</b> SLOT SIZE <b>20-Slot</b>
ELEVATION OF: (FT.)	GROUND SURFACE	GW SURFACE
	TOP OF WELL CASING	GRAVEL PACK
	TOP & BOTTOM SCREEN	#2
6-inch Locking Steel Protective Stand Pipe	Graphic Log	
Depth, feet	CEMENT	
5	4-Inch Locking Test Well Plug	
10	Cement/ Bentonite Grout	Brown to black stained fine to medium SAND, little Silt, trace coarse SAND, trace Gravel; wet (fill)
15	4-inch PVC Well Casing	Grey to light brown fine to medium SAND, some Silt, little Clay; wet
20	Bentonite Chips	PEAT
25		Brown fine to coarse SAND, some Silt; wet
30	20-Slot PVC Well Screen	Brown fine to medium Sand and Silt, some Clay, trace Gravel; wet
35	#2 Sand	Brown fine to medium Sand and Silt, some Clay, trace Gravel; moist
40		Brown fine to coarse SAND, some Silt and Clay; wet
45		Brown fine to coarse SAND, some Silt and Clay; wet
50	5-foot PVC Sump	Brown fine to coarse SAND, some Silt and Clay; wet
	Push on PVC Well Cap	Bottom of well 50 feet below land surface

Page 1 of 1

**WELL CONSTRUCTION LOG**

WELL NO. <b>RW-44</b>	NORTHING	EASTING				
PROJECT NO./NAME <b>92401Y03 / FC Gowanus former MGP Site</b>		LOCATION <b>124-136 2nd Avenue</b>				
APPROVED BY <b>G. Tyers</b>	LOGGED BY <b>D. Moss</b>	<b>Brooklyn, New York</b>				
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / L. Adams</b>	BOREHOLE DIAMETER <b>6.25-in. / Auger</b>	GEOGRAPHIC AREA <b>Off Site 12th Street Sidewalk</b>				
DRILL BIT DIAMETER/TYPE <b>SCH 40 PVC / 4-inch</b>	TOTAL LENGTH <b>25.0</b>	SAMPLING METHOD <b>2" Split Spoon</b>				
CASING MAT./DIA. <b>SCH 40 PVC / 4-inch</b>	SCREEN: <b>TYPE Slotted</b>	START-FINISH DATE <b>5/21/02-5/21/02</b>				
ELEVATION OF: <b>GROUND SURFACE</b>		MAT. <b>SCH 40 PVC</b>				
(FT.)	TOP OF WELL CASING	TOP & BOTTOM SCREEN				
		DIA. <b>4-inch</b>				
		SLOT SIZE <b>20-Slot</b>				
		GW SURFACE				
		GRAVEL PACK				
		<b>#2</b>				
6-inch Locking Steel Protective Stand Pipe	4-inch Locking Test Well Plug	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
Depth, feet	CEMENT					
5	Cement/ Bentonite Grout		Brown fine to coarse SAND, trace Silt and Gravel; wet (fill)		32.7	
10	4-inch PVC Well Casing				0.0	
15	Bentonite Chips		Brown gray fine to medium SAND, little Silt; wet		3.7	
20			Brown PEAT and green-gray Clay		41.7	
25			Brown fine SAND, some Silt, trace coarse Sand and Gravel; wet		45.3	Organic odor
30	20-Slot PVC Well Screen		Brown fine SAND, some Silt; wet		77.2	
35	#2 Sand		Brown fine SAND, little silt, trace coarse Sand; wet		137	Odor
40			Brown fine SAND, some Silt; wet		87.6	Odor
45			Brown fine SAND, some Silt; wet			
50	5-foot PVC Sump					
	Push on PVC Well Cap					
BORING WELL RECOVE-1.GPJ ROUX.GDT 6/1/02						
Bottom of well 50 feet below land surface						

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Page 1 of 1

**WELL CONSTRUCTION LOG**

WELL NO. <b>RW-1S</b>	NORTHING	EASTING					
PROJECT NO./NAME <b>92401Y03 / FC Gowanus former MGP Site</b>	LOGGED BY <b>G. Tyers</b>	LOCATION <b>124-136 2nd Avenue Brooklyn, New York</b>					
APPROVED BY <b>D. Moss</b>	DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / L. Adams</b>	GEOGRAPHIC AREA <b>Off Site 12th Street Sidewalk</b>					
DRILL BIT DIAMETER/TYPE <b>6.25-in. / Auger</b>	BOREHOLE DIAMETER <b>10-inches</b>	DRILLING EQUIPMENT/METHOD <b>CME-75 / HSA</b>	SAMPLING METHOD <b>2" Split Spoon</b>	START-FINISH DATE <b>4/22/02-4/22/02</b>			
CASING MAT./DIA. <b>SCH 40 PVC / 4-inch</b>	SCREEN: <b>TYPE Slotted</b>	MAT. <b>SCH 40 PVC</b>	TOTAL LENGTH <b>10.0</b>	DIA. <b>4-inch</b>	SLOT SIZE <b>20-Slot</b>		
ELEVATION OF: (FT.)	GROUND SURFACE	TOP OF WELL CASING	TOP & BOTTOM SCREEN	GW SURFACE	GRAVEL PACK <b>#2</b>		
Depth, feet	Flush Mount Manhole Cover	4-inch Locking Test Well Plug	Graphic Log	Visual Description	Bflow Counts per 6"	PID Values (ppm)	REMARKS
5				Concrete Brown fine to coarse SAND, little Silt, trace Gravel, trace Concrete; dry to wet at 3 feet (fill)			
10				Brown fine to coarse SAND, little Silt, trace Gravel; wet (fill)		12.1	Odor
15				Brown fine to coarse SAND, little Silt, trace Gravel; wet (fill)		23.8	Odor
				PEAT and green-grey CLAY; moist			
							Bottom of well at 16 feet below land surface

BORING WELL RECOVE-1.GPJ ROUXGDT 6/11/02



**ROUX ASSOCIATES, INC.**  
*Environmental Consulting  
& Management*

1377 Motor Parkway  
Islandia, NY 11749  
Telephone: 631-232-2600  
Fax: 631-232-9898

Page 1 of 1

## WELL CONSTRUCTION LOG

WELL NO. <b>RW-2S</b>	NORTHING	EASTING																																												
PROJECT NO./NAME <b>92401Y03 / FC Gowanus former MGP Site</b>		LOCATION <b>124-136 2nd Avenue</b>																																												
APPROVED BY <b>G. Tyers</b>	LOGGED BY <b>D. Moss</b>	<b>Brooklyn, New York</b>																																												
DRILLING CONTRACTOR/DRILLER <b>Aquifer Drilling &amp; Testing, Inc. / L. Adams</b>		<b>GEOGRAPHIC AREA</b> <b>Off Site 12th Street Sidewalk</b>																																												
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