

**SUPPLEMENTAL REMEDIAL INVESTIGATION WORK PLAN
FORMER CHARLTON CLEANERS FACILITY
FOREST AVENUE SHOPPERS TOWN
STATEN ISLAND, NEW YORK
VCP SITE ID NO. W3-0891-01-06**

**APPENDIX IV
WELL CONSTRUCTION
TABLE AND FIGURES**

TABLE 1

**FORMER CHARLTON CLEANER FACILITY
VOLUNTARY CLEANUP PROGRAM INDEX # W3-0891-01-06
FOREST AVENUE SHOPPERS TOWN
24 BARRETT AVENUE
STATEN ISLAND, NEW YORK**

MONITOR WELLS
Water Level Measurements
April 14, 2008

Well ID	Total Depth (feet)	Screen		TOC ¹⁾ Elevation (ft msl) ²⁾	Depth to Water (ft btoc) ³⁾	Corrected Ground Water Elevation (ft msl)
		Diameter (inch)	Setting (ft bg)			
MW-1	11.58	2.00	5.00 to 20.00	100.36	well destroyed	---
MW-2A	12.65	2.00	5.00 to 20.00	100.10	5.93	94.17
MW-2B	52.10	2.00	40.00 to 50.00	100.05	6.23	93.82
MW-3	15.34	2.00	5.00 to 20.00	100.64	6.93	93.71
MW-4	13.04	2.00	5.00 to 20.00	100.83	7.10	93.73
MW-5A	17.88	2.00	5.00 to 20.00	100.26	6.55	93.71
MW-5B	49.40	2.00	40.00 to 50.00	100.12	6.60	93.52
MW-5C	71.85	2.00	60.00 to 70.00	99.90	6.31	93.59
MW-5D	91.72	2.00	80.00 to 90.00	100.08	6.40	93.68
MW-6A	13.38	2.00	5.00 to 20.00	100.02	6.49	93.53
MW-6B	49.74	2.00	40.00 to 50.00	99.94	6.4	93.54
MW-6C	71.25	2.00	60.00 to 70.00	99.99	6.59	93.40
MW-6D	90.38	2.00	80.00 to 90.00	100.11	6.70	93.41
MW-7A	17.74	2.00	5.00 to 20.00	99.82	6.40	93.42
MW-7B	49.18	2.00	40.00 to 50.00	99.85	6.35	93.50
MW-7C	71.74	2.00	60.00 to 70.00	99.86	6.37	93.49
MW-7D	91.95	2.00	80.00 to 90.00	100.00	6.45	93.55
MW-8A	17.90	2.00	5.00 to 20.00	100.29	6.72	93.57
MW-8B	49.21	2.00	40.00 to 50.00	100.70	7.06	93.64
MW-8C	72.11	2.00	60.00 to 70.00	100.58	6.90	93.68
MW-8D	92.40	2.00	80.00 to 90.00	100.50	6.89	93.61
MW-9A	14.69	2.00	5.00 to 20.00	100.63	6.51	94.12
MW-9B	51.67	2.00	40.00 to 50.00	100.76	7.06	93.70
MW-9C	71.80	2.00	60.00 to 70.00	100.34	6.78	93.56
MW-9D	88.86	2.00	80.00 to 90.00	100.85	7.16	93.69
MW-10A	22.00	2.00	5.00 to 20.00	104.24	11.29	92.95
MW-10B	51.76	2.00	40.00 to 50.00	103.71	10.38	93.33
MW-10C	72.28	2.00	60.00 to 70.00	103.78	10.42	93.36
MW-10D	92.10	2.00	80.00 to 90.00	103.60	10.25	93.35
MW-11C	72.00	2.00	60.00 to 70.00	99.55	6.12	93.43
MW-11D	92.20	2.00	80.00 to 90.00	99.30	5.85	93.45
MW-12C	71.00	2.00	60.00 to 70.00	99.91	6.36	93.55
MW-12D	92.50	2.00	80.00 to 90.00	99.95	6.59	93.36
MW-13A	22.34	2.00	5.00 to 20.00	106.47	NM	---
MW-13B	51.60	2.00	40.00 to 50.00	106.83	NM	---
GESMW-4	12.00	2.00	NR	101.27	5.65	95.62

1) - Top of Casing

2) - Feet above mean sea level

3) - Feet below top of casing

4) - separate-phase hydrocarbon detected as a film

NR - Not Recorded

NM - Not Measured

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November 8, 2000
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GEOLOGIC LOG		OWNER: Phillips Forest Associates, L.P.	
LEGGETTE, BRASHEARS & GRAHAM, INC.		WELL NO.: MW-5D	
WHITE PLAINS, NEW YORK		PAGE: 1 OF 1 PAGES	
SITE LOCATION: Forest Avenue Shoppers Town, Former Charlton Cleaners Facility		SCREEN SIZE & TYPE: 2-inch PVC SLOT NO.: 0.020 SETTING: 40-50 feet	
DATE COMPLETED: October 26, 2000		SAND PACK SIZE & TYPE:	
DRILLING COMPANY: ADT, Albany, NY		SETTING: 37-50 feet	
DRILLING METHOD: Hollow-stem auger		CASING SIZE & TYPE: 2-inch PVC SETTING: 0-40 feet	
SAMPLING METHOD: Split spoon		SEAL TYPE: Bentonite chips	
OBSERVER: Aimee Petras		SETTING: 34-37 feet	
REFERENCE POINT (RP):		BACKFILL TYPE: Cuttings	
ELEVATION OF RP:		STATIC WATER LEVEL: -10 ft bg	
STICK-UP:		DEVELOPMENT METHOD:	
SURFACE COMPLETION: Road box in 2' by 2' concrete pad		DURATION: YIELD:	
REMARKS: Total depth: 49.55.			
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube			
REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID ^{1/} READING	DESCRIPTION
FROM	TO					
25	27	SS	13-18-16-41	0.85	0.7	SAND, medium to fine, some silt, reddish brown, trace gravel, saturated.
30	32	SS	14-33-43-48	1.20	2.0	Silt, reddish brown, trace sand, fine, some gravel, poorly sorted, moist.
35	37	SS	17-44-50 (5")	1.0	226	0-0.3: Silt, reddish brown, trace sand, fine, some gravel, poorly sorted, moist. 0.3-1.0: SAND, fine to coarse, reddish brown, trace silt, trace gravel, saturated.
40	42	SS	22-13-29-33	1.5	61	Sand, fine to coarse, reddish brown, trace silt, trace gravel, fine, saturated. A 0.2 layer of silt, reddish brown, trace sand, fine, trace gravel, saturated, located between 0.7-0.9 in sample.
45	Heaving sands - no sample taken.					
50	52	SS	27-53-57-2	1.6	12	Sand, fine to coarse, reddish brown, trace silt, trace gravel, medium, saturated.

^{1/} Units are ppm calibration gas equivalent

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November 8, 2000
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GEOLOGIC LOG		OWNER: Phillips Forest Associates, L.P.	
LEGGETTE, BRASHEARS & GRAHAM, INC.		WELL NO.: MW-6D	
WHITE PLAINS, NEW YORK		PAGE: 1 OF 1 PAGES	
SITE LOCATION: Forest Avenue Shoppers Town, Former Charlton Cleaners Facility		SCREEN SIZE & TYPE: 2-inch PVC SLOT NO.: 0.020 SETTING: 40-50 feet	
DATE COMPLETED: October 27, 2000		SAND PACK SIZE & TYPE: #2 industrial quartz	
DRILLING COMPANY: ADT, Albany, NY		SETTING: 37.5-50 feet	
DRILLING METHOD: Hollow-stem		CASING SIZE & TYPE: 2-inch PVC	
SAMPLING METHOD: Split spoon		SETTING: 0-40 feet	
OBSERVER: Aimee Petras		SEAL TYPE: Bentonite chips	
REFERENCE POINT (RP):		SETTING: 34.5-37.5 feet	
ELEVATION OF RP:		BACKFILL TYPE: Cuttings	
STICK-UP:		STATIC WATER LEVEL:	
SURFACE COMPLETION: Road box in 2' by 2' concrete pad		DEVELOPMENT METHOD:	
DURATION:		YIELD:	
REMARKS:			
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube			
REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID ^{1/} READING	DESCRIPTION
FROM	TO					
5	7	SS	6-3-4-11	1.5	4.0	Silt, brown, trace sand, fine, trace gravel, moist.
10	12	SS	17-16-17-19	1.5	13.9	Silt, brown, trace sand, fine, trace gravel, poorly sorted, wet.
15	17	SS	26-14-27-30	1.2	17.3	SAND, medium to coarse and silt, brown, trace gravel, poorly sorted, saturated.
20	22	SS	14-17 50 (4")	0.7	104	Silt, reddish brown, trace sand, fine, trace gravel, saturated.
25	27	SS	37-50 (3")	0.25	7.0	Silt, reddish brown, and sand, fine, trace gravel, saturated.
30	32	SS	27-50 (4")	0.6	68	Silt, reddish brown, trace sand, trace gravel, saturated.
35	37	SS	16-6-24-50 (5")	2.0	224	Sand, medium to coarse, some silt, saturated.
40	42	SS	15-31-50 (5")	1.5	211	Sand, medium to coarse, some silt, saturated.
45	47	SS	17-47-50 (3")	1.2	113	Sand, medium to coarse, trace silt, trace gravel, fine, saturated.
50	52	SS	18-50-101	1.0	41	Sand, medium to coarse, trace silt, trace gravel, fine, saturated.
55	57	SS	18-78 (6")	2.0	9.9	SAND, fine to coarse, trace silt, brown, saturated.

^{1/} Units are ppm calibration gas equivalent

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GEOLOGIC LOG		OWNER: Phillips Forest Associates, L.P.	
LEGGETTE, BRASHEARS & GRAHAM, INC.		WELL NO.: MW-7S	
WHITE PLAINS, NEW YORK		PAGE: 1 OF 1 PAGES	
SITE LOCATION: Forest Avenue Shoppers Town, Former Charlton Cleaners Facility		SCREEN SIZE & TYPE: 2-inch PVC	
		SLOT NO.: 0.020 SETTING: 5-15 feet	
DATE COMPLETED: October 31, 2000		SAND PACK SIZE & TYPE: #2 industrial quartz	
DRILLING COMPANY: ADT, Albany, NY		SETTING: 3-15 feet	
		CASING SIZE & TYPE: 2-inch PVC	
DRILLING METHOD: Hollow-stem		SETTING: 0-5 feet	
SAMPLING METHOD:		SEAL TYPE: Bentonite chips	
OBSERVER: Aimee Petras		SETTING: 2-3 feet	
REFERENCE POINT (RP):		BACKFILL TYPE: Cuttings	
ELEVATION OF RP:		STATIC WATER LEVEL:	
STICK-UP:		DEVELOPMENT METHOD:	
SURFACE COMPLETION: Road box in 2' by 2' concrete pad		DURATION: YIELD:	
REMARKS: No samples taken.			
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelly tube			
REC = Recovery PPM = parts per million			

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1/ Units are ppm calibration gas equivalent

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GEOLOGIC LOG		OWNER: Phillips Forest Associates, L.P.	
LEGGETTE, BRASHEARS & GRAHAM, INC.		WELL NO.: MW-7D	
WHITE PLAINS, NEW YORK		PAGE: 1 OF 1 PAGES	
SITE LOCATION: Forest Avenue Shoppers Town, Former Charlton Cleaners Facility		SCREEN SIZE & TYPE: 2-inch PVC SLOT NO.: 0.020 SETTING: 40-50 feet	
DATE COMPLETED: October 31, 2000		SAND PACK SIZE & TYPE: #2 industrial quartz SETTING: 38-50 feet	
DRILLING COMPANY: ADT, Albany, NY		CASING SIZE & TYPE: 2-inch PVC SETTING: 0-40 feet	
DRILLING METHOD: Hollow-stem		SEAL TYPE: Bentonite chips SETTING: 35-38 feet	
SAMPLING METHOD: Split spoon		BACKFILL TYPE: Cuttings	
OBSERVER: Aimee Petras		STATIC WATER LEVEL: -7 ft bg	
REFERENCE POINT (RP):		DEVELOPMENT METHOD:	
ELEVATION OF RP:		DURATION: YIELD:	
STICK-UP:			
SURFACE COMPLETION: Road box in 2' by 2' concrete pad			
REMARKS: *Sample is probably sand remaining in augers, rock is at bottom of auger.			
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID ^{1/} READING	DESCRIPTION
FROM	TO					
5	7	SS	87-6-5	1.6	2.3	Silt, brown, trace sand.
10	12	SS	10-17-21-29	1.5	2.3	Silt, reddish brown, trace sand, trace gravel, saturated.
15	17	SS	50 (3")	0.0	-	No recovery.
20	22	SS	69-27-50	1.2	11.3	Silt, reddish brown, trace sand, trace gravel, wet.
25	27	SS	150 (0")	0.2	9.9	*Silt, reddish brown and sand, saturated.
30	32	SS	27-38-56-24	1.0	6.4	Silt, reddish brown, and sand, medium to coarse, trace gravel, saturated.
35	37	SS	27-39-50 (5")	1.7	4.3	Sand, fine to coarse, trace silt, trace gravel, saturated, reddish-brown.
40	42	SS	40-37-50 (6")	1.7	6.0	Sand, fine to coarse, trace silt, trace gravel, saturated.
45	47	SS	35-47-50 (4")	2.0	4.0	Sand, fine to coarse, trace silt, reddish brown, trace gravel, fine, saturated.
50	52	SS	16-37-80	1.5	4.1	Sand, fine to coarse, trace silt, reddish brown, trace gravel, saturated.

^{1/} Units are ppm calibration gas equivalent

GEOLOGIC LOG	OWNER: Phillips Forest Associates, L.P.
LEGGETTE, BRASHEARS & GRAHAM, INC.	WELL NO.: MW-8S
WHITE PLAINS, NEW YORK	PAGE: 1 OF 1 PAGES
SITE LOCATION: Forest Avenue Shoppers Town, Former Charlton Cleaners Facility	SCREEN SIZE & TYPE: 2-inch PVC SLOT NO.: 0.020 SETTING: 5-15 feet
DATE COMPLETED: November 1, 2000	SAND PACK SIZE & TYPE: #2 industrial SETTING: 3-5 feet
DRILLING COMPANY: ADT, Albany, NY	CASING SIZE & TYPE: 2-inch PVC SETTING: 0-5 feet
DRILLING METHOD: Hollow-stem	SEAL TYPE: Bentonite chips SETTING: 2-3 feet
SAMPLING METHOD: Split spoon	BACKFILL TYPE: Cuttings
OBSERVER: Aimee Petras	STATIC WATER LEVEL:
REFERENCE POINT (RP):	DEVELOPMENT METHOD:
ELEVATION OF RP:	DURATION: YIELD:
STICK-UP:	
SURFACE COMPLETION: Road box in 2' by 2' concrete pad	
REMARKS: No samples taken.	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million	

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1/ Units are ppm calibration gas equivalent

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GEOLOGIC LOG		OWNER: Phillips Forest Associates, L.P.	
LEGGETTE, BRASHEARS & GRAHAM, INC.		WELL NO.: MW-8D	
WHITE PLAINS, NEW YORK		PAGE: 1 OF 1 PAGES	
SITE LOCATION: Forest Avenue Shoppers Town, Former Charlton Cleaners Facility		SCREEN SIZE & TYPE: 2-inch PVC SLOT NO.: 0.020 SETTING: 40-50 feet	
DATE COMPLETED: November 1, 2000		SAND PACK SIZE & TYPE: #2 industrial quartz	
DRILLING COMPANY: ADT, Albany, NY		SETTING: 38-50 feet	
DRILLING METHOD: Hollow-stem		CASING SIZE & TYPE: 2-inch PVC	
SAMPLING METHOD: Split spoon		SETTING: 0-40 feet	
OBSERVER: Aimee Petras		SEAL TYPE: Bentonite chips	
REFERENCE POINT (RP):		SETTING: 35-38 feet	
ELEVATION OF RP:		BACKFILL TYPE: Cuttings	
STICK-UP:		STATIC WATER LEVEL:	
SURFACE COMPLETION: Road box in 2' by 2' concrete pad		DEVELOPMENT METHOD:	
DURATION:		YIELD:	
REMARKS:			
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube			
REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID ^{1/} READING	DESCRIPTION
FROM	TO					
5	10	SS	13-14-7-9	1.5	5.2	Silt, brown, trace organic material (grasses), moist.
10	12	SS	27-17-20-31	1.7	22.3	Silt, reddish brown, trace sand, trace gravel, poorly sorted.
15	17	SS	3-58-28-57	1.2	4.3	Silt, reddish brown, trace sand, fine, trace gravel, poorly sorted, saturated.
20	22	SS	7-22-31-40	1.8	6.4	Silt, reddish brown, trace sand, fine to medium, trace gravel, saturated.
25	27	SS	17-50 (5")	0.8	9.1	Silt, reddish brown, some sand, fine to medium, trace gravel, poorly sorted, saturated.
30	32	SS	100 (0")	-	-	No recovery, large rocks.
35	37	SS	17-7-21-36	1.3	19.8	Sand, medium to coarse, trace silt, trace very fine gravel, saturated, reddish brown.
40	42	SS	22-18-38-50	2.0	0.0	Sand, fine to medium, trace silt, reddish brown, saturated.
45	47	SS	70 (0")	-	-	No recovery.
50	52	SS	20-31-31-52	1.4	0.0	Sand, medium to coarse, trace silt, brown, saturated.

^{1/} Units are ppm calibration gas equivalent

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November 8, 2000
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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.
		WELL NO.: MW-2B
		PAGE: 1 OF 2 PAGE
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 40-50 ft bg
DATE COMPLETED: April 25, 2005		SAND PACK SIZE & TYPE: #2 filter
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Andre		SETTING:
DRILLING METHOD: Hollow-stem auger		CASING SIZE & TYPE: 2-inch diameter PVC SETTING: 2-40 and 50-52 ft bg
SAMPLING METHOD: Split spoon		SEAL TYPE: Bentonite
OBSERVER: Sean Groszkowski		SETTING:
REFERENCE POINT (RP): Grade		BACKFILL TYPE: Grout
ELEVATION OF RP:		STATIC WATER LEVEL:
STICK-UP:		DEVELOPMENT METHOD: Purge 5 volumes
SURFACE COMPLETION: Flush-mount manhole		DURATION: YIELD:
REMARKS: Sampled 0-5 at 1400 and 43-45 at 1405		
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C	---	---	10.6	SAND, fine to medium, some silt, brown, moist, no odor.
5	7	SS	2-2-5-10	0.75	1.6	SAND, fine, some silt, trace gravel, moist, no odor.
7	9	SS	7-11-13-7	1.75	1.1	SAND, fine and silt, trace clay and gravel, brown, moist, no odor.
9	11	SS	14-26-16-17	1.5	0.4	SILT and fine sand, trace clay and gravel, brown, wet, no odor.
11	13	SS	19-49-56-60	1.0	1.4	SILT, some very fine sand, trace gravel and clay, brown, wet, no odor.
13	15	SS	43-39-29-21	0.75	1.7	SILT and very fine sand, trace clay and gravel, brown, wet, no odor.
15	17	SS	12-22-29-30	1.0	0.3	SILT and very fine sand, trace clay and gravel, brown, wet, no odor.
17	19	SS	26-33-47-40	1.5	0.4	SILT and very fine sand, trace clay and gravel, brown, wet, no odor.
19	21	SS	26-23-30-32	1.0	0.5	SAND, fine, some silt and gravel, brown, wet, no odor.
21	23	SS	31-37-41-45	2.0	0.8	SAND, fine to medium, some silt, little cobble, brown, saturated, no odor.

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.
		WELL NO.: MW-5C
		PAGE: 1 OF 1 PAGE
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 70-60 ft bg
DATE COMPLETED: April 28, 2005		SAND PACK SIZE & TYPE: #2 filter
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Mike		SETTING: 72-58 ft bg
DRILLING METHOD: Hollow-stem auger		CASING SIZE & TYPE: 2-inch diameter PVC SETTING: 72-70 and 60-0 ft bg
SAMPLING METHOD: Split spoon		SEAL TYPE: Bentonite
OBSERVER: Sean Groszkowski		SETTING: 58-56 ft bg
REFERENCE POINT (RP): Grade		BACKFILL TYPE: Grout
ELEVATION OF RP:		STATIC WATER LEVEL: ~6.7 ft bg
STICK-UP:		DEVELOPMENT METHOD: Purge 5 volumes
SURFACE COMPLETION: Flush-mount manhole		DURATION: YIELD:
REMARKS:		
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	17	C	---	---	3.7	SILT and fine sand, some gravel, brown, wet at approximately 6-7 ft bg, no odor.
17	20	C	---	---	---	COBBLE, hard drilling.
20	72	C	---	---	~30	SILT AND SAND, fine to medium, some gravel, brown, saturated, no odor.
	72					End boring.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.
		WELL NO.: MW-5D
		PAGE: 1 OF 2 PAGE
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 90-80 ft bg
DATE COMPLETED: April 26 and 27, 2005		SAND PACK SIZE & TYPE: #2 filter
DRILLING COMPANY: Summit Drilling DRILLERS: Andre and Mike		SETTING: 92-78 ft bg
DRILLING METHOD: Hollow-stem auger		CASING SIZE & TYPE: 2-inch diameter PVC SETTING: 92-90 and 80-0 ft bg
SAMPLING METHOD: Split spoon		SEAL TYPE: Bentonite
OBSERVER: Sean Groszkowski		SETTING: 78-76 ft bg
REFERENCE POINT (RP): Grade		BACKFILL TYPE: Grout
ELEVATION OF RP:		STATIC WATER LEVEL: ~6-7 ft bg
STICK-UP:		DEVELOPMENT METHOD: Purge 5 volumes
SURFACE COMPLETION: Flush-mount manhole		DURATION: YIELD:
REMARKS: Sampled 0-5 at 0810 (April 26, 2005) and 38-40 at 1240 (April 26, 2005)		
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelly tube MC = Macrocore REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C	---	---	60.0	SAND, very fine and silt, some gravel, brown, moist to wet, slight odor.
5	7	SS	1-1-1-1	0.5	19.6	SILT, some very fine sand, little gravel, brown, wet, organic odor.
7	9	SS	1-2-7-9	0.75	3.6	SILT, some very fine sand, little gravel, brown, wet, organic odor.
9	11	SS	3-3-5-7	0.75	4.3	SILT, some very fine sand, little gravel, brown, wet, organic odor.
11	13	SS	5-7-8-8	2.0	9.0	SILT, some very fine sand, little gravel, brown, wet, organic odor.
13	15	SS	7-5-8-14	2.0	11.7	SAND, fine to medium, some silt, little gravel, brown, saturated, no odor.
15	17	SS	8-10-14-16	1.0	1.1	SILT, some fine sand and gravel, brown, wet, no odor.
17	19	SS	7-12-15-22	1.25	1.5	SILT, some fine sand and gravel, brown, wet, no odor.
19	21	SS	16-18-22-24	1.00	0.4	SILT, some gravel, trace fine sand, brown, wet, no odor.

OWNER: Kimco Realty Corp.

WELL NO.: MW-5D

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (ppm)	DESCRIPTION
FROM	TO					
21	23	SS	18-21-25-27	2.0	0.8	SAND, medium to coarse, some silt, little gravel, brown, wet, no odor.
23	25	SS	20-27-30-32	2.0	2.5	SAND, medium to coarse, some silt and gravel, brown, wet, no odor.
25	27	SS	20-26-30-33	2.0	0.8	SAND, medium to coarse, little silt and gravel, brown, wet, no odor.
27	29	SS	20-20-35-37	2.0	0.7	SAND, fine to coarse, some silt, trace gravel, brown, wet, no odor.
29	31	SS	28-28-30-37	2.0	1.0	SAND, fine to medium, some silt, trace gravel, brown, wet, no odor.
31	33	SS	28-36-34-42	2.0	2.1	SAND, fine to medium, some silt, trace gravel, brown, wet, no odor.
33	35	SS	30-33-36-40	2.0	1.6	SAND, fine to medium, some silt, trace gravel, brown, wet, no odor.
38	40	SS	30-30-30-30	1.75	19.7	SAND, fine to medium, trace silt and gravel, brown, wet, no odor.
43	45	SS	44-46-48-50	2.0	3.9	SAND, fine to medium, trace silt and gravel, brown, wet, no odor.
48	50	SS	38-42-47-53	2.0	2.6	SAND, fine to medium, trace silt and gravel, brown, wet, no odor.
53	55	SS	65-58-100	1.5	2.4	SAND, fine to medium, trace silt and gravel, brown, wet, no odor.
58	60	SS	63-78-100	1.25	1.9	SAND, fine to medium, trace silt and gravel, brown, wet, no odor.
63	65	SS	31-50-56-63	2.0	5.1	SAND, fine to medium, trace silt, brown, wet, no odor.
68	70	SS	29-43-49-54	2.0	2.3	SAND, medium to coarse, little fine sand, trace silt, brown, wet, no odor.
73	75	SS	38-47-52-56	2.0	1.1	SAND, fine to coarse, trace silt and gravel, brown, wet, no odor.
78	80	SS	46-54-59-64	2.0	0.7	SAND, fine to coarse, trace silt and gravel, brown, wet, no odor.
83	85	SS	42-53-60-63	2.0	0.5	SAND, fine to coarse, trace silt and gravel, brown, wet, no odor.
88	90	SS	51-64-69-60	2.0	0.3	SAND, medium to coarse, little gravel, trace silt and fine sand, brown, wet, no odor.
	92					End boring.

dmd

July 8, 2005

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.
		WELL NO.: MW-6C
		PAGE: 1 OF 1 PAGE
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 70-60 ft bg
DATE COMPLETED: May 18, 2005		SAND PACK SIZE & TYPE: #2 filter
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Andre		SETTING: 72-58 ft bg
		CASING SIZE & TYPE: 2-inch diameter PVC SETTING: 72-70 and 60-0 ft bg
DRILLING METHOD: Hollow-stem auger		
SAMPLING METHOD: Cuttings		SEAL TYPE: Bentonite
OBSERVER: Sean Groszkowski		SETTING: 58-56 ft bg
REFERENCE POINT (RP): Grade		BACKFILL TYPE: Grout
ELEVATION OF RP:		STATIC WATER LEVEL:
STICK-UP:		DEVELOPMENT METHOD: Purge 5 volumes
SURFACE COMPLETION: Flush-mount manhole		DURATION: YIELD:
REMARKS:		
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C	---	---	---	SILT, little very fine sand and gravel, dark brown, moist, slight odor.
5	11	C	---	---	---	SAND, fine and silt, some gravel, brown, moist to wet, slight odor.
11	12	C	---	---	---	Cobble layer
13	15	C	---	---	---	Cobble layer
18	20	C	---	---	---	Cobble layer.
20	72	C	---	---	---	SAND, fine to medium, some silt, little gravel, brown, no odor.
	72					End boring.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.
		WELL NO.: MW-6D
		PAGE: 1 OF 2 PAGE
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 90-80 ft bg
DATE COMPLETED: May 16, 17 and 18, 2005		SAND PACK SIZE & TYPE: #2 filter
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Andre		SETTING: 92-78 ft bg
DRILLING METHOD: Hollow-stem auger		CASING SIZE & TYPE: 2-inch diameter PVC SETTING: 92-90 and 80-0 ft bg
SAMPLING METHOD: Split spoon		SEAL TYPE: Bentonite
OBSERVER: Sean Groszkowski		SETTING: 78-76 ft bg
REFERENCE POINT (RP): Grade		BACKFILL TYPE: Grout
ELEVATION OF RP:		STATIC WATER LEVEL:
STICK-UP:		DEVELOPMENT METHOD: Purge 5 volumes
SURFACE COMPLETION: Flush-mount manhole		DURATION: YIELD:
REMARKS: Sampled 10-12 at 1300 and 15-17 at 1310		
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelly tube MC = Macrocore REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C	---	---	34.4	SILT, little very fine sand and gravel, dark brown, moist, slight odor.
5	7	SS	2-2-2-2	0.5	78.0	SAND, fine and silt, trace gravel, dark brown, moist, strong odor.
10	12	SS	7-9-7-11	0.5	895	SILT, some gravel and crushed rock, little fine sand, dark brown, moist, strong odor.
15	17	SS	8-8-12-12	0.5	3,255	SILT, some gravel, little fine sand, dark brown, wet, strong solvent odor.
20	22	SS	14-17-19-21	---	---	No recovery.
25	27	SS	41-42-35-36	1.75	215	SAND, fine to medium, some silt, little gravel, brown, wet, strong odor.
30	32	SS	19-22-22-25	2.0	138	SAND, fine to medium, little silt and gravel, brown, wet, strong odor.
35	37	SS	8-10-12-19	1.75	31.7	SAND, fine to medium, and silt, little gravel, brown, wet, slight odor.
40	42	SS	8-10-12-24	0.5	13.7	SAND, fine to medium, trace silt, brown, wet, no odor.
45	48	SS	13-18-21-25	1.25	11.8	SAND, fine to medium, trace silt, brown, wet, no odor.

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.	
		WELL NO.: MW-7C	
		PAGE: 1 OF 1 PAGE	

SITE LOCATION: Charlton Cleaners Staten Island, New York	SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 70-60 ft bg
DATE COMPLETED: May 9, 2005	SAND PACK SIZE & TYPE: #2 filter
DRILLING COMPANY: Summit Drilling DRILLERS: Andre and Mike	SETTING: 72-58 ft bg
DRILLING METHOD: Hollow-stem auger	CASING SIZE & TYPE: 2-inch diameter PVC SETTING: 72-70 and 60-0 ft bg
SAMPLING METHOD: Split spoon	SEAL TYPE: Bentonite
OBSERVER: Sean Groszkowski	SETTING: 58-56 ft bg
REFERENCE POINT (RP): Grade	BACKFILL TYPE: Grout
ELEVATION OF RP:	STATIC WATER LEVEL:
STICK-UP:	DEVELOPMENT METHOD: Purge 5 volumes
SURFACE COMPLETION: Flush-mount manhole	DURATION: YIELD:
REMARKS:	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C	---	---	6.7	SILT AND SAND, some gravel and cobble, brown, moist, no odor.
5	7		---	---	---	Cobble layer.
12	14		---	---	---	Cobble layer.
19	20		---	---	---	Cobble layer.
20	70	C	---	---	---	SAND, fine, some silt, little gravel and cobble, brown, wet, no odor.
	72					End boring.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.	
		WELL NO.: MW-7D	
		PAGE: 1 OF 1 PAGE	
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 90-80 ft bg	
DATE COMPLETED: May 6, 2005		SAND PACK SIZE & TYPE: #2 filter	
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Andre		SETTING: 92-78 ft bg	
		CASING SIZE & TYPE: 2-inch diameter PVC	
DRILLING METHOD: Hollow-stem auger		SETTING: 92-90 and 80-0 ft bg	
SAMPLING METHOD: Split spoon		SEAL TYPE: Bentonite	
OBSERVER: Sean Groszkowski		SETTING: 78-76 ft bg	
REFERENCE POINT (RP): Grade		BACKFILL TYPE: Grout	
ELEVATION OF RP:		STATIC WATER LEVEL:	
STICK-UP:		DEVELOPMENT METHOD: Purge 5 volumes	
SURFACE COMPLETION: Flush-mount manhole		DURATION: YIELD:	
REMARKS: Sampled 29-31 at 1410 and 33-35 at 1415			
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C	---	---	0.0	SILT, some very fine sand, trace gravel, brown, moist, no odor.
5	7	SS	1-1-1-1	0.5	2.3	SILT, little very fine sand, trace gravel and organics, brown, wet, no odor.
7	9	SS	9-9-7-9	1.0	1.1	SILT AND FINE SAND, trace gravel, brown, wet, no odor.
9	11	SS	7-8-7-8	1.25	8.0	FINE SAND, and silt, trace gravel, reddish-brown, wet, no odor.
11	13	SS	6-13-19-22	1.0	6.1	FINE SAND, and silt, trace gravel, reddish-brown, wet, no odor.
13	15	SS	16-24-26-20	0.0	---	No recovery - cobble in end of spoon.
15	17	SS	26-29-33-30	1.25	3.0	SAND, fine and silt, little gravel, reddish-brown, wet, no odor.
17	19	SS	24-34-100/3	1.0	6.8	SAND, fine and silt, little gravel, reddish-brown, wet, no odor.
19	21	SS	26-26-34-40	0.5	11.6	SAND, fine and silt, little gravel, reddish-brown, wet, no odor.

OWNER: Kimco Realty Corp.

WELL NO.: MW-7D

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (ppm)	DESCRIPTION
FROM	TO					
21	23	SS	31-40-46-47	1.0	4.3	SAND, fine, some silt, trace gravel, brown, wet, no odor.
23	25	SS	34-66-69-70	0.75	3.8	SAND, fine, some silt, trace gravel, brown, wet, no odor.
25	27	SS	12-23-44-47	0.75	7.1	SAND, fine to medium, some silt and gravel, brown, wet, no odor.
27	29	SS	46-57-60-40	1.25	4.5	SAND, fine to medium, some silt, trace gravel, brown, wet, no odor.
29	31	SS	19-21-23-27	1.0	13.1	SAND, fine to medium, little silt, trace gravel, brown, wet, no odor.
31	33	SS	20-19-23-22	2.0	6.3	SAND, fine to medium, trace silt, brown, wet, no odor.
33	35	SS	29-31-40-36	2.0	11.5	SAND, fine to medium, trace silt, brown, wet, no odor.
38	40	SS	26-29-38-42	2.0	3.1	SAND, fine to medium, trace silt, brown, wet, no odor.
43	45	SS	17-27-24-34	1.5	2.5	SAND, fine to coarse, trace silt, brown, wet, no odor.
48	50	SS	20-22-25-29	1.5	1.0	SAND, fine to medium, trace silt, brown, wet, no odor.
53	55	SS	19-23-26-33	1.75	0.1	SAND, fine to medium, trace silt, brown, wet, no odor.
58	60	SS	21-25-23-33	2.0	0.2	SAND, fine to medium, trace silt, brown, wet, no odor.
63	65	SS	23-29-39-30	2.0	0.1	SAND, fine to coarse, trace silt, brown, wet, no odor.
68	70	SS	21-20-26-29	2.0	0.0	SAND, fine to coarse, trace silt and gravel, brown, wet, no odor.
73	75	SS	19-23-27-30	2.0	0.2	SAND, fine to coarse, trace silt and gravel, brown, wet, no odor.
78	80	SS	17-27-25-37	2.0	0.0	SAND, fine to coarse, trace silt and gravel, brown, wet, no odor.
83	85	SS	23-26-39-44	2.0	0.0	SAND, fine to coarse, trace silt and gravel, brown, wet, no odor.
88	90	SS	21-28-33-43	2.0	0.0	SAND, fine to coarse, trace silt and gravel, brown, wet, no odor.
	92					End boring.

dmd

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.
		WELL NO.: MW-8C
		PAGE: 1 OF 1 PAGE
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 70-60
DATE COMPLETED: May 5, 2005		SAND PACK SIZE & TYPE: #2 filter
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Andre		SETTING: 72-58 ft bg
DRILLING METHOD: Hollow-stem auger		CASING SIZE & TYPE: 2-inch diameter PVC SETTING: 72-70 and 60-0 ft bg
SAMPLING METHOD: Cuttings		SEAL TYPE: Bentonite
OBSERVER: Sean Groszkowski		SETTING: 58-60 ft bg
REFERENCE POINT (RP): Grade		BACKFILL TYPE: Grout
ELEVATION OF RP:		STATIC WATER LEVEL:
STICK-UP:		DEVELOPMENT METHOD: Purge 5 volumes
SURFACE COMPLETION: Flush-mount manhole		DURATION: YIELD:
REMARKS:		
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	14	C	---	---	0.3-7.3	SILT and very fine sand, trace gravel, brown, moist to wet, no odor.
14	15					Cobble layer.
17	18					Cobble layer.
	72					End boring.

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.	
		WELL NO.: MW-8D	
		PAGE: 1 OF 2 PAGE	
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 90-80 ft bg	
DATE COMPLETED: May 3 and 4, 2005		SAND PACK SIZE & TYPE: #2 filter	
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Andre		SETTING: 92-78 ft bg	
		CASING SIZE & TYPE: 2-inch diameter PVC SETTING: 92-90 and 80-0 ft bg	
DRILLING METHOD: Hollow-stem auger			
SAMPLING METHOD: Split spoon		SEAL TYPE: Bentonite	
OBSERVER: Sean Groszkowski		SETTING: 78-76 ft bg	
REFERENCE POINT (RP): Grade		BACKFILL TYPE: Grout	
ELEVATION OF RP:		STATIC WATER LEVEL: ~ 5 ft bg	
STICK-UP:		DEVELOPMENT METHOD: Purge 5 volumes	
SURFACE COMPLETION: Flush-mount manhole		DURATION: YIELD:	
REMARKS: Samples 5-7 at 1000 and 7-9 at 1020			
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C	---	---	9.6	SAND, medium to coarse and silt, some gravel, brown, moist, no odor.
5	7	SS	2-2-5-5	1.5	17.4	SILT, some very fine sand, trace gravel, brown, moist, no odor.
7	9	SS	4-4-7-6	1.5	11.4	SILT, some clay and very fine sand, trace gravel, brown, wet, no odor.
9	11	SS	5-8-9-17	1.5	1.2	SILT AND SAND, very fine to medium, trace gravel, brown, moist, no odor.
11	13	SS	19-14-14-14	2.0	1.6	SAND, fine to medium, some silt, trace gravel, brown, moist, no odor.
13	15	SS	11-17-20-1	0.5	6.7	SILT and very fine sand, trace gravel, brown, moist, no odor.
15	17	SS	7-11-14-15	0.75	1.7	SILT, some fine sand and gravel, trace cobble, brown, wet, no odor.
17	19	SS	16-21-26-25	1.0	3.9	SAND, fine and silt, some gravel and cobble, brown, wet, no odor.
19	21	SS	+100	0	---	No recovery (cobble).

OWNER: Kimco Realty Corp.

WELL NO.: MW-8D

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DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (ppm)	DESCRIPTION
FROM	TO					
21	23	SS	53-39-31-30	2	3.4	SAND, fine to medium, some silt, little gravel and cobble, brown, wet, no odor.
23	25	SS	37-47-49-50	0.5	5.7	SAND, fine to medium, some silt, little gravel and cobble, brown, wet, no odor, (a cobble blocked recovery).
25	27	SS	41-47-57-60	2.0	0.8	SAND, fine to medium, some silt, little gravel and cobble, brown, wet, no odor.
27	29	SS	100/3"	1.5	1.5	SAND, fine to medium, some silt, little gravel and cobble, brown, wet, no odor.
29	31	SS	17-26-24-23	1.0	4.2	SAND, fine to medium, some silt, trace gravel, brown wet, no odor.
31	33	SS	16-21-21-24	1.25	1.7	SAND, fine to medium, some silt, little gravel and cobble, brown, wet, no odor.
33	35	SS	23-26-21-21	2.0	7.8	SAND, fine to medium, little silt, trace gravel, brown, wet, no odor.
38	40	SS	19-23-31-28	2.0	3.1	SAND, fine to medium, little silt, trace gravel, brown, wet, no odor.
43	45	SS	15-20-22-20	1.5	0.9	SAND, fine to medium, little silt, trace gravel, brown, wet, no odor.
48	50	SS	27-44-47-46	1.75	0.0	SAND, fine to medium, trace silt and gravel, brown, wet, no odor.
53	55	SS	18-23-26-31	2.0	0.0	SAND, fine to medium, trace silt and gravel, brown, wet, no odor.
58	60	SS	20-31-31-37	2.0	0.1	SAND, fine to medium, trace silt and gravel, brown, wet, no odor.
63	65	SS	23-31-38-46	2.0	0.0	SAND, fine to medium, trace silt and gravel, brown, wet, no odor.
68	70	SS	43-45-53-54	2.0	0.0	SAND, fine to coarse, trace silt and gravel, brown, wet, no odor.
73	75	SS	34-40-39-43	2.0	0.1	SAND, fine to coarse, trace silt and gravel, brown, wet, no odor.
78	80	SS	33-37-39-40	2.0	0.4	SAND, fine to coarse, trace silt and gravel, brown, wet, no odor.
83	85	SS	43-56-57-56	1.25	0.2	SAND, fine to coarse, trace silt and gravel, brown, wet, no odor.
88	90	SS	19-26-23-29	2.0	0.0	SAND, fine to coarse, little gravel, trace silt, brown, wet, no odor.
	92					End boring.

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.	
		WELL NO.: MW-9A	
		PAGE: 1 OF 1 PAGE	
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 5-20	
DATE COMPLETED: April 20, 2005		SAND PACK SIZE & TYPE: #2 filter	
DRILLING COMPANY: Summit Drilling Bridgewater, New Jersey		SETTING: 4-22	
		CASING SIZE & TYPE: 2-inch diameter PVC	
DRILLING METHOD: Hollow-stem auger		SETTING: 0-5, 20-22 (sump)	
SAMPLING METHOD: Split spoon		SEAL TYPE: Bentonite	
OBSERVER: Dave Morelli		SETTING: 2-4	
REFERENCE POINT (RP): Grade		BACKFILL TYPE: Grout	
ELEVATION OF RP:		STATIC WATER LEVEL:	
STICK-UP: -0.5 ft		DEVELOPMENT METHOD: Purge 5 volumes	
SURFACE COMPLETION: 8-inch round box in concrete pad		DURATION: YIELD:	
REMARKS: *Sample sent to lab			
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelly tube MC = Macrocore REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
*5	7	SS	5-5-6-5	1.3	2.7	SAND, fine to coarse, little silt, little gravel, dark brown to reddish-brown, moist.
10	12	SS	2-2-1-2	1.7	0.5	SAND, medium to coarse, little gravel, gray-brown, saturated. Ground water < 10 ft bg.
15	17	SS	5-20-10-12	1.1	1.6	SAND, fine with gravel, some silt, reddish-brown, moist.
20	22	SS	10-10-12-11	1.6	0.8	SAND, fine with gravel, some silt, reddish-brown, moist.
	22					End boring.

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.
		WELL NO.: MW-9B
		PAGE: 1 OF 1 PAGE
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 40-50
DATE COMPLETED: April 20, 2005		SAND PACK SIZE & TYPE: #2 filter
DRILLING COMPANY: Summit Drilling Bridgewater, New Jersey		SETTING: 39-52
DRILLING METHOD: Hollow-stem auger		CASING SIZE & TYPE: 2-inch diameter PVC SETTING: 0-40, 50-52 (sump)
SAMPLING METHOD: Split spoon		SEAL TYPE: Bentonite
OBSERVER: Dave Morelli		SETTING: 37-39
REFERENCE POINT (RP): Grade		BACKFILL TYPE: Grout
ELEVATION OF RP:		STATIC WATER LEVEL:
STICK-UP: -0.5 ft		DEVELOPMENT METHOD: Purge 5 volumes
SURFACE COMPLETION: 8-inch road box in concrete pad		DURATION: YIELD:
REMARKS: *Sample sent to lab		
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelly tube MC = Macrocore REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
*5	7	SS	2-5-7-10	0.2	7.9	SAND, medium with gravel, reddish-brown, moist.
10	12	SS	1-3-5-5	1.6	0.0	SAND, fine to coarse with gravel, little silt, gray-brown, saturated. Ground water < 10 ft bg.
15	17	SS	10-12-15-15	0.7	0.9	SAND, fine with gravel, some silt, reddish brown, moist to saturated.
20	22	SS	5-6-8-12	1.4	0.0	SAND, fine with gravel, some silt, reddish-brown, moist, tightly packed.
25	27	SS	26-37-50/1	1.0	0.0	SAND, fine with gravel, some silt, little coarse sand, reddish-brown, moist, tightly packed.
30	32	SS	32-50/1	0.7	0.0	SAND, fine to medium with gravel, some silt, reddish-brown, moist, tightly packed.
35	37	SS	5-5-2-2	1.8	0.0	SAND, medium to coarse, some gravel, brown, saturated.
40	42	SS	16-27-37-40	2.0	1.0	SAND, medium, some gravel, brown, saturated.
45	47	SS	35-35-40-42	1.8	0.0	SAND, medium, little gravel, brown, saturated.
	42					End boring.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.	
		WELL NO.: MW-9C	
		PAGE: 1 OF 2 PAGE	
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 60-70 ft bg	
DATE COMPLETED: April 21, 2005		SAND PACK SIZE & TYPE: #2 filter	
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Andre		SETTING: 70-72 and 0-60 ft bg	
		CASING SIZE & TYPE: 2-inch diameter PVC SETTING: 55-58 ft bg	
DRILLING METHOD: Hollow-stem auger			
SAMPLING METHOD: Split spoon		SEAL TYPE: Bentonite	
OBSERVER: Sean Groszkowski		SETTING:	
REFERENCE POINT (RP): Grade		BACKFILL TYPE: Grout	
ELEVATION OF RP:		STATIC WATER LEVEL:	
STICK-UP:		DEVELOPMENT METHOD: Purge 5 volumes	
SURFACE COMPLETION: Flush-mount manhole		DURATION: YIELD:	
REMARKS: Sampled 5-7 ft bg at 1510			
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
5	7	SS	12-4-3-1	0.75	24.6	FINE SAND and silt, trace gravel, brown, moist, slight odor.
10	12	SS	2-2-7-11	1.5	0.6	SAND, medium to coarse, trace silt and gravel, brown/black, saturated, no odor.
15	17	SS	3-3-7-9	0.75	0.3	SILT, some very fine sand, trace gravel, dark brown, wet, no odor.
20	22	SS	8-17-24-26	---	---	No recovery.
25	27	SS	16-33-55-52	1.0	0.6	SAND, fine and silt, trace gravel, brown, moist, no odor.
30	32	SS	18-27-24-26	1.5	0.0	SAND, fine to medium, some silt, trace gravel, dark brown, moist, no odor.
35	37	SS	7-7-20-21	2+	0.0	SAND, fine to medium, trace silt, brown, wet, no odor.
40	42	SS	7-17-37-27	2	0.1	SAND, fine to medium, trace silt, brown, wet, no odor.
45	47	SS	6-16-19-26	2	0.2	SAND, medium to coarse, trace gravel, brown, wet, no odor.

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.
		WELL NO.: MW-9D
		PAGE: 1 OF 1 PAGE
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 90-80 ft bg
DATE COMPLETED: April 25, 29 and May 2, 2005		SAND PACK SIZE & TYPE: #2 filter
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Andre		SETTING: 92-78 ft bg
DRILLING METHOD: Hollow-stem auger		CASING SIZE & TYPE: 2-inch diameter PVC
SAMPLING METHOD: Split spoon		SETTING: 92-90 and 70-0 ft bg
OBSERVER: Sean Groszkowski		SEAL TYPE: Bentonite
REFERENCE POINT (RP): Grade		SETTING: 78-76 ft bg
ELEVATION OF RP:		BACKFILL TYPE: Grout
STICK-UP:		STATIC WATER LEVEL: ~ 5 ft bg
SURFACE COMPLETION: Flush-mount manhole		DEVELOPMENT METHOD: Purge 5 volumes
DURATION: YIELD:		
REMARKS:		
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	75	C	---	---	---	SAND, fine to coarse, some silt and gravel, brown, moist to wet, no odor.
32	34	C	---	---	---	Cobble layer.
75	77	SS	54-60-65-60	2.0	0.4	SAND, fine, little very fine sand and silt, trace gravel, brown, wet, no odor.
80	82	SS	34-46-57-64	0.5	0.5	SAND, fine to medium, little gravel, trace silt, brown, wet, no odor.
85	87	SS	43-55-60-65	0.5	0.3	SAND, fine to medium, little gravel, trace silt, brown, wet, no odor.
90	92	SS	46-54-55-70	2.0	0.4	SAND, fine to medium, little gravel, trace silt, brown, wet, no odor.
	92					End boring.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.	
		WELL NO.: MW-10A	
		PAGE: 1 OF 1 PAGE	
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 20-5 ft bg	
DATE COMPLETED: May 19, 2005		SAND PACK SIZE & TYPE: #2 filter	
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Andre		SETTING: 22-3 ft bg	
		CASING SIZE & TYPE: 2-inch diameter PVC	
DRILLING METHOD: Hollow-stem auger		SETTING: 22-20 and 5-0 ft bg	
SAMPLING METHOD: Split spoon		SEAL TYPE: Bentonite	
OBSERVER: Paul Woodell		SETTING: 3-1 ft bg	
REFERENCE POINT (RP): Grade		BACKFILL TYPE: Concrete	
ELEVATION OF RP:		STATIC WATER LEVEL:	
STICK-UP:		DEVELOPMENT METHOD: Purge 5 volumes	
SURFACE COMPLETION: Flush-mount manhole		DURATION: YIELD:	
REMARKS:			
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	22					Minimal cuttings. Augers slightly tilted away from road at top due to obstruction.
	22					End boring.

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.
		WELL NO.: MW-10B
		PAGE: 1 OF 1 PAGE
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 50-40 ft bg
DATE COMPLETED: May 19, 2005		SAND PACK SIZE & TYPE: #2 filter SETTING: 52-38 ft bg
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Andre		CASING SIZE & TYPE: 2-inch diameter PVC SETTING: 52-50 and 40-0 ft bg
DRILLING METHOD: Hollow-stem auger		SEAL TYPE: Bentonite SETTING: 38-36 ft bg
SAMPLING METHOD: Cuttings		
OBSERVER: Paul Woodell		BACKFILL TYPE: Grout
REFERENCE POINT (RP): Grade		
ELEVATION OF RP:		STATIC WATER LEVEL:
STICK-UP:		DEVELOPMENT METHOD: Purge 5 volumes
SURFACE COMPLETION: Flush-mount manhole		DURATION: YIELD:
REMARKS:		
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	10	C	---	---	53	SAND, fine to medium, some silt, trace gravel, dark red, dry.
	14	C	---	---	124	SAND and silt, moist, odor.
	17	C	---	---		Rig jumping slightly cobbles.
	25	C	---	---	260	SAND, fine to medium and silt, very moist, dark red.
25	30				50	Rig jumping slithly, little cobbles.
30	40					No cuttings.
40	52					No cuttings, end of boring.
	52					End boring.

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.
		WELL NO.: MW-10C
		PAGE: 1 OF 1 PAGE
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 70-60 ft bg
DATE COMPLETED: May 20, 2005		SAND PACK SIZE & TYPE: #2 filter
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Andre		SETTING: 72-58 ft bg
DRILLING METHOD: Hollow-stem auger		CASING SIZE & TYPE: 2-inch diameter PVC SETTING: 72-70 and 60-0 ft bg
SAMPLING METHOD: Split spoon		SEAL TYPE: Bentonite
OBSERVER: Sean Groszkowski		SETTING: 58-60 ft bg
REFERENCE POINT (RP): Grade		BACKFILL TYPE: Grout
ELEVATION OF RP:		STATIC WATER LEVEL:
STICK-UP:		DEVELOPMENT METHOD: Purge 5 volumes
SURFACE COMPLETION: Flush-mount manhole		DURATION: YIELD:
REMARKS:		
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C	---	---	60	SILT and sand, fine to medium, some gravel, reddish-brown, moist, slight odor.
5	15	C	---	---	241	SAND, fine to medium, some silt, reddish-brown, moist/wet, strong hydrocarbon odor.
15	25	C	---	---	---	SAND, fine to medium, some silt, reddish-brown, moist/wet, strong hydrocarbon odor.
	25	C	---	---	1.1	SAND, fine to medium and silt, reddish-brown, wet, no odor.
25	55	C	---	---	---	SAND, fine to medium, some silt, trace gravel, brown, wet, no odor.
55	72	C	---	---	---	Minimal cuttings. SAND, fine to medium, some silt, trace gravel, brown, wet, no odor.
	72					End boring.

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		WELL NO.: MW-10D
		PAGE: 1 OF 2 PAGE
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 90-80 ft bg
DATE COMPLETED: May 20 and 23, 2005		SAND PACK SIZE & TYPE: #2 filter
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Andre		SETTING: 92-78 ft bg
DRILLING METHOD: Hollow-stem auger		CASING SIZE & TYPE: 2-inch diameter PVC
SAMPLING METHOD: Split spoon		SETTING: 92-90 and 80-0 ft bg
OBSERVER: Sean Groszkowski		SEAL TYPE: Bentonite
REFERENCE POINT (RP): Grade		SETTING: 78-76 ft bg
ELEVATION OF RP:		BACKFILL TYPE: Grout
STICK-UP:		STATIC WATER LEVEL:
SURFACE COMPLETION: Flush-mount manhole		DEVELOPMENT METHOD: Purge 5 volumes
DURATION:		YIELD:
REMARKS: Sampled May 20, 2005: 15-17 at 1430 and 17-19 at 1440		
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelly tube MC = Macrocore REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C	---	---	53.4	SILT, some very fine sand and gravel, reddish-brown, moist, some odor.
5	7	SS	7-7-7-7	1.0	3.8	SAND, very fine, little silt and gravel, reddish brown, dry, slight odor.
10	12	SS	4-6-5-6	0	---	No recovery.
15	17	SS	6-6-6-6	1.25	268	SAND, fine and gravel, little silt, brown, wet, visible sheen, strong hydrocarbon odor.
17	19	SS	7-6-8-8	0.25	153	SAND, fine, little silt and gravel, brown, wet, visible sheen, strong hydrocarbon odor.
19	21	SS	11-13-100/3	1.5	6.7	SILT, some very fine sand, trace gravel, brown, wet, some odor.
25	27	SS	7-11-14-17	1.0	0.8	SAND, fine, some silt, little gravel, brown, wet, no odor.
30	32	SS	11-17-22-21	1.25	0.0	SAND, fine, some silt, little gravel, brown, wet, no odor.
35	37	SS	17-24-26-24	2.0	3.4	SAND, fine, little silt and gravel, brown, wet, no odor.

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		WELL NO.: MW-11C	
		PAGE: 1 OF 1 PAGE	
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 70-60 ft bg	
DATE COMPLETED: May 11, 2005		SAND PACK SIZE & TYPE: #2 filter	
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Andre		SETTING: 72-58 ft bg	
DRILLING METHOD: Hollow-stem auger		CASING SIZE & TYPE: 2-inch diameter PVC SETTING: 72-70 and 60-0 ft bg	
SAMPLING METHOD: Split spoon		SEAL TYPE: Bentonite	
OBSERVER: Sean Groszkowski		SETTING: 58-56 ft bg	
REFERENCE POINT (RP): Grade		BACKFILL TYPE: Grout	
ELEVATION OF RP:		STATIC WATER LEVEL:	
STICK-UP:		DEVELOPMENT METHOD: Purge 5 volumes	
SURFACE COMPLETION: Flush-mount manhole		DURATION: YIELD:	
REMARKS: No samples collected from this boring for analysis			
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelly tube MC = Macrocore REC = Recovery PPM = parts per million			

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C	---	---	34.1	SILT, some very fine sand and gravel, brown, moist to wet, slight odor.
5	13	C	---	---	12.1	SILT, some very fine sand and gravel, brown, moist to wet, slight odor.
13	14	C	---	---	---	Cobble layer (hardest layer).
19	20	---	---	---	---	Cobble layer.
22	23	---	---	---	---	Cobble layer.
23	72	C	---	---	0.0-4.1	SAND, fine to medium, some silt and gravel, brown, no odor.
	72					End boring.

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.
		WELL NO.: MW-11D
		PAGE: 1 OF 2 PAGE
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 90-80 ft bg
DATE COMPLETED: May 10 and 11, 2005		SAND PACK SIZE & TYPE: #2 filter
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Andre		SETTING: 92-78 ft bg
		CASING SIZE & TYPE: 2-inch diameter PVC SETTING: 92-90 and 80-0 ft bg
DRILLING METHOD: Hollow-stem auger		
SAMPLING METHOD: Split spoon		SEAL TYPE: Bentonite
OBSERVER: Sean Groszkowski		SETTING: 78-76 ft bg
REFERENCE POINT (RP): Grade		BACKFILL TYPE: Grout
ELEVATION OF RP:		STATIC WATER LEVEL:
STICK-UP:		DEVELOPMENT METHOD: Purge 5 volumes
SURFACE COMPLETION: Flush-mount manhole		DURATION: YIELD:
REMARKS: Sampled 0-5 at 1400 and 30-32 at 1410, May 10, 2005		
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelly tube MC = Macrocore REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C	---	---	47.6	SILT, some fine sand and gravel, trace cobble, dark brown, moist/wet, some odor.
5	7	SS	2-3-3-3	1.25	6.4	SILT and very fine sand, trace gravel, brown, moist, no odor.
10	12	SS	6-6-9-11	0.25	21.9	SILT, some fine sand and gravel, brown, wet, slight odor.
15	17	SS	13-16-14-17	---	---	No recovery. Cobble at 13-14.5.
20	22	SS	18-26-21-27	0.75	12.7	SAND, fine and silt, little gravel, trace cobble, brown, moist, no odor.
25	27	SS	25-28-29	1.5	6.0	SAND, fine, little silt and gravel, brown, wet, no odor.
30	32	SS	29-33-29-20	2.0	22.6	SAND, fine to medium, little silt, trace gravel, brown, wet, no odor.
35	37	SS	13-19-22-27	1.0	2.7	SAND, fine to medium, trace silt and gravel, brown, wet, no odor.
40	42	SS	24-25-30-31	1.5	3.0	SAND, fine to medium, trace silt and gravel, brown, wet, no odor.

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OWNER: Kimco Realty Corp.	
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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.
		WELL NO.: MW-12C
		PAGE: 1 OF 1 PAGE
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 69-59 and 70-60 ft bg
DATE COMPLETED: May 13, 2005		SAND PACK SIZE & TYPE: #2 filter
DRILLING COMPANY: Summit Drilling DRILLERS: Matt, Andre and Mike		SETTING: 71-57 ft bg
DRILLING METHOD: Hollow-stem auger		CASING SIZE & TYPE: 2-inch diameter PVC
SAMPLING METHOD: Cuttings		SETTING: 71-69 and 59-0 ft bg
OBSERVER: Sean Groszkowski		SEAL TYPE: Bentonite
REFERENCE POINT (RP): Grade		SETTING: 57-55 ft bg
ELEVATION OF RP:		BACKFILL TYPE: Grout
STICK-UP:		STATIC WATER LEVEL:
SURFACE COMPLETION: Flush-mount manhole		DEVELOPMENT METHOD: Purge 5 volumes
DURATION: YIELD:		
REMARKS:		
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C	---	---	---	SILT, gravel, trace very fine sand, dark brown, moist, some odor.
5	13	---	---	---	---	SILT and fine sand, some gravel, brown.
13	14	---	---	---	---	Cobble layer.
18	19	---	---	---	---	Cobble layer.
22	23	---	---	---	---	Cobble layer.
23	72	---	---	---	---	SAND, fine to coarse, some silt and gravel, brown.
	72					End boring.

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.
		WELL NO.: MW-12D
		PAGE: 1 OF 2 PAGE
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 90-80 ft bg
DATE COMPLETED: May 12 and 13, 2005		SAND PACK SIZE & TYPE: #2 filter
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Andre		SETTING: 92-78 ft bg
		CASING SIZE & TYPE: 2-inch diameter PVC SETTING: 92-90 and 80-0 ft bg
DRILLING METHOD: Hollow-stem auger		
SAMPLING METHOD: Split spoon		SEAL TYPE: Bentonite
OBSERVER: Sean Groszkowski		SETTING: 78-76 ft bg
REFERENCE POINT (RP): Grade		BACKFILL TYPE: Grout
ELEVATION OF RP:		STATIC WATER LEVEL:
STICK-UP:		DEVELOPMENT METHOD: Purge 5 volumes
SURFACE COMPLETION: Flush-mount manhole		DURATION: YIELD:
REMARKS: Sampled 0-5 at 1430 and 25-27 at 1440, May 12, 2005		
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C	---	---	101	SILT, little very fine sand, trace gravel, brown, moist, hydrocarbon odor.
5	7	SS	7-6-7-6	1.0	15.0	SILT, little very fine sand, trace gravel, brown, moist, hydrocarbon odor, cuttings.
10	12	SS	5-6-11-13	1.5	17.9	SILT, little very fine sand, trace gravel reddish-brown, moist, slight odor.
13	14	C	---	---	---	Cobble layer.
15	17	SS	9-15-17-19	1.75	43.6	SILT, little sand, fine to medium and gravel, reddish-brown, moist, slight odor.
20	22	SS	12-12-14-18	1.25	96.9	SAND, fine to medium, some silt, trace gravel, reddish-brown, wet, slight odor.
25	27	SS	11-13-17-19	11.75	120	SAND, fine to medium, some silt, trace gravel, reddish-brown, wet, slight odor.
30	32	SS	12-14-18-17	1.75	38.6	SAND, fine to medium, some silt, trace gravel, reddish-brown, wet, slight odor.
33	37	SS	10-17-24-25	2.0	29.0	SAND, fine to coarse, trace silt, brown, wet, no odor.

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.
		WELL NO.: MW-13A
		PAGE: 1 OF 1 PAGE
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 20-5 ft bg
DATE COMPLETED: May 24, 2005		SAND PACK SIZE & TYPE: #2 filter
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Andre		SETTING: 22-3 ft bg
DRILLING METHOD: Hollow-stem auger		CASING SIZE & TYPE: 2-inch diameter PVC
SAMPLING METHOD: Split spoon		SETTING: 22-20 and 5-0 ft bg
OBSERVER: Sean Groszkowski		SEAL TYPE: Bentonite
REFERENCE POINT (RP): Grade		SETTING: 3-0.5 ft bg
ELEVATION OF RP:		BACKFILL TYPE: ---
STICK-UP:		STATIC WATER LEVEL:
SURFACE COMPLETION: Flush-mount manhole		DEVELOPMENT METHOD: Purge 5 volumes
DURATION: YIELD:		
REMARKS:		
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelly tube MC = Macrocore REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C	---	---	18.6	SILT, some fine sand, little gravel, dark brown, moist, slight odor.
5	13	C	---	---	---	SAND, fine to medium, and silt, little gravel, reddish-brown, wet, no odor.
13	15	C	---	---	---	Cobble layer.
15	22	C	---	---	---	SAND, fine to medium, and silt, little gravel, reddish-brown, wet, no odor.
	22					End boring.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK		OWNER: Kimco Realty Corp.
		WELL NO.: MW-13B
		PAGE: 1 OF 2 PAGE
SITE LOCATION: Charlton Cleaners Staten Island, New York		SCREEN SIZE & TYPE: 2-inch diameter PVC SLOT NO.: 20 SETTING: 50-40 ft bg
DATE COMPLETED: May 24 and 25, 2005		SAND PACK SIZE & TYPE: #2 filter
DRILLING COMPANY: Summit Drilling DRILLERS: Matt and Andre		SETTING: 52-38 ft bg
DRILLING METHOD: Hollow-stem auger		CASING SIZE & TYPE: 2-inch diameter PVC
SAMPLING METHOD: Split spoon		SETTING: 52-50 and 40-0 ft bg
OBSERVER: Sean Groszkowski		SEAL TYPE: Bentonite
REFERENCE POINT (RP): Grade		SETTING: 38-36 ft bg
ELEVATION OF RP:		BACKFILL TYPE: Grout
STICK-UP:		STATIC WATER LEVEL:
SURFACE COMPLETION: Flush-mount manhole		DEVELOPMENT METHOD: Purge 5 volumes
DURATION:		YIELD:
REMARKS: Had to redrill well because of sand locking on May 24, 2005. Sampled 0-5 at 1030 and 5-7 at 1045.		
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelly tube MC = Macrocore REC = Recovery PPM = parts per million		

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	C	---	---	79.2	SILT, some very fine sand, little gravel, dark brown, moist, some solvent odor.
5	7	SS	6-6-6-6	0.25	41.7	SILT, some very fine sand, little gravel, dark brown, moist, some solvent odor.
10	12	SS	7-5-7-10	1.75	1.0	SILT, trace very fine sand and gravel, dark brown and reddish-brown, wet, no odor.
15	17	SS	7-8-7-11	1.5	0.0	SAND, fine to medium and silt, some gravel, reddish-brown, wet, no odor.
20	22	SS	4-4-11-17	0.75	0.5	SILT and very fine sand, some gravel, dark brown, saturated, no odor.
25	27	SS	23-24-27-29	---	---	No recovery due to cobble in the end of the spoon.
30	32	SS	16-19-24-29	0.5	0.6	SAND, fine, some silt and gravel, brown, wet, no odor.
33	34	---	---	---	---	Rough cobble/hard drilling.
35	37	SS	19-22-26-23	1.0	1.6	SAND, fine to medium, little gravel and silt, brown, wet, no odor.

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July 8, 2005

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