

APPENDIX F

FIELD INVESTIGATION AIR MONITORING LOGS

APPENDIX F-1

FIELD INVESTIGATION AIR MONITORING LOGS

**Phase I
Air Monitoring Logs**

GOLDER ASSOCIATES INC.

Air Monitoring During Drilling

Sheet 1 of 3

OBJECT NAME

BCC / RFI / NY

BORING NUMBER

RFT-16

OBJECT NUMBER

963-9117

AMBIENT TEMPERATURE

55°F

INSTRUMENT USED (AND ID NO)

RAE PGM-75
(NO. 000184)

BACHARACH SEN-
TINEL-4 (WRS29)

WIND SPEED

0-5

LIBRATION NUMBER

NA

WIND DIRECTION

EAST

DATE	TIME	DEPTH OF AUGER	INSTRUMENT READING	
			ORGANIC VAPORS (PPM)	COMBUSTIBLE GAS (% LEL)
4/26/96	11:20	Background	0.0	0.0
	11:45	4'	0.0	0.0
	12:00	10	0.0	0.0
	13:00	14	0.0	0.0
	13:15	18	0.0	0.0
	13:30	20	0.0	0.0
	14:15	22	0.0	0.0
	14:30	26	0.0	0.0
4/29/96	7:45	Calibrate	109 / 100 (span gas)	28 / 30 (span gas)
	10:30	Background	0.0	0.0
	11:00	5'	0.0	0.0
	11:15	25'	0.0	0.0
	11:30	30'	0.0	0.0
	11:45	30'	0.0	0.0
	15:00	Grouting	0.0	0.0
	15:15		0.0	0.0
	15:30		0.0	0.0
	15:45		0.0	0.0
	16:00		0.0	0.0
	16:15		0.0	0.0

Air Monitoring During Drilling

Sheet 4 of 1

SUBJECT NAME BCC/PT-17-11
 SUBJECT NUMBER 963-9117
 INSTRUMENT USED (AND ID NO) RAE PGM-75 (NO. 000184) BACHARACH SEN-4 (WFS29)
 LIBRATION NUMBER N/A
 AMBIENT TEMPERATURE 50°F
 WIND SPEED 5-15 mph
 WIND DIRECTION Northeast

[illegible]

Air Monitoring During Drilling

Sheet 3 of 2

BCC / RFI / NY

RFI -16

963- 9117

50°F

RAE PGM-75
(NO. 000184)

BACHARACH SEN-
TINEL-4 (WFO52)

WIND SPEED

0-10

N/A

WIND DIRECTION

North

[illegible]

Air Monitoring During Drilling

Sheet 1 of 1

OBJECT NAME	BCC/RF17 NY	LOGGING NUMBER	
OBJECT NUMBER	963-9117	AMBIENT TEMPERATURE	50°F
INSTRUMENT USED (AND ID NO)	RAE PGM-75 (NO. 000184)	WIND SPEED	5-10
LIBRATION NUMBER	N/A	WIND DIRECTION	NE

[illegible]

GOLDER ASSOCIATES INC.

Air Monitoring During Drilling

Sheet 1 of 2

PROJECT NAME BCC / RFI / NY BORING NUMBER RFI-19D
 PROJECT NUMBER 963-9117 AMBIENT TEMPERATURE 60°F
 INSTRUMENT USED (AND ID NO) RAE PGM-75 (NO. 000184) BACHARACH SEN-TINEL-4 (WFS29) WIND SPEED 0-10
 CALIBRATION NUMBER N/A WIND DIRECTION East

DATE	TIME	DEPTH OF AUGER	INSTRUMENT READING	
			ORGANIC VAPORS (PPM)	COMBUSTIBLE GAS (% LEL)
5/20/96	7:45	Calibration	99.4 / 100 (span gas)	29 / 30 (span gas)
	8:00	Background	0.0	0
	8:30	0	0.0	0
	8:45	4'	0.0	0
	9:00	6'	0.0	0
	9:15	8'	0.0	0
	9:30	10'	0.0	0
	9:45	12'	0.0	0
	10:15	Casing Installation	0.0	0
	10:30		0.0	0
	10:45		0.0	0
	11:00		0.0	0
	11:15		0.0	0
	11:30		0.0	0
	11:45		0.0	0
5/22/96	15:15	Background	0.0	0
	15:15	14'	0.0	0
	15:30	18'	0.0	0
	15:45	22'	0.0	0
	16:00	26'	0.0	0
	16:15	28'	0.0	0
	16:30	30'	0.0	0

GOLDER ASSOCIATES INC.

Air Monitoring During Drilling

Sheet 2 of 2

PROJECT NAME <u>BCC / RFI / NY</u>	BORING NUMBER <u>RFI-19D</u>
PROJECT NUMBER <u>963-9117</u>	AMBIENT TEMPERATURE <u>70°F</u>
INSTRUMENT USED (AND ID NO.) <u>RAE PGM-75 (NO. 000184) BACHARACH SEN-TINEL-4 (WRS29)</u>	WIND SPEED <u>0-10</u>
ALIBRATION NUMBER <u>N/A</u>	WIND DIRECTION <u>NE</u>

DATE	TIME	DEPTH OF AUGER	INSTRUMENT READING	
			ORGANIC VAPORS (PPM)	COMBUSTIBLE GAS (% LEL)
5/23/96	7:50	Calibration	104.5 / 100 (span gas)	29 / 30 (span gas)
	8:00	Background	0.0	5 *
	8:00	30'	0.0	5
	8:15	34'	0.0	5
	8:30	36'	0.0	5
	8:45	38'	0.0	5
	9:00	40'	0.0	5
	9:15	42'	0.0	5
	9:30	46'	0.0	5
	9:45	Well Installation	0.0	6 **
	10:00		0.0	8 **
	10:15		0.0	10 **
	10:45		0.0	Sensor Failure
	11:00		0.0	
	11:15		0.0	
	11:30		0.0	
	13:00		0.0	
	13:15		0.0	
	13:30		0.0	
	13:45		0.0	
	14:00		0.0	
xx = Combustible sensor drift - Attempt to recalibrate unsuccessful - Combustible sensor failure.			* = Meter zero auto-zero feature non-functioning. No combustible gas present.	

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

RFI-20

963- 9117

50°F

RAE PGM-75
(NO. 000184)

BACHARACH SEN-
TINEL-4 (WPCS29)

WIND SPEED

0-5 mph

N/A

WIND DIRECTION

West

[illegible]

Air Monitoring During Drilling

Sheet 1 of 2

PROJECT NAME	BCC / RFI / NY	BORING NUMBER	
PROJECT NUMBER	963- 9117	AMBIENT TEMPERATURE	50°F
INSTRUMENT USED (AND ID NO)	RAE PGM-75 (NO. 000184)	WIND SPEED	0.5 mph
CALIBRATION NUMBER	N/A	WIND DIRECTION	West

[illegible]

GOLDER ASSOCIATES INC.

Air Monitoring During Drilling

Sheet 2 of 2

PROJECT NAME	<u>BCC / RFI / NY</u>	BORING NUMBER	<u>RFI- 21D</u>
PROJECT NUMBER	<u>963- 9117</u>	AMBIENT TEMPERATURE	<u>50°F</u>
INSTRUMENT USED (AND ID NO)	<u>RAE PGM-75 (NO. 000134)</u> <u>BACHARACH SEN- TINEL-4 (WRS29)</u>	WIND SPEED	<u>5-15 mph</u>
CALIBRATION NUMBER	<u>N/A</u>	WIND DIRECTION	<u>South</u>

DATE	TIME	DEPTH OF AUGER	INSTRUMENT READING	
			ORGANIC VAPORS (PPM)	COMBUSTIBLE GAS (% LEL)
4/24/96		Calibration	120 / 100 (span gas)	28 / 30 span gas
4/24/96	9:30	Background	0.0	0.0
	9:45	13'	0.0	0.0
	10:00	16'	0.0	0.0
	10:16	20'	0.0	0.0
	10:30	24'	0.0	0.0
	10:45	28'	0.0	0.0
	11:00	30'	0.0	0.0
	11:15	32'	0.1	0.0
	11:35	34'	0.0	0.0
	11:45	38'	0.0	0.0
	13:00	40'	0.0	0.0
	13:15	Installation of well	0.0	0.0
	13:30	Installation of well	0.0	0.0
	13:45		0.0	0.0
	14:00		0.0	0.0
	14:15		0.0	0.0
	14:30		0.0	0.0
	14:45		0.0	0.0
	15:00		0.0	0.0
	15:15		0.0	0.0
Field readings collected in breathing zone				

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

RFI - 22

963-9117

45°F

RAE PGM-75
(NO. 000184)

BACHARACH SEN-
TINEL-4 (WFO529)

WIND SPEED

0-10

n/A

South east

[illegible]

GOLDER ASSOCIATES INC.

Air Monitoring During Drilling

Sheet 1 of 3

PROJECT NAME <u>BCC / RFI / NY</u>	BORING NUMBER <u>RFI-23D</u>
PROJECT NUMBER <u>963-9117</u>	AMBIENT TEMPERATURE <u>55°F</u>
INSTRUMENT USED (AND ID NO) <u>RAE PGM-75 (NO. 000134)</u> <u>BACHARACH SEN-TINEL-4 (WRS29)</u>	WIND SPEED <u>0-15</u>
ALIBRATION NUMBER <u>N/A</u>	WIND DIRECTION <u>West</u>

DATE	TIME	DEPTH OF AUGER	INSTRUMENT READING	
			ORGANIC VAPORS (PPM)	COMBUSTIBLE GAS (% LEL)
5/3/96	16:00	Background	0.0	0
	16:15	4'	0.0	0
	16:30	8'	0.0	0
5/6/96	8:00	Calibrate	96.7 / 100 (span gas)	27 / 30 (span gas)
	8:15	Background	0.0	0
	8:20	8'	0.0	0
	8:30	10'	0.0	0
	8:45	12'	0.0	0
	9:00	14'	0.0	0
	9:15	14'	0.0	0
	9:30	16'	0.0	0
	9:45	20'	0.0	0
	10:00	22'	0.0	0
	10:15	24'	0.0	0
	10:30	26'	0.0	0
	10:45	28'	0.0	0
	11:00	28'	0.0	0
	11:15	30'	0.0	0
	11:30	30'	0.0	0
	11:45	32'	0.0	0
	12:00	34'	0.0	0
	13:30	10" Casing Installation	0.0	0
	13:45	" "	0.0	0

GOLDER ASSOCIATES INC.

Air Monitoring During Drilling

Sheet 2 of 3

PROJECT NAME <u>BCC / RFI / NY</u>	BORING NUMBER <u>RFI-23D</u>
PROJECT NUMBER <u>963-9117</u>	AMBIENT TEMPERATURE <u>55°F</u>
INSTRUMENT USED (AND ID NO) <u>RAE PGM-75 (NO. 000184)</u> <u>BACHARACH SEN-TINEL-4 (WRS29)</u>	WIND SPEED <u>0-15</u>
ALIBRATION NUMBER <u>N/A</u>	WIND DIRECTION <u>South</u>

DATE	TIME	DEPTH OF AUGER	INSTRUMENT READING	
			ORGANIC VAPORS (PPM)	COMBUSTIBLE GAS (% LEL)
5/6/96	14:00	10" Casing Installation	0.0	0
5/6/96	14:15	↓	0.0	0
5/8/96	7:50	Calibration	96/100 (span gas)	28/30 (span gas)
	8:15	Background	0.0	0
	8:30	36'	0.0	0
	8:45	38	0.0	0
	9:00	42	0.0	0
	9:15	44	0.0	0
	9:30	48	0.0	0
	9:45	48	0.0	0
	10:00	50	0.0	0
	10:15	52	0.0	0
	10:30	52	0.0	0
	10:45	56	0.0	0
	11:00	56	0.0	0
	11:15	58	0.0	0
	11:30	60	0.0	0
	11:45	60	0.0	0
	12:00	62	0.0	0
	12:15	62	0.0	0
	13:00	Well Installation	0.0	0
	13:15	↓	0.0	0
	13:30	↓	0.0	0

Air Monitoring During Drilling

Sheet 3 of 3

PROJECT NAME	BCC/AFI/114	BORING NUMBER	114-01
PROJECT NUMBER	963-9117	AMBIENT TEMPERATURE	65°F
INSTRUMENT USED (AND ID NO)	RAE PGM-75 (NO. 000184)	BACHARACH SEN- TINEL-4 (WR529)	WIND SPEED 0-10
CALIBRATION NUMBER	N/A	WIND DIRECTION	South

[illegible]

GOLDER ASSOCIATES INC.

Air Monitoring During Drilling

Sheet 1 of 1

PROJECT NAME BCC / RFI / NY BORING NUMBER RFI-24
 PROJECT NUMBER 963-9117 AMBIENT TEMPERATURE 55°F
 INSTRUMENT USED (AND ID NO) RAE PGM-75 (NO. 000184) BACHARACH SEN-TINEL-4 (WRS29) WIND SPEED 0-10
 CALIBRATION NUMBER _____ WIND DIRECTION East

DATE	TIME	DEPTH OF AUGER	INSTRUMENT READING	
			ORGANIC VAPORS (PPM)	COMBUSTIBLE GAS (% LEL)
5/3/96	14:00	Background	0.0	0
	14:00	0	0.0	0
	14:15	0	0.0	0
	14:30	2'	0.0	0
ABANDONED				

GOLDER ASSOCIATES INC.

Air Monitoring During Drilling

Sheet 1 of 2

PROJECT NAME <u>BCC / RFI / NY</u>	BORING NUMBER <u>RFI-24</u>
PROJECT NUMBER <u>963-9117</u>	AMBIENT TEMPERATURE <u>60°F</u>
INSTRUMENT USED (AND ID NO.) <u>RAE PGM-75 (NO. 000184) BACHARACH SEN- TINEL-4 (WRS29)</u>	WIND SPEED <u>0-10</u>
ALIBRATION NUMBER <u>N/A</u>	WIND DIRECTION <u>East</u>

DATE	TIME	DEPTH OF AUGER	INSTRUMENT READING	
			ORGANIC VAPORS (PPM)	COMBUSTIBLE GAS (% LEL)
5/15/96	14:45	Background		
	14:45	0	0.0	0
	15:00	2'	0.0	0
	15:15	4'	0.0	0
	15:30	8'	0.0	0
	15:45	8.5'	0.0	0
	16:00	9'	0.0	0
	16:15	9.5'	0.0	0
	16:30	10'	0.0	0
5/16/96	7:45	Calibration	99.8 / 100 (span gas)	29 / 30 (span gas)
	8:00	Background	0.0	0
	8:00	10'	0.0	0
	8:15	10.5'	0.0	0
	8:30	11.5'	0.0	0
	8:45	12'	0.0	0
5/21/96	13:30	Background	0.0	0
	13:45	10'	0.0	0
	14:00	15'	0.0	0
	14:15	16'	0.0	0
	14:30	16'	0.0	0
	14:45	16'	0.0	0
	15:00	18'	0.0	0

GOLDER ASSOCIATES INC.

Air Monitoring During Drilling

Sheet 2 of 2

PROJECT NAME BCC / RFI / NY BORING NUMBER RFI-24
 PROJECT NUMBER 963-9117 AMBIENT TEMPERATURE 65°F
 INSTRUMENT USED (AND ID NO) RAE PGM-75 (NO. 000184) BACHARACH SEN-TINEL-4 (WRS29) WIND SPEED 5-15
 ALIBRATION NUMBER N/A WIND DIRECTION SE

DATE	TIME	DEPTH OF AUGER	INSTRUMENT READING	
			ORGANIC VAPORS (PPM)	COMBUSTIBLE GAS (% LEL)
5/21/96 15-F ↙	15:15	18'	0.0	0
	15:30	20'	0.0	0
	15:45	24'	0.0	0
	16:00	30'	0.0	0
	16:15	32'	0.0	0
	16:30	34'	0.0	0
12/21/96	7:50	Calibrate	104.2 / 100 (span gas)	28 / 30 (span gas)
	9:00	Background	0.0	0
	9:00	Well Installation	0.0	0
	9:15		0.0	0
	9:30		0.0	0
	9:45		0.0	0
	10:00		0.0	0
	10:30		0.0	0
	11:00		0.0	0
	11:15		0.0	0
	11:30		0.0	0
	11:45		0.0	0

Air Monitoring During Drilling

Sheet 1 of 1

PROJECT NAME	BCC/ RFI/ NY	BORING NUMBER	ALL 2-
PROJECT NUMBER	963- 9117	AMBIENT TEMPERATURE	60 °F
INSTRUMENT USED (AND ID NO)	RAE PGM-75 (NO. 000184)	BACHARACH SEN- TINEL-4 (WRCS29)	WIND SPEED
VIBRATION NUMBER	N/A	WIND DIRECTION	0-10 mph Southeast

[illegible]

GOLDER ASSOCIATES INC.

Air Monitoring During Drilling

Sheet 1 of 1

PROJECT NAME	<u>BCC / RFI / NY</u>	BORING NUMBER	<u>RFI-26</u>
PROJECT NUMBER	<u>963-9117</u>	AMBIENT TEMPERATURE	<u>55 °F</u>
INSTRUMENT USED (AND ID NO)	<u>RAE PGM-75 (NO. 000184)</u>	WIND SPEED	<u>5-15</u>
ALIBRATION NUMBER	<u>N/A</u>	WIND DIRECTION	<u>FAST</u>

DATE	TIME	DEPTH OF AUGER	INSTRUMENT READING	
			ORGANIC VAPORS (PPM)	COMBUSTIBLE GAS (% LEL)
5/2/96	14:30	Background	0.0	0
	14:30	2'	0.0	0
	14:45	6'	0.0	0
	15:00	10'	0.0	0
	15:15	12'	0.0	0
	15:30	14'	0.0	0
	15:45	18'	0.0	0
	16:00	22'	0.0	0
	16:15	24'	0.0	0
5/3/96	8:00	Calibration	100.8 / 100 (span gas)	27 / 30 (span gas)
	8:10	Background	0.0	0
	8:15	26'	0.0	0
	8:30	30'	0.0	0
	8:45	34'	0.0	0
	9:00	36'	0.0	0
	9:15	Well Installation	0.0	0
	9:30		0.0	0
	9:45		0.0	0
	10:00		0.0	0
	10:15		0.0	0
	10:30		0.0	0
	10:45		0.0	0
	11:00		0.0	0

Air Monitoring During Drilling

Sheet 1 of 2

BCC / RFI / NY

AFI-27

963-9117

60 °F

RAE PGM-75
(NO. 000184)

BACHARACH SEN-
TINEL-4 (WFO529

WIND SPEED

EAST

$$N/A$$

WIND DIRECTION

O-10

[illegible]

Air Monitoring During Drilling

Sheet 2 of 2

BCC / RFI / NY

RFI - 27

963-9117

60°F

RAE PGM-75
(NO. 000184)

BACHARACH SEN-
TINEL-4 (WFO529

0-5

NA

EAST

[illegible]

Air Monitoring During Drilling

PROJECT NAME	BCC/RTI/7/77	LOGGING NUMBER	77-0000
PROJECT NUMBER	963-9117	AMBIENT TEMPERATURE	55°F
INSTRUMENT USED (AND ID NO)	RAE PGM-75 (NO. 000184)	WIND SPEED	0-10
CALIBRATION NUMBER	N/A	WIND DIRECTION	East
INSTRUMENT USED (AND ID NO)		BACHARACH SEN- TINEL-4 (WFS29)	

7/NE AIRMONIT.WK1

Air Monitoring During Drilling

Sheet 1 of 1

PROJECT NAME	BCC / RFI / NY	BORING NUMBER	RFI 51
PROJECT NUMBER	963-9117	AMBIENT TEMPERATURE	65°F
INSTRUMENT USED (AND ID NO)	RAE PGM-75 (NO. 000184)	BACHARACH SEN- TINEL-4 (WP529)	WIND SPEED 5-10
VIBRATION NUMBER	N/A	WIND DIRECTION	East

[illegible]

Air Monitoring During Drilling

Sheet 1 of 1

PROJECT NAME	BCC/RFI/ NY	BORING NUMBER	R-1 S-
PROJECT NUMBER	963- 9117	AMBIENT TEMPERATURE	50°F
INSTRUMENT USED (AND ID NO)	RAE PGM-75 (NO. 000184)	BACHARACH SEN- TINEL-4 (WFS29)	WIND SPEED
CALIBRATION NUMBER	N/A	WIND DIRECTION	EAST

Air Monitoring During Drilling

Sheet 1 of 1

DATE	TIME	DEPTH OF AUGER	INSTRUMENT READING	
			ORGANIC VAPORS (PPM)	COMBUSTIBLE GAS (% LEL)
5/16/96	15:00	Background	0.0	0
	15:00	0'	0.0	0
	15:15	2'	0.0	0
	15:30	4'	0.0	0
	15:45	6'	0.0	0
	16:00	8'	0.0	0
	16:15	14'	0.0	0
5/17/96	8:00	Background	0.0	0
	8:00	Well Installation	0.0	0
	8:15		0.0	0
	8:30		0.0	0
	8:45		0.0	0
	9:00		0.0	0
	9:15	↓	0.0	0
Note -	some kind of chlorinated solvent odor noted during well installation.			

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

RFI-32

963- 9117

AMBIENT TEMPERATURE

65 OF

RAE PGM-75
(NO. 000184)

BACHARACH SEN-
TINEL-4 (WPS29)

WIND SPEED

0-5

CALIBRATION NUMBER

NA

WIND DIRECTION

West

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

RFI-33

963- 9117

60°F

RAE PGM-75
(NO. 000184)

BACHARACH SEN-
TINEL-4 (WFO529

WIND SPEED

0-5 mph

$$N/A$$

North

Air Monitoring During Drilling

Sheet 1 of 1

Air Monitoring During Drilling

Sheet 1 of 1

PROJECT NAME	BCC / RFI / NY	BORING NUMBER	RFI-P216
PROJECT NUMBER	963-9117	AMBIENT TEMPERATURE	70°F
INSTRUMENT USED (AND ID NO)	RAE PGM-75 (NO. 000184)	BACHARACH SEN- TINEL-4 (WFS29)	WIND SPEED
CALIBRATION NUMBER	N/A	WIND DIRECTION	NE

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

RFI- PZ17

963-9117

70°F

RAE PGM-75
(NO. 000184)

BACHARACH SEN-
TINEL-4 (WFO529)

WIND SPEED

0-5

N/A

East

Air Monitoring During Drilling

Sheet 1 of 1

PROJECT NAME	BCC/ RFI/ NY	BORING NUMBER	112 113 114
PROJECT NUMBER	963- 9117	AMBIENT TEMPERATURE	65°F
INSTRUMENT USED (AND ID NO)	RAE PGM-75 (NO. 000184)	BACHARACH: SEN- TINEL-4 (WRS29)	WIND SPEED
CALIBRATION NUMBER	N/A	WIND DIRECTION	East

[illegible]

GOLDER ASSOCIATES INC.

Air Monitoring During Drilling

Sheet 1 of 1

PROJECT NAME	<u>BCC / RFI / NY</u>	BORING NUMBER	<u>RFI - PZ19</u>
PROJECT NUMBER	<u>963-9117</u>	AMBIENT TEMPERATURE	<u>60°F</u>
INSTRUMENT USED (AND ID NO)	<u>RAE PGM-75 (NO. 000184)</u>	WIND SPEED	<u>5-15</u>
ALIBRATION NUMBER	<u>N/A</u>	WIND DIRECTION	<u>East</u>
	<u>BACHARACH SEN-TINEL-4 (WRS29)</u>		

DATE	TIME	DEPTH OF AUGER	INSTRUMENT READING	
			ORGANIC VAPORS (PPM)	COMBUSTIBLE GAS (% LEL)
5/14/96	15:30	Background	0.0	0
	15:30	0	0.0	0
	15:45	2'	0.0	0
	16:00	6'	0.0	0
	16:15	10'	0.0	0
5/15/96	8:00	Background	0.0	0
	8:15	10'	0.0	0
	8:30	14'	0.0	0
	8:45	16'	0.0	0
	9:00	20'	0.0	0
	9:15	24'	0.0	0
	9:30	28'	0.0	0
	9:45	Well Installation	0.0	0
	9:50		0.0	0
	10:15		0.0	0
	10:30		0.0	0
	10:45		0.0	0
	11:00		0.0	0
	11:15		0.0	0
	11:30		0.0	0

GOLDER ASSOCIATES INC.

Air Monitoring During Drilling

Sheet 1 of 1

PROJECT NAME BCC / RFI / NY BORING NUMBER RFI - P220

PROJECT NUMBER 963-9117 AMBIENT TEMPERATURE 50°F

INSTRUMENT USED (AND ID NO) RAE PGM-75 (NO. 000184) BACHARACH SEN-TINEL-4 (WRS29) WIND SPEED 5-15

CALIBRATION NUMBER N/A WIND DIRECTION East

DATE	TIME	DEPTH OF AUGER	INSTRUMENT READING	
			ORGANIC VAPORS (PPM)	COMBUSTIBLE GAS (% LEL)
5/14/96	7:45	Calibration	99.5 / 100 (span gas)	27 / 30 (span gas)
	9:10	Background	0.0	0
	9:15	0	0.0	0
	9:30	4	0.0	0
	9:45	8	0.0	0
	10:00	10	0.0	0
	10:15	14	0.0	0
	10:30	16	0.0	0
	10:45	20	0.0	0
	11:00	24	0.0	0
	11:15	26	0.0	0
	11:30	28	0.0	0
	13:00	Well Installation	0.0	0
	13:15		0.0	0
	13:30		0.0	0
	13:45		0.0	0
	14:00		0.0	0
	14:15		0.0	0
	14:30		0.0	0
	14:45	↓	0.0	0
		No detections of acid gases with Dräger Tubes.		

APPENDIX F-2

FIELD INVESTIGATION AIR MONITORING LOGS

**Phase II
Air Monitoring Logs**

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

RFI-38

963-9117

60°

RAE PGM-75 (NO. 000184)	BACHARACH SEN- TINEL-4 (WFO529)
----------------------------	------------------------------------

0-5 mph

NA

SW

[illegible]

Air Monitoring During Drilling

Sheet

of 1

BCC / RFI / NY

RF7-34

963-9117

550

RAE PGM-75
(NO. 000184)

BACHARACH SEN-
TINEL-4 (WFO529)

WIND SPEED

0-5 mph

NA

WIND DIRECTION

✓

DATE _____

TIME

DEPTH OF AUGER

INSTRUMENT READING

ORGANIC VAPORS
(PPM)

COMBUSTIBLE GAS
(% LEL)

5/27/97

9:25

 z'

O. C.

5/27/97

9:55

6'

O. O

○

5/27/97

10:45

10'

O.O

5/27/97

11:15

14'

0.0

5/27/97

11:45

18'

0.0

Air Monitoring During Drilling

Sheet

of

BCC / RFI / NY

RFI - 35

963- 9117

600

RAE PGM-75
(NO. 000184)

BACHARACH SEN-
TINEL-4 (WFO529

WIND SPEED

5-10 mph

NA

WIND DIRECTION

SW

DATE _____

TIME

DEPTH OF AUGER

INSTRUMENT READING

ORGANIC VAPORS
(PPM)

COMBUSTIBLE GAS
(% LEL)

6/4/97

8:55

4'

O.C

④

6/4/97

9:15

8'

O.O

6/4/97

9:30

10'

0.0

6/4/97

9:45

14'

0.0

C

6/4/97

10:00

16'

0.0

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

RF1-36

963-9117

65°

RAE PGM-75
(NO. 000184)

BACHARACH SEN-
TINEL-4 (WFOS29)

WIND SPEED

0-5 mwh

NA

NE

[illegible]

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

RFI - 37

963-9117

60°

RAE PGM-75
(NO. 000184)

BACHARACH SEN-
TINEL-4 (WRS29

WIND SPEED)

0-5 mph

NA

NE

Air Monitoring During Drilling

Sheet 7 of 7

BCC / RFI / NY

REF - 40

963-9117

68°

RAE PGM-75 (NO. 000184)	BACHARACH SEN- TINEL-4 (WPS20)
----------------------------	-----------------------------------

0-5 mph

NA

SW

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

KFI-41

963-9117

62°

RAE PGM-75
(NO. 000184)

BACHARACH SEN-
TINEL-4 (WFO52)

WIND SPEED

5-10 mph

NA

WIND DIRECTION

SW

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

RFI-42

963-9117

 60°

RAE PGM-75
(No. 000184)

BACHARACH SEN-
TINEL-4 (WFO529)

WIND SPEED

0-5 mph

WIND DIRECTION

SW

FIN: ALRMONT.WK1

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

REF-43

963-9117

60°

RAE PGM-75
(NO. 000184)

BACHARACH SEN-
TINEL-4 (WPCS29

WIND SPEED

0-5 mph

WIND DIRECTION

NE

APPENDIX F-3

FIELD INVESTIGATION AIR MONITORING LOGS

**Supplemental Investigation
Air Monitoring Logs**

Air Monitoring During Drilling

Sheet 1 of 1

Air Monitoring During Drilling

Sheet 1 of 1

PROJECT NAME	BCC / RI / NY	BORING NUMBER	963-9117
PROJECT NUMBER	963-9117	AMBIENT TEMPERATURE	90°F
INSTRUMENT USED (AND ID NO.)	RAE PGM-75 / BACHARACH SEN- (NO. 000134) / TREL-4 (WPO329)	WIND SPEED	N/A
CALIBRATION NUMBER	N/A	WIND DIRECTION	

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

BORING NUMBER

PRB-3M

963-9117

AMBIENT TEMPERATURE

90°F

INSTRUMENT USED (AND ID NO.)

RAE PGM-75 / BACHARACH SEN-
(NO. 000184) / TINEL-4 (WPO539)

WIND SPEED

$$n/A$$

CALIBRATION NUMBER

N/A

WIND DIRECTION

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

PRB-4M

963- 9117

 90°

RAE PGM-75 / BACHARACH SEN-
(NO. 000184) / TINEL-4 (WPOS29)

WIND SPEED

nlk

N/A

WIND DIRECTION

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

BORING NUMBER

PRB-5

963- 9117

AMBIENT TEMPERATURE

90°F

INSTRUMENT USED (AND ID NO.)

RAE PGM-75 / BACHARACH SEN-
(NO. 000184) / TINEL-4 (WPOSFF)

WIND SPEED

Not

CALIBRATION NUMBER

N/A

WIND DIRECTION

F/N: AIRMONT.WK1

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

PRB-6

963- 9117

90°

RAE PGM-75

BACHARACH SEN-

WIND SPEED

[Handwritten signature]

N/A

WIND DIRECTION

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

PRB-7

963- 9117

90° F

RAE PGM-75 / BACHARACH SEN-
(NO. 000184) / TNEL-4 (WPOS39)

WIND SPEED

N/A

WIND DIRECTION

[illegible]

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

PRB-8

963- 9117

75°F

RAE PGM-75 / BACHARACH SEN-
(NO. 000184) / TINEL-4 (WPOSSE)

$$\frac{n}{A}$$

N/A

WIND DIRECTION

[illegible]

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

PRB-9

963-9117

90 °F

RAE PGM-75 / BACHARACH SEN-
(NO. 000184) / TINEL-4 (WPOS39)

$$N/A$$

N/A

WIND DIRECTION

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

PRB-10

963- 9117

90°F

RAE PGM-75 / BACHARACH SEN-
(NO. 000184) / TINEL-4 (WPOS39)

WIND SPEED

N/A

WIND DIRECTION

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

BORING NUMBER

PRB-11

963- 9117

AMBIENT TEMPERATURE

90°F

INSTRUMENT USED (AND ID NO.)

RAE PGM-75 / BACHARACH SEN-
(NO. 000184) / TINEL-4 (WPOS29)

WIND SPEED

$$\frac{N}{A}$$

ALIBRATION NUMBER

N/A

WIND DIRECTION

[illegible]

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

BORING NUMBER

PRB-12

963-9117

AMBIENT TEMPERATURE

90°F

INSTRUMENT USED (AND ID NO.)

RAE PGM-75 / BACHARACH SEN-
(NO. 000184) / TINEL-4 (WPOSSE)

WIND SPEED

relA

CALIBRATION NUMBER

N/A

WIND DIRECTION

[illegible]

Air Monitoring During Drilling

Sheet 1 of 1

PROJECT NAME	BCC / AIT / NY	BORING NUMBER	113
PROJECT NUMBER	963-9117	AMBIENT TEMPERATURE	90°F
INSTRUMENT USED (AND ID NO.)	RAE PGM-75 / BACHARACH SEN- (NO. 000134) / T1NEL-4 (WPOS9)	WIND SPEED	N/A
VIBRATION NUMBER	N/A	WIND DIRECTION	

Air Monitoring During Drilling

Sheet 1 of 1

PROJECT NAME	BCC / RFI / NY	BORING NUMBER	115
PROJECT NUMBER	963- 9117	AMBIENT TEMPERATURE	90 °F
INSTRUMENT USED (AND ID NO.)	RAE PGM-75 / BACHARACH SEN- (NO. 000134) / TINE1-4 (WPOS37)	WIND SPEED	N/A
VIBRATION NUMBER	N/A	WIND DIRECTION	

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

PRB- 15

963- 9117

90 °F

RAE PGM-75 / BACHARACH SEN-
(NO. 000184) / TINEL-4 (WPOSSE)

WIND SPEED

N/A

WIND DIRECTION

IN: AIRMONIT.WK1

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

PRB- 16

963-9117

 90°

RAE PGM-75 / BACHARACH SEN-
(NO. 000184) / TINEL-4 (WPO539)

WIND SPEED

N/A

WIND DIRECTION

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

BORING NUMBER

PRB- 17

963-9117

AMBIENT TEMPERATURE

90°F

INSTRUMENT USED (AND ID NO.)

RAE PGM-75 / BACHARACH SEN-
(NO. 000184) / TINEL-4 (WPOSJF)

WIND SPEED

2/1/1

ALIBRATION NUMBER

N/A

WIND DIRECTION

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

BORING NUMBER

PRB- 18

963-9117

AMBIENT TEMPERATURE

90°F

INSTRUMENT USED (AND ID NO.)

RAE PGM-75 / BACHARACH SEN-
(NO. 000184) / TINEL-4 (WPOSSE)

WIND SPEED

2/1

ALIBRATION NUMBER

N/A

WIND DIRECTION

[illegible]

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

PRB-19

963-9117

90°F

RAE PGM-75 / BACHARACH SEN-
(NO. 000184) / TINEL-4 (WPOSSE)

2/11

N/A

WIND DIRECTION

[illegible]

Air Monitoring During Drilling

PROJECT NAME	BCC / RFI / NY	BORING NUMBER	PRB - 20
PROJECT NUMBER	963- 9117	AMBIENT TEMPERATURE	90°F
INSTRUMENT USED (AND ID NO.)	RAE PGM-75 / BACHARACH SEN- (NO. 000134) / TREL-4 (WPOSSE)	WIND SPEED	N/A
VIBRATION NUMBER	N/A	WIND DIRECTION	

[illegible]

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

BORING NUMBER

PRB- 21

963- 9117

AMBIENT TEMPERATURE

90°F

INSTRUMENT USED (AND ID NO.)

RAE PGM-75 / BACHARACH SEN-
(NO. 000184) / TINEL-4 (WPOSSE)

WIND SPEED

[Handwritten signature]

ALIBRATION NUMBER

N/A

WIND DIRECTION

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

BORING NUMBER

PRB-22

963-9117

AMBIENT TEMPERATURE

 $90^\circ F$

RAE PGM-75 / BACHARACH SEN-
(NO. 000184) / TINEL-4 (WP0539)

WIND SPEED

21/11

N/A

WIND DIRECTION

[illegible]

Air Monitoring During Drilling

Sheet 1 of 1

PROJECT NAME	BCC / RI / NY	BORING NUMBER	115-2
PROJECT NUMBER	963-9117	AMBIENT TEMPERATURE	90°F
INSTRUMENT USED (AND ID NO.)	RAE PGM-75 / BACHARACH SEN- (NO. 000134) / T1NEL-4 (WPOSF)	WIND SPEED	N/A
CALIBRATION NUMBER	N/A	WIND DIRECTION	

[illegible]

Air Monitoring During Drilling

Sheet 1 of 1

BCC / RFI / NY

PRB-24

963- 9117

90°F

RAE PGM-75 / BACHARACH SEN-
(NO. 000184) / TINEL-4 (WPOS29)

2/1/1

N/A

WIND DIRECTION

[illegible]

APPENDIX G

SAMPLE COLLECTION INFORMATION FORMS

APPENDIX G-1

SAMPLE COLLECTION INFORMATION FORMS

**Phase I
Groundwaters
June 1996**



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCC, RFI, NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI-16

SOURCE CODES: RIVER OR STREAM (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>96/6/11</u>	TIME (24 HR CLOCK)	<u>9:50</u>	ELAPSED HRS.	<u>24</u>
CASING VOL.(Gal.)	<u>7.4</u>	GAL. PURGED (Gal.)	<u>9 TO DRY</u>	DEDICATED	<u>(Y)</u> (N)
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>HDPE</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>96/6/12</u>	TIME (24 HR CLOCK)	<u>10:12</u>	MATRIX	<u>(Y)</u> <u>WATER</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y)</u> (N)	FILTERED	<u>(Y)</u> (N)
SAMPLING DEVICE MATERIAL	<u>HDPE</u>	SAMPLE TYPE -	<u>(GRAB)</u> COMPOSITE (CIRCLE ONE)		

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOP</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>63.8</u>
DEPTH TO WATER (REF. PT.)	<u>18.16</u>	STICKUP (FT.)	<u>N/A</u>
GW. ELEV.(FT. MSL.)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Sample Purge	Initial Sample	Final Sample
pH (STD)	<u>12.1</u>	<u>12.4</u>	<u>12.3</u>	<u>12.3</u>
SPEC. COND.(UMHOS/CM)	<u>1.80</u>	<u>2.1</u>	<u>1.5</u>	<u>2.1</u>
TEMPERATURE (C)	<u>13.0</u>	<u>14</u>	<u>13</u>	<u>13</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Cloudy 80°F

SAMPLE APPEARANCE Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Dail W. H.

DATE 8/15/96



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCC / RFI / NY

GAI PROJECT NO.

963-9117

SAMPLE ID.

RFI-17

SOURCE CODES: RIVER OR STREAM (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

DATE (yy/mm/dd) 96/6/11 TIME (24 HR CLOCK) 13:45 ELAPSED HRS. 27
PUMPING VOL.(Gal.) 14 GAL. PURGED (Gal.) 3.5 TO DRY
PURGING DEVICE (SEE BELOW) E PURGING DEVICE MATERIAL HDPF DEDICATED (Y/N)

SAMPLE COLLECTION INFORMATION

AMPLING DATE (yy/mm/dd) 96/6/12 TIME (24 HR CLOCK) 13:45 MATRIX WATER
AMPLING DEVICE (SEE BELOW) E DEDICATED (Y/N) FILTERED (Y/N)
AMPLING DEVICE MATERIAL HDPF SAMPLE TYPE - (GRAB) COMPOSITE (CIRCLE ONE)

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOP LAND ELEVATION (FT./MSL) N/A
REF. PT. ELEV.(FT. MSL) N/A WELL DEPTH (FT.) 14.09
DEPTH TO WATER (REF. PT.) 5.56 STICKUP (FT.) N/A
WELL ELEV.(FT. MSL) N/A WELL DIAMETER (INCHES) 2.0

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Sample	Initial Sample	Final Sample
pH (STD)	<u>7.7</u>	<u>7.7</u>	<u>7.6</u>	<u>7.6</u>
SPEC. COND.(UMHOS/CM)	<u>0.80</u>	<u>0.80</u>	<u>0.9</u>	<u>0.8</u>
TEMPERATURE (C)	<u>12</u>	<u>12</u>	<u>12</u>	<u>12</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Sun 80°F

SAMPLE APPEARANCE

Brown Turbid

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

Die Wh

DATE

8/15/96



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCC / RFI / NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI-18

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

DATE (yy/mm/dd) 96/6/11
PUMPING VOL. (Gal.) 43
PUMPING DEVICE (SEE BELOW) E

TIME (24 HR CLOCK) 12:50
GAL. PURGED (Gal.) 3 TO DRY
PUMPING DEVICE MATERIAL HDPE
ELAPSED HRS. 24
DEDICATED (Y/N)

SAMPLE COLLECTION INFORMATION

AMPLING DATE (yy/mm/dd) 96/6/12
AMPLING DEVICE (SEE BELOW) E
AMPLING DEVICE MATERIAL HDPE

TIME (24 HR CLOCK) 12:50
DEDICATED (Y/N)
SAMPLE TYPE - GRAB COMPOSITE (CIRCLE ONE)
MATRIX FILTERED (Y/N) WATER

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOP
REF. PT. ELEV. (FT. MSL) N/A
DEPTH TO WATER (REF. PT.) 7.75
GW. ELEV. (FT. MSL) N/A

LAND ELEVATION (FT./MSL) N/A
WELL DEPTH (FT.) 15.84
STICKUP (FT.) N/A
WELL DIAMETER (INCHES) 2.0

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Sample	Initial Sample	Final Sample
pH (STD)	<u>6.7</u>	<u>6.8</u>	<u>6.7</u>	<u>6.7</u>
SPEC. COND. (UMHOS/CM)	<u>7.3</u>	<u>7.5</u>	<u>5.6</u>	<u>5.6</u>
TEMPERATURE (C)	<u>14</u>	<u>14</u>	<u>14</u>	<u>15</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 80°F

SAMPLE APPEARANCE Slightly grey turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Dina Wilh

DATE 8/15/96



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCC / RFI / NY

GAI PROJECT NO. 963-9117

SOURCE CODES: RIVER OR STREAM (WELL) SOIL, OTHER (CIRCLE ONE)

SAMPLE ID. RFI-19D

PURGING INFORMATION (IF APPLICABLE)

DATE (yy/mm/dd) 96/6/12 TIME (24 HR CLOCK) 14:40 ELAPSED HRS. 24
PURGING VOL. (Gal.) 5.3 GAL. PURGED (Gal.) 16
PURGING DEVICE (SEE BELOW) E PURGING DEVICE MATERIAL HDPE DEDICATED (Y/N)

SAMPLE COLLECTION INFORMATION

AMPLING DATE (yy/mm/dd) 96/6/12 TIME (24 HR CLOCK) 15:20 MATRIX (Y/N) WATER
AMPLING DEVICE (SEE BELOW) E DEDICATED (Y/N)
AMPLING DEVICE MATERIAL HDPE SAMPLE TYPE - (GRAB) COMPOSITE (CIRCLE ONE)
AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOP LAND ELEVATION (FT./MSL) N/A
REF. PT. ELEV. (FT. MSL) N/A WELL DEPTH (FT.) 47.30
DEPTH TO WATER (REF. PT.) 14.67 STICKUP (FT.) N/A
GW. ELEV. (FT. MSL) N/A WELL DIAMETER (INCHES) 2.0

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Sample	Initial Sample	Final Sample
pH (STD)	<u>12.3</u>	<u>10.1</u>	<u>10.1</u>	<u>10.0</u>
SPEC. COND. (UMHOS/CM)	<u>2.20</u>	<u>0.30</u>	<u>0.3</u>	<u>0.4</u>
TEMPERATURE (C)	<u>13</u>	<u>13</u>	<u>13</u>	<u>13</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 80°F

SAMPLE APPEARANCE Mod. Brown turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Di Jh

DATE 8/15/96



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCC / RFI / NY

GAI PROJECT NO. 963-9117

SOURCE CODES: RIVER OR STREAM (WELL) SOIL, OTHER (CIRCLE ONE)

SAMPLE ID. RFI-20

PURGING INFORMATION (IF APPLICABLE)

DATE (yy/mm/dd) 96/6/11
PURGING VOL.(Gal.) 1.5
PURGING DEVICE (SEE BELOW) E

TIME (24 HR CLOCK) 14:15 ELAPSED HRS. 24
GAL. PURGED (Gal.) 4.5
PURGING DEVICE MATERIAL HDPE DEDICATED (Y/N)

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd) 96/6/11
SAMPLING DEVICE (SEE BELOW) E
SAMPLING DEVICE MATERIAL HDPE

TIME (24 HR CLOCK) 15:00 MATRIX WATER
DEDICATED (Y/N) FILTERED (Y/N)
SAMPLE TYPE - (GRAB) COMPOSITE (CIRCLE ONE)

A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOP
REF. PT. ELEV.(FT. MSL) N/A
DEPTH TO WATER (REF. PT.) 5.02
GW. ELEV.(FT. MSL) N/A

LAND ELEVATION (FT./MSL) N/A
WELL DEPTH (FT.) 14.01
STICKUP (FT.) N/A
WELL DIAMETER (INCHES) 2.0

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Sample	Initial Sample	Final Sample
pH (STD)	<u>7.1</u>	<u>7.1</u>	<u>7.1</u>	<u>7.1</u>
SPEC. COND.(UMHOS/CM)	<u>2.0</u>	<u>2.1</u>	<u>2.2</u>	<u>2.2</u>
TEMPERATURE (C)	<u>12</u>	<u>11</u>	<u>11</u>	<u>11</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sun 85°F

SAMPLE APPEARANCE Slightly turbid

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Daniel White

DATE 6/11/96



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCC / RFI / NY

GAI PROJECT NO.

963-9117

SAMPLE ID.

RFI-21D

SOURCE CODES: RIVER OR STREAM (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd) 96/6/11 TIME (24 HR CLOCK) 14:55 ELAPSED HRS. 24
CASING VOL.(Gal.) 4.5 GAL. PURGED (Gal.) 15
PURGING DEVICE (SEE BELOW) E PURGING DEVICE MATERIAL HDPE DEDICATED (Y/N)

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd) 96/6/11 TIME (24 HR CLOCK) 15:40 MATRIX WATER
SAMPLING DEVICE (SEE BELOW) E DEDICATED (Y/N) FILTERED (Y/N)
SAMPLING DEVICE MATERIAL HDPE SAMPLE TYPE - (GRAB) COMPOSITE (CIRCLE ONE)

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOP LAND ELEVATION (FT./MSL) N/A
REF. PT. ELEV.(FT. MSL) N/A WELL DEPTH (FT.) 42.35
DEPTH TO WATER (REF. PT.) 14.50 STICKUP (FT.) N/A
GW. ELEV.(FT. MSL) N/A WELL DIAMETER (INCHES) 2.0

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Sample	Initial Sample	Final Sample
pH (STD)	<u>8.6 0.70</u>	<u>8.0</u>	<u>8.2</u>	<u>8.2</u>
SPEC. COND.(UMHOS/CM)	<u>0.70</u>	<u>1.3</u>	<u>1.2</u>	<u>1.2</u>
TEMPERATURE (C)	<u>14.0</u>	<u>13</u>	<u>14</u>	<u>14</u>
OTHER (SPECIFY)	<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Sun 85°F

SAMPLE APPEARANCE

Clear - Sulfurous odor

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

Dan Wahn

DATE

6/11/96



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCC / RFI / NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI-22

SOURCE CODES: RIVER OR STREAM (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd) 96/6/12 TIME (24 HR CLOCK) 8:55 ELAPSED HRS. 24
CASING VOL. (Gal.) 3.3 GAL. PURGED (Gal.) 10
PURGING DEVICE (SEE BELOW) E PURGING DEVICE MATERIAL HDPE DEDICATED (Y)

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd) 96/6/12 TIME (24 HR CLOCK) 9:15 MATRIX (Y) WATER
SAMPLING DEVICE (SEE BELOW) E DEDICATED (Y) FILTERED (Y/N)
SAMPLING DEVICE MATERIAL HDPE SAMPLE TYPE - (GRAB) COMPOSITE (CIRCLE ONE)

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOP LAND ELEVATION (FT./MSL) N/A
REF. PT. ELEV. (FT. MSL) N/A WELL DEPTH (FT.) 37.01
DEPTH TO WATER (REF. PT.) 16.76 STICKUP (FT.) N/A
GW. ELEV. (FT. MSL) N/A WELL DIAMETER (INCHES) 2.0

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Sample	Initial Sample	Final Sample
pH (STD)	<u>9.0</u>	<u>9.4</u>	<u>9.4</u>	<u>9.5</u>
SPEC. COND. (UMHOS/CM)	<u>3.3</u>	<u>2.5</u>	<u>2.5</u>	<u>3.2</u>
TEMPERATURE (C)	<u>10</u>	<u>11</u>	<u>11</u>	<u>11</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Cloudy 80°F

SAMPLE APPEARANCE Dark brown "Start beer" - Pesticide Odor

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Dan Welch

DATE 6/12/96



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCC / RFI / NY

GAI PROJECT NO.

963-9117

SAMPLE ID.

RFI-23D

SOURCE CODES: RIVER OR STREAM (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

URGENCE DATE (yy/mm/dd) 96 / 6 / 11 TIME (24 HR CLOCK) 0840 ELAPSED HRS. 24
CASING VOL (Gal.) 7.6 GAL. PURGED (Gal.) 12.0 TO DRY
PURGING DEVICE (SEE BELOW) E PURGING DEVICE MATERIAL HDPE DEDICATED (Y/N)

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd) 96 / 6 / 12 TIME (24 HR CLOCK) 9:45 MATRIX WATER
SAMPLING DEVICE (SEE BELOW) E DEDICATED (Y/N) FILTERED (Y/N)
SAMPLING DEVICE MATERIAL HOPE SAMPLE TYPE - (GRAB) COMPOSITE (CIRCLE ONE)

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAULER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOP LAND ELEVATION (FT./MSL) NA
REF. PT. ELEV. (FT. MSL) NA WELL DEPTH (FT.) 64.40
DEPTH TO WATER (REF. PT.) 64.4 STICKUP (FT.) NA
GW. ELEV. (FT. MSL) NA WELL DIAMETER (INCHES) 2.0

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Sample	Initial Sample	Final Sample
pH (STD)	<u>11.3</u>	<u>10.6</u>	<u>11.9</u>	<u>12.1</u>
SPEC. COND. (UMHOS/CM)	<u>0.90</u>	<u>0.60</u>	<u>1.0</u>	<u>1.2</u>
TEMPERATURE (C)	<u>14.0</u>	<u>14.0</u>	<u>14.0</u>	<u>14</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

750 SUNNY

SAMPLE APPEARANCE

Light Gray turbidity with gray flocculate

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

Dai Ah

DATE

8/15/96



SAMPLE COLLECTION INFORMATION FORM

AI PROJECT NAME BCC, RFI, NY

GAI PROJECT NO.

963-9117

SAMPLE ID.

RFI-24

SOURCE CODES: RIVER OR STREAM WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd) 96/6/12 TIME (24 HR CLOCK) 15:35 ELAPSED HRS. 24
CASING VOL.(Gal.) 3.5 GAL. PURGED (Gal.) 11
PURGING DEVICE (SEE BELOW) E PURGING DEVICE MATERIAL HDPE DEDICATED Y

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd) 96/6/12 TIME (24 HR CLOCK) 16:00 MATRIX WATER
SAMPLING DEVICE (SEE BELOW) E DEDICATED Y
SAMPLING DEVICE MATERIAL HDPE SAMPLE TYPE - GRAB COMPOSITE (CIRCLE ONE)

A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOP LAND ELEVATION (FT./MSL) N/A
REF. PT. ELEV.(FT. MSL) N/A WELL DEPTH (FT.) 31.43
DEPTH TO WATER (REF. PT.) 10.27 STICKUP (FT.) N/A
GW. ELEV.(FT. MSL) N/A WELL DIAMETER (INCHES) 2.0

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Sample	Initial Sample	Final Sample
pH (STD)	<u>10.7</u>	<u>10.6</u>	<u>10.6</u>	<u>10.6</u>
SPEC. COND.(UMHOS/CM)	<u>1.2</u>	<u>1.0</u>	<u>1.0</u>	<u>0.9</u>
TEMPERATURE (C)	<u>18</u>	<u>20</u>	<u>20</u>	
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Sun 85°F

SAMPLE APPEARANCE

Dark grey-brown, turbid, oil blobs on surface

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

*Field Duplicate DUP sample collected here

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

Die W

DATE

8/15/96



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCC / RFI / NY

GAI PROJECT NO.

963-9117

SAMPLE ID.

RFI-25

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)

96 / 6 / 12

TIME (24 HR CLOCK)

16:30

ELAPSED HRS.

24

PURGING VOL.(Gal.)

3.0

GAL. PURGED (Gal.)

9

PURGING DEVICE MATERIAL

HDPE

DEDICATED (Y/N)

PURGING DEVICE (SEE BELOW)

E

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)

96 / 6 / 12

TIME (24 HR CLOCK)

16:50

MATRIX

WATER

SAMPLING DEVICE (SEE BELOW)

E

DEDICATED (Y/N)

FILTERED (Y/N)

SAMPLING DEVICE MATERIAL

HDPE

SAMPLE TYPE - GRAB COMPOSITE (CIRCLE ONE)

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT

TOP

LAND ELEVATION (FT./MSL)

N/A

REF. PT. ELEV.(FT. MSL)

N/A

WELL DEPTH (FT.)

31.60

DEPTH TO WATER (REF. PT.)

13.32

STICKUP (FT.)

N/A

GW. ELEV.(FT. MSL)

N/A

WELL DIAMETER (INCHES)

2.0

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Sample	Initial Sample	Final Sample
pH (STD)	<u>8.0</u>	<u>8.0</u>	<u>8.0</u>	<u>7.9</u>
SPEC. COND.(UMHOS/CM)	<u>1.6</u>	<u>1.5</u>	<u>1.5</u>	<u>1.7</u>
TEMPERATURE (C)	<u>13</u>	<u>14</u>	<u>14</u>	<u>13</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Sun 80°F

SAMPLE APPEARANCE

Black turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

MS / MSP Collected Here

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

Daniel Vukobratovic

DATE

8/15/96



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCC / RFI / NY

GAI PROJECT NO.

963-9117

SAMPLE ID.

RFI-26

SOURCE CODES: RIVER OR STREAM (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd) 96 / 6 / 11 TIME (24 HR CLOCK) 16:20 ELAPSED HRS. 24
CASING VOL.(Gal.) 4 GAL PURGED (Gal.) 12.0
PURGING DEVICE (SEE BELOW) E PURGING DEVICE MATERIAL HDPE DEDICATED (Y/N)

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd) 96 / 6 / 11 TIME (24 HR CLOCK) 16:45 MATRIX WATER
SAMPLING DEVICE (SEE BELOW) E DEDICATED (Y/N) FILTERED (Y/N)
SAMPLING DEVICE MATERIAL HDPE SAMPLE TYPE - (GRAB) COMPOSITE (CIRCLE ONE)

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOR LAND ELEVATION (FT./MSL) N/A
REF. PT. ELEV.(FT. MSL) N/A WELL DEPTH (FT.) 38.10
DEPTH TO WATER (REF. PT.) 44.03 STICKUP (FT.) N/A
GW. ELEV.(FT. MSL) N/A WELL DIAMETER (INCHES) 2.0

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Sample	Initial Sample	Final Sample
pH (STD)	<u>8.4</u>	<u>10.8</u>	<u>10.8</u>	<u>8.9</u>
SPEC. COND.(UMHOS/CM)	<u>4.2</u>	<u>8.3</u>	<u>8.3</u>	<u>8.4</u>
TEMPERATURE (C)	<u>13</u>	<u>15.0</u>	<u>15.0</u>	<u>15.0</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Sun 85°F

SAMPLE APPEARANCE

Dark purple brown

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

Dan W.

DATE

6/11/96



SAMPLE COLLECTION INFORMATION FORM

SAI PROJECT NAME BCC / RFI / NY

GAI PROJECT NO.

963-9117

SAMPLE ID.

RFI-27

SOURCE CODES: RIVER OR STREAM (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd) 96 / 6 / 11 TIME (24 HR CLOCK) 10:50 ELAPSED HRS. 24
CASING VOL.(Gal.) 22 GAL. PURGED (Gal.) 5.0 TO DEY
PURGING DEVICE (SEE BELOW) E PURGING DEVICE MATERIAL HDPE DEDICATED (Y) N

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd) 96 / 6 / 12 TIME (24 HR CLOCK) 10:45 MATRIX (Y) WATER
SAMPLING DEVICE (SEE BELOW) E DEDICATED (Y) N
SAMPLING DEVICE MATERIAL HDPE SAMPLE TYPE - (GRAB) COMPOSITE (CIRCLE ONE)

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOP LAND ELEVATION (FT./MSL) N/A
REF. PT. ELEV.(FT. MSL) N/A WELL DEPTH (FT.) 19.60
DEPTH TO WATER (REF. PT.) 5.68 STICKUP (FT.) N/A
GW. ELEV.(FT. MSL) N/A WELL DIAMETER (INCHES) 2.0

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Sample Purge	Initial Sample	Final Sample
pH (STD)	<u>8.8</u>	<u>8.6</u>	<u>8.9</u>	<u>8.9</u>
SPEC. COND.(UMHOS/CM)	<u>1.9</u>	<u>1.7</u>	<u>1.5</u>	<u>1.5</u>
TEMPERATURE (C)	<u>11</u>	<u>11</u>	<u>10</u>	<u>10</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Cloudy 80°F

SAMPLE APPEARANCE

Slightly turbid

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

Daniel W. H.

DATE

8/6/96



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCC / RFI / NY

GAI PROJECT NO.

963-9117

SAMPLE ID.

RFI-28

SOURCE CODES: RIVER OR STREAM WELL SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

DATE (yy/mm/dd) 96 / 6 / 11
PUMPING VOL. (Gal.) 16
PURGING DEVICE (SEE BELOW) E

TIME (24 HR CLOCK) 11:10
GAL. PURGED (Gal.) 3 TO DRY
PURGING DEVICE MATERIAL HDPE

ELAPSED HRS. 24
DEDICATED (Y) (N)

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd) 96 / 6 / 12
SAMPLING DEVICE (SEE BELOW) E
SAMPLING DEVICE MATERIAL HDPE

TIME (24 HR CLOCK) 11:10
DEDICATED (Y) (N)
SAMPLE TYPE - GRAB COMPOSITE (CIRCLE ONE)

MATRIX WATER
FILTERED (Y) (N)

A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOP
REF. PT. ELEV. (FT. MSL) N/A
DEPTH TO WATER (REF. PT.) 7.34
GW. ELEV. (FT. MSL) N/A

LAND ELEVATION (FT./MSL) N/A
WELL DEPTH (FT.) 17.38
STICKUP (FT.) N/A
WELL DIAMETER (INCHES) 2.0

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Sample	Initial Sample	Final Sample
pH (STD)	<u>8.3</u>	<u>7.9</u>	<u>8.4</u>	<u>8.6</u>
SPEC. COND. (UMHOS/CM)	<u>6.0</u>	<u>7.4</u>	<u>5.1</u>	<u>4.2</u>
TEMPERATURE (C)	<u>12</u>	<u>13</u>	<u>13</u>	<u>14</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

SAMPLE APPEARANCE

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

DATE

8/15/96

SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCC / RFI / NY
E ID. RFI-29

GAI PROJECT NO. 963-9117

SOURCE CODES: RIVER OR STREAM (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)
DATE (yy/mm/dd) 96/6/11 TIME (24 HR CLOCK) 17:05 ELAPSED HRS. 24
PUMPING VOL.(Gal.) 1.8 GAL. PURGED (Gal.) 5.0
PUMPING DEVICE (SEE BELOW) E PURGING DEVICE MATERIAL HDPE DEDICATED (Y/N)

SAMPLE COLLECTION INFORMATION
DATE (yy/mm/dd) 96/6/11 TIME (24 HR CLOCK) 17:30 MATRIX FILTERED (Y/N) (Y) WATER
PUMPING DEVICE (SEE BELOW) E DEDICATED (Y/N)
PUMPING DEVICE MATERIAL HDPE SAMPLE TYPE - (GRAB) COMPOSITE (CIRCLE ONE)
PUMP (A) PERISTALTIC PUMP (B) BLADDER PUMP (C) SCOOP/SHOVEL (D) BAILER (E) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)
REFERENCE POINT TOP LAND ELEVATION (FT./MSL) N/A
REF. PT. ELEV.(FT. MSL) N/A WELL DEPTH (FT.) 14.96
DIST. TO WATER (REF. PT.) 3.64 STICKUP (FT.) N/A
WELL ELEV.(FT. MSL) N/A WELL DIAMETER (INCHES) 2.0

FIELD MEASUREMENTS (FOUR REPLICATES)				
	Initial	Purge	Final Sample	Initial Sample
pH (STD)	<u>7.9</u>	<u>8.3</u>	<u>8.2</u>	<u>8.1</u>
SPEC. COND.(UMHOS/CM)	<u>7.7</u>	<u>5.5</u>	<u>6.1</u>	<u>6.2</u>
TEMPERATURE (C)	<u>11</u>	<u>12</u>	<u>12</u>	<u>12</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS
Sun 85°F
Very turbid - brown
WEATHER CONDITIONS
SAMPLE APPEARANCE
2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCC / RFI / NY
E ID. RFI - 30

GAI PROJECT NO. 963-9117

SOURCE CODES: RIVER OR STREAM (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)
DATE (yy/mm/dd) 96/6/11 TIME (24 HR CLOCK) 11:30 ELAPSED HRS. 24
PUMPING VOL. (Gal.) 1.7 GAL PURGED (Gal.) 3.5 TO DRY
PUMPING DEVICE (SEE BELOW) E PURGING DEVICE MATERIAL HDPE DEDICATED (Y/N)

SAMPLE COLLECTION INFORMATION
DATE (yy/mm/dd) 96/6/11 TIME (24 HR CLOCK) 11:30 MATRIX WATER
PUMPING DEVICE (SEE BELOW) E DEDICATED (Y/N)
PUMPING DEVICE MATERIAL HDPE SAMPLE TYPE - (GRAB) COMPOSITE (CIRCLE ONE)
PUMP (A) PERISTALTIC PUMP (B) BLADDER PUMP (C) SCOOPI/SPOON (D) SCOOP/SPOON (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)
REFERENCE POINT TOP LAND ELEVATION (FT./MSL) N/A
REF. PT. ELEV. (FT. MSL) N/A WELL DEPTH (FT.) 17.42
DEPTH TO WATER (REF. PT.) 6.98 STICKUP (FT.) N/A
W. ELEV. (FT. MSL) N/A WELL DIAMETER (INCHES) 2.0

FIELD MEASUREMENTS (FOUR REPLICATES)				
	Initial Purge	Final Sample	Initial Sample	Final Sample
pH (STD)	<u>7.3</u>	<u>7.2</u>	<u>7.4</u>	<u>7.4</u>
SPEC. COND. (UMHOS/CM)	<u>2.8</u>	<u>2.8</u>	<u>2.3</u>	<u>2.5</u>
TEMPERATURE (C)	<u>12</u>	<u>12</u>	<u>12</u>	<u>12</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Rain 80°F
SAMPLE APPEARANCE Brown - Turbid
2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.
DATE 8/15/96
SAMPLER SIGNATURE [Signature]



SAMPLE COLLECTION INFORMATION FORM

AI PROJECT NAME BCC / RFI / NY

GAI PROJECT NO.

963-9117

SAMPLE ID.

RFI-31

SOURCE CODES: RIVER OR STREAM WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)

96 / 6 / 11

TIME (24 HR CLOCK)

12:32

ELAPSED HRS.

24

CASING VOL.(Gal.)

14

GAL. PURGED (Gal.)

3 TO DRY

PURGING DEVICE (SEE BELOW)

E

PURGING DEVICE MATERIAL

HDPE

DEDICATED (Y/N)

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)

96 / 6 / 12

TIME (24 HR CLOCK)

12:30

MATRIX

WATER

SAMPLING DEVICE (SEE BELOW)

E

DEDICATED (Y/N)

FILTERED (Y/N)

SAMPLING DEVICE MATERIAL

HDPE

SAMPLE TYPE - GRAB COMPOSITE (CIRCLE ONE)

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT

TOP

LAND ELEVATION (FT./MSL)

N/A

REF. PT. ELEV.(FT. MSL)

N/A

WELL DEPTH (FT.)

16.12

WELL TO WATER (REF. PT.)

7.16

STICKUP (FT.)

N/A

WELL ELEV.(FT. MSL)

N/A

WELL DIAMETER (INCHES)

2.0

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Sample	Initial Sample	Final Sample
pH (STD)	<u>7.2</u>	<u>7.1</u>	<u>7.3</u>	<u>7.4</u>
SPEC. COND.(UMHOS/CM)	<u>10.8</u>	<u>12.5</u>	<u>8.6</u>	<u>8.6</u>
TEMPERATURE (C)	<u>12</u>	<u>11</u>	<u>13</u>	<u>13</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Sun 80°F

SAMPLE APPEARANCE

Slightly turbid - brown

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

[Signature]

DATE

8/15/96



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCC, RFI, NY

GAI PROJECT NO.

963-9117

SAMPLE ID.

RFI-32

SOURCE CODES: RIVER OR STREAM (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd) 96/6/11 TIME (24 HR CLOCK) 13:10 ELAPSED HRS. 24
CASING VOL.(Gal.) 1.8 GAL. PURGED (Gal.) 5 TO DRY
PURGING DEVICE (SEE BELOW) E PURGING DEVICE MATERIAL HDPE DEDICATED (Y/N)

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd) 96/6/12 TIME (24 HR CLOCK) 13:05 MATRIX (Y/N) WATER
SAMPLING DEVICE (SEE BELOW) E DEDICATED (Y/N)
SAMPLING DEVICE MATERIAL HDPE SAMPLE TYPE - (GRAB) COMPOSITE (CIRCLE ONE)

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOP LAND ELEVATION (FT./MSL) N/A
REF. PT. ELEV.(FT. MSL) N/A WELL DEPTH (FT.) 14.91
DEPTH TO WATER (REF. PT.) 3.91 STICKUP (FT.) N/A
GW. ELEV.(FT. MSL) N/A WELL DIAMETER (INCHES) 2.0

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Sample	Initial Sample	Final Sample
PH (STD)	<u>7.3</u>	<u>7.3</u>	<u>7.5</u>	<u>7.5</u>
SPEC. COND.(UMHOS/CM)	<u>0.90</u>	<u>0.90</u>	<u>1.0</u>	<u>0.9</u>
TEMPERATURE (C)	<u>11</u>	<u>11</u>	<u>12</u>	<u>13</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Sun 80°F

SAMPLE APPEARANCE

Moderate brown turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

Dina Wilh

DATE

8/15/96



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCC / RFI / NY

GAI PROJECT NO.

963-9117

SAMPLE ID.

RFI-33

SOURCE CODES: RIVER OR STREAM (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)

96 / 6 / 11

TIME (24 HR CLOCK)

13:30

ELAPSED HRS.

24

CASING VOL.(Gal.)

1.5

GAL PURGED (Gal.)

4.0 TO DRY

PURGING DEVICE (SEE BELOW)

E

PURGING DEVICE MATERIAL

HDPE

DEDICATED (Y/N)

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)

96 / 6 / 12

TIME (24 HR CLOCK)

13:30

MATRIX

WATER

SAMPLING DEVICE (SEE BELOW)

E

DEDICATED (Y/N)

FILTERED (Y/N)

SAMPLING DEVICE MATERIAL

HDPE

SAMPLE TYPE - (GRAB) COMPOSITE (CIRCLE ONE)

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT

TOP

LAND ELEVATION (FT./MSL)

N/A

REF. PT. ELEV.(FT. MSL)

N/A

WELL DEPTH (FT.)

9.35

TH TO WATER (REF. PT.)

0.22

STICKUP (FT.)

N/A

WELL ELEV.(FT. MSL)

N/A

WELL DIAMETER (INCHES)

2.0

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Sample	Initial Sample	Final Sample
pH (STD)	<u>9.3</u>	<u>7.5</u>	<u>7.5</u>	<u>7.5</u>
SPEC. COND.(UMHOS/CM)	<u>2.5</u>	<u>3.6</u>	<u>3.6</u>	<u>3.5</u>
TEMPERATURE (C)	<u>18</u>	<u>12</u>	<u>13</u>	<u>12</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Sun. 80°F

SAMPLE APPEARANCE

Moderate brown turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

[Signature]

DATE

8/15/96



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCC, RFI, NY GAI PROJECT NO. 963-9117
SAMPLE ID. RFI-RINSE SOURCE CODES: RIVER OR STREAM (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd) 96/6/12 TIME (24 HR CLOCK) N/A ELAPSED HRS. ---
CASING VOL (Gal.) --- GAL PURGED (Gal.) ---
PURGING DEVICE (SEE BELOW) E PURGING DEVICE MATERIAL TEFLON DEDICATED (Y/N)

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd) 96/6/12 TIME (24 HR CLOCK) 17:30 MATRIX (WATER)
SAMPLING DEVICE (SEE BELOW) E DEDICATED (Y/N)
SAMPLING DEVICE MATERIAL TEFLON SAMPLE TYPE - (GRAB) COMPOSITE (CIRCLE ONE)
(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOP LAND ELEVATION (FT. MSL) ---
REF. PT. ELEV. (FT. MSL) --- WELL DEPTH (FT.) N/A
DIST. TO WATER (REF. PT.) --- STICKUP (FT.) ---
GW. ELEV. (FT. MSL) --- WELL DIAMETER (INCHES) 2.0

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Sample	Initial Sample	Final Sample
pH (STD)	---	---	---	---
SPEC. COND. (UMHOS/CM)	---	---	N/A	---
TEMPERATURE (C)	---	---	---	---
OTHER (SPECIFY)	---	---	---	---

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

SUN 70°F

SAMPLE APPEARANCE

Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

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DATE

8/15/96

APPENDIX G-2

SAMPLE COLLECTION INFORMATION FORMS

Phase I
Groundwaters
August 1996



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME Bce, RFT, NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFT-16D

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>9/6/08/07</u>	TIME (24 HR CLOCK)	<u>1145</u>	ELAPSED HRS.	<u>21</u>
CASING VOL.(Gal.)	<u>6.7</u>	GAL. PURGED (Gal.)	<u>25 (DRY)</u>	DEDICATED	<u>(Y/N)</u>
PURGING DEVICE (SEE BELOW)	<u>e</u>	PURGING DEVICE MATERIAL	<u>HDPE</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>9/6/08/08</u>	TIME (24 HR CLOCK)	<u>0910</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>e</u>	DEDICATED	<u>(Y/N)</u>	FILTERED (Y/N)	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>HDPE</u>	SAMPLE TYPE	<u>GRAB/COMPOSITE (CIRCLE ONE)</u>		

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TON</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>63.8</u>
DEPTH TO WATER (REF. PT.)	<u>22.52</u>	STICKUP (FT.)	<u>N/A</u>
SW. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial purge	Final purge	Initial sample	Final sample
pH (STD)	<u>12.3</u>	<u>12.2</u>	<u>12.3</u>	<u>12.3</u>
SPEC. COND.(UMHOS/CM)	<u>1200</u>	<u>1200</u>	<u>1300</u>	<u>1100</u>
TEMPERATURE (C)	<u>14°</u>	<u>14°</u>	<u>18°</u>	<u>16°</u>
OTHER (SPECIFY)	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS 87° Sunny

SAMPLE APPEARANCE clear

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

DRY 7.5 gal

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [Signature]

DATE 8/15/06



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCE, RFI, NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI-17

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>96/08/06</u>	TIME (24 HR CLOCK)	<u>1315</u>	ELAPSED HRS.	<u>22</u>
CASING VOL.(Gal.)	<u>1.1</u>	GAL. PURGED (Gal.)	<u>3.5</u>	DM	
PURGING DEVICE (SEE BELOW)	<u>F</u>	PURGING DEVICE MATERIAL	<u>HDPE</u>	DEDICATED	<u>(N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>96/08/07</u>	TIME (24 HR CLOCK)	<u>1130</u>	MATRIX	<u>WATER</u>
SAMPLING DEVICE (SEE BELOW)	<u>e</u>	DEDICATED	<u>(Y/N)</u>	FILTERED	<u>(N)</u>
SAMPLING DEVICE MATERIAL	<u>HDPE</u>	SAMPLE TYPE	<u>(GRAB)</u>	COMPOSITE (CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TON</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>14.09</u>
DEPTH TO WATER (REF. PT.)	<u>7.30</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial purge	Final purge	Initial sample	Final sample
pH (STD)	<u>7.9</u>	<u>7.9</u>	<u>7.7</u>	<u>7.7</u>
SPEC. COND.(UMHOS/CM)	<u>0.70</u>	<u>0.80</u>	<u>900</u>	<u>900</u>
TEMPERATURE (C)	<u>17</u>	<u>13</u>	<u>19</u>	<u>20</u>
OTHER (SPECIFY)	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS 90° HAZY

SAMPLE APPEARANCE Brown - turbid

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [Signature]

DATE 8/15/96



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME Bce, RFI, NY GAI PROJECT NO. 463-9117
SAMPLE ID. RFI-18 SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd) 96/08/06 TIME (24 HR CLOCK) 1610 ELAPSED HRS. 19
CASING VOL.(Gal.) 1.29 GAL. PURGED (Gal.) 2.25 to dry
PURGING DEVICE (SEE BELOW) E PURGING DEVICE MATERIAL HDPE DEDICATED (Y/N)

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd) 96/08/07 TIME (24 HR CLOCK) 1100 MATRIX FILTERED (Y/N) H₂O
SAMPLING DEVICE (SEE BELOW) E DEDICATED (Y/N)
SAMPLING DEVICE MATERIAL HDPE SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT TOA LAND ELEVATION (FT./MSL) N/A
REF. PT. ELEV.(FT. MSL) N/A WELL DEPTH (FT.) 5.84
DEPTH TO WATER (REF. PT.) 7.90 STICKUP (FT.) N/A
V. ELEV.(FT. MSL) N/A WELL DIAMETER (INCHES) 2.0

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial purge	Final purge	Initial sample	Final sample
pH (STD)	<u>6.8</u> <u>12.7</u> <u>K₂</u>	<u>6.8</u>	<u>7.0</u>	<u>6.5</u>
SPEC. COND.(UMHOS/CM)	<u>3000</u> <u>1700</u> <u>K₂</u>	<u>3000</u>	<u>4200</u>	<u>3700</u>
TEMPERATURE (C)	<u>14</u> <u>15</u> <u>K₂</u>	<u>14</u>	<u>22</u>	<u>19</u>
OTHER (SPECIFY)	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS 85°F Sun
SAMPLE APPEARANCE Slight gray turbidity
2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

DATE

8/15/96



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCE, RFT, NY

GAI PROJECT NO. 063-9117

SAMPLE ID. RFE-190

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>96/08/06</u>	TIME (24 HR CLOCK)	<u>1550</u>	ELAPSED HRS.	<u>18.5</u>
CASING VOL.(Gal.)	<u>5.34</u>	GAL. PURGED (Gal.)	<u>16.0</u>	DEDICATED	<u>(Y/N)</u>
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>HDPE</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>96/08/07</u>	TIME (24 HR CLOCK)	<u>1120</u>	MATRIX	<u>H2O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y/N)</u>	FILTERED	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>HDPE</u>	SAMPLE TYPE -	<u>GRAB</u>	COMPOSITE (CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOA</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>47.30</u>
DEPTH TO WATER (REF. PT.)	<u>14.52</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.00</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>12.4</u>	<u>10.8</u>	<u>10.9</u>	<u>10.7</u>
SPEC. COND.(UMHOS/CM)	<u>1700</u>	<u>300</u>	<u>300</u>	<u>200</u>
TEMPERATURE (C)	<u>15.0</u>	<u>14.0</u>	<u>14.0</u>	<u>15.0</u>
OTHER (SPECIFY)	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sunny 90°F

SAMPLE APPEARANCE Mod. brown, Turbid

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [Signature] DATE 8/15/96



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME Bce, RFI, NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI-20

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>96/08/07</u>	TIME (24 HR CLOCK)	<u>1530</u>	ELAPSED HRS.	<u>19</u>
CASING VOL.(Gal.)	<u>1.39</u>	GAL. PURGED (Gal.)	<u>4.25</u>		
PURGING DEVICE (SEE BELOW)	<u>e</u>	PURGING DEVICE MATERIAL	<u>HDPE</u>	DEDICATED (Y/N)	<u>(Y)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>96/08/08</u>	TIME (24 HR CLOCK)	<u>1020</u>	MATRIX	<u>A20</u>
SAMPLING DEVICE (SEE BELOW)	<u>e</u>	DEDICATED (Y/N)	<u>(Y)</u>	FILTERED (Y/N)	<u>(N)</u>
SAMPLING DEVICE MATERIAL	<u>HDPE</u>	SAMPLE TYPE -	<u>GRAB</u> /COMPOSITE (CIRCLE ONE)		

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TON</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>14.01</u>
DEPTH TO WATER (REF. PT.)	<u>5.51</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.2</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial purge	Final purge	Initial sample	Final sample
pH (STD)	<u>7.8</u>	<u>7.8</u>	<u>7.8</u>	<u>7.7</u>
SPEC. COND.(UMHOS/CM)	<u>1500</u>	<u>1700</u>	<u>1800</u>	<u>1700</u>
TEMPERATURE (C)	<u>16.2</u>	<u>17.0</u>	<u>22.0</u>	<u>17.0</u>
OTHER (SPECIFY)	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS 90° HAZY

SAMPLE APPEARANCE milk choc. BROWN

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Bailed Dry

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [Signature]

DATE 8/15/96



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME Bce, RFT, NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFT-21D

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>96/04/27</u>	TIME (24 HR CLOCK)	<u>1500</u>	ELAPSED HRS.	<u>25 min</u>
CASING VOL.(Gal.)	<u>4.59</u>	GAL PURGED (Gal.)	<u>14.0</u>	DEDICATED	<u>(Y/N)</u>
PURGING DEVICE (SEE BELOW)	<u>e</u>	PURGING DEVICE MATERIAL	<u>HDPE</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>96/06/07</u>	TIME (24 HR CLOCK)	<u>1525</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>e</u>	DEDICATED	<u>(Y/N)</u>	FILTERED (Y/N)	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>HDPE</u>	SAMPLE TYPE -	<u>GRAB</u>	COMPOSITE (CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>Top</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>14.52</u>	WELL DEPTH (FT.)	<u>42.35</u>
DEPTH TO WATER (REF. PT.)	<u>14.52</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial purge	Final purge	Initial sample	Final sample
pH (STD)	<u>10.1</u>	<u>8.9</u>	<u>8.9</u>	<u>8.9</u>
SPEC. COND.(UMHOS/CM)	<u>500</u>	<u>1300</u>	<u>1300</u>	<u>1200</u>
TEMPERATURE (C)	<u>14°</u>	<u>22°</u>	<u>22°</u>	<u>18°</u>
OTHER (SPECIFY)	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS 90° Sunny

SAMPLE APPEARANCE Clear

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

DATE 8/15/96



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCC, RFI, NY

GAI PROJECT NO. 463-9117

SAMPLE ID. RFI-22

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>9/6/08/06</u>	TIME (24 HR CLOCK)	<u>1425</u>	ELAPSED HRS.	<u>10 min.</u>
CASING VOL.(Gal.)	<u>3.3</u>	GAL. PURGED (Gal.)	<u>10.0</u>		
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>HDPE</u>	DEDICATED	<u>(X/N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>9/6/08/06</u>	TIME (24 HR CLOCK)	<u>1435</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(X/N)</u>	FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	<u>HDPE</u>	SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TON</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>37.01</u>
DEPTH TO WATER (REF. PT.)	<u>16.71</u>	STICKUP (FT.)	<u>N/A</u>
N. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial purge	Final purge	Initial sample	Final sample
pH (STD)	<u>9.2</u>	<u>9.4</u>	<u>9.4</u>	<u>9.3</u>
SPEC. COND.(UMHOS/CM)	<u>1,400</u>	<u>2000</u>	<u>2000</u>	<u>1900</u>
TEMPERATURE (C)	<u>21</u>	<u>16</u>	<u>16</u>	<u>17</u>
OTHER (SPECIFY)	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS SUNNY, HOT, HUMID 88°F

SAMPLE APPEARANCE BLACK - OPAQUE

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [Signature] DATE 8/15/06



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCE, RFT, NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFT-23D

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>96/08/00</u>	TIME (24 HR CLOCK)	<u>1445</u>	ELAPSED HRS.	<u>24</u>
CASING VOL (Gal.)	<u>7.7</u>	GAL. PURGED (Gal.)	<u>10 to per</u>		
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>HDPE</u>	DEDICATED	<u>(Y/N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>96/09/07</u>	TIME (24 HR CLOCK)	<u>1458</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y/N)</u>	FILTERED	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>HDPE</u>	SAMPLE TYPE	<u>GRAB</u>	COMPOSITE	(CIRCLE ONE)

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TON</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>64.40</u>
DEPTH TO WATER (REF. PT.)	<u>17.28</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial	Purge	Final	Purge	Initial	Sample	Final	Sample
pH (STD)		<u>11.2</u>		<u>10.8</u>		<u>11.2</u>		<u>11.5</u>
SPEC. COND.(UMHOS/CM)		<u>600</u>		<u>600</u>		<u>600</u>		<u>600</u>
TEMPERATURE (C)		<u>16</u>		<u>15</u>		<u>20</u>		<u>19</u>
OTHER (SPECIFY)		<u>—</u>		<u>—</u>		<u>—</u>		<u>—</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS 90° Haze

SAMPLE APPEARANCE light gray turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [Signature]

DATE 8/15/96

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCC, RFT, NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFT-24

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>9/6/08/08</u>	TIME (24 HR CLOCK)	<u>11:30</u>	ELAPSED HRS.	<u>0.5</u>
CASING VOL.(Gal.)	<u>3.4</u>	GAL. PURGED (Gal.)	<u>10.2</u>	DEDICATED <u>(Y/N)</u>	
PURGING DEVICE (SEE BELOW)	<u>e</u>	PURGING DEVICE MATERIAL	<u>HDPE</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>9/6/08/08</u>	TIME (24 HR CLOCK)	<u>12:00</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>e</u>	DEDICATED <u>(Y/N)</u>		FILTERED <u>(Y/N)</u>	
SAMPLING DEVICE MATERIAL	<u>HDPE</u>	SAMPLE TYPE <u>(GRAB/COMPOSITE)</u> (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TON</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>31.43</u>
DEPTH TO WATER (REF. PT.)	<u>10.14</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial purge	Final purge	Initial sample	Final sample
pH (STD)	<u>10.9</u>	<u>10.6</u>	<u>10.6</u>	<u>10.6</u>
SPEC. COND.(UMHOS/CM)	<u>300</u>	<u>600</u>	<u>600</u>	<u>600</u>
TEMPERATURE (C)	<u>24°</u>	<u>22°</u>	<u>22°</u>	<u>21°</u>
OTHER (SPECIFY)	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS 70° RAIN

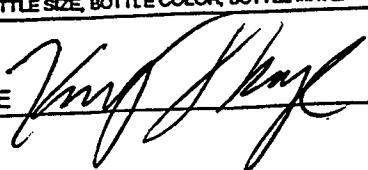
SAMPLE APPEARANCE CHOCOLATE GRAY

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE



DATE

8/15/06



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCE, RFT, NY

GAI PROJECT NO. 063-9117

SAMPLE ID. RFT-25

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>9/6/08/08</u>	TIME (24 HR CLOCK)	<u>1030</u>	ELAPSED HRS.	<u>1</u>
CASING VOL.(Gal.)	<u>3</u>	GAL. PURGED (Gal.)	<u>9</u>	DEDICATED ☒ Y/N	
PURGING DEVICE (SEE BELOW)	<u>e</u>	PURGING DEVICE MATERIAL	<u>HDPE</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>9/6/08/08</u>	TIME (24 HR CLOCK)	<u>1110</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>e</u>	DEDICATED ☒ Y/N		FILTERED ☒ Y/N	
SAMPLING DEVICE MATERIAL	<u>HDPE</u>	SAMPLE TYPE - ☒ GRAB/COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TON</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>31.60</u>
DEPTH TO WATER (REF. PT.)	<u>13.13</u>	STICKUP (FT.)	<u>N/A</u>
WELL ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.00</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial	Final	Initial	Final
	<u>Purge</u>	<u>Purge</u>	<u>Sample</u>	<u>Sample</u>
pH (STD)	<u>8.5</u>	<u>8.5</u>	<u>8.3</u>	<u>8.2</u>
SPEC. COND.(UMHOS/CM)	<u>700</u>	<u>1200</u>	<u>1200</u>	<u>1000</u>
TEMPERATURE (C)	<u>14°</u>	<u>15°</u>	<u>15°</u>	<u>16°</u>
OTHER (SPECIFY)	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS 76°F RAIN

SAMPLE APPEARANCE Very Black/Blue Diesel Fuel Smell

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Field Dup Taken

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [Signature]

DATE 8/15/06

SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME Bce, RFI, NY

GAI PROJECT NO. 463-9117

SAMPLE ID. RFI-26

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>9/6/08/07</u>	TIME (24 HR CLOCK)	<u>14:00</u>	ELAPSED HRS.	<u>20 min</u>
CASING VOL.(Gal.)	<u>3.9</u>	GAL. PURGED (Gal.)	<u>11.8</u>	DEDICATED	<u>(N)</u>
PURGING DEVICE (SEE BELOW)	<u>e</u>	PURGING DEVICE MATERIAL	<u>HDPE</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>9/6/08/07</u>	TIME (24 HR CLOCK)	<u>14:20</u>	MATRIX	<u>H2O</u>
SAMPLING DEVICE (SEE BELOW)	<u>e</u>	DEDICATED	<u>(N)</u>	FILTERED (Y/N)	<u>(N)</u>
SAMPLING DEVICE MATERIAL	<u>HDPE</u>	SAMPLE TYPE	<u>GRAB</u>	COMPOSITE (CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TON</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>38.10</u>
DEPTH TO WATER (REF. PT.)	<u>13.86</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial	Final	Initial	Final
pH (STD)	<u>7.7</u>	<u>10.8</u>	<u>10.8</u>	<u>10.8</u>
SPEC. COND.(UMHOS/CM)	<u>2900</u>	<u>4500</u>	<u>4500</u>	<u>3100</u>
TEMPERATURE (C)	<u>15°</u>	<u>15°</u>	<u>15°</u>	<u>16°</u>
OTHER (SPECIFY)	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

90° F Sun

SAMPLE APPEARANCE

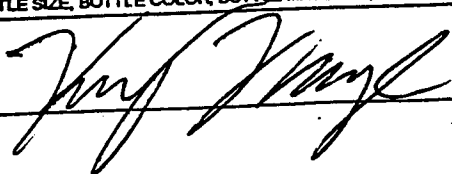
Dark purple - brown

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE



DATE

8/15/96



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME Bce, RFT, NY

GAI PROJECT NO. 063-9117

SAMPLE ID. RFT-27

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>96/08/00</u>	TIME (24 HR CLOCK)	<u>1245</u>	ELAPSED HRS.	<u>22</u>
CASING VOL.(Gal.)	<u>2.20</u>	GAL. PURGED (Gal.)	<u>5.0 today</u>		
PURGING DEVICE (SEE BELOW)	<u>e</u>	PURGING DEVICE MATERIAL	<u>HDP</u>	DEDICATED	<u>(P/N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>96/08/07</u>	TIME (24 HR CLOCK)	<u>1015</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>e</u>	DEDICATED	<u>(P/N)</u>	FILTERED	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>HDP</u>	SAMPLE TYPE -	<u>GRAB</u>	COMPOSITE (CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TON</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>19.60</u>
DEPTH TO WATER (REF. PT.)	<u>5.71</u>	STICKUP (FT.)	<u>N/A</u>
I. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial purge	Final purge	Initial sample	Final sample
pH (STD)	<u>8.6</u>	<u>8.4</u>	<u>7.9</u>	<u>7.7</u>
SPEC. COND.(UMHOS/CM)	<u>1.5</u>	<u>1.5</u>	<u>1.7</u>	<u>1.6</u>
TEMPERATURE (C)	<u>12</u>	<u>12</u>	<u>11.6</u>	<u>15</u>
OTHER (SPECIFY)	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS 90° Sun

SAMPLE APPEARANCE Slightly turbid

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [Signature] DATE 8/15/96

SAMPLE COLLECTION INFORMATION FORM

 GAI PROJECT NAME BCE, RFI, NY

 GAI PROJECT NO. 963-9117

 SAMPLE ID. RFI-28

 SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>9/6/08/06</u>	TIME (24 HR CLOCK)	<u>1300</u>	ELAPSED HRS.	<u>22</u>
CASING VOL.(Gal.)	<u>45</u>	GAL. PURGED (Gal.)	<u>2.56 Dry</u>		
PURGING DEVICE (SEE BELOW)	<u>e</u>	PURGING DEVICE MATERIAL	<u>HDPE</u>	DEDICATED <u>(Y/N)</u>	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>9/6/08/07</u>	TIME (24 HR CLOCK)	<u>1045</u>	MATRIX	<u>420</u>
SAMPLING DEVICE (SEE BELOW)	<u>e</u>	DEDICATED <u>(Y/N)</u>		FILTERED <u>(Y/N)</u>	
SAMPLING DEVICE MATERIAL	<u>HDPE</u>	SAMPLE TYPE - <u>GRAB</u> /COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TON</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>1738</u>
PTH TO WATER (REF. PT.)	<u>8.01</u>	STICKUP (FT.)	<u>N/A</u>
I. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>8.0</u>	<u>7.9</u>	<u>8.2</u>	<u>8.4</u>
SPEC. COND.(UMHOS/CM)	<u>4.2</u>	<u>4.4</u>	<u>3.9</u>	<u>2.8</u>
TEMPERATURE (C)	<u>14</u>	<u>15</u>	<u>20</u>	<u>18</u>
OTHER (SPECIFY)	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

COMMENTS/CALCULATIONS

 WEATHER CONDITIONS 90° F HAZY

 SAMPLE APPEARANCE Dark brown, turbid

2" DIA. CASING CONTAINS .163 Gal./Fl.

4" DIA. CASING CONTAINS .652 Gal./Fl.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

 SAMPLER SIGNATURE [Signature]

 DATE 8/15/96



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCE, RFT, NY

GAI PROJECT NO. 063-9117

SAMPLE ID. 12FI-29

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>9/6/08/08</u>	TIME (24 HR CLOCK)	<u>1330</u>	ELAPSED HRS.	<u>0.5</u>
CASING VOL.(Gal.)	<u>1.76</u>	GAL PURGED (Gal.)	<u>5.3</u>	DEDICATED	<u>(Y/N)</u>
PURGING DEVICE (SEE BELOW)	<u>e</u>	PURGING DEVICE MATERIAL	<u>HDP</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>9/6/08/08</u>	TIME (24 HR CLOCK)	<u>1350</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>e</u>	DEDICATED	<u>(Y/N)</u>	FILTERED	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>HDP</u>	SAMPLE TYPE -	<u>GRAB</u>	COMPOSITE (CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TON</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>14.26</u>
DEPTH TO WATER (REF. PT.)	<u>4.13</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial purge	Final purge	Initial sample	Final sample
pH (STD)	<u>8.4</u>	<u>8.3</u>	<u>8.3</u>	<u>8.1</u>
SPEC. COND.(UMHOS/CM)	<u>3500</u>	<u>2400</u>	<u>2400</u>	<u>2500</u>
TEMPERATURE (C)	<u>16°</u>	<u>24°</u>	<u>24°</u>	<u>24°</u>
OTHER (SPECIFY)	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS 70°F Rainy

SAMPLE APPEARANCE Very turbid - brown

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [Signature] DATE 8/15/06



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCE, RFI, NY
SAMPLE ID. RFI-30

GAI PROJECT NO. 063-9117
SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>96/08/06</u>	TIME (24 HR CLOCK)	<u>1130</u>	ELAPSED HRS.	<u>21.5</u>
CASING VOL.(Gal.)	<u>1.4</u>	GAL. PURGED (Gal.)	<u>3.57000</u>	DEDICATED (Y/N)	<u>(Y)</u>
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>HDPE</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>96/08/07</u>	TIME (24 HR CLOCK)	<u>0900</u>	MATRIX	<u>1/20</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED (Y/N)	<u>(Y)</u>	FILTERED (Y/N)	<u>(N)</u>
SAMPLING DEVICE MATERIAL	<u>HDPE</u>	SAMPLE TYPE	<u>GRAB</u>	COMPOSITE (CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOL</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>17.42</u>
DEPTH TO WATER (REF. PT.)	<u>6.93</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial purge	Final purge	Initial sample	Final sample
pH (STD)	<u>7.1</u>	<u>7.3</u>	<u>7.3</u>	<u>7.3</u>
SPEC. COND.(UMHOS/CM)	<u>1500</u>	<u>1900</u>	<u>1900</u>	<u>1800</u>
TEMPERATURE (C)	<u>14</u>	<u>14</u>	<u>19°</u>	<u>16°</u>
OTHER (SPECIFY)	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS 80°F Sunny

SAMPLE APPEARANCE Turbid - brown

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

[Signature]

DATE

8/15/96



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCC, RFT, NY

GAI PROJECT NO. 063-9117

SAMPLE ID. RFT-31

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>96/08/06</u>	TIME (24 HR CLOCK)	<u>1120</u>	ELAPSED HRS.	<u>22</u>
CASING VOL (Gal.)	<u>1.44</u>	GAL. PURGED (Gal.)	<u>4.5 Gal to dry</u>		
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>HDPE</u>	DEDICATED	<u>(Y/N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>96/08/07</u>	TIME (24 HR CLOCK)	<u>0950</u>	MATRIX	<u>Water</u>
SAMPLING DEVICE (SEE BELOW)	<u>C</u>	DEDICATED- <u>(Y/N)</u>		FILTERED (Y/N)	<u>(Y)</u>
SAMPLING DEVICE MATERIAL	<u>HDPE</u>	SAMPLE TYPE - <u>GRAB</u> /COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TON</u>	LAND ELEVATION (FT./MSL)	<u>---</u>
REF. PT. ELEV. (FT. MSL)	<u>---</u>	WELL DEPTH (FT.)	<u>16.12</u>
DEPTH TO WATER (REF. PT.)	<u>7.29</u>	STICKUP (FT.)	<u>---</u>
W. ELEV. (FT. MSL)	<u>---</u>	WELL DIAMETER (INCHES)	<u>2.00</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial purge	Final purge	Initial sample	Final sample
pH (STD)	<u>6.9</u>	<u>7.0</u>	<u>7.4</u>	<u>7.3</u>
SPEC. COND. (UMHOS/CM)	<u>3900</u>	<u>3700</u>	<u>5400</u>	<u>4100</u>
TEMPERATURE (C)	<u>14</u>	<u>14</u>	<u>20°</u>	<u>18°</u>
OTHER (SPECIFY)	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS 90°F 1427

SAMPLE APPEARANCE Slightly turbid, brown

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [Signature] DATE 8/15/96

SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCC, RFT, NY
 SAMPLE ID. RFT-32

GAI PROJECT NO. 963-9117
 SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>9/6/08/06</u>	TIME (24 HR CLOCK)	<u>11:05</u>	ELAPSED HRS.	<u>22</u>
CASING VOL.(Gal.)	<u>1.75</u>	GAL. PURGED (Gal.)	<u>5.0</u>	to day	
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>HDPE</u>	DEDICATED	<u>(Y/N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>9/6/08/07</u>	TIME (24 HR CLOCK)	<u>0930</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y/N)</u>	FILTERED	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>HDPE</u>	SAMPLE TYPE	<u>GRAB/COMPOSITE (CIRCLE ONE)</u>		

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TON</u>	LAND ELEVATION (FT./MSL)	<u>---</u>
REF. PT. ELEV.(FT. MSL)	<u>---</u>	WELL DEPTH (FT.)	<u>14.27</u>
DEPTH TO WATER (REF. PT.)	<u>4.20</u>	STICKUP (FT.)	<u>---</u>
W. ELEV.(FT. MSL)	<u>---</u>	WELL DIAMETER (INCHES)	<u>---</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial purge	Final purge	Initial sample	Final sample
pH (STD)	<u>7.3</u>	<u>7.2</u>	<u>7.7</u>	<u>7.5</u>
SPEC. COND.(UMHOS/CM)	<u>600</u>	<u>800</u>	<u>900</u>	<u>900</u>
TEMPERATURE (C)	<u>20</u>	<u>12</u>	<u>21</u>	<u>17</u>
OTHER (SPECIFY)	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS 90° F Hazy
 SAMPLE APPEARANCE Moderate brown turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.
 4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [Signature]

DATE 8/15/06



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME Bce y RFT, NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI 33

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>96/08/07</u>	TIME (24 HR CLOCK)	<u>0840</u>	ELAPSED HRS.	<u>24</u>
CASING VOL.(Gal.)	<u>1.30</u>	GAL PURGED (Gal.)	<u>3.0 + 0 DAY</u>		
PURGING DEVICE (SEE BELOW)	<u>e</u>	PURGING DEVICE MATERIAL	<u>TEFLON</u>	DEDICATED	<u>(Y/N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>96/08/08</u>	TIME (24 HR CLOCK)	<u>0840</u>	MATRIX	<u>H2O</u>
SAMPLING DEVICE (SEE BELOW)	<u>e</u>	DEDICATED	<u>(Y/N)</u>	FILTERED	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>NDC</u>	SAMPLE TYPE	<u>(G)AB</u>	COMPOSITE (CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOL</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>9.35</u>
DEPTH TO WATER (REF. PT.)	<u>1.02</u>	STICKUP (FT.)	<u>N/A</u>
V. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.00</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial	Purge	Final	Initial	Sample	Final	Sample
pH (STD)		<u>7.4</u>	<u>7.5</u>		<u>8.2</u>		<u>7.7</u>
SPEC. COND.(UMHOS/CM)		<u>2.70</u>	<u>2.60</u>		<u>300</u>		<u>2.80</u>
TEMPERATURE (C)		<u>24°</u>	<u>19°</u>		<u>20°</u>		<u>20°</u>
OTHER (SPECIFY)		<u>✓</u>	<u>✓</u>		<u>✓</u>		<u>✓</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS 80°F Sunny

SAMPLE APPEARANCE Moderate Brown Turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

DEY @ 3.0 gal

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

DATE

8/15/96

APPENDIX G-3

SAMPLE COLLECTION INFORMATION FORMS

**Supplemental Investigation
Groundwaters
June 1997**



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCE, RFI, NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI-24

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/06/17</u>	TIME (24 HR CLOCK)	<u>16:20</u>	ELAPSED HRS.	<u>24</u>
CASING VOL.(Gal.)	<u>3.6</u>	GAL. PURGED (Gal.)	<u>11</u>	DEDICATED	<u>(Y/N)</u>
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/06/18</u>	TIME (24 HR CLOCK)	<u>16:10</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y/N)</u>	FILTERED	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE -	<u>GRAB</u>	COMPOSITE (CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>31.44</u>
DEPTH TO WATER (REF. PT.)	<u>9.15</u>	STICKUP (FT.)	<u>N/A</u>
GW. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>10.0</u>	<u>10.2</u>	<u>10.1</u>	<u>10.2</u>
SPEC. COND. (UMHOS/CM)	<u>450</u>	<u>470</u>	<u>560</u>	<u>520</u>
TEMPERATURE (C)	<u>19</u>	<u>19</u>	<u>17</u>	<u>17</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Rain 70°F

SAMPLE APPEARANCE

Black - grey turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

Bottle Set 021

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

Dai W

DATE

6/20/97



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCC, RFI, NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI-25

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/06/17</u>	TIME (24 HR CLOCK)	<u>15:50</u>	ELAPSED HRS.	<u>24</u>
CASING VOL.(Gal.)	<u>3.2</u>	GAL. PURGED (Gal.)	<u>10</u>	DEDICATED	☒ Y ☐ N
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/06/18</u>	TIME (24 HR CLOCK)	<u>15:40</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>F</u>	DEDICATED	☒ Y ☐ N	FILTERED	☒ Y ☐ N
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE -	☒ GRAB ☐ COMPOSITE (CIRCLE ONE)		

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOL</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>31.62</u>
DEPTH TO WATER (REF. PT.)	<u>12.02</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>7.3</u>	<u>7.4</u>	<u>7.3</u>	<u>7.4</u>
SPEC. COND. ^{ppm} (UMHOS/CM)	<u>960</u>	<u>1030</u>	<u>1120</u>	<u>1030</u>
TEMPERATURE (C)	<u>14</u>	<u>14</u>	<u>12</u>	<u>12</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Rain 70°F

SAMPLE APPEARANCE Gray Turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Bottle Set 024

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

Dan Wh

DATE 6/20/97



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCC / RFI / NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI-34

SOURCE CODES: RIVER OR STREAM, (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/06/17</u>	TIME (24 HR CLOCK)	<u>11:05</u>	ELAPSED HRS.	<u>23</u>
CASING VOL.(Gal.)	<u>3.0</u>	GAL. PURGED (Gal.)	<u>9</u>	DEDICATED <u>(Y/N)</u>	
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/06/18</u>	TIME (24 HR CLOCK)	<u>10:15</u>	MATRIX	<u>23</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED <u>(Y/N)</u>		FILTERED <u>(Y/N)</u>	
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE - <u>(GRAB)</u> COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>28</u> 92
DEPTH TO WATER (REF. PT.)	<u>10.70</u>	STICKUP (FT.)	<u>N/A</u>
GW. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>7.1</u>	<u>6.9</u>	<u>7.6</u>	<u>7.1</u>
SPEC. COND. (UMHOS/CM)	<u>1550</u>	<u>>1990</u>	<u>71990</u>	<u>71990</u>
TEMPERATURE (C)	<u>11</u>	<u>12</u>	<u>10</u>	<u>12</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Rain 70°F

SAMPLE APPEARANCE

Brown Turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

Bottle Set 005

RFI-34 duplicate (RFI-34DUP) collected here (Bottle Set 009)

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

Dave W

DATE

6/20/97



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCC, RFI, NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI-35

SOURCE CODES: RIVER OR STREAM WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/06/17</u>	TIME (24 HR CLOCK)	<u>10:50</u>	ELAPSED HRS.	<u>23</u>
CASING VOL.(Gal.)	<u>1.6</u>	GAL. PURGED (Gal.)	<u>4.8</u>	DEDICATED	<u>(Y)</u>
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/06/18</u>	TIME (24 HR CLOCK)	<u>9:50</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y)</u>	FILTERED	<u>(Y)</u>
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE	<u>GRAB</u>	COMPOSITE (CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>14.34</u>
DEPTH TO WATER (REF. PT.)	<u>4.75</u>	STICKUP (FT.)	<u>N/A</u>
GW. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>6.6</u>	<u>6.7</u>	<u>6.9</u>	<u>6.8</u>
SPEC. COND.(UMHOS/CM)	<u>71990</u>	<u>71990</u>	<u>71990</u>	<u>71990</u>
TEMPERATURE (C)	<u>16</u>	<u>14</u>	<u>15</u>	<u>15</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Rain 65°F

SAMPLE APPEARANCE Slight Brown turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Bottle Set 004

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Dail Oh DATE 6/20/97



SAMPLE COLLECTION INFORMATION FORM

AI PROJECT NAME BCC, RFI, NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI-26

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/06/17</u>	TIME (24 HR CLOCK)	<u>10:15</u>	ELAPSED HRS.	<u>23</u>
CASING VOL.(Gal.)	<u>17</u>	GAL. PURGED (Gal.)	<u>5.2</u>	DEDICATED	<u>(Y/N)</u>
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.F.</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/06/18</u>	TIME (24 HR CLOCK)	<u>9:30</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y/N)</u>	FILTERED	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>P.F.</u>	SAMPLE TYPE -	<u>GRAB</u>	COMPOSITE (CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TO R</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>15.47</u>
DEPTH TO WATER (REF. PT.)	<u>51.4</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>6.6</u>	<u>6.8</u>	<u>6.7</u>	<u>7.2</u>
SPEC. COND. (µMHO/CM)	<u>1800</u>	<u>1990</u>	<u>1990</u>	<u>1900</u>
TEMPERATURE (C)	<u>13</u>	<u>14</u>	<u>13</u>	<u>15</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Rain

SAMPLE APPEARANCE

Brown turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Bottle Set 003

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

[Signature]

DATE

6/20/97



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCC / RFI / NY

GAI PROJECT NO.

963-9117

SAMPLE ID.

RFI - 37

SOURCE CODES: RIVER OR STREAM, WELL SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/06/17</u>	TIME (24 HR CLOCK)	<u>13:00</u>	ELAPSED HRS.	<u>23 1/2</u>
CASING VOL. (Gal.)	<u>3.0</u>	GAL. PURGED (Gal.)	<u>9</u>	DEDICATED	<u>(Y/N)</u>
PURGING DEVICE (SEE BELOW)	<u>F</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/06/18</u>	TIME (24 HR CLOCK)	<u>12:40</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y/N)</u>	FILTERED	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE -	<u>(GRAB)</u>	COMPOSITE (CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV. (FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>20.11</u>
DEPTH TO WATER (REF. PT.)	<u>1.80</u>	STICKUP (FT.)	<u>N/A</u>
GW. ELEV. (FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>6.8</u>	<u>7.0</u>	<u>7.0</u>	<u>6.9</u>
SPEC. COND. (UMHOS/CM)	<u>1680</u>	<u>1620</u>	<u>1780</u>	<u>1240</u>
TEMPERATURE (C)	<u>14</u>	<u>14</u>	<u>15</u>	<u>15</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Rain 70°F

SAMPLE APPEARANCE

Brown turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

Bottle Set OIL

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

Don Wh

DATE

6/20/97



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCC, RFI, NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI-38

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/06/17</u>	TIME (24 HR CLOCK)	<u>11:35</u>	ELAPSED HRS.	<u>23</u>
CASING VOL.(Gal.)	<u>3.1</u>	GAL. PURGED (Gal.)	<u>10</u>	DEDICATED	<u>(Y)</u>
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/06/18</u>	TIME (24 HR CLOCK)	<u>10:40</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y)</u>	FILTERED	<u>(Y)</u>
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE -	<u>GRAB</u>	COMPOSITE (CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>26.88</u>
DEPTH TO WATER (REF. PT.)	<u>7.91</u>	STICKUP (FT.)	<u>N/A</u>
GW. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>4.1</u>	<u>4.3</u>	<u>4.1</u>	<u>4.2</u>
SPEC. COND. (UMHOS/CM)	<u>71990</u>	<u>71990</u>	<u>71990</u>	<u>71990</u>
TEMPERATURE (C)	<u>12</u>	<u>11</u>	<u>12</u>	<u>11</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Rain 70°F

SAMPLE APPEARANCE

Brown turbid

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

Bottle Set 010

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

Dan Al

DATE

6/20/97



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCC, RFI, NYGAI PROJECT NO. 963-9117SAMPLE ID. RFI-39SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/06/17</u>	TIME (24 HR CLOCK)	<u>13:48</u>	ELAPSED HRS.	<u>25</u>
CASING VOL.(Gal.)	<u>24</u>	GAL. PURGED (Gal.)	<u>7.5</u>	DEDICATED	<u>(Y)</u> N
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/06/18</u>	TIME (24 HR CLOCK)	<u>13:15</u>	MATRIX	<u>1120</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y)</u> N	FILTERED	<u>(Y)</u> N
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE -	<u>GRAB</u> COMPOSITE (CIRCLE ONE)		

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOP</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>22.60</u>
DEPTH TO WATER (REF. PT.)	<u>8.12</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>9.0</u>	<u>9.1</u>	<u>9.0</u>	<u>9.1</u>
SPEC. COND. ^{ppm} (UMHOS/CM)	<u>>1990</u>	<u>>1990</u>	<u>>1990</u>	<u>>1990</u>
TEMPERATURE (C)	<u>12</u>	<u>14</u>	<u>13</u>	<u>13</u>
OTHER (SPECIFY)	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Rain 70 °F

SAMPLE APPEARANCE

Brown-gray turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Bottle Set 012

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

Daniel WilDATE 6/20/97



SAMPLE COLLECTION INFORMATION FORM

JAI PROJECT NAME BCC / RFI / NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI - 40

SOURCE CODES: RIVER OR STREAM, (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/06/17</u>	TIME (24 HR CLOCK)	<u>14:20</u>	ELAPSED HRS.	<u>2 1/2</u>
CASING VOL.(Gal.)	<u>3.3</u>	GAL. PURGED (Gal.)	<u>10</u>	DEDICATED <u>(Y/N)</u>	<u>(Y)</u>
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/06/18</u>	TIME (24 HR CLOCK)	<u>13:55</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED <u>(Y/N)</u>	<u>(Y)</u>	FILTERED <u>(Y/N)</u>	<u>(Y)</u>
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE - <u>(GRAB)</u> /COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>31.95</u>
DEPTH TO WATER (REF. PT.)	<u>11.72</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>6.6</u>	<u>6.0</u>	<u>6.0</u>	<u>6.1</u>
SPEC. COND. (UMHOS/CM)	<u>1540</u>	<u>1830</u>	<u>7990</u>	<u>71990</u>
TEMPERATURE (C)	<u>12</u>	<u>12</u>	<u>12</u>	<u>11</u>
OTHER (SPECIFY)	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

SAMPLE APPEARANCE

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

DATE

6/20/97



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME RCC / RFI / NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI-41

SOURCE CODES: RIVER OR STREAM (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/06/17</u>	TIME (24 HR CLOCK)	<u>14:46</u>	ELAPSED HRS.	<u>24</u>
CASING VOL.(Gal.)	<u>2.7</u>	GAL. PURGED (Gal.)	<u>8.1</u>	DEDICATED <u>(Y/N)</u>	
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/06/18</u>	TIME (24 HR CLOCK)	<u>14:40</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED <u>(Y/N)</u>		FILTERED <u>(Y/N)</u>	
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE - <u>(GRAB)</u> /COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>27.98</u>
DEPTH TO WATER (REF. PT.)	<u>11.38</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>6.2</u>	<u>6.2</u>	<u>5.8</u>	<u>6.0</u>
SPEC. COND. (µMHO/CM)	<u>> 1990</u>	<u>> 1990</u>	<u>> 1990</u>	<u>> 1990</u>
TEMPERATURE (C)	<u>12</u>	<u>12</u>	<u>12</u>	<u>11</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Rain 70°F

SAMPLE APPEARANCE Brown Turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Bottle Set 001 - MS / MSD

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Dani Wh DATE 6/20/97



SAMPLE COLLECTION INFORMATION FORM

AI PROJECT NAME BCC, RFI, NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI-42

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/06/17</u>	TIME (24 HR CLOCK)	<u>8:52</u>	ELAPSED HRS.	<u>23 1/2</u>
CASING VOL. (Gal.)	<u>1.0</u>	GAL. PURGED (Gal.)	<u>2.5 TO DRY</u>		
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>PE</u>	DEDICATED	<u>(Y/N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/06/18</u>	TIME (24 HR CLOCK)	<u>8:20</u>	MATRIX	<u>SE H2O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y/N)</u>	FILTERED	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>PE</u>	SAMPLE TYPE -	<u>GRAB/COMPOSITE</u>	(CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV. (FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>20.63</u>
DEPTH TO WATER (REF. PT.)	<u>4.43</u>	STICKUP (FT.)	<u>N/A</u>
N. ELEV. (FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>7.1</u>	<u>7.0</u>	<u>7.1</u>	<u>7.0</u>
SPEC. COND. (UMHOS/CM)	<u>700</u>	<u>850</u>	<u>1030</u>	<u>930</u>
TEMPERATURE (C)	<u>14</u>	<u>14</u>	<u>12</u>	<u>12</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS ☁️ Rain, 65°F

SAMPLE APPEARANCE Brown turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Sample Set 006

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE Danielle DATE 6/20/97



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME Bcc / RFI / NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI - 43

SOURCE CODES: RIVER OR STREAM, (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/06/17</u>	TIME (24 HR CLOCK)	<u>9:15</u>	ELAPSED HRS.	<u>23 1/2</u>
CASING VOL.(Gal.)	<u>1.6</u>	GAL. PURGED (Gal.)	<u>3.5 TO DRY</u>		
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>	DEDICATED	<u>(Y/N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/06/18</u>	TIME (24 HR CLOCK)	<u>8:46</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y/N)</u>	FILTERED	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>PE</u>	SAMPLE TYPE -	<u>(GRAB) COMPOSITE</u>	(CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>15.62</u>
DEPTH TO WATER (REF. PT.)	<u>5.62</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>6.6</u>	<u>6.7</u>	<u>6.7</u>	<u>7.0</u>
SPEC. COND. (UMHOS/CM) ^{ppm}	<u>1460</u>	<u>1490</u>	<u>1510</u>	<u>1590</u>
TEMPERATURE (C)	<u>12</u>	<u>10</u>	<u>10</u>	<u>12</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Rain 65°F

SAMPLE APPEARANCE

Slight brown turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Sample set 007

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

Dave Will

DATE

6/20/97



SAMPLE COLLECTION INFORMATION FORM

PROJECT NAME BCC, RFI, NY

GAI PROJECT NO. 963-9117

SAMPLE ID. PZ-17

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/06/17</u>	TIME (24 HR CLOCK)	<u>9:45</u>	ELAPSED HRS.	<u>23 1/2</u>
CASING VOL. (Gal.)	<u>0.8</u>	GAL. PURGED (Gal.)	<u>25</u>	DEDICATED	<u>(Y/N)</u>
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/06/18</u>	TIME (24 HR CLOCK)	<u>9:10</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y/N)</u>	FILTERED (Y/N)	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE -	<u>GRAB</u>	COMPOSITE (CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV. (FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>16.72</u>
DEPTH TO WATER (REF. PT.)	<u>11.83</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV. (FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>7.0</u>	<u>6.9</u>	<u>6.8</u>	<u>6.9</u>
SPEC. COND. (UMHOS/CM)	<u>1290</u>	<u>1340</u>	<u>1340</u>	<u>1320</u>
TEMPERATURE (C)	<u>12</u>	<u>13</u>	<u>12</u>	<u>15</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

SAMPLE APPEARANCE

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Sample Set 008

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

DATE 6/20/97



SAMPLE COLLECTION INFORMATION FORM

AI PROJECT NAME BCC, RFI, NY

GAI PROJECT NO. 963-9117

SAMPLE ID. P2-19

SOURCE CODES: RIVER OR STREAM (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/06/17</u>	TIME (24 HR CLOCK)	<u>15:12</u>	ELAPSED HRS.	<u>24</u>
CASING VOL.(Gal.)	<u>2.8</u>	GAL. PURGED (Gal.)	<u>8.5</u>		
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>PE</u>	DEDICATED	<u>(Y/N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/06/17</u>	TIME (24 HR CLOCK)	<u>15:10</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y/N)</u>	FILTERED (Y/N)	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE -	<u>(GRAB/COMPOSITE)</u>		

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>T.O.R.</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>28.47</u>
DEPTH TO WATER (REF. PT.)	<u>11.59</u>	STICKUP (FT.)	<u>N/A</u>
SW. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>6.2</u>	<u>6.2</u>	<u>5.9</u>	<u>6.1</u>
SPEC. COND.(UMHOS/CM)	<u>>1990</u>	<u>>1990</u>	<u>71990</u>	<u>71990</u>
TEMPERATURE (C)	<u>11</u>	<u>12</u>	<u>11</u>	<u>11</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Rain

SAMPLE APPEARANCE

Brown turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Bottle Set 002

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

Dine Jh

DATE

6/20/97

APPENDIX G-4

SAMPLE COLLECTION INFORMATION FORMS

**Supplemental Investigation
Groundwaters
July 1997**



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME Bee RFI NY
MTA / FIDMAY / OFF

GAI PROJECT NO. 963 917
963-9139

SAMPLE ID. MTA- RFI-24

SOURCE CODES: RIVER OR STREAM WELL SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>22/07/16</u>	TIME (24 HR CLOCK)	<u>1420</u>	ELAPSED HRS.	<u>0040</u>
CASING VOL.(Gal.)	<u>36</u>	GAL. PURGED (Gal.)	<u>11.0</u>		
PURGING DEVICE (SEE BELOW)	<u>BE</u>	PURGING DEVICE MATERIAL	<u>PE</u>	DEDICATED	<u>(Y/N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>21/07/17</u>	TIME (24 HR CLOCK)	<u>1420</u>	MATRIX	<u>420</u>
SAMPLING DEVICE (SEE BELOW)	<u>BE</u>	DEDICATED	<u>(Y/N)</u>	FILTERED	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>Polyethylene</u>	SAMPLE TYPE -	<u>GRAB</u> COMPOSITE (CIRCLE ONE)		

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>31.44</u>
DEPTH TO WATER (REF. PT.)	<u>9.21</u>	STICKUP (FT.)	<u>N/A</u>
GW. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	INITIAL PORE	FINAL PORE	INITIAL SAMPLE	FINAL SAMPLE
pH (STD)	<u>10.4</u>	<u>10.1</u>	<u>10.3</u>	<u>10.2</u>
SPEC. COND.(UMHOS/CM)	<u>900</u>	<u>800</u>	<u>700</u>	<u>600</u>
TEMPERATURE (C)	<u>20</u>	<u>20</u>	<u>20</u>	<u>20</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sunny 85°F

SAMPLE APPEARANCE Black very turbid

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Bottle Set to

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [Signature] DATE 7/17/17



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCE RFI NY
HTA / FINANCIAL OFF

GAI PROJECT NO.

963 - 9117
963-9139

SAMPLE ID.

HTA-97 RFI-25

SOURCE CODES: RIVER OR STREAM WELL SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/07/10</u>	TIME (24 HR CLOCK)	<u>1530</u>	ELAPSED HRS.	<u>0030</u>
CASING VOL.(Gal.)	<u>3.2</u>	GAL. PURGED (Gal.)	<u>10</u>		
PURGING DEVICE (SEE BELOW)	<u>BE</u>	PURGING DEVICE MATERIAL	<u>PE</u>	DEDICATED	<u>(Y/N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/07/17</u>	TIME (24 HR CLOCK)	<u>1400</u>	MATRIX	<u>40</u>
SAMPLING DEVICE (SEE BELOW)	<u>BE</u>	DEDICATED	<u>(Y/N)</u>	FILTERED	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>Polyethylene</u>	SAMPLE TYPE -	<u>GRAB</u>	COMPOSITE (CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>31.63</u>
DEPTH TO WATER (REF. PT.)	<u>12.13</u>	STICKUP (FT.)	<u>N/A</u>
GW. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	<u>INITIAL</u>	<u>PRELIM</u>	<u>FINAL</u>	<u>PRELIM</u>	<u>FINAL</u>
pH (STD)	<u>7.3</u>	<u>7.3</u>	<u>7.3</u>	<u>7.1</u>	<u>7.1</u>
SPEC. COND. (UMHOS/CM)	<u>1000</u>	<u>1000</u>	<u>900</u>	<u>800</u>	<u>800</u>
TEMPERATURE (C)	<u>17</u>	<u>17</u>	<u>17</u>	<u>17</u>	<u>17</u>
OTHER (SPECIFY)					

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

SAMPLE APPEARANCE

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

Bottle Set 15

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

DATE

7/17/97



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCC, RFI, NYGAI PROJECT NO. 903-911ESAMPLE ID. RFI-34SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/07/16</u>	TIME (24 HR CLOCK)	<u>1045</u>	ELAPSED HRS.	<u>0020</u>
CASING VOL.(Gal.)	<u>28</u>	GAL. PURGED (Gal.)	<u>9.0</u>		
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>	DEDICATED	<u>(Y/N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/07/17</u>	TIME (24 HR CLOCK)	<u>0950</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y/N)</u>	FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE	<u>GRAB/COMPOSITE</u> (CIRCLE ONE)		

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOP</u>	LAND ELEVATION (FT./MSL)	<u>N/A.</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A.</u>	WELL DEPTH (FT.)	<u>28.05</u>
DEPTH TO WATER (REF. PT.)	<u>10.84</u>	STICKUP (FT.)	<u>N/A.</u>
W. ELEV.(FT. MSL)	<u>N/A.</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Pore	Final Pore	Initial Sample	Final Sample
pH (STD)	<u>7.2</u>	<u>7.0</u>	<u>7.3</u>	<u>7.0</u>
SPEC. COND.(UMHOS/CM)	<u>1500</u>	<u>2400</u>	<u>2100</u>	<u>2000</u>
TEMPERATURE (C)	<u>16</u>	<u>16</u>	<u>17</u>	<u>17</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Sunny 85°F

SAMPLE APPEARANCE

Brown Moderately Turbid

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Bottle Set 05

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

DATE

7/17/07



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME PCC, RFI, NY

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI-35

SOURCE CODES: RIVER OR STREAM, WEL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/07/10</u>	TIME (24 HR CLOCK)	<u>1020</u>	ELAPSED HRS.	<u>0020</u>
CASING VOL.(Gal.)	<u>12</u>	GAL. PURGED (Gal.)	<u>3.0</u>		
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>	DEDICATED	<u>(Y/N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/07/17</u>	TIME (24 HR CLOCK)	<u>0730</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y/N)</u>	FILTERED	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE -	<u>GRAB/COMPOSITE (CIRCLE ONE)</u>		

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>14.30</u>
DEPTH TO WATER (REF. PT.)	<u>6.84</u>	STICKUP (FT.)	<u>N/A</u>
GW. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>6.6</u>	<u>6.8</u>	<u>6.7</u>	<u>6.8</u>
SPEC. COND.(UMHOS/CM)	<u>2600</u>	<u>2600</u>	<u>3100</u>	<u>2900</u>
TEMPERATURE (C)	<u>18</u>	<u>18</u>	<u>18</u>	<u>18</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Sunny 85°F

SAMPLE APPEARANCE

Brown moderately turbid

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PURGE TO DRYNESS

Bottle set 04

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

[Signature]

DATE

7/17/97



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCE / RFI / NY

GAI PROJECT NO. 063-9117

SAMPLE ID. RFI-36

SOURCE CODES: RIVER OR STREAM, (WELL), SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>07/07/16</u>	TIME (24 HR CLOCK)	<u>0955</u>	ELAPSED HRS.	<u>0020</u>
CASING VOL.(Gal.)	<u>1.1</u>	GAL. PURGED (Gal.)	<u>5.0</u>	DEDICATED	<u>(N)</u>
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>07/07/17</u>	TIME (24 HR CLOCK)	<u>0915</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(N)</u>	FILTERED (Y/N)	<u>(N)</u>
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE -	<u>(GRAB)</u>	COMPOSITE (CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOP</u>	LAND ELEVATION (FT./MSL)	<u>44</u>
REF. PT. ELEV.(FT. MSL)	<u>11.1</u>	WELL DEPTH (FT.)	<u>15.47</u>
DEPTH TO WATER (REF. PT.)	<u>5.22</u>	STICKUP (FT.)	<u>11.1</u>
W. ELEV.(FT. MSL)	<u>44</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	INITIAL PURGE	FINAL PURGE	INITIAL SAMPLE	FINAL SAMPLE
pH (STD)	<u>6.6</u>	<u>6.7</u>	<u>6.8</u>	<u>6.8</u>
SPEC. COND. (UMHOS/CM)	<u>1700</u>	<u>2100</u>	<u>1900</u>	<u>1900</u>
TEMPERATURE (C)	<u>22</u>	<u>22</u>	<u>21</u>	<u>21</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sunny 80°F

SAMPLE APPEARANCE Brown moderately turbid

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Forward to ORENES

Bottle set 03

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [Signature] DATE 8/17/17



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCC / RFI / NY

GAI PROJECT NO. 9639117

SAMPLE ID. RFI-37

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>9/1/07</u>	TIME (24 HR CLOCK)	<u>1330</u>	ELAPSED HRS.	<u>0.25</u>
CASING VOL.(Gal.)	<u>3.0</u>	GAL. PURGED (Gal.)	<u>8.0</u>	DEDICATED	<u>(Y/N)</u>
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>PE</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>9/1/07</u>	TIME (24 HR CLOCK)	<u>1120</u>	MATRIX	<u>HP</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y/N)</u>	FILTERED	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>PE</u>	SAMPLE TYPE -	<u>GRAB/COMPOSITE</u>	(CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOP</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>20.02</u>
PTH TO WATER (REF. PT.)	<u>1.59</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	INITIAL PURGE	FINAL PURGE	INITIAL SAMPLE	FINAL SAMPLE
pH (STD)	<u>6.9</u>	<u>6.9</u>	<u>7.4</u>	<u>7.4</u>
SPEC. COND.(UMHOS/CM)	<u>1700</u>	<u>1600</u>	<u>1400</u>	<u>1400</u>
TEMPERATURE (C)	<u>18</u>	<u>18</u>	<u>19</u>	<u>19</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

SUNNY 85°F

SAMPLE APPEARANCE

BROWN MODERATELY TURBID

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

POURED TO DRYNESS

BOTTLE SET 09

DUPLICATE SAMPLE BOTTLE SET 10

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

[Signature]

DATE 7/17/07



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCC / RFI / NT

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI-38

SOURCE CODES: RIVER OR STREAM WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/07/16</u>	TIME (24 HR CLOCK)	<u>1115</u>	ELAPSED HRS.	<u>0020</u>
CASING VOL.(Gal.)	<u>3.0</u>	GAL. PURGED (Gal.)	<u>9.0</u>		
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>	DEDICATED	<u>(Y/N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/07/17</u>	TIME (24 HR CLOCK)	<u>1015</u>	MATRIX	<u>H2O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(Y/N)</u>	FILTERED	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE -	<u>GRAB/COMPOSITE</u> (CIRCLE ONE)		

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOP</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>26.88</u>
DEPTH TO WATER (REF. PT.)	<u>7.94</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>---</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	INITIAL PURGE	FINAL PURGE	INITIAL SAMPLE	FINAL SAMPLE
pH (STD)	<u>4.1</u>	<u>4.0</u>	<u>4.2</u>	<u>3.8</u>
SPEC. COND.(UMHOS/CM)	<u>2500</u>	<u>2400</u>	<u>2100</u>	<u>2200</u>
TEMPERATURE (C)	<u>18</u>	<u>18</u>	<u>18</u>	<u>18</u>
OTHER (SPECIFY)	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Sunny 85°F

SAMPLE APPEARANCE

Brown Vert Turbid

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

AS/MSD

Bottle Set 01

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

DATE

7/17/97

SAMPLE COLLECTION INFORMATION FORM

AI PROJECT NAME ACC / RFI / NY

GAI PROJECT NO. 962 9117

SAMPLE ID. RFI-39

SOURCE CODES: RIVER OR STREAM, WELL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/07/14</u>	TIME (24 HR CLOCK)	<u>1300</u>	ELAPSED HRS.	<u>000</u>
CASING VOL.(Gal.)	<u>2.4</u>	GAL. PURGED (Gal.)	<u>7.5</u>		
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>	DEDICATED	<u>(N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/07/14</u>	TIME (24 HR CLOCK)	<u>1050</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(N)</u>	FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE -	<u>GRAB</u>	COMPOSITE (CIRCLE ONE)	

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOP</u>	LAND ELEVATION (FT./MSL)	<u>44</u>
REF. PT. ELEV.(FT. MSL)	<u>44</u>	WELL DEPTH (FT.)	<u>22.60</u>
DEPTH TO WATER (REF. PT.)	<u>8.13</u>	STICKUP (FT.)	<u>44</u>
W. ELEV.(FT. MSL)	<u>44</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>8.3</u>	<u>9.1</u>	<u>8.7</u>	<u>9.0</u>
SPEC. COND.(UMHOS/CM)	<u>4200</u>	<u>3100</u>	<u>3400</u>	<u>3600</u>
TEMPERATURE (C)	<u>17</u>	<u>17</u>	<u>17</u>	<u>17</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS SUNNY 85°F

SAMPLE APPEARANCE BROWN VERY TURBID

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PURGED TO PRYNES
BOTTLE SET 02

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [Signature] DATE 7/17/97



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME DEC 1 RFI NY

GAI PROJECT NO. 063-9117

SAMPLE ID. RFI-40

SOURCE CODES: RIVER OR STREAM WELL SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>07/07/16</u>	TIME (24 HR CLOCK)	<u>1400</u>	ELAPSED HRS.	<u>0040</u>
CASING VOL.(Gal.)	<u>3.3</u>	GAL. PURGED (Gal.)	<u>10.0</u>		
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>	DEDICATED	<u>(N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>07/07/17</u>	TIME (24 HR CLOCK)	<u>1240</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>(N)</u>	FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE - <u>SHA</u>	COMPOSITE (CIRCLE ONE)		

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TR</u>	LAND ELEVATION (FT./MSL)	<u>NA</u>
REF. PT. ELEV.(FT. MSL)	<u>NA</u>	WELL DEPTH (FT.)	<u>31.96</u>
DEPTH TO WATER (REF. PT.)	<u>11.66</u>	STICKUP (FT.)	<u>NA</u>
GW. ELEV.(FT. MSL)	<u>NA</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	INITIAL PURGE	FINAL PURGE	INITIAL SAMPLE	FINAL SAMPLE
pH (STD)	<u>6.7</u>	<u>6.1</u>	<u>6.6</u>	<u>6.5</u>
SPEC. COND. (<u>ppm</u> μ MHOS/CM)	<u>2300</u>	<u>1900</u>	<u>1700</u>	<u>1600</u>
TEMPERATURE (C)	<u>17</u>	<u>17</u>	<u>18</u>	<u>18</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Sunny 85°F

SAMPLE APPEARANCE

Bluish moderate turbid

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Bottle Set 11

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

[Signature]

DATE 7/17/17



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BUC, RFI, MTGAI PROJECT NO. 963-9117SAMPLE ID. RFI-41SOURCE CODES: RIVER OR STREAM WELL SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>9/7/07/14</u>	TIME (24 HR CLOCK)	<u>1440</u>	ELAPSED HRS.	<u>0020</u>
CASING VOL.(Gal.)	<u>2.7</u>	GAL. PURGED (Gal.)	<u>8.0</u>		
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>P.E.</u>	DEDICATED	<u>(Y/N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>9/7/07/17</u>	TIME (24 HR CLOCK)	<u>1300</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED- <u>(Y/N)</u>		FILTERED (Y/N)	
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE - <u>GRAB/COMPOSITE</u> (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>27.60</u>
DEPTH TO WATER (REF. PT.)	<u>11.32</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	<u>INITIAL PULSE</u>	<u>FINAL PULSE</u>	<u>INITIAL SAMPLE</u>	<u>FINAL SAMPLE</u>
pH (STD)	<u>5.7</u>	<u>6.0</u>	<u>5.8</u>	<u>6.0</u>
SPEC. COND. (UMHOS/CM) ^{ppm}	<u>2500</u>	<u>2500</u>	<u>2200</u>	<u>2300</u>
TEMPERATURE (C)	<u>17</u>	<u>17</u>	<u>17</u>	<u>17</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS 9 sunny 85°FSAMPLE APPEARANCE Brown Moderately Turbid

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

Bottle Set 12

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

DATE

9/14/07



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCC / RFI / NYGAI PROJECT NO. 963
REF-9117SAMPLE ID. RFI-42SOURCE CODES: RIVER OR STREAM, WEL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/07/16</u>	TIME (24 HR CLOCK)	<u>0840</u>	ELAPSED HRS.	<u>2030</u>
CASING VOL.(Gal.)	<u>1.0</u>	GAL. PURGED (Gal.)	<u>25</u>	DEDICATED	<u>Y/N</u>
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>PE</u>		

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/07/17</u>	TIME (24 HR CLOCK)	<u>0830</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED	<u>Y/N</u>	FILTERED	<u>Y/N</u>
SAMPLING DEVICE MATERIAL	<u>PE</u>	SAMPLE TYPE -	<u>GPB</u> /COMPOSITE (CIRCLE ONE)		

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>NA</u>
REF. PT. ELEV.(FT. MSL)	<u>NA</u>	WELL DEPTH (FT.)	<u>10.68</u>
DEPTH TO WATER (REF. PT.)	<u>4.62</u>	STICKUP (FT.)	<u>NA</u>
W. ELEV.(FT. MSL)	<u>NA</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Purge	Final Purge	Initial Sample	Final Sample
pH (STD)	<u>7.1</u>	<u>7.1</u>	<u>6.8</u>	<u>6.9</u>
SPEC. COND. (μ MHOS/CM)	<u>800</u>	<u>800</u>	<u>800</u>	<u>900</u>
TEMPERATURE (C)	<u>16</u>	<u>16</u>	<u>19</u>	<u>19</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS SummerSAMPLE APPEARANCE Slightly brown turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PURGED TO DRYNESSBottle set 06

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [Signature]DATE 7/17/97



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCC / RFI / PT

GAI PROJECT NO. 963-9117

SAMPLE ID. RFI-43

SOURCE CODES: RIVER OR STREAM, WEL, SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>97/07/16</u>	TIME (24 HR CLOCK)	<u>0920</u>	ELAPSED HRS.	<u>0020</u>
CASING VOL.(Gal.)	<u>1.6</u>	GAL. PURGED (Gal.)	<u>3.0</u>		
PURGING DEVICE (SEE BELOW)	<u>E</u>	PURGING DEVICE MATERIAL	<u>PE</u>	DEDICATED <u>(Y/N)</u>	

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>97/07/17</u>	TIME (24 HR CLOCK)	<u>0845</u>	MATRIX	<u>H₂O</u>
SAMPLING DEVICE (SEE BELOW)	<u>E</u>	DEDICATED <u>(Y/N)</u>		FILTERED <u>(Y/N)</u>	
SAMPLING DEVICE MATERIAL	<u>P.E.</u>	SAMPLE TYPE - <u>GRAV</u> COMPOSITE (CIRCLE ONE)			

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>15.62</u>
DEPTH TO WATER (REF. PT.)	<u>5.84</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	Initial Pore	Final Pore	Initial Sample	Final Sample
pH (STD)	<u>6.6</u>	<u>6.7</u>	<u>6.9</u>	<u>6.9</u>
SPEC. COND.(UMHOS/CM)	<u>1400</u>	<u>1300</u>	<u>1500</u>	<u>1600</u>
TEMPERATURE (C)	<u>18</u>	<u>18</u>	<u>19</u>	<u>19</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sunny 80°F

SAMPLE APPEARANCE Slightly brown turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft.

PURGED TO DRYNESS

Bottle set 07

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [Signature] DATE 7/17/97



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BCC / ZFI / NYGAI PROJECT NO. 463 9117SAMPLE ID. PZ-17SOURCE CODES: RIVER OR STREAM, WELL SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>9/2/07/16</u>	TIME (24 HR CLOCK)	<u>0945</u>	ELAPSED HRS.	<u>0020</u>
CASING VOL.(Gal.)	<u>0.75</u>	GAL. PURGED (Gal.)	<u>---</u>		
PURGING DEVICE (SEE BELOW)	<u>F</u>	PURGING DEVICE MATERIAL	<u>PE</u>	DEDICATED	<u>(Y/N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>9/2/07/17</u>	TIME (24 HR CLOCK)	<u>0900</u>	MATRIX	<u>H2O</u>
SAMPLING DEVICE (SEE BELOW)	<u>F</u>	DEDICATED	<u>(Y/N)</u>	FILTERED (Y/N)	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>PE</u>	SAMPLE TYPE -	<u>GRAB</u> COMPOSITE (CIRCLE ONE)		

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV.(FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>16.74</u>
DEPTH TO WATER (REF. PT.)	<u>12.23</u>	STICKUP (FT.)	<u>N/A</u>
W. ELEV.(FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	INITIAL PURGE	FINAL PURGE	INITIAL SAMPLE	FINAL SAMPLE
pH (STD)	<u>7.1</u>	<u>6.9</u>	<u>6.9</u>	<u>6.9</u>
SPEC. COND. (uMHO/CM)	<u>1200</u>	<u>1300</u>	<u>1300</u>	<u>1400</u>
TEMPERATURE (C)	<u>20</u>	<u>20</u>	<u>21</u>	<u>21</u>
OTHER (SPECIFY)	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>

COMMENTS/CALCULATIONS

WEATHER CONDITIONS

Sunny 80°F

SAMPLE APPEARANCE

Slightly brown turbidity

2" DIA. CASING CONTAINS .163 Gal./Ft.

4" DIA. CASING CONTAINS .652 Gal./Ft.

PURGED TO DRYNESSBottle set OB

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE

DATE

9/17/07



SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME BOC PFI NY
477A / FINANCIAL / PH

GAI PROJECT NO. 963-9117
963-9139

SAMPLE ID. ~~12007~~ P2-19

SOURCE CODES: RIVER OR STREAM (WELL) SOIL, OTHER (CIRCLE ONE)

PURGING INFORMATION (IF APPLICABLE)

PURGE DATE (yy/mm/dd)	<u>07/02/06</u>	TIME (24 HR CLOCK)	<u>1500</u>	ELAPSED HRS.	<u>0020</u>
CASING VOL (Gal.)	<u>2.7</u>	GAL. PURGED (Gal.)	<u>0.5</u>		
PURGING DEVICE (SEE BELOW)	<u>BE</u>	PURGING DEVICE MATERIAL	<u>PC</u>	DEDICATED	<u>(Y/N)</u>

SAMPLE COLLECTION INFORMATION

SAMPLING DATE (yy/mm/dd)	<u>07/07/07</u>	TIME (24 HR CLOCK)	<u>1320</u>	MATRIX	<u>H2O</u>
SAMPLING DEVICE (SEE BELOW)	<u>BE</u>	DEDICATED	<u>(Y/N)</u>	FILTERED	<u>(Y/N)</u>
SAMPLING DEVICE MATERIAL	<u>Polyethylene</u>	SAMPLE TYPE -	<u>GRAB</u> COMPOSITE (CIRCLE ONE)		

(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHOVEL (E) BAILER (F) OTHER (SPECIFY)

WELL INFORMATION (IF APPLICABLE)

REFERENCE POINT	<u>TOR</u>	LAND ELEVATION (FT./MSL)	<u>N/A</u>
REF. PT. ELEV. (FT. MSL)	<u>N/A</u>	WELL DEPTH (FT.)	<u>20.48</u>
DEPTH TO WATER (REF. PT.)	<u>11.84</u>	STICKUP (FT.)	<u>N/A</u>
GW. ELEV. (FT. MSL)	<u>N/A</u>	WELL DIAMETER (INCHES)	<u>2.0</u>

FIELD MEASUREMENTS (FOUR REPLICATES)

	<u>INITIAL PORE</u>	<u>FINAL PORE</u>	<u>INITIAL SAMPLE</u>	<u>FINAL SAMPLE</u>
pH (STD)	<u>6.3</u>	<u>6.3</u>	<u>6.3</u>	<u>6.3</u>
SPEC. COND. (UMHOS/CM)	<u>2700</u>	<u>2700</u>	<u>2300</u>	<u>2300</u>
TEMPERATURE (C)	<u>17</u>	<u>17</u>	<u>18</u>	<u>18</u>
OTHER (SPECIFY)				

COMMENTS/CALCULATIONS

WEATHER CONDITIONS Sunny B50F

SAMPLE APPEARANCE Brown Moderately turbid

2" DIA. CASING CONTAINS .163 Gal./Ft.
4" DIA. CASING CONTAINS .652 Gal./Ft. Blank (Bottle Set 14) Poured at this location
total dissolved metals not included

Bottle Set 13

PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.

SAMPLER SIGNATURE [Signature] DATE 7/17/07

APPENDIX J

**RFI LABORATORY REPORTS
GEOTECHNICAL SAMPLES**

Golder Associates Inc.

200 Union Boulevard, Suite 500
Lakewood, CO USA 80228
Telephone (303) 980-0540
Fax (303) 985-2080



June 19, 1996

Mr. Dave Mitchell
Golder Associates Inc.
210 John Glenn Drive, Suite 1
Amherst, New York 30341

RE: Laboratory Test Results for Golder Job Number 963-9117.004

Dear Dave:

Attached are the laboratory test results for samples submitted. They represent testing completed to date.
Any outstanding test results will be forwarded to you upon completion.

If you have any questions, feel free to call.

Sincerely,

Tony Fontaine/rcs

Attachments: Tables, graphs

GOLDER ASSOCIATES INC.	
REC'D	IPN
CC	ROUTE
JUL 03 1996	

TABLE 1
SUMMARY OF SOIL DATA

BORING NO.	SAMPLE NO.	SAMPLE DEPTH (FT)	USCS SOIL CLASSIFICATION	DELIVERED MOISTURE (%)	ATTERBERG LIMITS				GRAIN SIZE DISTRIBUTION			SPECIFIC GRAVITY	UNIT WEIGHT PCF		ADDITIONAL TESTS COMMENTS (SEE NOTES)
					LL	PL	PI	SL	% FINER 3/4"	FINER NO 40 SIEVE	FINER NO 200 SIEVE		WET	DRY	
RFI-19D	RFI-19DGAF*	8-10	CL	22.1	34	19	15	--	100	100	99	2.77	--	--	--
RFI-19D	RFI-19DGS-7C	18-20	CL	31.1	43	19	24	--	100	100	99	2.79	--	--	--
RFI-21D	RFI-21DGAF*	8-10	CL	30.6	42	22	20	--	100	100	98	2.82	--	--	--
RFI-21D	RFI-21DGS-7C	16-18	CL	45.6	42	20	22	--	100	100	99	2.82	--	--	--
RFI-23D	RFI-23DGAF	28-30	--	23.4	--	--	--	--	98	62	11	--	--	--	--
RFI-23D	RFI-23DGS-7C	38-40	CL	32.6	40	18	22	--	100	100	98	2.82	--	--	--
RFI-24	RFI-24GAF	24-28	--	16.1	--	--	--	--	100	65	21	--	--	--	--
RFI-24	RFI-24G2C	32-34	CL	34.1	47	19	28	--	100	100	98	2.81	--	--	--
RFI-32	RFI-32GAF*	6-8	CL	26.2	37	21	16	--	100	100	98	2.81	--	--	--
RFI-32	RFI-32GO-2C	10-12	CL	32.9	38	19	19	--	100	100	99	2.81	--	--	--

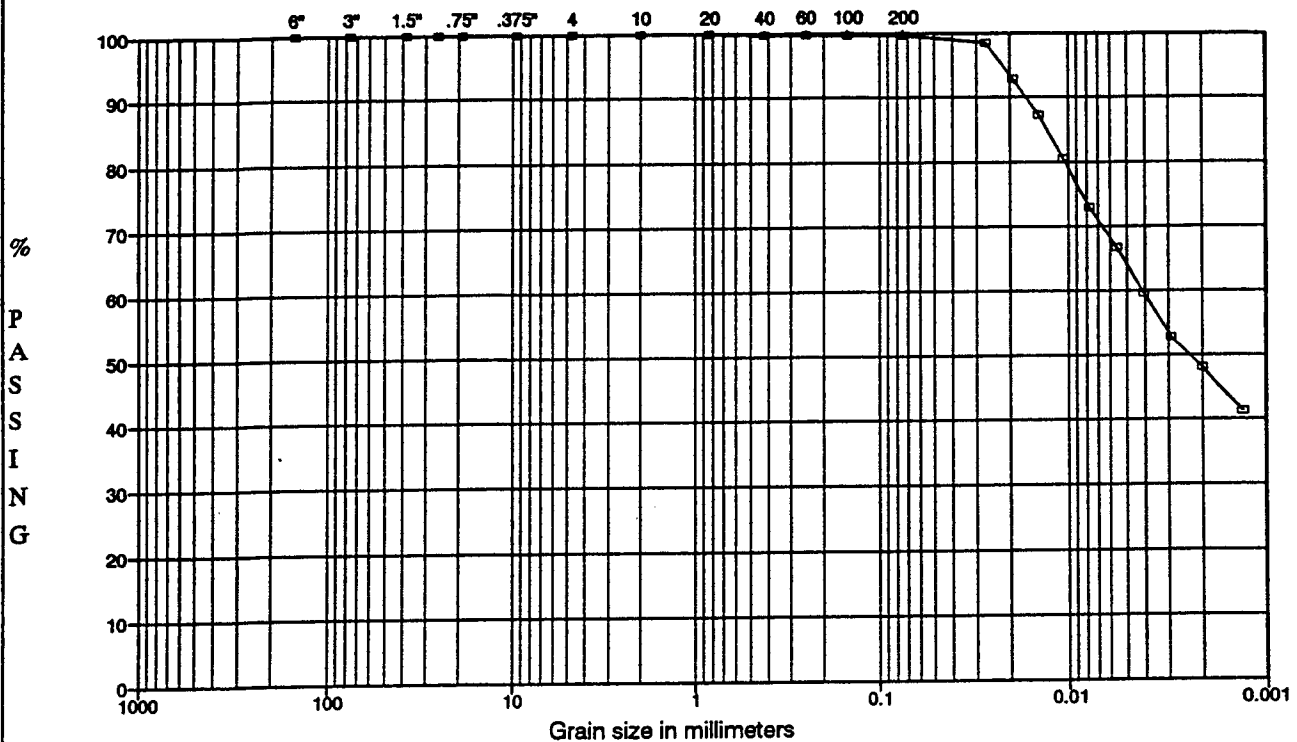
NOTES:

LL = LIQUID LIMIT
PL = PLASTIC LIMIT
PI = PLASTIC INDEX
SL = SHRINKAGE LIMIT

T = TRIAXIAL TEST
U = UNCONFINED COMPRESSION TEST
C = CONSOLIDATION TEST
P = PROCTOR TEST
DS = DIRECT SHEAR TEST

* Designation of GAF (geotechnical alluvial/fluvial) was retained at these locations for consistency with QAPIP designations, however alluvial/fluvial deposits were not present within borings at these locations and samples were obtained from the Upper Tillis unit.

**PARTICLE SIZE DISTRIBUTION ASTM D421 AND D422
US STANDARD SIEVE OPENING SIZES**



USCS

COBBLES	Coarse	Fine	Cor	Med	Fine	FINES (Silt and Clay)
	GRAVEL		SAND			

SAMPLE ID	W%	LL	PL	PI	Gs	DESCRIPTION
BOREHOLE SAMPLE NO. RFI-21DG5C-7 DEPTH	45.6%	42	20	22	2.82	Silty CLAY
Sample Type:		Date Tested: 06/11/96				USCS: CL

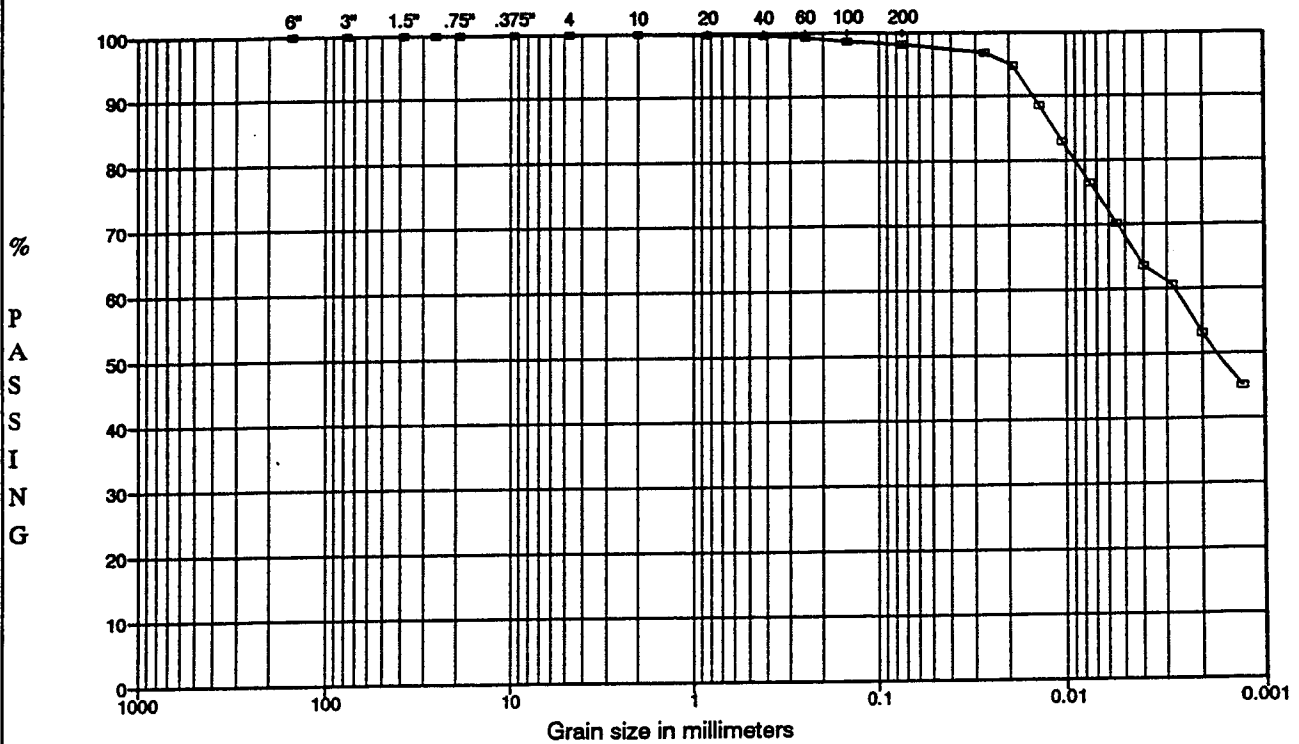
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REVIEWED:

BCC/RFI/NY
963-9117.004

FILENAME: 917217C

GOLDER ASSOCIATES INC.
LAKEWOOD, COLORADO

**PARTICLE SIZE DISTRIBUTION ASTM D421 AND D422
US STANDARD SIEVE OPENING SIZES**



USCS

COBBLES	Coarse	Fine	Cor	Med	Fine	FINES (Silt and Clay)
	GRAVEL		SAND			

SAMPLE ID	W%	LL	PL	PI	Gs	DESCRIPTION
BOREHOLE SAMPLE NO. RFI-24G2C DEPTH	34.1%	47	19	28	2.81	Silty CLAY with trace fine sand
Sample Type:		Date Tested: 06/11/96				USCS: CL

TECH: RCS
DATE: 06/19/96
CHECKED: ASF
REVIEWED:

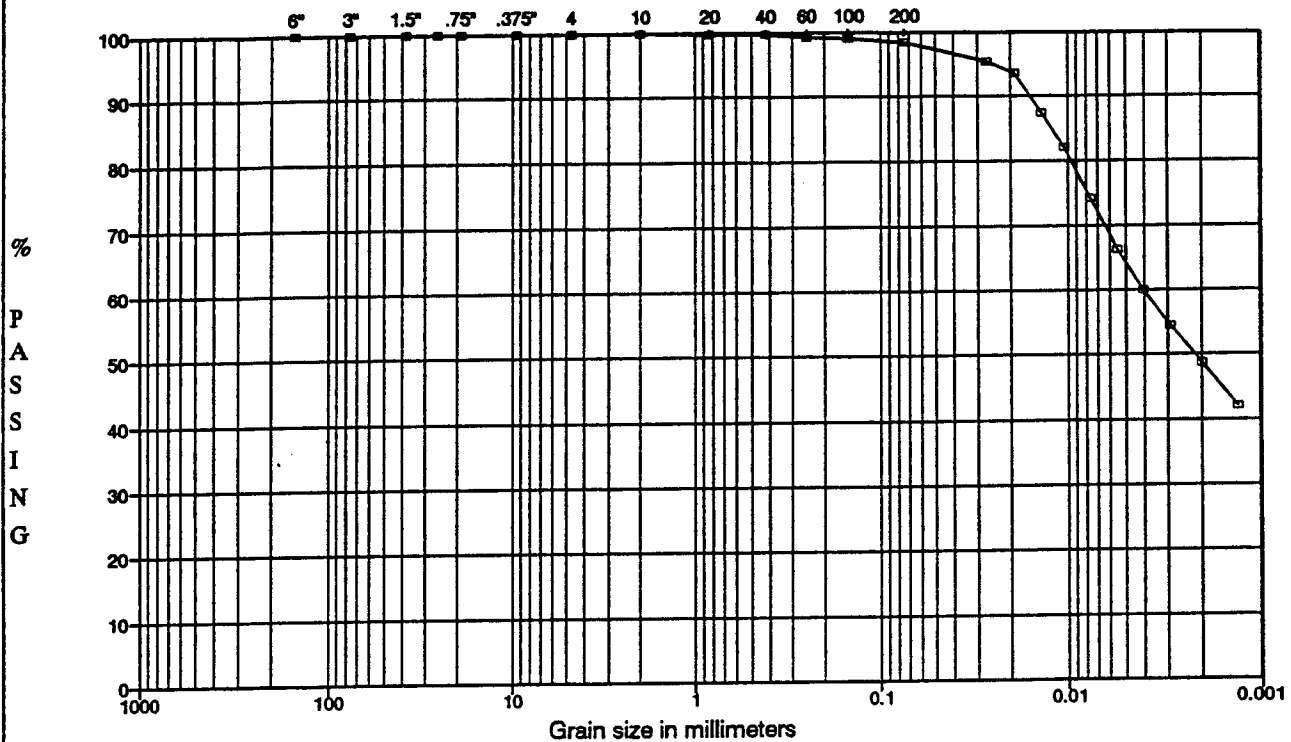
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GOLDER ASSOCIATES INC.
LAKEWOOD, COLORADO

PARTICLE SIZE DISTRIBUTION ASTM D421 AND D422

US STANDARD SIEVE OPENING SIZES



USCS

COBBLES	Coarse	Fine	Cor	Med	Fine	FINES (Silt and Clay)
	GRAVEL		SAND			

SAMPLE ID	W%	LL	PL	PI	Gs	DESCRIPTION
BOREHOLE	32.6%	40	18	22	2.82	Silty CLAY with trace fine sand
SAMPLE NO. RFI-23DG5-7C						
DEPTH						
Sample Type:		Date Tested: 06/11/96				USCS: CL

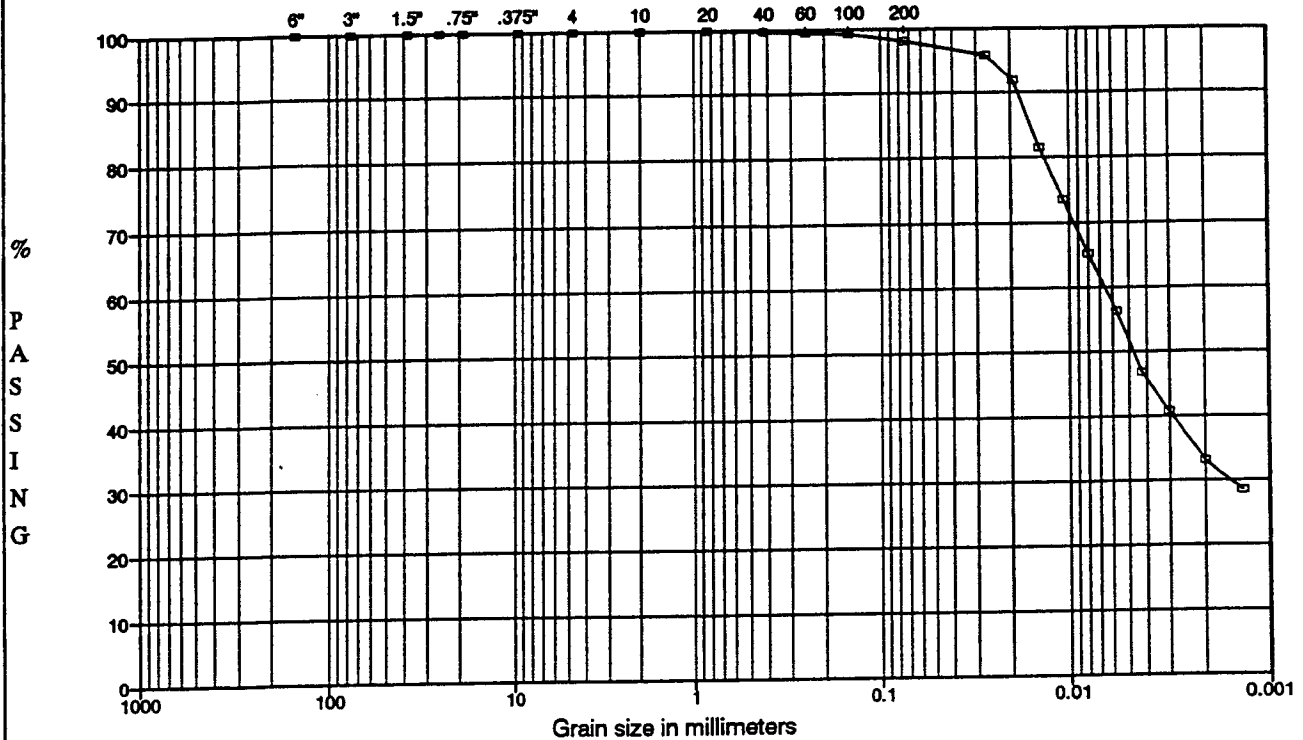
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BCC/RFI/NY
 963-9117.004

FILENAME: 9117297C

GOLDER ASSOCIATES INC.
 LAKEWOOD, COLORADO

**PARTICLE SIZE DISTRIBUTION ASTM D421 AND D422
US STANDARD SIEVE OPENING SIZES**



USCS

COBBLES	Coarse	Fine	Cor	Med	Fine	FINES (Silt and Clay)
	GRAVEL		SAND			

SAMPLE ID	W%	LL	PL	PI	G _s	DESCRIPTION
BOREHOLE SAMPLE NO. RFI-32GAF DEPTH	26.2%	37	21	16	2.81	Silty CLAY with trace fine sand
Sample Type:		Date Tested: 06/11/96				USCS: CL

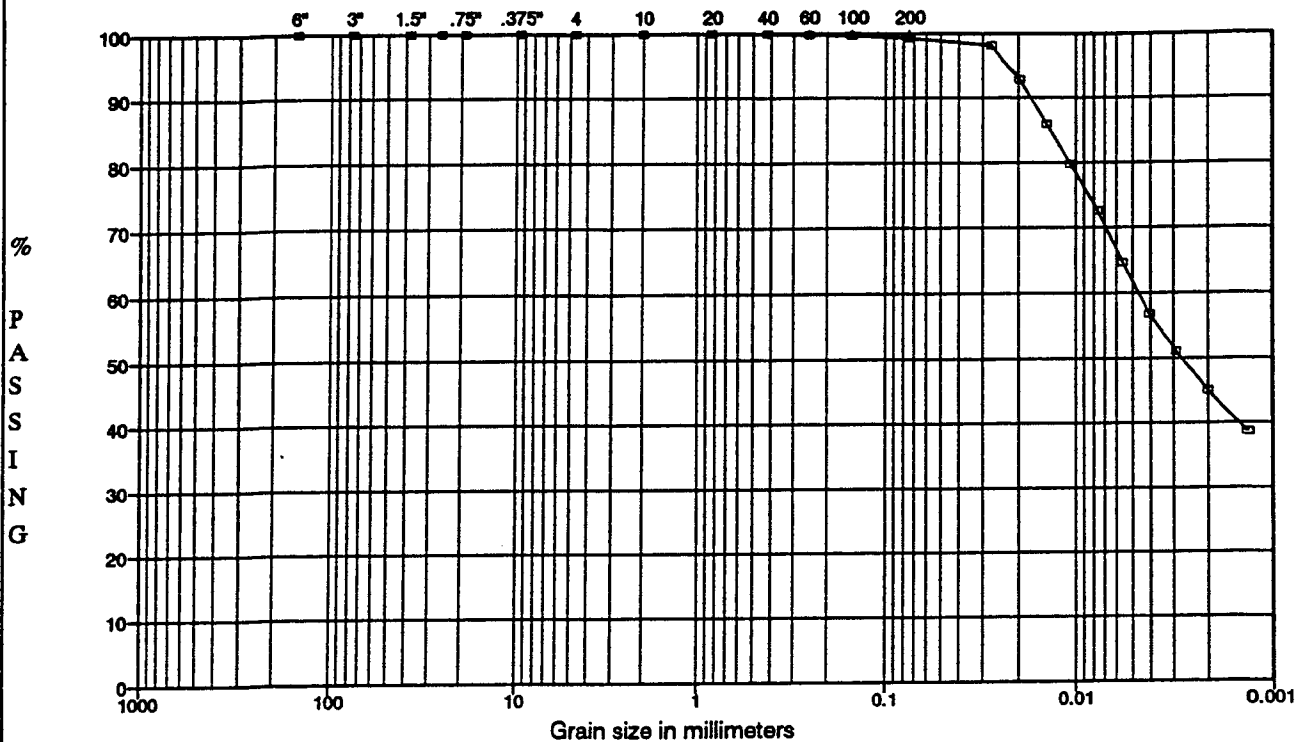
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BCC/RFI/NY
963-9117.004

FILENAME: 911732AF

GOLDER ASSOCIATES INC.
LAKEWOOD, COLORADO

**PARTICLE SIZE DISTRIBUTION ASTM D421 AND D422
US STANDARD SIEVE OPENING SIZES**



USCS

COBBLES	Coarse	Fine	Cor	Med	Fine	FINES (Silt and Clay)
	GRAVEL		SAND			

SAMPLE ID		W%	LL	PL	PI	Gs	DESCRIPTION
BOREHOLE		31.1%	43	19	24	2.79	Silty CLAY with trace fine sand
SAMPLE NO. RFI-19DG5-7C							
DEPTH							
Sample Type:		Date Tested: 06/11/96				USCS: CL	

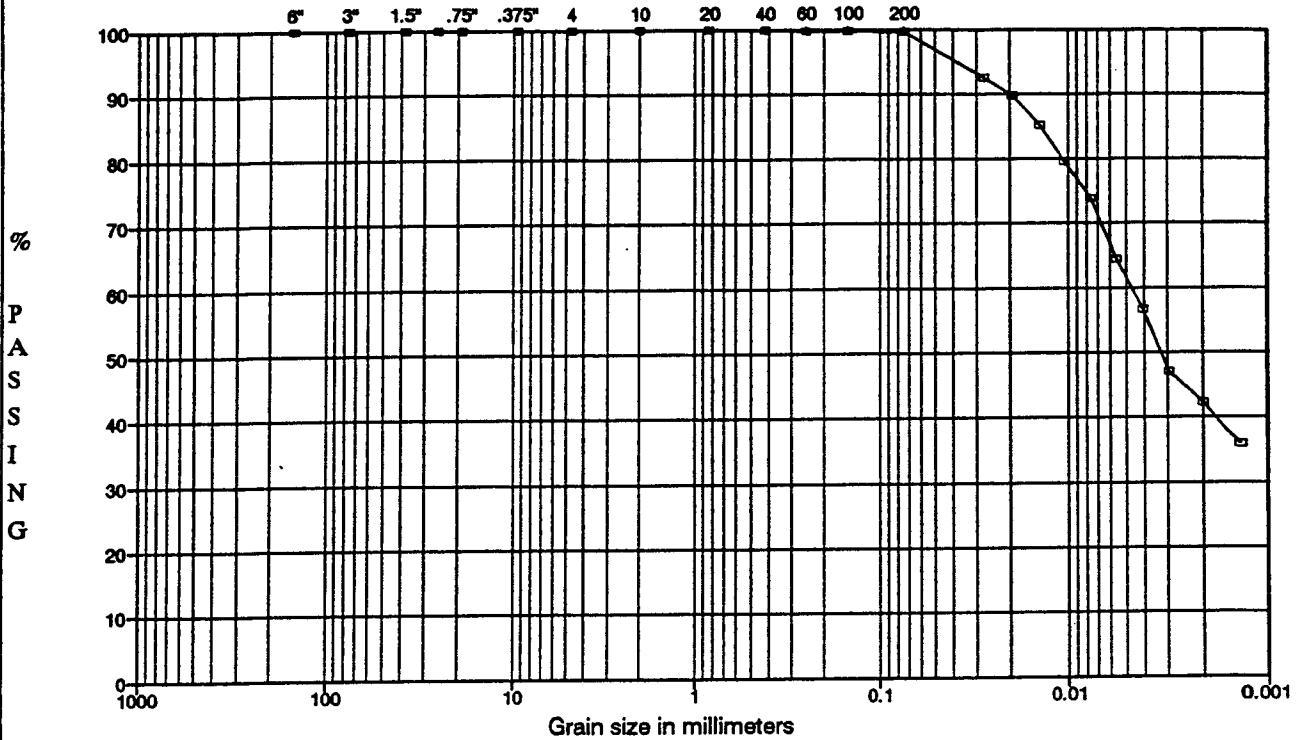
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BCC/RFI/NY
963-9117.004

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GOLDER ASSOCIATES INC.
LAKEWOOD, COLORADO

**PARTICLE SIZE DISTRIBUTION ASTM D421 AND D422
US STANDARD SIEVE OPENING SIZES**



USCS

COBBLES	Coarse	Fine	Cor	Med	Fine	FINES (Silt and Clay)
	GRAVEL		SAND			

SAMPLE ID	W%	LL	PL	PI	Gs	DESCRIPTION
BOREHOLE	32.9%	38	19	19	2.81	Silty CLAY
SAMPLE NO. RFI-32G0-2C						
DEPTH						
Sample Type:		Date Tested: 06/11/96				USCS: CL

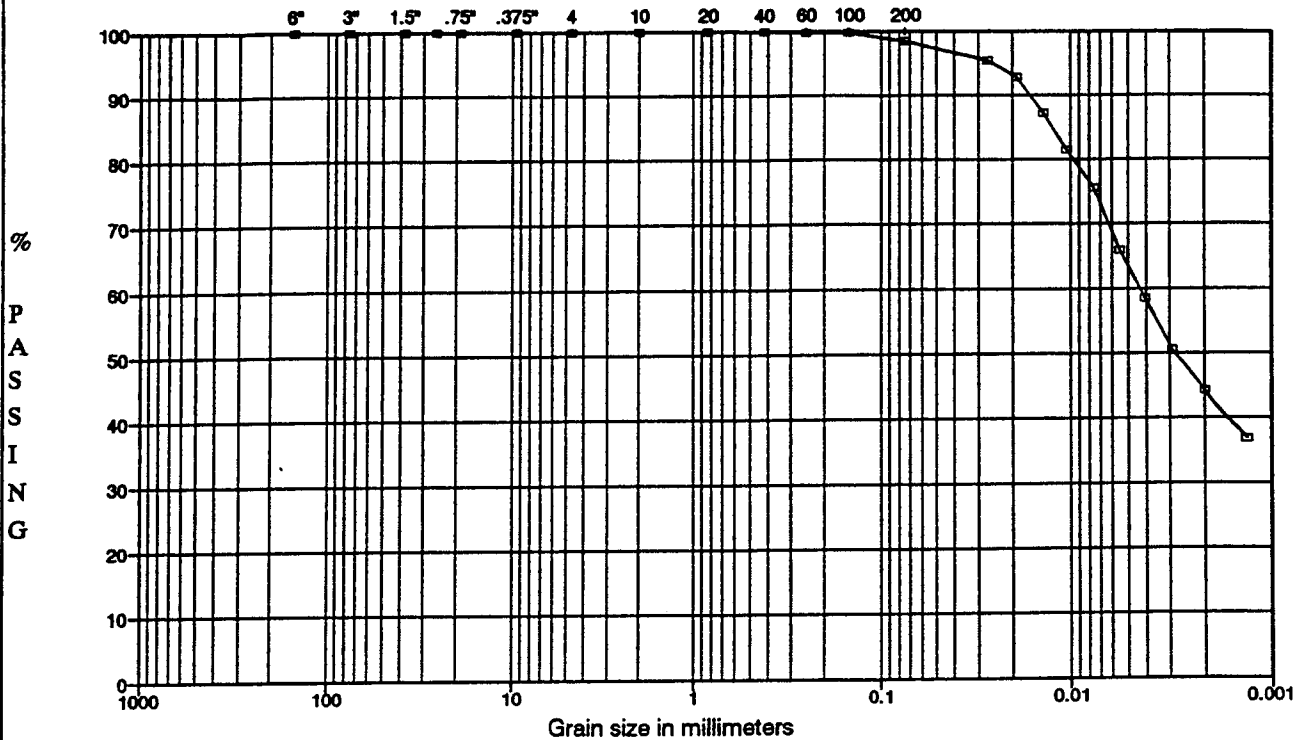
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963-9117.004

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GOLDER ASSOCIATES INC.
LAKEWOOD, COLORADO

**PARTICLE SIZE DISTRIBUTION ASTM D421 AND D422
US STANDARD SIEVE OPENING SIZES**



USCS

COBBLES	Coarse	Fine	Cor	Med	Fine	FINES (Silt and Clay)
	GRAVEL		SAND			

SAMPLE ID	W%	LL	PL	PI	Gs	DESCRIPTION
BOREHOLE SAMPLE NO. RFI-21DGAF DEPTH	30.6%	42	22	20	2.82	Silty CLAY with trace fine sand
Sample Type:		Date Tested: 06/11/96			USCS: CL	

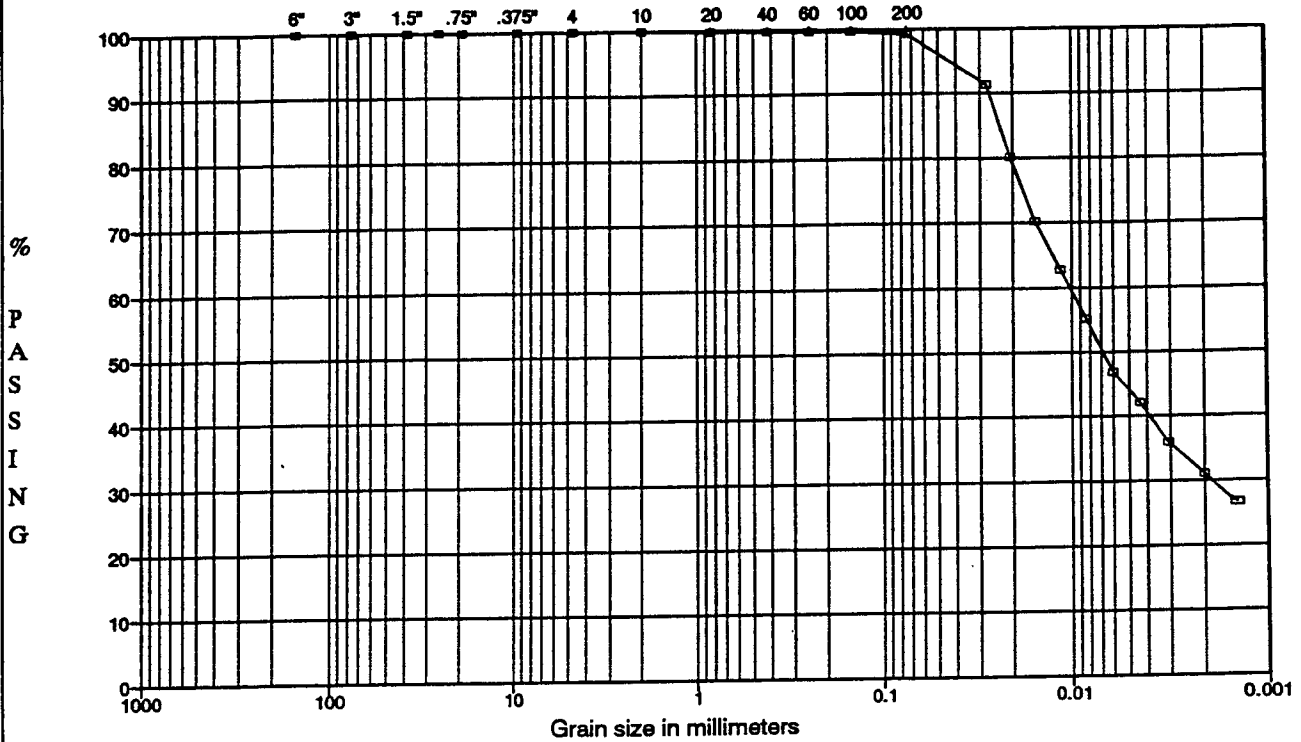
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963-9117.004

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GOLDER ASSOCIATES INC.
LAKEWOOD, COLORADO

PARTICLE SIZE DISTRIBUTION ASTM D421 AND D422
US STANDARD SIEVE OPENING SIZES



USCS

COBBLES	Coarse	Fine	Cor	Med	Fine	FINES (Silt and Clay)
	GRAVEL		SAND			

SAMPLE ID	W%	LL	PL	PI	G _s	DESCRIPTION
BOREHOLE SAMPLE NO. RFI-19DGAF DEPTH	22.1%	34	19	15	2.77	Silty CLAY with trace fine sand
Sample Type:		Date Tested: 06/11/96			USCS: CL	

TECH: RCS
 DATE: 06/19/96
 CHECKED: ASF
 REVIEWED:

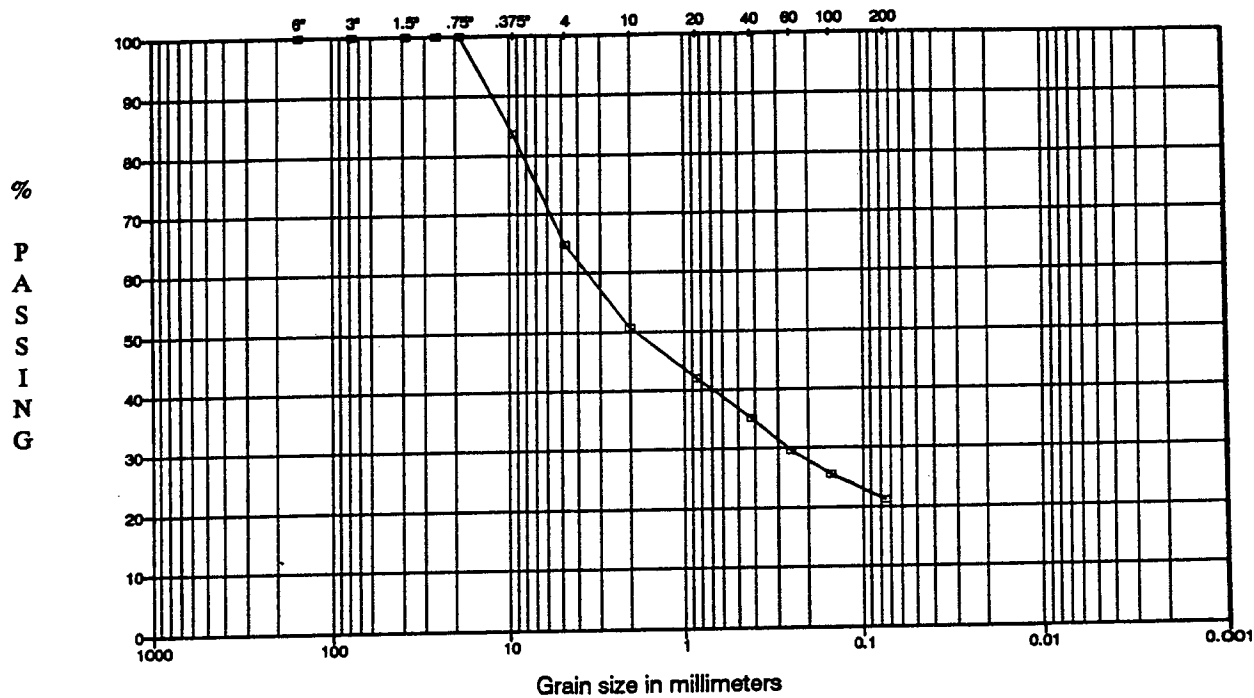
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FILENAME: 911719AF

GOLDER ASSOCIATES INC.
 LAKEWOOD, COLORADO

PARTICLE SIZE DISTRIBUTION ASTM D421 AND D422

US STANDARD SIEVE OPENING SIZES



USCS

COBBLES	Coarse	Fine	C	Med	Fine	FINES (Silt or Clay)
	GRAVEL		SAND			

SAMPLE ID	W%	LL	PL	PI	Gs	DESCRIPTION
BOREHOLE	16.1%	-	-	-	-	Coarse to fine SAND and fine GRAVEL with some fines
SAMPLE NO. RFI-24GAF						
DEPTH (FT.)						
Sample Type:	Date Tested: 06/10/96				USCS: --	

TECH: GI
 DATE: 06/19/96
 CHECKED: ASF
 REVIEWED:

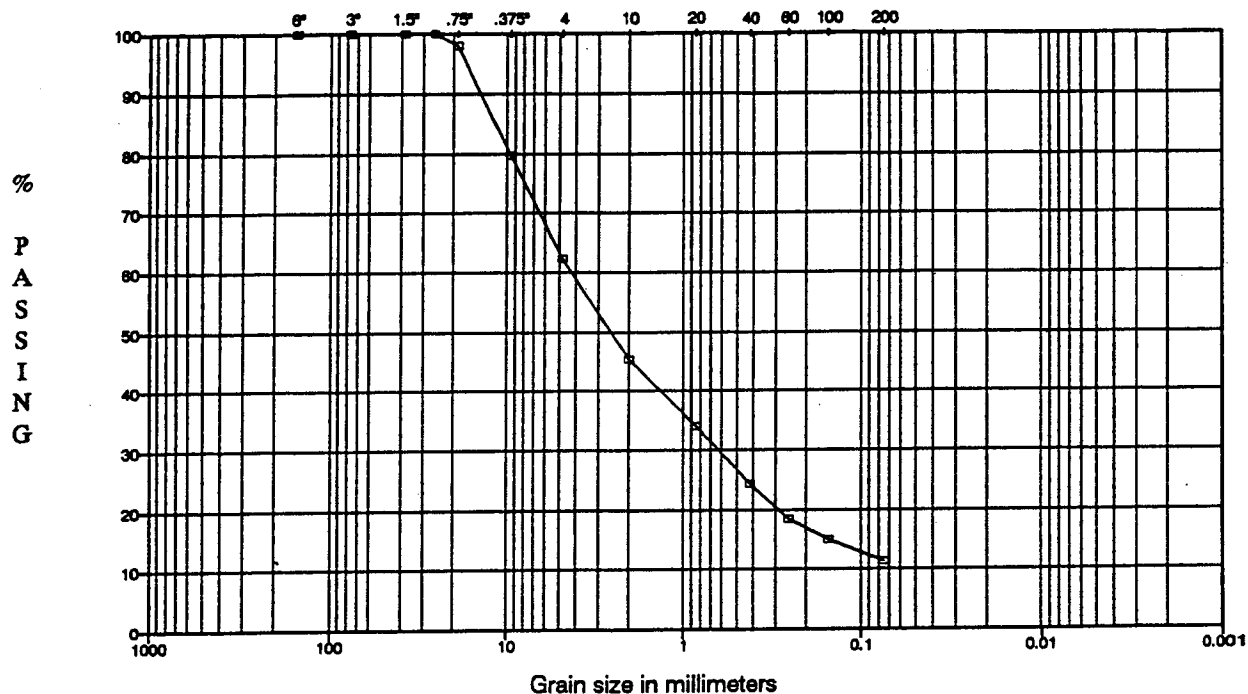
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 963-9117.004

FILENAME: 9117243F

**GOLDER ASSOCIATES INC.
 LAKEWOOD, COLORADO**

PARTICLE SIZE DISTRIBUTION ASTM D421 AND D422

US STANDARD SIEVE OPENING SIZES



USCS

COBBLES	Coarse	Fine	C	Med	Fine	FINES (Silt or Clay)
	GRAVEL		SAND			

SAMPLE ID	W%	LL	PL	PI	G _s	DESCRIPTION
BOREHOLE	23.4%	-	-	-	-	Coarse to fine SAND and coarse to fine GRAVEL with little fines
SAMPLE NO. RFI-23DGAF						
DEPTH (FT.)						

Sample Type: _____ Date Tested: 06/10/96 USCS: --

TECH: GI
 DATE: 06/19/96
 CHECKED: ASF
 REVIEWED:

BCC/RFI/NY
 963-9117.004

FILENAME: 9117209

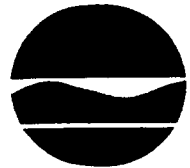
**GOLDER ASSOCIATES INC.
 LAKEWOOD, COLORADO**

APPENDIX K
ECOLOGICAL REFERENCE INFORMATION

Correspondence
New York State Department of
Environmental Conservation
October 7, 1997

New York State Department of Environmental Conservation

270 Michigan Ave., Buffalo, New York 14203-2999
(716) 851-7010

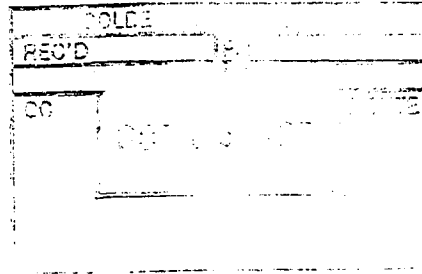


John P. Cahill
Commissioner

October 7, 1997

Mr. Brian Senefelder - Project Director
Golder Associates Inc.
2221 Niagara Falls Blvd., P.O. Box 4069
Niagara Falls, NY 14304-4069

RE: Buffalo Color Corporation
Project No. 963-9117



Dear Mr. Senefelder:

I have reviewed the Natural Heritage Data Files and the Significant Habitat Maps in regards to the above-mentioned project as marked on the map provided by you. The site was not found to contain any known species of special management concern including threatened or endangered status. The site was also not found to contain any known habitat of special concern.

Please be advised that the absence of data does not necessarily mean that rare or endangered elements, natural communities or other significant habitats do not exist on or adjacent to the proposed site, but rather that our files currently do not contain any information which indicates the presence of these. Our files are continually growing as new habitats and occurrences of rare species and communities are discovered. In most cases, site-specific or comprehensive surveys for plant and animal occurrences have not been conducted. For these reasons, we cannot provide a definitive statement on the presence or absence of species, habitats or communities. Nothing in this letter can be substituted for on-site surveys that may be required for environmental assessment.

If I can be of any further assistance, please call 851-7010.

Sincerely,

Robert Lichorat

Robert Lichorat
Fish and Wildlife Technician

For: Kenneth Roblee
Sr. Wildlife Biologist

Ecological Resources
Area D Risk Assessment
Wehran-New York, Inc.
February 1990

4.0 ENVIRONMENTAL SETTING

4.2 ECOLOGICAL RESOURCES

In the past, the Buffalo River was considered to be a generally poor habitat for fish and invertebrates (Makarewicz, 1982), but recent studies have shown that an increasing variety of fish species are living and propagating in the water (Adrian and Merckel, 1989). Bank vegetation is sparse and completely lacking in many areas. The bank of the river has been extensively altered by industrial development, and the river basin is periodically dredged. Since much of the river bank has been developed for industrial use and the banks drop off quickly to a water level of eight meters, only a small amount of shallow, protected nursery habitat for young fish exists. Areas upstream and downstream of the Buffalo Color site are frequently disturbed by propwash from boats and the water is turbid. During recent biological surveys, ichthyoplankton was found in very small numbers both upstream and downstream of the site. The overall abundance and diversity of ichthyoplankton and fish in the river is much lower than in similar, less disturbed rivers in the region (Makarewicz, 1982). A study of the zooplankton in the Buffalo River indicated that species diversity was lower in the more industrial reaches of the river than in the upstream areas near the confluence

of Cazenovia Creek and in the downstream areas near the Harbor (Makarewicz, 1982). Fish found in the Buffalo River include resident species such as carp (Cyprinus carpio), white suckers (Catasomus commersoni), brown bullheads (Ictalurus Degulosus), bluegill sunfish and pumpkinseeds (Leopomis gibbosus). Species which use areas of the river to spawn include emerald golden and spottail shiners (Notropis hudsonius, Notropis crysoleucas, Notropis atherinoides), freshwater drum (Apoldinotus grunniens), largemouth bass (Ambloplites rupestris), gizzard shad (Dorosoma cepedianum), yellow perch (Perca flavescens), and Walleye pike (Stizostedion vitreum). Rainbow trout (Salmo gairdneri) and Chinook salmon (Oncorhynchus tshawytscha) have been reported in the harbor area of the Buffalo River (Makarewicz, 1982). With the exception of Bluegill Sunfish, Walleye Pike and Chinook Salmon, all of the above species were found in a similar study of fish in the Buffalo River which was conducted in 1988. The later study also found evidence of a far wider assortment of fish species including Goldfish (Carassius Auratus) White Perch (Morone Americana), Smallmouth Bass (Micropterus dolomieu), Golden Redhorse (Monostoma erthrurum), White Bass (Morone chrysops), Rock Bass (Ambloplites rupestris), Northern Hog Sucker (Hypentelium nigricans), Alewife (Alosa pseudoharengus), Common Shiner (Notropis cornutus), Quillback Carpsucker (Carpoides cyprinus), Muskellunge (Esok masquinongy), Black Crappie (Pomokis nigromaculatus), Creek Chub (Semotilus atromaculatus), Northern Pike, (Esok lucius), Coho Salmon (Oncorhynchus kisutch), White Crappie (Pomokis annularis), and Brown Trout (Salmo trutta) (Adrian and Merkel, 1989).

Area D Wetland & Habitat Survey

Parsons Engineering Science

October 1995

2.4 FOUNDATION DESIGN INVESTIGATION

A foundation design investigation was conducted by Parsons ES to obtain necessary geotechnical information for the design of the foundation for the water treatment building. The investigation involved advancing two borings in the general proximity of the proposed water treatment plant, sampling and classifying soils, and collecting soil samples for physical analysis in a laboratory. The field data consisted of Standard Penetration Tests (SPT) values and visual soil classification. The laboratory analysis consisted of one-dimensional consolidation tests, moisture content and Atterberg Limits for cohesive soils (clay), and grain size analysis for cohesionless soils (sandy, gravelly soils). The collected data was then used to evaluate the bearing capacity of the soils and determine the amount of anticipated settlement. Based upon this analysis, a spread footer foundation will be required for the water treatment building. Detailed information regarding the foundation design investigation is presented in Appendix A.

2.5 WETLANDS DELINEATION

A wetlands assessment was conducted to delineate wetlands and to determine the potential effect of the project on regulated wetlands located within or near the site. The wetlands assessment was conducted in accordance with the 1987 U.S. Army Corps of Engineers Wetland Delineation Manual. Following the completion of the wetland delineation, field markers denoting wetland boundaries were surveyed and tied into the site survey control. The field survey results were incorporated into the site topographic map and a detailed report is presented in Appendix B.

The majority of the site was characterized by an upland community and evidence of wetland parameters were absent. The Slope Failure Area met the parameters for a jurisdictional wetland and comprised an area of 0.44 acres. The lack of a shrub layer suggests that, of the woody species present, only the fast growing willows and cottonwoods can survive the debris deposition and ice scour naturally occurring in the Buffalo River. In contrast, the annual jewelweed flourishes in the shifting substrate.

Given the small area of the wetland, its downstream location and the large volume of water passing the site, the wetland functions performed by this wetland are quite limited. The amount of floodflow retention and sediment trapping it performs is very minor in this high flow section of the Buffalo River. The primary value of this wetland appears to be its wildlife habitat, not specifically as a typical wetland environment, but more as one of the more limited types of riparian shoreline present in this part of the Buffalo River.

2.9 HABITAT SURVEY

A survey of tree species and beach conditions along the Buffalo River shoreline was conducted in September 1995 by Beak Consultants. The main purpose of the inventory was to assess the feasibility of saving shoreline vegetation during remedial clean-up activities at the site. A secondary purpose of the survey is to provide an inventory of trees and beach conditions along the shoreline prior to remediation. The results of the survey are presented in Appendix D of this report. A summary table identifying the existing habitat type and quantity at the site is presented in Table 2.2.

**TABLE 2.2 ALLIED SIGNAL AREA "D" SITE VEGETATIVE
COMMUNITIES SPECIES LIST**

URBAN VACANT LOT

<u>Common Name</u>	<u>Scientific Name</u>	<u>Abundance</u>
Mugwort	<i>Artemisia Vulgaris</i>	very abundant
Japanese knotweed	<i>Polygonum cuspidatum</i>	abundant
Sweet white clover	<i>Melilotus alba</i>	abundant
Canada goldenrod	<i>Solidago canadensis</i>	common
White snakeroot	<i>Ageratina altissima</i>	common
Burdock	<i>Artium minus</i>	occasional
Curly dock	<i>Rumex crispus</i>	occasional
Queen Ann's lace	<i>Daucus carota</i>	common
Chicory	<i>Chichorium intybus</i>	common
Bittersweet nightshade	<i>Solanum dulcamara</i>	occasional
Hedge bindweed	<i>Calystegia sepium</i>	occasional
Evening primrose	<i>Oenothera biennis</i>	occasional
Shepard's purse	<i>Capsella bursa-pastoris</i>	few
St. John's wort	<i>Hypericum perforatum</i>	few
Spotted knapweed	<i>Centaurea maculosa</i>	few
Staghorn sumac	<i>Rhus typhina</i>	common
Eastern cottonwood	<i>Populus deltoides</i>	abundant
Green ash	<i>Fraxinus pennsylvanica</i>	few
Crack willow	<i>Salix fragilis</i>	abundant
Tree of heaven	<i>Ailanthus altissima</i>	common
Sycamore	<i>Platanus occidentalis</i>	one individual
American elm	<i>Ulmus americana</i>	few

Cobble Shore Wet Meadow

<u>Common Name</u>	<u>Scientific Name</u>	<u>Abundance</u>
Jewelweed	<i>Impatiens capensis</i>	abundant
Enchanter's nightshade	<i>Circaea luteliana</i>	common
Hedge bindweed	<i>Calystegia sepium</i>	common
White snakeroot	<i>Ageratina altissima</i>	common
Canada goldenrod	<i>Solidago canadensis</i>	common
Tall meadow rue	<i>Thalictrum polygamum</i>	occasional
Thin leaved sunflower	<i>Helianthus decapetalus</i>	occasional
Stinging nettle	<i>Urtica dioica</i>	occasional
Wood sage	<i>Teucrium canadense</i>	occasional
Narrow-leaved cattail	<i>Typha angustifolia</i>	occasional
Purple loosestrife	<i>Lythrum salicaria</i>	occasional
Crack Willow	<i>Salix fragilis</i>	abundant
Staghorn sumac	<i>Rhus typhina</i>	occasional
American elm	<i>Ulmus americana</i>	few

Canada goldenrod	<i>Solidago canadensis</i>	common
Tall meadow rue	<i>Thalictrum polygamum</i>	occasional
Thin-leaved sunflower	<i>Helianthus decapetalus</i>	occasional
Stinging nettle	<i>Urtica dioica</i>	occasional
Wood sage	<i>Teucrium canadense</i>	occasional
Narrow-leaved cattail	<i>Typha angustifolia</i>	occasional
Purple loosestrife	<i>Lythrum salicaria</i>	occasional
Crack willow	<i>Salix fragilis</i>	abundant
Staghorn sumac	<i>Rhus typhina</i>	occasional
American elm	<i>Ulmus americana</i>	few