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Golder Associates Inc.

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REPORT ON

OCTOBER 1996 QUARTERLY, SEMI-ANNUAL AND ANNUAL
GROUND WATER MONITORING EVENT
AND SUMMARY OF OFF-SITE AND ON-SITE
GROUND WATER EXTRACTION SYSTEM OPERATION
BELL AEROSPACE TEXTRON
WHEATFIELD, NEW YORK
VOLUME 1 OF 2

Submitted to:

Textron Inc. 40 Westminster Street Providence, Rhode Island 02903

DISTRIBUTION:

8 Copies - Mr. Robert C. Brayley, Textron Inc.; Providence, Rhode Island

1 Copy - Golder Associates Inc.; Buffalo, New York

January 1997

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January 14, 1997

953-9103

Textron Inc.
40 Westminster Street
Providence, Rhode Island 02903

Attention: Mr. Robert C. Brayley

RE: REPORT ON OCTOBER 1996 QUARTERLY, SEMI-ANNUAL AND ANNUAL GROUND WATER MONITORING EVENT AND SUMMARY OF OFF-SITE AND ON-SITE GROUND WATER EXTRACTION SYSTEM OPERATION, TEXTRON REALTY OPERATIONS, WHEATFIELD, NEW YORK

Gentlemen:

Golder Associates Inc. (Golder Associates) is pleased to submit the above referenced Report on October 1996 Quarterly, Semi-Annual and Annual Ground Water Monitoring Event and Summary of Off-Site and On-Site Ground Water Extraction System Operation. This report presents the results of the ground water quality sampling activities conducted for the Textron Realty Operations (Wheatfield) Inc. facility (formerly Bell Aerospace Textron) located in Wheatfield, New York, during October 1996. This report also presents a summary of the performance of the Off-Site Ground Water Extraction System and the On-Site Ground Water Extraction and Pre-Treatment System from September 1996 through November 1996.

As required, Golder Associates is providing as an enclosure to this report, computer diskettes containing the laboratory analytical data in comma delimited, ASCII format, and the hydraulic monitoring data in Excel® format.

Golder Associates appreciates the opportunity to provide continuing professional engineering services to Textron. If you have any questions regarding this report, please do not hesitate to call.

Very truly yours,

GOLDER ASSOCIATES INC.

Anthony L. Grasso, P.G. Project Director/Associate

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1. INTRODUCTION

1.1 Background

This report provides the results of the October 1996 quarterly, semi-annual, and annual ground water sampling activities conducted at the Textron Realty (Wheatfield) Operations Inc. facility (TRO) (formerly Bell Aerospace Textron), located in Wheatfield, New York. In addition, this report presents a summary of the system operations for the Off-Site Ground Water Extraction System (Off-Site System) and On-Site Ground Water Extraction and Pre-Treatment System (On-Site System), during the period between September 1996 through November 1996 (Quarter).

The field procedures and analytical methods for the sampling program were conducted in general accordance with the Revised Ground Water Monitoring Plan (GWMP) (Golder Associates Inc., (Golder Associates) February 1993) and the Corrective Measures Implementation Plan for the On-Site Ground Water Extraction System (Golder Associates, March 1993). The specific sampling locations and frequency of sampling was conducted in accordance with the effectiveness monitoring program outlined in the Annual Summary and System Performance Off-Site and On-Site Ground Water Extraction System Report (Golder Associates, March 1995) and amended by the New York State Department of Environmental Conservation (NYSDEC) (i.e. monitoring well 87-19(1) will continue to be sampled on a semi-annual basis rather than an annual basis and monitoring well 89-06(1) will continue to be sampled on an annual basis rather than be decommissioned, as stated in the above referenced document).

The summary of the operational results of the Off-Site and On-Site System during this Quarter is presented herein in accordance with TRO's NYSDEC Title 6 New York Code of Rules and Regulations (6NYCRR) Part 373 Post-Closure Permit, effective September 14, 1992 (Permit No. 9-2940-00001/00079-0). The summary of system operations for both of the Off-Site and On-Site System is for the period from September 1, 1996 through November 30, 1996.

1.2 Scope and Organization of Report

Section 1.0 provides an overview of the project and provides the organizational structure of the report. Section 2.0 provides an overview of the field sampling activities regarding the hydraulic monitoring measurements, the ground water monitoring well sampling, and ground water extraction well sampling procedures. Section 3.0 provides an overview of the laboratory analytical methodologies and results; Section 4.0 provides an overview of the Off-Site and On-Site System operations for the Quarter; and Section 5.0 provides a brief summary of the hydraulic monitoring data, the laboratory data, and Off-Site and On-Site System operations.

2. FIELD SAMPLING ACTIVITIES

2.1 General

Field sampling activities were performed by Golder Associates personnel according to the procedures detailed in the GWMP. The October 1996 quarterly, semi-annual and annual ground water monitoring event (October 1996 Monitoring Event) was performed on October 15, 1996 through October 18, 1996 for the 41 monitoring wells and 11 extraction wells listed in Table 1 and shown on Figure 1. Monitoring wells 89-02(1) and 89-02(3), however, were resampled on November 11, 1996, due to a laboratory error during the analysis of the original samples. Hydraulic monitoring was performed concurrently with the sampling activities for both the extraction and monitoring wells listed in Table 1. The following sections provide a discussion of the field activities and procedures associated with the hydraulic monitoring and ground water sampling programs.

2.2 Hydraulic Monitoring

Golder Associates personnel performed hydraulic monitoring activities on October 14, 1996, for both on-site and off-site monitoring wells and the extraction wells. Ground water elevations were measured at each monitoring well by using an electronic water level meter. Ground water elevations were recorded from either the in-vault displays at each extraction well or manually by using an electronic water level meter. A summary of the water level measurements obtained during the October 1996 Monitoring Event is presented in Table 2. In addition, the water level elevations and potentiometric contours from the Zone 1 wells sampled during this event are presented on Figure 2.

2.3 Monitoring Well Sampling

The October 1996 Monitoring Event consisted of sampling 38 of 41 monitoring wells as listed in Table 1 and whose locations are referenced on Figure 1. Monitoring wells SW-89-1, 87-18(0), and 87-22(0) were dry during this sampling event, and therefore, could not be sampled.

The physical integrity of each well was initially inspected prior to sampling. The air inside the riser pipe as well as the ambient air in the breathing zone were monitored using an organic vapor monitor (OVM) equipped with a photoionization detector (PID) for volatile organic compounds (VOCs) prior to and during well evacuation. No detections of VOCs over 5 parts per million in the breathing zone were noted during sampling.

Water level measurements were recorded and the volume of standing water in the well was calculated. Three times the calculated volume of standing water was purged from each well, or the well was purged until it was deemed "dry", by utilizing a dedicated stainless steel bailer or peristaltic pump with dedicated polyethylene (PE) tubing. All purge water was collected and transported to TRO for proper disposition. The ground water quality was monitored during purging and sampling by obtaining readings for pH, specific conductance, and temperature. Sample Collection Information Forms detailing the field observations for each well are provided in Appendix A and the results are summarized in Table 3.

The samples collected were analyzed for either United States Environmental Protection Agency (USEPA) SW-846 Method 8240 (Method 8240) or USEPA SW-846 Method 8260 (Method 8260) volatile organics as specified in Table 1. Each sample was immediately put into a cooler filled with ice to maintain the sample at an approximate temperature of 4 degrees Celsius (°C). The samples were then shipped under chain-of-custody procedures to Friend Laboratory, Inc. (FLI) of Waverly, New York, via overnight courier for analysis. The chain-of-custody forms are provided in Appendix B.

2.4 Extraction Well Sampling

The sampling of eleven extraction wells (EW-2 through EW-8 and DW-9 through DW-12, respectively) was accomplished on October 16, 1996 and October 18,1996. The location of each extraction well is shown on Figure 1. Sampling of and entry into each of the extraction wells was conducted according to procedures outlined in the GWMP and in accordance with applicable Occupational Safety and Health Administration confined space entry regulations. Each extraction well was inspected, prior to entering, to ensure that the vault entranceway was free of obstructions. The ambient air inside the vaults was analyzed for lower explosive limit, percent oxygen, hydrogen sulfide, and carbon monoxide using a multi-gas meter prior to entry. The VOC concentrations in each vault were analyzed using an OVM prior to entry. Readings of ambient air quality parameters greater than background concentrations were recorded. During the sampling of all extraction wells, the submersible pump in each extraction well was allowed to operate for at least five minutes prior to sample collection, in order to obtain a representative sample of ground water. Dedicated tubing attached to each well's sampling port was purged for approximately one minute prior to collection. Ground water quality was monitored during purging and sampling by obtaining readings for pH, specific conductance, and temperature. A Sample Collection Information Form detailing the field observations and measurements for each well is provided in Appendix A and the results are summarized in Table 3. Each sample was immediately placed in a cooler with ice in order to maintain the sample at an approximate temperature of 4°C. The samples were then shipped under chain-of-custody procedures to FLI via overnight carrier for analysis. Chain-of-custody forms are provided in Appendix B. The samples collected from the extraction wells were analyzed for Method 8240 volatile organics only.

3. LABORATORY ANALYTICAL METHODS AND RESULTS

3.1 Analytical Methods

All ground water samples collected were analyzed for VOCs only. Method 8240 or Method 8260 were used for all analyses performed during this event.

3.2 Analytical Results

A summary of detected compounds for the October 1996 Monitoring Event is presented in Table 4. A copy of the laboratory analytical data report from each sampling point as well as the associated quality assurance/quality control (QA/QC) data are presented in Appendix C.

3.3 QA/QC Samples

Laboratory prepared trip blanks accompanied each shipment of samples (a total of four) and were analyzed for either Method 8240 or Method 8260 VOCs. In addition, three field blanks were prepared and analyzed; two for Method 8240 and one for Method 8260 VOCs. Also, three duplicate samples were collected and analyzed: sample identification (ID)-BAT89171961015DUP (monitoring well 89-17(1)) for Method 8260 VOCs; ID-BAT9402196015DUP (monitoring well 94-02(1)) and ID-BAT87211961015DUP (monitoring well 87-21(1)), for Method 8240 VOCs. Matrix spike and matrix spike duplicate (MS/MSD) samples were collected from three wells. Monitoring well 89-16 (1) had MS/MSD samples analyzed for Method 8260 VOCs and monitoring wells 89-04 (1) and 87-22 (1) had MS/MSD samples analyzed for Method 8240 VOCs. All method-specific QA/QC blanks were analyzed for either Method 8240 or 8260 VOCs. Results of these QA/QC samples are presented in Appendix C.

3.4 Data Review

The data review employed for this project consists of verifying that analytical holding times were not exceeded, review of the data to insure QA/QC criteria specific to the method had been met, and a review of the MS/MSD and duplicate results.

All holding times, method specific QA/QC criteria, Golder Associates designated MS/MSD, and duplicate results were met for the October 1996 Monitoring Event. QA/QC criteria associated with the October 1996 Monitoring Event are further discussed in the FLI report, as presented in Appendix C. The data are considered to be acceptable and usable as presented herein.

3.5 Data Deliverables

The analytical data presented in Appendix C has been provided on computer diskette, as an enclosure to this report, in ASCII comma delimited format. A hard copy of this ASCII file is provided in Appendix D. The format of the ASCII file has been set up as follows:

LAB ID, ORIGIN, DATE SAMPLED, ANALYTE, RESULT, PQL

Where:

LAB ID = FLI laboratory sample identification number;
ORIGIN = Golder Associates sample identification number;

DATE SAMPLED = Date sampled;

ANALYTE = Specific VOC analyte analyzed according to Method

8240 or Method 8260;

RESULT = Concentration in mg/L or, if non-detected, the practical

quantitation limit is listed; and

PQL = Practical quantitation limit.

4. SUMMARY OF OFF-SITE AND ON-SITE EXTRACTION SYSTEM OPERATIONS

4.1 Review of Off-Site and On-Site System Operations

4.1.1 Off-Site System

Off-Site System operations during the Quarter were normal as no unscheduled maintenance activities were performed. During the Quarter, the average pumping rate for well EW-2 was approximately 25 gallons per minute (gpm); the average pumping rate for EW-3 was approximately 12.5 gpm; the average pumping rate for well EW-4 was approximately 9.5 gpm; and average pumping rate for well EW-5 was approximately 10.0 gpm. The total system flow averaged approximately 83,100 gallons per day (gpd) during the Quarter.

4.1.2 On-Site System

On-Site System operations during this Quarter consisted of general maintenance, and two unscheduled maintenance/repair events. The On-Site System was temporary shut-down in October 1996 for 51 hours for a scheduled quarterly maintenance event. Quarterly maintenance consisted of an inspection of the thermal oxidizer, and an inspection and cleaning of the air strippers, tanks, and the scrubber to the thermal oxidizer.

On September 1 through September 4, 1996, a mechanical breakdown occurred in the scrubber packing of the thermal oxidizer. The scrubber packing was replaced during this period. The On-site System was off-line for a total of 126 hours. In addition, a mechanical breakdown of the scrubber recirculation pump and scrubber level control occurred in November 1996. The scrubber recirculation pump was replaced and the scrubber level control was repaired. The system was only off-line for a total of 10 hours during this event.

Golder Associates

During the Quarter, Textron completed the second phase of the ancillary measures for the On-Site System. In November 1996, installation of hydraulic barriers ("clay stops") was completed in the backfill of the sanitary sewer trench along Walmore Road adjacent to the TRO facility. In July 1996, Textron completed the first phase of the ancillary measures which consisted of drainage improvements TRO facility (area leased by Atlantic Research Corp.). These ancillary measures were designed to minimize induced ground water infiltration to the On-Site System while increasing the effectiveness of system. Textron will further evaluate the effectiveness of these ancillary measures during future monitoring events.

During this Quarter the average treatment flow rate was approximately 40 gpm (58,000 gpd). The average pumping rate for wells EW-7 and EW-8, and DW-9 through DW-12, ranged from approximately 2.2 to 8.0 gpm.

4.2 Discharge Monitoring

Off-Site System

As required by BAT's Niagara County Sewer District No. 1 (NCSD) Industrial Discharge Permit (No. 95-07), effective January 31, 1995, the extracted ground water from the Off-Site System is required to be monitored on a monthly and semi-annual basis. Results of the sewer discharge monitoring indicate that BAT was in compliance with the NCSD permit during this Quarter.

On-Site System

As required by BAT's NCSD Industrial Discharge Permit (No. 94-09), effective January 1, 1994, the extracted ground water from the On-Site System is required to be monitored on a weekly, monthly, and quarterly basis. Results of the sewer discharge monitoring indicate that BAT was in compliance with the NCSD permit during this Quarter.

4.3 Evaluation

4.3.1 Chemical Data for Off-Site and On-Site Systems

Fifteen ground water monitoring events have been performed since the start-up of the Off-Site System, and the last eleven events have been completed under the combined off-site and on-site effectiveness monitoring program. During this Quarter, 38 of 41 monitoring wells and eleven On-Site and Off-Site extraction wells were sampled (three monitoring wells were dry) during this event. The samples were analyzed for either USEPA Method 8240 VOCs or 8260 VOCs.

The analytical results of this Quarter of sampling were compared to historical sampling data. Review of the results indicate that, in general, contaminant concentrations detected in samples from both on-site and off-site Zone 1 monitoring wells are gradually declining, as anticipated. In addition, a reduction in contamination concentrations has also been noted in samples from the on-site overburden wells while the analytical results from samples obtained from Zone 3 wells are comparable to the historical sampling events analytical results. The following specific details have been observed:

- Contaminant concentrations in extraction well EW-6, which has been placed
 off-line, continues to decrease when compared to historical contaminant
 concentrations at this location. This is an indication that operation of the OffSite System is successfully reducing the extent of the contaminant plume in
 Zone 1. Figure 2 presents the approximate limit of the dissolved phase plume
 in the Zone 1 bedrock aquifer based on the ground water quality monitoring
 data obtained during the October 1996 monitoring event;
- VOCs have been detected in samples obtained from well 89-04(1), located east of the TRO facility, during the last two sampling events. As shown on Figure 2, the approximate extent of the dissolved phase plume in Zone 1 is shown just east of this well. The extent of the dissolved phase plume was previously thought to be west of the well based on the analytical results from the January 1996 sampling event, which indicated no detection of VOCs;

- Low level detections of contaminants in samples collected from wells 89-07(1A); 89-07(1B); 89-16(1); and 89-17(1) (including duplicate sample of 89-17(1)) are believed to be anomalous. As shown in Table 4, either carbon disulfide and/or chloromethane were detected at low concentration levels of 1 part per billion (ppb) or less, in samples from these wells. These wells are located hydraulically upgradient from the Off-Site System and historically have been free of VOCs. Carbon disulfide is a common laboratory contaminant and the laboratory reported that chloromethane was detected in quality control laboratory samples. Thus, the low level detections in these wells is considered suspect and likely an artifact of the analytical laboratory; and
- A detection of methyl ethyl ketone at 11 ppb from a sample collected from well 89-02(3) is also suspect and likely an artifact of the analytical laboratory. Methyl ethyl ketone, a common laboratory contaminant, was also reported by the laboratory to be present in quality control laboratory samples. A review of historical sampling results for well 89-02(3) indicate VOCs have not been detected in samples collected from this well with the exception of carbon disulfide.

4.3.2 Hydraulic Response for Off-Site and On-Site Systems

Off-Site System

A ground water equipotential map of the Zone 1 bedrock aquifer in the vicinity of the On-Site and Off-Site System for the October 1996 quarterly monitoring event is presented on Figure 2. A review of this map indicates there is a consistent and significant overlap of the cone-of-depression and the contaminant plume in the off-site area, which is one of the design goals of the system. Ground water flow directions, as shown by the arrows on Figure 2, have remained relatively consistent in the developed cone-of-depression. The flow direction is towards the four pumping extraction wells of the Off-Site System.

On-Site System

The hydraulic response of the On-Site System has generally met the design expectations of establishing a zone of ground water capture over the DNAPL plume; maintaining an upward gradient between the Zone 3 and Zone 1 aquifers; maintaining a downward gradient between the overburden and the Zone 1 aquifer; and establishing a ground water capture zone along the southern property boundary of the TRO facility.

A ground water capture zone has been created by operation of the On-Site System, in the Zone 1 aquifer, over the DNAPL plume. An examination of the Zone 1 equipotential map for the on-site area for October 1996 (as shown on Figure 3), indicates that the operation of the On-Site System is producing a hydraulic capture zone in Zone 1 over the entire DNAPL plume. Ground water flow that may not be captured by the On-Site System's DNAPL wells (i.e. DW-9 through DW-12) is subsequently captured by either on-site extraction wells EW-7 and EW-8 or by the capture zone created by the Off-Site System.

A review of Figure 3 shows that a significant capture zone has developed along the southern boundary of the TRO facility, along Niagara Falls Boulevard, between EW-7 and EW-8. A review of the hydraulic data from piezometers 96-01(1) and 96-02(1) indicate that only a small portion of the ground water that flows between EW-7 and EW-8 is not being captured by these two extraction wells. The extent of the capture zone along the southern boundary of the TRO facility will be re-evaluated once the On-Site System has achieved equilibrium due to the installation of the ancillary measures completed in November 1996.

Data from the October 1996 hydraulic monitoring event (presented in Table 2) indicates that the desired downward gradient between the overburden and Zone 1 is present in 11 of 14 relevant well pairs measured. Of the remaining three well pairs, 87-18, 87-21, and 87-22, the overburden well was dry so no measurement was possible.

Table 2 data also indicate that an upward gradient between Zone 3 and Zone 1 is present in all seven of the relevant well pairs measured. Table 5 presents a summary of vertical hydraulic gradients between Zones 1 and 3 based on the October 1996 hydraulic monitoring data. The data indicate that upward gradients range from 0.28 to 0.85 ft/ft, with all but one well pair (87-15) nearly equaling or exceeding an upward gradient 0.5 ft/ft, the desired upward gradient over the DNAPL plume. Figure 4 presents a plot of

water level elevations verses time for monitoring wells 87-04(1) (a Zone 1 well) and 87-04(3) (a Zone 3 well), obtained with automatic data loggers, from July 1996 through mid-December 1996. The plot shows that an upward gradient from Zone 3 to Zone 1 has been continuously maintained in these wells with brief exceptions due to heavy rainfall events and/or due to the temporary shut-down of the On-Site System for system repair or scheduled routine maintenance.

4.4 Routine Operations and Maintenance

During the October 1996 sampling event, Golder Associates performed a standard general operations and maintenance (O&M) check of each well sampled. All monitoring and extraction wells sampled appeared to be functional and in good working condition, and therefore no maintenance is proposed. The O&M checklist for the October 1996 sampling event is presented on the Sample Collection Information Forms found in Appendix A.

5. SUMMARY

5.1 Hydraulic Monitoring Data

As discussed in Section 2.2, water level measurements were obtained from on-site and offsite monitoring wells and extraction wells on October 14, 1996. Table 2 provides a summary of the water level measurements obtained during this event.

5.2 Laboratory Data

The analytical laboratory data presented herein represents the October 1996 monitoring event at the TRO facility. During the evaluation of this Quarter's data, Golder Associates compared the levels of constituents detected in the monitoring wells with historical sampling data. The results of the October 1996 monitoring event indicate, in general, a slight decrease in contaminant concentrations from samples collected from both on-site and off-site Zone 1 monitoring wells. In addition, a reduction in contamination concentrations has also been noted in samples from the on-site overburden wells while the analytical results from samples obtained from Zone 3 wells are comparable to the historical sampling events.

5.3 Off-Site and On-Site System Performance

The hydraulic response of Zone 1 due to operation of the Off-Site System is consistent with the established zone of ground water capture observed during previous quarterly monitoring events. As such, the performance of Off-Site System is considered acceptable.

The performance of the On-Site System is achieving most design goals. The On-Site System has been effective in creating a ground water capture zone over the entire DNAPL plume and a significant ground water capture zone was observed along the downgradient boundary of the TRO facility during this Quarter's monitoring event. The On-Site System has also been effective in enhancing an upward hydraulic gradient between Zone 3 and Zone 1 over the DNAPL plume and effective in enhancing an downward hydraulic

gradient between the overburden and Zone 1. With the completion of the drainage improvements in the ARC area in July 1996 and hydraulic barriers in the Walmore Road sewer in November 1996, TRO will further evaluate the effectiveness of these ancillary measures on the performance of the On-Site System.

GOLDER ASSOCIATES INC.

Anthony L. Grasso, P.G. Project Director/Associate

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- Golder Associates Inc., February 1993, "Ground Water Monitoring Plan, Bell Aerospace Textron, Wheatfield, New York, February 1993 Revision".
- Golder Associates Inc., March 1993, "Corrective Measures Implementation Plan, On-Site System, Bell Aerospace Textron, Wheatfield, New York".
- Golder Associates Inc., March 1995, "1994-1995 Annual Summary and System Performance Off-Site and On-Site Ground Water Extraction Systems, Bell Aerospace Textron, Wheatfield, New York".

MONITORING POINTS FOR THE ON-SITE AND OFF-SITE EFFECTIVENESS MONITORING PROGRAMS 1996-1997 TEXTRON REALTY OPERATIONS WHEATFIELD, NEW YORK

		SHORT TERM	SEMI-ANNUALLY (C)	ANNUALLY (D)	ANALYTICAL METHOD
WELL NUMBER	QUARTERLY (A)	QUARTERLY (B)	SEMICANITOALES NO	**************************************	
OFF-SITE EFFECTIVENESS MONITORING					1
Zone 1 Wells					8240
87-20(1)		,	l		8240
87-21(1)			l		8240
89-04(1)			l	· '	8240
89-05(1A)			^	l x	8240
89-05(1B)				^	8260
87-19(1)			^	l	8260
89-03(1))	8260
89-06(1)				l	8260
89-07(1A)) · •	8260
89-07(1B)				Î	8260
89-16(1)				l Ŷ	8260
89-17(1)) ·	8260
89-18(1)) x	8240
93-02(1)				^	8240
93-03(1)	X			X	1
94-02(1)		0			52.0
TOTAL ZONE 1 SAMPLES PER EVENT	14	0	10		
TOTAL ZONE 1 SAMPLES PER YEAR Extraction Wells					
EW-2				x	8240
IEW-3				x	8240
IEW-4				. x	8240
IEW-5				x	8240
IEW-6	X				8240
TOTAL EXTRACTION WELL SAMPLES PER EVENT	1	0	0	4	
TOTAL EXTRACTION WELL SAMPLES PER YEAR	•	0		4	
Sewer Trench Well			•		
SW-89(1)		'		X	8240
TOTAL SEWER TRENCH SAMPLES PER EVENT	0	0	0		
TOTAL SEWER TRENCH SAMPLES PER YEAR	0	0	0	1	

TABLE 1

MONITORING POINTS FOR THE ON-SITE AND OFF-SITE EFFECTIVENESS MONITORING PROGRAMS 1996-1997 TEXTRON REALTY OPERATIONS WHEATFIELD, NEW YORK

		SHORT TERM			ANALYTICAL
WELL NUMBER	QUARTERLY (A)	QUARTERLY (B)	SEMI-ANNUALLY (C)	ANNUALLY (D)	METHOD
ON-SITE AND OFF-SITE EFFECTIVENESS MONITORING					İ
Overburden Wells					2000
87-10(0)				X	8260
87-22(0)			X		8260 8260
89-14(0)	2000		X 2		6200
TOTAL OVERBURDEN SAMPLES PER EVENT	0	0	2	1	
TOTAL OVERBURDEN SAMPLES PER YEAR	0	0	•		
Zone 1 Wells		v			8240
87-12(1)		Ŷ		. •	8240
87-18(1) 87-22(1)		x	,		8240
89-14(1)				x	8240
89-15(1)		X			8240
TOTAL ZONE 1 SAMPLES PER EVENT	0		0	1	
TOTAL ZONE 1 SAMPLES PER YEAR	0	16	0	1	
Zone 3 Wells					
87-13(3)		X			8260
89-2(3)		X			8260
TOTAL ZONE 3 SAMPLES PER EVENT	0	2		0	
TOTAL ZONE 3 SAMPLES PER YEAR	0	8	0	0	
ON-SITE EFFECTIVENESS MONITORING					
Overburden Wells				.,	
87-01(0)	1			l X	8260
87-14(0)				l X	8260 8260
B-8				^	8260 8260
87-18(0)	,	1	3		8260
87-20(0)			\ \ \ \ \ \ \ \ \		8260 8260
87-23(0)		0	3	3	0200
TOTAL OVERBURDEN SAMPLES PER EVENT	0	0		3 3	
TOTAL OVERBURDEN SAMPLES PER YEAR	U	U		<u> </u>	

MONITORING POINTS FOR THE ON-SITE AND OFF-SITE EFFECTIVENESS MONITORING PROGRAMS 1996-1997 TEXTRON REALTY OPERATIONS WHEATFIELD, NEW YORK

		FREQUENCY							
		SHORT TERM			ANALYTICAL				
WELL NUMBER	QUARTERLY (A)	QUARTERLY (B)	SEMI-ANNUALLY (C)	ANNUALLY (D)	METHOD				
ON-SITE EFFECTIVENESS MONITORING									
Zone 1 Wells					8240				
87-01(1)				^	8240				
87-02(1)		X			8240 l				
87-04(1)		X			8240				
87-08(1)		X			8240				
87-17(1)		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			8240				
89-02(1)					8240				
B-14(1)		6	0		0240				
TOTAL ZONE 1 SAMPLES PER EVENT	0.	24	0	1					
TOTAL ZONE 1 SAMPLES PER YEAR	0								
Zone 3 Wells		×	,		8260				
87-02(3)	0		0	G					
TOTAL ZONE 3 SAMPLES PER EVENT			0	0					
TOTAL ZONE 3 SAMPLES PER YEAR	0	•							
DNAPL Extraction Wells				x	8240				
DW-9	!			l x	8240				
DW-10				x	8240				
DW-11				l x	8240				
DW-12	0	0	0						
TOTAL DNAPL SAMPLES PER EVENT	0	0		4					
TOTAL DNAPL SAMPLES PER YEAR					·				
Extraction Wells	x				8240				
EW-7	x				8240				
EW-8 TOTAL EXTRACTION WELL SAMPLES PER EVENT	2	0	0	8					
	8	0		0					
TOTAL EXTRACTION WELL SAMPLES PER YEAR	4	13	oo (coccoccoccoccoccoccoccoccoccoccoccoccoc	25					
GRAND TOTAL SAMPLES PER EVENT	16	52		25					
GRAND TOTAL SAMPLES PER YEAR		32		by compling will be conduc					

- (A) Quarterly sampling to be conducted in January, April, July, and October for two years of On-Site System operations and then semi-annually sampling will be conducted thereafter.
- (B) For Zone 1 wells Quarterly sampling to be conducted for the next year (1996-1997) of On-Site System operations and then annually thereafter. For Zone 3 wells Quarterly sampling to be conducted for the first two years of On-Site System operations and then annually thereafter.
- (C) Semi-annual sampling to be conducted each April and October for a period of two years of On-Site System operations and then annual sampling thereafter.
- (D) Annual sampling to be conducted in October.

A water level reading will be taken from each well shown during each monitoring event.

SUMMARY OF HYDRAULIC MONITORING DATA DECEMBER 1996 QUARTERLY, SEMI-ANNUAL AND ANNUAL MONITORING EVENT TEXTRON REALTY OPERATIONS WHEATFIELD, NEW YORK

(Measurements Recorded October 14, 1996)

	TOP OF RISER		WATER LEVEL
WELL	ELEVATION	WATER LEVEL	ELEVATION
NAME	(FT, MSL)	(FT. BTOR)	(FT. MSL)
87-01(0)	588.10	15.15	572.95
87-01(1)	587.99	18.62	569.37
87-02(1)	589.21	17.54	571.67
87-02(3)	588.63	13.64	574.99
87-04(0)	589:32	11.85	577.47
87-04(1)	589.08	16.65	572.43
87-04(3)	589.49	13.34	576.15
87-05(1)	589.37	18.12	571.25
87-05(3)	589.46	13.10	576.36
87-06(1)	588.27	16.12	572.15
87-08(1)	589.48	16.81	572.67
87-10(0)	587.30	14.85	572.45
87-10(1)	587.52	18.85	568.67
87-12(1)	583.84	18.50	565.34
87-13(0)	589.77	9.12	580.65
87-13(1)	590.06	17.18	572.88
87-13(3)	589.91	13.60	576.31
87-14(0)	589.56	11.28	578.28
87-14(1)	589.06	16.93	572.13
87-14(3)	590.35	13.78	576.57
87-15(0)	590 <u>.</u> 70	13.32	577.38 ·
87-15(1)	590.27	15.58	574.69
87-15(3)	589.87	13.20	576.67
87-16(3B)	590.51	13.92	576.59
87-17(0)	589.50	12.10	577.40
87-17(1)	589.62	13.27	576.35
87-18(0)	585.95	DRY	DRY
87-18(1)	586.02	21.70	564.32
87-19(0)	581.57	9.11	572.46
87-19(1)	581.47	15.37	566.10
87-20(0)	578.77	7.55	571.22
87-20(1)	579.01	13.65	565.36
87-21(0)	577.23	DRY	DRY
87-21(1)	577.33	12.09	565.24
87-22(0)	583.80	DRY	DRY
87-22(1)	583.97	16.28	567.69
87-23(0)	587.27	7.75	579.52
87-23(1)	587.13	16.74	570.39
89-02(1)	584.63	16.82	567.81
89-02(3)	584.80	11.02	573.78
89-03(1)	581.30	16.10	565.20
89-04(1)	577.92	8.80	569.12

SUMMARY OF HYDRAULIC MONITORING DATA DECEMBER 1996 QUARTERLY, SEMI-ANNUAL AND ANNUAL MONITORING EVENT TEXTRON REALTY OPERATIONS WHEATFIELD, NEW YORK

(Measurements Recorded October 14, 1996)

	TOP OF RISER		WATER LEVEL
WELL	ELEVATION	WATER LEVEL	ELEVATION
NAME	(FT. MSL)	(हा, आश्री	(FT. MSL)
89-05(1A)	577.56	16.99	560.57
89-05(1B)	577.77	12.96	564.81
89-06(1)	575.93	11.10	564.83
89-07(1A)	577.66	13.10	564.56
89-07(1B)	577.48	12.61	564.87
89-12(1)	586.60	18.33	568.27
89-13(0)	588.18	13.10	575.08
89-14(0)	587.45	10.30	577.15
89-14(1)	587.59	15.56	572.03
89-15(1)	588.76	19.21	569.55
89-16(1)	576.76	7.93	568.83
89-17(1)	577.59	8.46	569.13
89-18(1)	576.75	14.50	562.25
93-02(1)	579.05	19.88	559.17
93-03(1)	572.30	13.81	558.49
94-02(1)	574.30	9.66	564.64
96-01(1)	585.18	19.05	566.13
96-02(1)	584.82	19.16	565.66
B-8(0)	590.26	11.16	579.10
B-12(0)	589.48	13.36	576.12
B-13(1)	588.41	15.78	572.63
B-14(1)	589.54	17.02	572.52
89-SW(1)	581.18	DRY	DRY
89-SW(2)	577.54	12.34	565.20
EW-2	568.15	8.49	559.66
EW-3	569.56	N/A	556.10
EW-4	570.07	N/A	557.90
EW-5	569.47	N/A	554.30
EW-6	568.17	7.66	562.40
EW-7	578.09	N/A	562.60
EW-8	575.73	N/A	557.81
DW-9	581.23	N/A	567.70
DW-10	581.06	N/A	571.80
DW-11	580.13	N/A	570.90
DW-12	577.59	N/A	568.20

NOTES:

BTOR = Below top of riser.

N/A = Not applicable, measurement taken from electronic

readout in vault.

MSL = Mean sea level.

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TABLE 3
SUMMARY OF FIELD SAMPLING MEASUREMENTS AND OBSERVATIONS
OCTOBER 1996 QUARTERLY, SEMI-ANNUAL AND ANNUAL MONITORING EVENT
TEXTRON REALTY OPERATIONS
WHEATFIELD, NEW YORK

						pH	CONDL	CIFIC ICTANCE REMENTS	TEMPE	RATURE	₽U	RGE/	
			DERTH TO	VOLUME		REMENTS	(umh	os/cm)	9	(C)		MPLE VICE	
SAMPLE ID	SAMPLE LOCATION	DATE SAMPLED	GROUND WATER (BTOR)	PURGED (GAL)	PURGE	SAMPLE	PURGE	SAMPLE	PURGE	SAMPLE		SAMPLE	REMARKS
BAT87010961017	87-01(0)	10/17/96	15.15	0.7	7.7	7.7	1100	1000	17.0	18.0	(1)	(1)	BROWN, SULFIDE SMELL
BAT87011961017	87-01(1)	10/17/96	18.62	7.0	8.1	7.6	900	1000	16.0	15.0	(1)	(1)	CLEAR, SULFIDE SMELL
BAT87021961017	87-02(1)	10/17/96	17.54	7.8	8.4	8.3	500	500	15.0	15.0	(1)	(1)	CLEAR, SULFIDE SMELL
BAT87023961017	87-02(3)	10/17/96	13.64	21.5	7.9	7.4	1500	1500	16.0	13.0	(1)	(1)	GRAY, SULFIDE SMELL
BAT87041961016	87-04(1)	10/16/96	16.65	7.6	8.0	8.0	600	600	16.0	16.0	(1)	(1)	SLIGHT TURBID, BIOLOGICAL MATTER, LT. GRAY
BAT87081961016	87-08(1)	10/16/96	16.81	7.6	7.8	7.4	1000	1100	15.0	15.0	(1)	(1)	CLEAR, SULFIDE SMELL
BAT87100961016	87-10(0)	10/16/96	14.85	1.6	7.9	7.7	900	500	22.0	22.0	(1)	(1)	BROWN, SULFIDE SMELL
BAT87121961017	87-12(1)	10/17/96	18.50	7.0	8.0	7.9	800	900	17.0	17.0	(1)	(1)	CLEAR, SULFIDE ODOR
BAT87133961018	87-13(3)	10/18/96	9.12	23.4	7.9	7.4	1500	1600	17.0	15.0	(1)	(1)	CLEAR, SLIGHT SULFIDE ODOR
BAT87140961018	87-14(0)	10/18/96	11.28	2.4	8.6	8.2	1000	900	14.0	14.0	(1)	(1)	GRAY, SULFIDE SMELL
BAT87171961016	87-17(1)	10/16/96	13.27	9.0	7.7	7.4	1100	1100	14.0	15.0	(1)	(1)	CLEAR, SULFIDE SMELL
BAT87180961017	87-18(0)	10/17/96	DRY	••	**	**	••	**	**	**	(1)	(1)	DRY
BAT87181961017	87-18(1)	10/17/96	21.70	5.3	7.9	7.5	1000	1000	16.0	15.0	(1)	(1)	CLEAR, SULFIDE SMELL
BAT87191961015	87-19(1)	10/15/96	15.37	8.9	8.2	8.0	900	800	12.0	11.0	(1)	(1)	CLEAR, SULFIDE SMELL
BAT87200961017	87-20(0)	10/17/96	7.55	1.2	8.1	7.7	1100	1000	16.0	16.0	(1)	(1)	CLEAR, SULFIDE SMELL
BAT87201961017	87-20(1)	10/17/96	13.65	8.4	7.7	7.7	1100	1000	14.0	14.0	(1)	(1)	CLEAR, SULFIDE SMELL
BAT87211961015	87-21(1)	10/15/96	12.09	10.4	8.3	8.2	500	700	15.0	14.0	(1)	(1)	CLEAR, SULFIDE SMELL
BAT87220961017	87-22(0)	10/17/96	DRY	**	••	**	**	**	••	**	(1)	(1)	DRY
BAT87221961015	87-22(1)	10/15/96	16.98	7.4	8.0	8.2	1200	1000	10.5	10.0	(1)	(1)	CLEAR, SULFIDE SMELL
BAT87230961016	87-23(0)	10/16/96	7.75	4.4	7.9	8.1	800	800	15.0	14.0	(1)	(1)	BROWN-GRAY, SULFIDE SMELL, DRY @ 3.0 GAL.
BAT89021961105	89-02(1)	11/05/96	16.82	8.4	8.7	7.7	2000	2600	12.0	11.0	(3)	(1)	CLEAR, SULFIDE ODOR (RESAMPLED-LAB ERROR)
BAT89023961105	89-02(3)	11/05/96	11.02	22.7	7.3	7.4	4700	4500	12.0	11.0	(1)	(1)	CLEAR, STRONG SULFIDE ODOR
BAT89031961015	89-03(1)	10/15/96	16.10	9.4	7.9	7.6	700	900	13.0	12.0	(1)	(1)	CLEAR, SULFIDE SMELL
BAT89041961015	89-04(1)	10/15/96	8.80	10.0	8.0	7.0	1200	1100	15.0	11.0	(1)	(1)	CLEAR, SULFIDE SMELL
BAT89051A961017	1 ''	10/17/96	16.99	12.2	7.8	7.4	1100	1100	16.0	12.0	(3)	(1)	CLEAR, SULFIDE SMELL
BAT89051B961017	1 ' '	10/17/96	12.96	7.5	7.8	7.7	700	600	16.0	15.0	(1)	(1)	CLEAR, BLACK PARTICULATE, SULFIDE SMELL
BAT89061961015	89-06(1)	10/15/96	11.10	19.5	7.8	7.7	800	1100	11.0	10.0	(1)	(1)	CLEAR, SULFIDE ODOR
BAT89071A961017	, , ,	10/17/96	13.10	18.7	7.9	7.4	900	1100	12.0	11.0	(1)	(1)	CLEAR, SULFIDE SMELL
BAT89071B961017		10/17/96	12.61	14.4	7.4	7.8	1000	1000	11.0	10.0	(3)	(1)	CLEAR, SULFIDE SMELL
BAT89140961017	89-14(0)	10/17/96	10.30	0.7	7.7	7.9	1200	1200	17.0	16.0	(1)	(1)	CLEAR-CHOC. BROWN, SULFIDE SMELL

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TABLE 3 SUMMARY OF FIELD SAMPLING MEASUREMENTS AND OBSERVATIONS OCTOBER 1996 QUARTERLY, SEMI-ANNUAL AND ANNUAL MONITORING EVENT TEXTRON REALTY OPERATIONS WHEATFIELD, NEW YORK

	SAMPLE	DATE	DEPTH TO GROWNO WATER	VOLUME PURGED		pH REMENTS	CONDU MEASUF	CIFIC CTANCE REMENTS ON/CM)	Ą	RATURE (C)	SA DE	IRGE/ MPLE EVICE	
SAMPLEID	LOCATION	SAMPLED		(GAL)	PURGE	SAMPLE	PURGE	SAMPLE		SAMPLE		SAMPLE	
BAT89141961017	89-14(1)	10/17/96	15.56	7.5	7.7	7.7	900	900	14.0	15.0	(1)	` '	CLEAR, SULFIDE SMELL
BAT89151961017	89-15(1)	10/17/96	19.21	7.3	7.8	7.7	1000	1000	18.0	14.0	(3)	• •	CLEAR WITH PARTICULATE, SULFIDE SMELL
BAT89161961015	89-16(1)	10/15/96	7.93	12.0	7.4	7.5	700	1200	12.0	15.0	(1)	(.,	CLEAR
BAT89171961015	89-17(1)	10/15/96	8.46	14.0	75	7.7	1600	1200	12.0	11.0	(1)	` '	BLACK/GRAY
BAT89181961015	89-18(1)	10/15/96	14.50	12.5	7.7	7.5	1100	1000	10.0	9.0	(1)	(.,	CLEAR SULFIDE SMELL
BAT93021961016	93-02(1)	10/16/96	19.88	8.5	8.0	7.9	700	700	12.0	12.0	(1)	` '	CLEAR, SULFIDE SMELL
BAT93031961016	93-03(1)	10/16/96	13.81	16.0	8.7	7.7	1600	1000	10.0	12.0	(3)	٠.,	CLEAR, SULFIDE SMELL
BAT94021961015	94-02(1)	10/15/96	9.66	16.2	7.7	7.4	1500	1100	11.0	10.0	(1)		CLEAR, SULFIDE SMELL CLEAR, SULFIDE SMELL
BATEW2961016	EW-2	10/16/96	N/A	1.0	8.1	8.1	800	800	13.0	13.0	(2)	(2)	· ·
BATEW3961016	EW-3	10/16/96	N/A	1.0	7.9	7.9	900	900	14.0	14.0	(2)	(2)	CLEAR, SULFIDE SMELL
BATEW4961016	EW-4	10/16/96	N/A	1.0	7.5	7.5	800	800	16.0	16.0	(2)	(2)	CLEAR, SULFIDE SMELL
BATEW5961016	EW-5	10/16/96	N/A	1.0	7.7	7.7	1100	1100	14.0	14.0	(2)	• •	CLEAR, SULFIDE SMELL
BATEW6961016	EW-6	10/16/96	N/A	150.0	8.2	8.2	700	700	12.0	12.0	(2)		CLEAR, SULFIDE SMELL
BATEW7961018	EW-7	10/18/96	N/A	1.0	8.0	7.8	900	900	15.0	16.0	(2)		CLEAR, SULFIDE SMELL
BATEW8961018	EW-8	10/18/96	N/A	1.0	7.9	7.7	900	900	17.0	16.0	(2)	(2)	CLEAR, SULFIDE SMELL
BATDW9961018	DW-9	10/18/96	N/A	1.0	8.0	7.7	1100	1000	13.0	13.0	(2)	(2)	CLEAR, SULFIDE SMELL
BATDW10961018	DW-10	10/18/96	N/A	1.0	8.1	7.9	700	700	15.0	15.0	(2)	(2)	CLEAR, STRONG SULFIDE ODOR
BATDW11961018	DW-11	10/18/96	N/A	1.0	8.3	8.0	900	800	15.0	15.0	(2)	(2)	CLEAR, SULFIDE SMELL
BATDW12961018	DW-12	10/18/96	N/A	1.0	8.6	8.6	900	900	16.0	16.0	(2)	(2)	CLEAR, SULFIDE SMELL
BATB80961016	B-8(0)	10/16/96	11.16	3.4	8.0	8.2	700	600	18.0	14.0	(3)	(1)	HIGHLY TURBID GRAY, SULFIDE SMELL
BATB141961016	B-14(1)	10/16/96	17.02	3.0	7.7	7.4	1100	1100	18.0	14.0	(3)	(1)	CLEAR, SULFIDE SMELL
BATSW891961017	SW-89(1)	10/17/96	DRY	••	**	**	**	**	**	**	••	**	DRY

NOTES:

BTOR = Below Top Of Riser

GAL = Gallons

> = Greater than

N/A = Measurement taken from electronic readout in the vault.

- = Not taken, the thermometer was broken.
- * = Insufficient volume to allow collection of parameters.
- ** = Well not sampled

- (1) Stainless Steel Bailer
- (2) Dedicated Polyethylene (PE) Tubing
- (3) Peristaltic Pump with PE Tubing

SAMPLE LOCATION	87-01(1)	87-02(1)	87-02(3)	87-04(1)	87-08(1)	87-10(0)	87-12(1)
SAMPLE LD.	BAT87011961017	BAT87021961017	BAT87023961017	BAT87041961016	BAT87081961016	BAT87100961016	BAT87121961017
SAMPLE DATE	10/17/96	10/17/96	10/17/96	10/16/96	10/16/96	10/16/96	10/17/96
UNITS	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
ANALYTICAL METHOD	8240	8240	8260	8240	8240	8260	8240
PARAMETER							
CHLOROMETHANE	-	-	•	-	-	•	-
VINYL CHLORIDE	150	•	·	-	<u> </u>	-	<u> </u>
1 1-DICHLOROETHENE	-	•	•		•,	•	· -
CARBON DISULFIDE	-		3	<u> </u>	•	0.7	<u> </u>
METHYLENE CHLORIDE		-		320	3400	•	-
TRANS-1 2-DICHLOROETHENE	-	-	<u>- </u>	•	-	-	· -
1 1-DICHLOROETHANE	•	-	-	-	•	2	-
CIS-1 2-DICHLOROETHENE	920	350	•	270	1300	54	3400
METHYL ETHYL KETONE	-		-	<u> </u>	•	-	•
CHLOROFORM		-	•	<u> </u>	-	5	-
1 1 1-TRICHLOROETHANE	58	-	-	37	-	8	<u> </u>
CARBON TETRACHLORIDE	-	-	<u> </u>		-	-	-
BENZENE	•	•	•	•	-	-	<u> </u>
TRICHLOROETHENE		220	-	39	550	2	3200
TOLUENE	•	-	-	•		•	-
1 1 2-TRICHLOROETHANE	-	•	-	<u>- </u>	-		-
ETHYLBENZENE	•		•	•	•	•	•
P-XYLENE/M-XYLENE	-	•	•	-	-	-	<u> </u>
O-XYLENE	-	•	-	•		<u> </u>	<u> </u>

- -= Compound not detected at the Practical Quantitation Limit; refer to Appendix C for Practical Quantitation Limits.
- * = Duplicate sample.
- ** = Detection suspect due to compound being detected in quality control laboratory samples.

SAMPLE LOCATION	87-13(3)	87-14(0)	87-17(1)	87-18(1)	87-19(1)	87-20(0)	87-20(1)
SAMPLE I.D.		BAT87140961018	BAT87171961016	BAT87181961017	BAT87191961016	BAT87200961017	BAT87201961017
SAMPLE DATE	10/18/96	10/18/96	10/16/96	10/17/96	10/15/96	10/17/96	10/17/96
UNITS	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L_	ug/L
ANALYTICAL METHOD	8260	8260	8240	8240	8260	8260	8240
PARAMETER							
CHLOROMETHANE		-		-	-	•	· · · · · · · · · · · · · · · · · · ·
VINYL CHLORIDE	9	4	59	310	-	•	·
1 1-DICHLOROETHENE	0.6	36	•	-	-	•	<u> </u>
CARBON DISULFIDE	124	96		-	•	-	<u> </u>
METHYLENE CHLORIDE	1	•	<u> </u>	-	•	<u> </u>	-
TRANS-1 2-DICHLOROETHENE	0.6	64	•	<u> </u>	•	-	•
1 1-DICHLOROETHANE	-	2	<u>-</u>	•	•	-	-
CIS-1 2-DICHLOROETHENE	71	7150	450	2000	7		11000
METHYL ETHYL KETONE	•	•	•	•	-	•	13000
CHLOROFORM	0.5	160	•	•		<u> </u>	<u> </u>
1 1 1-TRICHLOROETHANE	-	1	61	·	-		•
CARBON TETRACHLORIDE	•	2	-	-	-	•	-
BENZENE	•	12	<u>.</u>	<u> </u>	<u> </u>		•
TRICHLOROETHENE	190	13200	-	•	3	0.6	6000
TOLUENE	• •	2		-	<u> </u>	•	•
1 1 2-TRICHLOROETHANE	-	2		-	•		
ETHYLBENZENE		0.6	•	•	•	•	
P-XYLENE/M-XYLENE		1		•	•		<u> </u>
O-XYLENE	•	0.9	-	•	·		<u> </u>

- -= Compound not detected at the Practical Quantitation Limit; refer to Appendix C for Practical Quantitation Limits.
- = Duplicate sample.
- •• = Detection suspect due to compound being detected in quality control laboratory samples.

SAMPLE LOCATION	87-21(1)	87-21(1)*	87-22(1)	89-02(1)	89-02(3)	89-03(1)	89-04(1)
SAMPLE LD.	BAT87211961015	BAT87211961015DUP	BAT87221961016	BAT89021961105	BAT89023961105	BAT89031961015	BAT89041961016
SAMPLE DATE	10/15/96	10/15/96	10/15/96	11/05/96	11/05/96	10/16/96	10/15/96
UNITS	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
ANALYTICAL METHOD	8240	8240	8240	8260	8260	8260	8240
PARAMETER				1			
CHLOROMETHANE		•		-	-	-	-
VINYL CHLORIDE	-	5	•		-	<u> </u>	
1 1-DICHLOROETHENE	-	•	-		-	•	•
CARBON DISULFIDE	-	-		-		<u> </u>	150
METHYLENE CHLORIDE	•	-	-	•			-
TRANS-1 2-DICHLOROETHENE	•	•		-	-	•	•
1 1-DICHLOROETHANE	•	•	-	-	<u> </u>	•	<u> </u>
CIS-1 2-DICHLOROETHENE	340	320	3000	6910		39	22
METHYL ETHYL KETONE	•		-	•	11 **	•	•
CHLOROFORM	-	•	•	•	-	•	•
1 1 1-TRICHLOROETHANE	6	7		-	<u> </u>	•	-
CARBON TETRACHLORIDE	•	•	-	•	-	-	•
BENZENE	•	•		<u> </u>	•		<u> </u>
TRICHLOROETHENE	53	57	440	5030	•	<u> </u>	6
TOLUENE	•	•		-	-	-	
1 1 2-TRICHLOROETHANE	•	-	•	•	-	<u> </u>	-
ETHYLBENZENE		•		•	-	<u> </u>	<u> </u>
P-XYLENE/M-XYLENE	-	•	•	•	<u> </u>		-
O-XYLENE	•			<u> </u>	•	<u> </u>	<u> </u>

- -= Compound not detected at the Practical Quantitation Limit; refer to Appendix C for Practical Quantitation Limits.
- = Duplicate sample.
- •• = Detection suspect due to compound being detected in quality control laboratory samples.

SAMPLE LOCATION	89-05(1A)	89-06(1B)	89-07(1A)	89-07(1B)	89-14(1)	89-15(1)	89-16(1)
SAMPLE LO.			BAT89071A961017	BAT89071B961017	BAT89141961017	BAT89151961017	BAT89161961015
SAMPLE DATE	10/17/96	10/17/96	10/17/96	10/17/96	10/17/96	10/17/96	10/15/96
UNITS	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
ANALYTICAL METHOD	8240	8240	8260	8260	8240	8240	8260
PARAMETER							
CHLOROMETHANE			0.6 **	0.6 **	-	•	
VINYL CHLORIDE	32	. 9	•	•	<u>-</u> .		
1 1-DICHLOROETHENE	•	-	-	•	•	<u> </u>	
CARBON DISULFIDE	-	-	0.8 **	0.8 **	-		1 **
METHYLENE CHLORIDE		-	•		-	20000	<u> </u>
TRANS-1 2-DICHLOROETHENE		-	•	•			<u> </u>
1 1-DICHLOROETHANE	•	-	•	-	<u>-</u>	•	• •
CIS-1 2-DICHLOROETHENE	320	32	•	•	490	2000	
METHYL ETHYL KETONE		•	-	•	•	<u> </u>	<u> </u>
CHLOROFORM	•		<u>.</u>	•	-	•	-
1 1 1-TRICHLOROETHANE	-	-	•	-	26	-	<u> </u>
CARBON TETRACHLORIDE			-	<u> </u>	<u> </u>	-	<u> </u>
BENZENE	-		•	-	•		
TRICHLOROETHENE	-	•	•	-	-	21000	<u> </u>
TOLUENE	•		•	• -	-	<u> </u>	<u> </u>
1 1 2-TRICHLOROETHANE	-	•	•	•	•	<u> </u>	<u> </u>
ETHYLBENZENE	-		•	-	<u>.</u>	<u> </u>	:
P-XYLENE/M-XYLENE		•	-	•	-	-	-
O-XYLENE		•	•	<u> </u>	-		<u> </u>

- -= Compound not detected at the Practical Quantitation Limit; refer to Appendix C for Practical Quantitation Limits.
- * = Duplicate sample.
- ** = Detection suspect due to compound being detected in quality control laboratory samples.

SAMPLE LOCATION	89-17(1)	89-17(1)*	93-02(1)	B-14(1)	DW-9	DW-10	DW-11
SAMPLE I.D.	BAT89171961015	BAT89171961016DUP	BAT93021961016	BATB141961016	BATDW9961018	BATDW10961018	BATDW11961018
SAMPLE DATE	10/15/96	10/15/96	10/16/96	10/16/96	10/18/96	10/18/96	10/18/96
UNITS	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
ANALYTICAL METHOD	8260	8260	8240	8240	8240	8240	8240
PARAMETER							
CHLOROMETHANE	-	•	-	•	•	•	
VINYL CHLORIDE	• .	•	90	120	140	-	<u> </u>
1 1-DICHLOROETHENE	-	•	-		•		
CARBON DISULFIDE	0.6 **	0.9 **		•	•	<u> </u>	<u> </u>
METHYLENE CHLORIDE	•	-		•	2500	14000	2700
TRANS-1 2-DICHLOROETHENE	•	-	•	-	-	-	-
1 1-DICHLOROETHANE	-	<u> </u>	-		-		•
CIS-1 2-DICHLOROETHENE		•	560	600	3200	-	3200
METHYL ETHYL KETONE		-	380	-	-	-	<u> </u>
CHLOROFORM	•	-	-	-		-	<u> </u>
1 1 1-TRICHLOROETHANE	<u>-</u>	•	-	70		-	•
CARBON TETRACHLORIDE	-	•		-		-	<u> </u>
BENZENE	•	•	<u> </u>	-		-	-
TRICHLOROETHENE		•	•	26	1600	-	11000
TOLUENE	•	•	•	•	•	-	•
1 1 2-TRICHLOROETHANE			•	<u> </u>	•		•
ETHYLBENZENE			•	•	-	•	•
P-XYLENE/M-XYLENE	•	•	•	-	-	-	
O-XYLENE		-	•	<u>-</u>	<u> </u>	<u> </u>	<u> </u>

- -= Compound not detected at the Practical Quantitation Limit; refer to Appendix C for Practical Quantitation Limits.
- * = Duplicate sample.
- •• = Detection suspect due to compound being detected in quality control laboratory samples.

SAMPLE LOCATION	DW-12	EW-2	EW-3	EW4	EW-6	EW-6	EW-7	EW-8
SAMPLE LD.	BATDW12961018	BATEW2961016	BATEW3961016	BATEW4961016	BATEW5961016	BATEW6961016	BATEW7961018	BATEW8961018
SAMPLE DATE	10/18/96	10/16/96	10/16/96	10/16/96	10/16/96	10/16/96	10/18/96	10/18/96
UNITS	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
ANALYTICAL METHOD	8240	8240	8240	8240	8240	8240	8240	8240
PARAMETER								
CHLOROMETHANE	-	•	-			-	-	-
VINYL CHLORIDE	46	•	•.	38	46	15	520	160
1 1-DICHLOROETHENE	-	-	•	-	<u> </u>	-	-	-
CARBON DISULFIDE		•	•	-	-	-		·
METHYLENE CHLORIDE	710		· <u>-</u>	<u> </u>		<u> </u>	• •	<u> </u>
TRÂNS-1 2-DICHLOROETHENE	-	-	•	•	•	-	•	<u> </u>
1 1-DICHLOROETHANE	-	-			<u> </u>	-	-	<u> </u>
CIS-1 2-DICHLOROETHENE	3600	1900	2800	200	120	59	5200	2000
METHYL ETHYL KETONE	•	•	-		73	<u> </u>	•	
CHLOROFORM	-	-	•	-	•		•	
1 1 1-TRICHLOROETHANE	68	•	-		-	<u> </u>	-	-
CARBON TETRACHLORIDE	-	•	-	•	<u>-</u>	-		
BENZENE		•	-	•	<u> </u>	-		<u> </u>
TRICHLOROETHENE	9300	330	•	-	<u> </u>	-	<u> </u>	950
TOLUENE	-	•	-	<u>-</u>	<u> </u>		-	•
1 1 2-TRICHLOROETHANE	-	•	•	•	-		-	-
ETHYL8ENZENE		-	•	•	-	•	•	
P-XYLENE/M-XYLENE		•		•	-	-		-
O-XYLENE	<u> </u>	-		-		<u> </u>	<u> </u>	<u> </u>

- -= Compound not detected at the Practical Quantitation Limit; refer to Appendix C for Practical Quantitation Limits.
- * = Duplicate sample.
- •• = Detection suspect due to compound being detected in quality control laboratory samples.

JANUARY 1997

TABLE 5 SUMMARY OF VERTICAL HYDRAULIC GRADIENTS OCTOBER 1996 QUARTERLY, SEMI-ANNUAL AND ANNUAL MONITORING EVENT TEXTRON REALTY OPERATIONS WHEATFIELD, NEW YORK

	TOP OF RISER			WATER LEVEL	HEAD DIFFERENCE	THICKNESS	VERTICAL
WELL	ELEVATION	WATER LEVEL	DATE	ELEVATION	ZONE 3 - ZONE 1 (dH)	ZONE 2 (dL)	GRADIENT
NAME	(FT. MSL)	(FT. BTOR)	MEASURED	(FT, MSL)	(FT.)	(FT.)	dH/dL
87-02(1)	589.21	17.54	10/14/96	571.67	3.32	7.00	0.47
87-02(3)	588.63	13.64		574.99	1	'	
87-04(1)	589.08	16.65	10/14/96	572.43	3.72	7.00	0.53
87-04(3)	589.49	13.34		576.15			
87-05(1)	589.37	18.12	10/14/96	571.25	5.11	7.00	0.73
87-05(3)	589.46	13.10		576.36	<u> </u>		
87-13(1)	590.06	17.18	10/14/96	572.88	3.43	7.00	0.49
87-13(3)	589.91	13.60		576.31			
87-14(1)	589.06	16.93	10/14/96	572.13	4.44	7.00	0.63
87-14(3)	590.35	13.78		576.57	<u> </u>		
87-15(1)	590.27	15.58	10/14/96	574.69	1.98	7.00	0.28
87-15(3)	589.87	13.20		576.67	<u> </u>		
89-02(1)	584.63	16.82	10/14/96	567.81	5.97	7.00	0.85
89-02(3)	584.80	11.02		573.78			

NOTES:

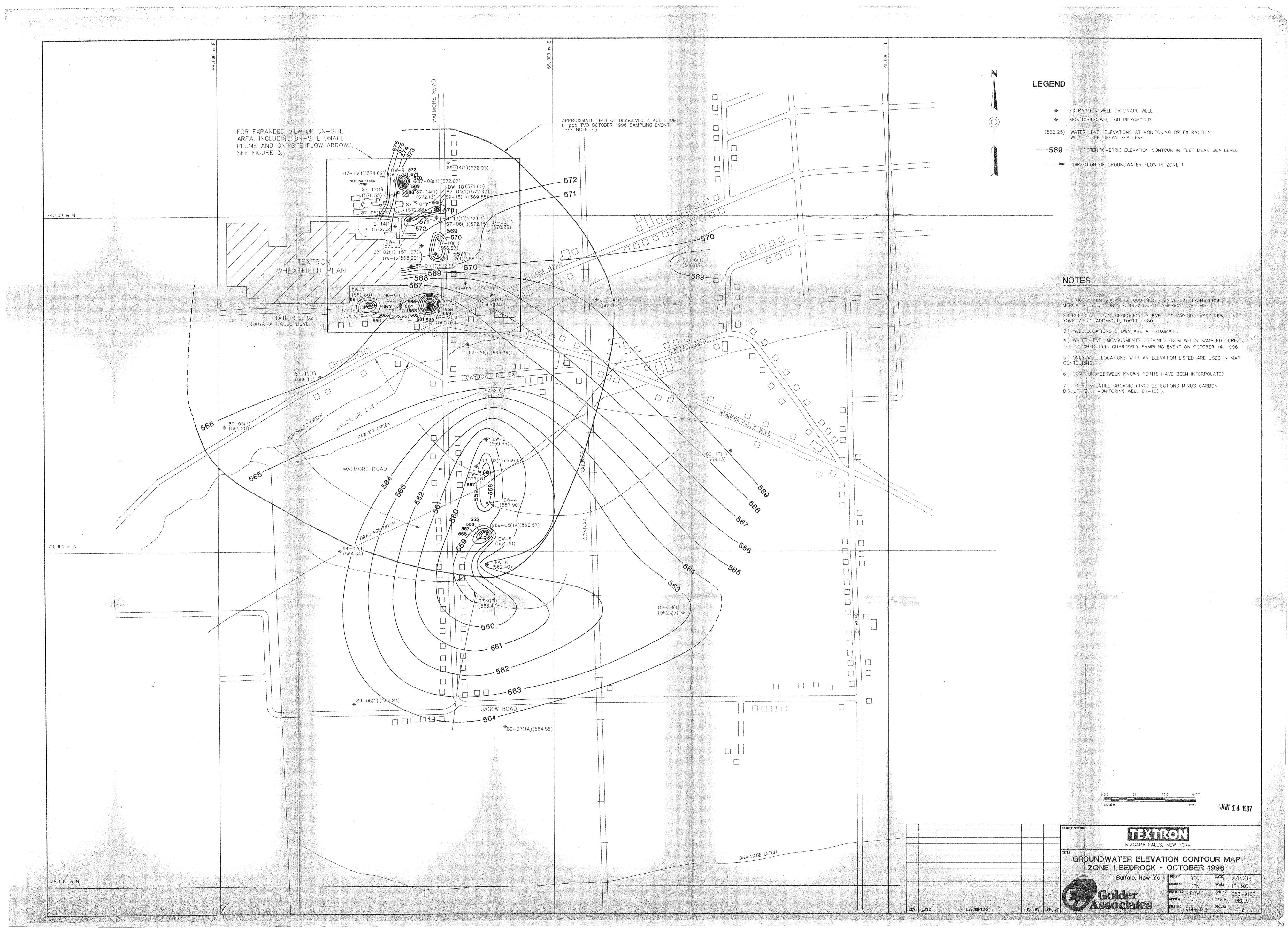
BTOR = Below top of riser.

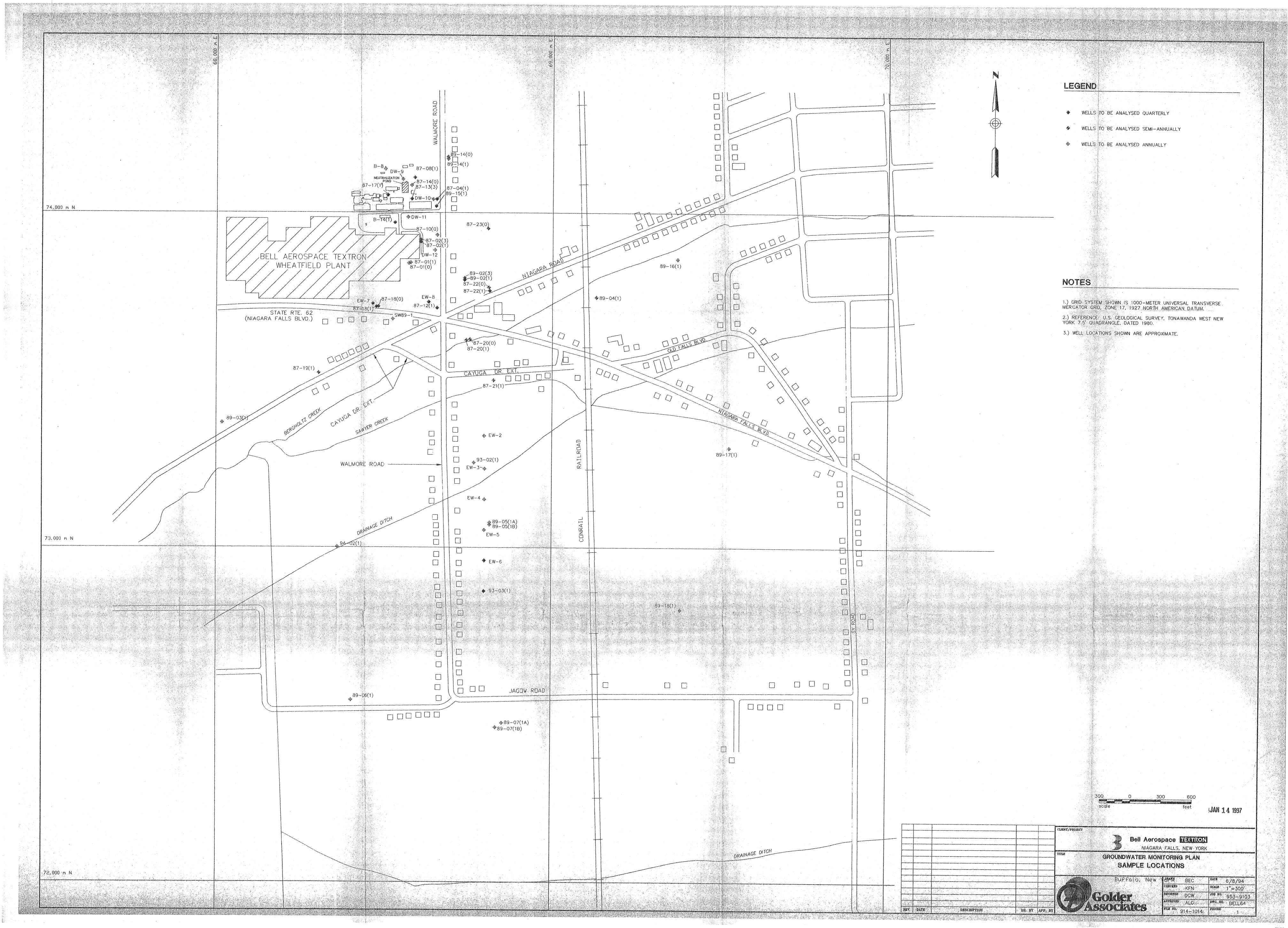
MSL = Mean sea level.

NOTE: Positive vertical gradients are upwards from Zone 3 to Zone 1

N/A = Not Applicable, measured from datalogger

The Following Image(s) are the Best Copy Available





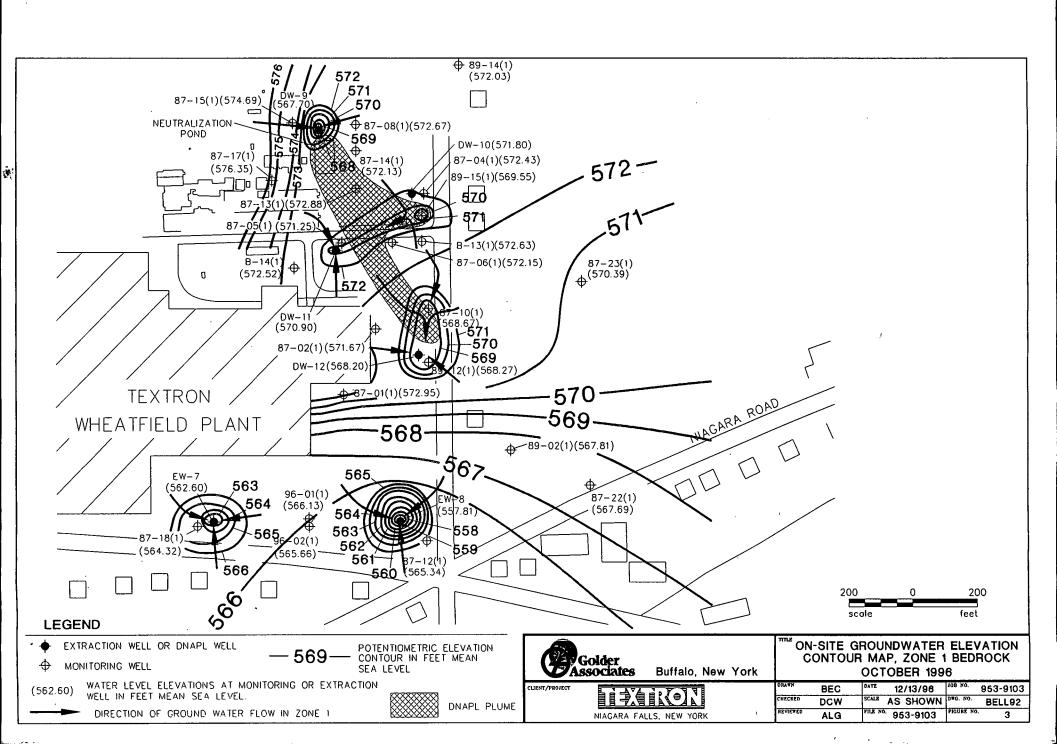
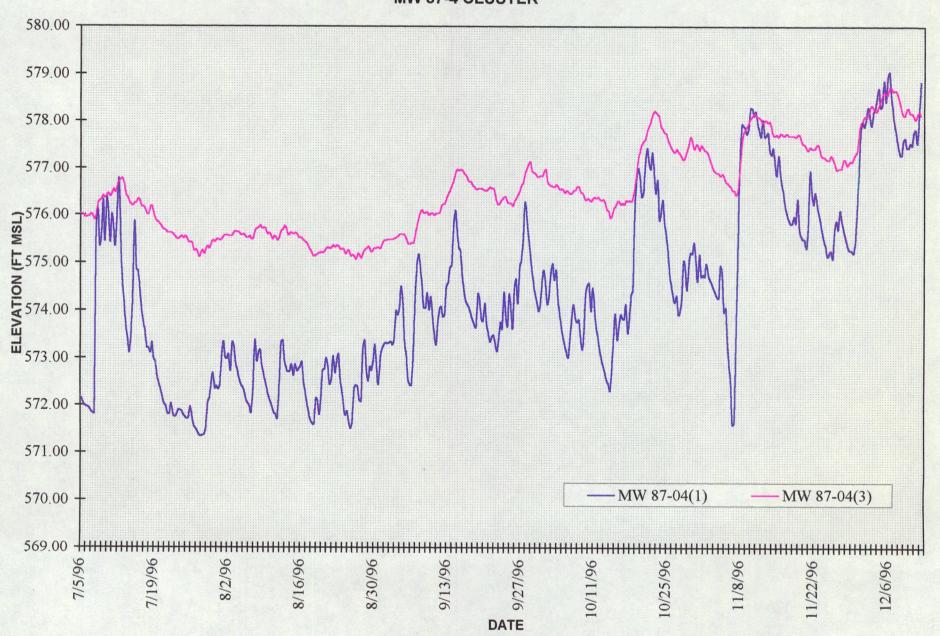


FIGURE 4
GROUNDWATER ELEVATION VERSUS TIME
MW 87-4 CLUSTER



APPENDIX A



GAI PROJECT NAME TOS 195 97 GLIP NY	GAI PROJECT NO. 953-9/C3
SAMPLEID. BAT 87010 961017	SOURCE CODES: RIVER OR STREAM WELL SOIL, OTHER (CIRCLE ONE)
PURGING	NFORMATION (IF APPLICABLE)
PURGE DATE (yy/mm/dd) CASING VOL (Gal.) PURGING DEVICE (SEE BELOW)	TIME (24 HR CLOCK) GAL PURGED (Gal.) PURGING DEVICE MATERIAL DEDICATED (ØN)
SAMPLE	COLLECTION INFORMATION
SAMPLING DATE (yy/mm/dd) SAMPLING DEVICE (SEE BELOW SAMPLING DEVICE MATERIAL	TIME (24 HR CLOCK) DEDICATED (VIN) SAMPLE TYPE - GRABICOMPOSITE (CIRCLE ONE)
WHE HET PLUP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOPISHO	VEL (E) BAILER (F) OTHER (SPECIFY)
WELL IN	IFORMATION (IF APPLICABLE)
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)	LAND ELEVATION (FT_MSL) WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCHES) Z.03
FIELD MEA	SURMENTS (FOUR REPLICATES) Final Pural Faiting Sample Final Sample
ph (STD) SPEC. COND. (UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY)	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
	DMMENTS/CALCULATIONS
WEATHER CONDITIONS	SUN WIFI DE SMEIT
Riser cap present N Riser pipe serviceable Y N Protective casing serviceable N Surface grout seal functional N Sampling device functional?	PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.
SAMPLER SIGNATURE	DATE /2/10/96



N INFORMATION FORM

ASSOCI	Alco S	AMPLE COLLE	ECTION INFORM	AHON FOR	JIVI
IAI PROJECT NAME			gai project no.	953-91	<u>c 3</u>
	BAT 87	011961017	SOURCE CODES: RIVER	OR STREAM WEL	L. SOIL, OTHER (CIRCLE ONE)
AMPLE ID.		PURGING	INFORMATION (IF APPL	ICABLE)	
		21.02.17	TIME (24 HR CLOCK)	1245	ELAPSED HRS.
URGE DATE (yy/mm/	(dd) =	2.32	GAL PURGED (Gal.)	Te. 9 Te	DEDICATED (N)
CASING VOL(Gal.) PURGING DEVICE (SE	-	<u> </u>	PURGING DEVICE MATE	FIAL <u>52</u>	DEDICKTED (14)
OHGING DEVICE (S		SAMPLE	COLLECTION INFORM	IATION	
		77	TIME (24 HR CLOCK)	1255	MATRIX HZO
SAMPLING DATE (YY		9610317			FILTERED (YM)
SAMPLING DEVICE (SEE BELOW	35	SAMPLE TYPE - GRAB	COMPOSITE (CIRC	CLE ONE)
SAMPLING DEVICE N	MATERIAL	STALTIC PUMP (D) SCOOPISHO	OVEL (E) BALLER (F) OTHER (SPECIFY)	
(A) AIR-LIFT PUMP (B) BLACK	OER PUMP (C) PER	WELL I	NFORMATION (IF APPLI	CABLE)	
		445571			
		TOR .	LAND ELEVATION (FT.	MSL)	<u> </u>
REFERENCE POINT	MCI V		WELL DEPTH (FT.)		
REF. PT. ELEV.(FT. I DEPTH TO WATER (MSC) REF. PT.)	18.62	STICKUP (FT.) WELL DIAMETER (INC)	HES)	03
GW. ELEV.(FT. MSL	.)		AACTE DILITICAL		
GVV. CZZ VĄ		FIELD ME	ASURMENTS (FOUR RE	PLICATES)	
			Final purgl	MEM TONE	ne Final sample
		Tribial Durage	7.6	<u></u>	
pH (STD)		900	1900	TOOD_	7000
SPEC. COND	(UMHOS/CM))6	16	15
		<u> 16°</u>			
TEMPERATU					
OTHER (SPE	CIFY)			ONE	,
		<u> </u>	OMMENTS/CALCULATION	JN3	
	TONS	30° 500			
WEATHER CONDIT		CLEAR	SUIFIRE SMLY		
SAMPLE APPEARA	NCE				
Lock present? N					
mines are aresently	N				
Riser pipe serviceable	iceable 79 N				
The second coal IUI	ICUOITAL IN INTE				
				·	
Corrective action requ	lired? YM		PRESERVATIVES AND ANALYTICAL	METHODS ON LABORATO	RY CUSTODY FORMS.
PI FASE INCLUDE SAMP	LE BOTTLE SIZE, 8	OTTLE COLOR, BOTTLE MATERIA	L PRESERVATIVES AND ANALYTICAL		. 1 1 .
resource and a second		1			DATE 10 14 96
	TURE /	Sun T	rosy		v v
SAMPLER SIGNA	10110	. •			•
			V		



	I PROJECT NAME	705 J	75 97 GWY NY	GAI PROJECT NO.	953-91	<u>c_3</u>
	MPLEID.	BAT 8	1021961017	SOURCE CODES: RIVER	OR STREAM WELL	SOIL, OTHER (CIRCLE ONE)
5A 	MPLE 10.		PURGING !	NFORMATION (IF APP	LICABLE)	
			961017	TIME (24 HR CLOCK)	1390	ELAPSED HRS.
۱ ا	JRGE DATE (yy/mm/ ASING VOL (Gal.)	-	7.61	GAL. PURGED (Gal.) PURGING DEVICE MAT		DEDICATED (ON)
P	URGING DEVICE (SE		SAMPLE	COLLECTION INFORM	MATION	
			1.1.2.1.7	TIME (24 HR CLOCK)	1400	MATRIX H20
S	AMPUNG DATE (yy/	mm/dd)	961017	ATEN AMIN		FILTERED (YM)
ls	AMPLING DEVICE (<u>\$</u> \$	SAMPLE TYPE - GRAB		LE ONE)
ls	AMPLING DEVICE N	CE PLIMP (C) PE	RISTALTIC PUMP (D) SCOOP/SHO	VEL (E) BAILER (F) OTHER (SPECIAL)	າ	
V	A) AIR-LIFT PUMP (8) BLAU	JEN POMI (P)	WELL IN	IFORMATION (IF APPL	ICABLE)	
,			TON .	LAND ELEVATION (FT	MSL)	==
\[\int_i	REFERENCE POINT	(01)	<u></u>	WELL DEPTH (FT.)	33.3	27
1	REF. PT. ELEV.(FT. M DEPTH TO WATER (NSL) REF. PT.)		STICKUP (FT.) WELL DIAMETER (INC)	HES)	
	GW. ELEV.(FT. MSL.)				
ι			FIELD MEA	SURMENTS (FOUR RE	EPLICATES)	e Final sample
			Initial purso	First Jungle	Enitial Sample 8.8	8.3
	pH (STD)		34_	<u> </u>	5.0	500
	SPEC. COND.	/LIMHOS/CM	<u>Soo</u>	_500_	15°	100
	l		150	15	_/	
•	TEMPERATU					
	OTHER (SPE	CIFY)		·		
	<u></u>		co	MMENTS/CALCULATION	ONS	
		ONIC	70° SUN			
	WEATHER CONDIT		CLEAR,	Sulfrae Smell		
	SAMPLE APPEARA	NCE	<u> </u>			
	Lock present? (9N					
	Disease on presentity	N N				
	Riser pipe serviceable? Protective casing servi	CEADIC III T IIV				
	Surface grout seal functions Sampling device functions	ctional (\)				
	Sampling device function Corrective action requi	red? Y (N)			USTHOOS ON LABORATOR	Y CUSTODY FORMS.
	CALLES	E BOTTLE SIZE, 80	TTLE COLOR, BOTTLE MATERIAL	, PRESERVATIVES AND ANALYTICAL	MEIRIOU	1
	PLEASE INCLUDE SAMPL	/.	7	\sim ,		DATE 22/10/96
		TUBE //	Jun El	worky		
	SAMPLER SIGNAT	0110		<u> </u>		•



GAI PROJECT NAME TOS	75 97 GLY NY	GAI PROJECT NO.	953-91	<u>03</u>
SAMPLEID. BAT 8	10239601017	SOURCE CODES: RIVE	R OR STREAM WEL	L SOIL, OTHER (CIRCLE ONE)
galvii Ca (S)	PURGING	INFORMATION (IF APP	LICABLE)	
PURGE DATE (yy/mm/dd) CASING VOL.(Gal.) PURGING DEVICE (SEE BELOW)	7.15 2.15	TIME (24 HR CLOCK) GAL PURGED (Gal.) PURGING DEVICE MAT		ELAPSED HRS
	SAMPLE	COLLECTION INFORI	MATION	
SAMPLING DEVICE (SEE BELOW	9610117 SS	TIME (24 HR CLOCK) DEDICATED (YN) SAMPLE TYPE - GRA		MATRIX H20 FILTERED (YM) CLE ONE)
SAMPLING DEVICE MATERIAL (A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PER	IISTALTIC PUMP (D) SCOOPISHO	VEL (E) BAILER (F) OTHER (SPECIF	n	
(A) Air-Ci () Cim ()	WELL IN	IFORMATION (IF APPL	ICABLE)	
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)	TOR	LAND ELEVATION (FT. WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INC	HES)Z	
pH (STD) SPEC. COND.(UMHOS/CM) TEMPERATURE (C)	Tribial pung	ASURMENTS (FOUR RI	ENITION SAMP	7.4 1500 13°
OTHER (SPECIFY)		DMMENTS/CALCULATI	ONS	
WEATHER CONDITIONS SAMPLE APPEARANCE	70° SUN			
Riser cap present? N Riser pipe serviceable? N Protective casing serviceable? N Surface grout seal functional? N Compliant device functional? N				
Corrective action required? YN PLEASE INCLUDE SAMPLE BOTTLE SIZE, BO	TTLE COLOR, BOTTLE MATERIAL	PRESERVATIVES AND ANALYTICAL	METHODS ON LABORATOR	Y CUSTODY FORMS.
[4	Dan Ele	Sey		DATE /2/10/96
SAMPLER SIGNATURE	Com Cox	- V .		•



AND E COLLECTION INFORMATION FORM

ASSOCI	ALCS SA	MPLE COLLE	ECTION INFORM	ATION FORM
IAL PROJECT NAME		97 GWY NY	GAI PROJECT NO.	953-9103
	BAT 870	41961016	SOURCE CODES: RIVER	OR STREAM WELL, SOIL, OTHER (CIRCLE ON
SAMPLE ID.			INFORMATION (IF APPL	LICABLE)
				1420 ELAPSED HRS.
PURGE DATE (yy/mm/	<u>q</u>	<u>610 € 1 b</u> 2.52	TIME (24 HR CLOCK) GAL PURGED (Gal.) PURGING DEVICE MATE	7.58
CASING VOL (Gal.) PURGING DEVICE (SE	E BELOW) —	<u>e</u>	PURGING DEVICE MATE	
PUHGING DEVICE (C.		SAMPLE	COLLECTION INFORM	MATION
			TIME (24 HR CLOCK)	1440 MATRIX H20
DATE (W/	mm/dd) q	610 216	ANAIN	FILTERED (YM)
SAMPLING DATE (YY/ SAMPLING DEVICE (S	SEE BELOW _	<u>e</u> SS.	SAMPLE TYPE - GRAB	COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE N	ATERIAL			
ONIVII CITTO DE ANTA ANT	ER PUMP (C) PERIS	TALTIC PUMP (D) SCOOPISHO	IVEL (E) BALLER (F) OTHER (SPECIFY)	,
(A) AIR-LIFT PUMP (B) SEPER		WELL I	NFORMATION (IF APPLI	CABLE)
		TOR	LAND ELEVATION (FT./	MSL)
REFERENCE POINT	_	10,1	WELL DEPTH (FT.)	
loce or ELEVIET.	ASL) —	- Tu . Le S	STICKUP (FT.)	7 05
DEPTH TO WATER (HEP. PI.) -		WELL DIAMETER (INCH	1ES)
GW. ELEV.(FT. MSL.)	· ·		 -
		CICIO ME	ASURMENTS (FOUR RE	PLICATES)
		_	Final Dural 7	CALLAT DIVIPINA
		P. D. D.	δ.0	_0:0_ -=
pH (STD)			700	700 600
	# IN ALLOS (CM)	600_		16
SPEC. COND	(UMHOS/CM)	16°_	150	_/\$
TEMPERATU	RE (C)			
· ·				
OTHER (SPE	CIFY)		DMMENTS/CALCULATION	ons.
			_	
WEATHER CONDIT	ONS .	75° SU	~	
	-	SI ILL TO	LBID , LT. GLAG	1 Sulfur Snell
SAMPLE APPEARA	NCE	Slight To		
Lock present N				BLANK TAKEN
The same procedit/(V)			मरा ए	BLANK TAKEN
- conficeable	/\ Y/N ^			
CIDO SPIVI	CEAU! V 1 V 1 V 1 V 1 V 1 V 1 V 1 V 1 V 1 V			
Surface grout seal fund	ional?(YLN			
Sampling device funct	ired? Y(N)			COUNTRY CUSTODY FORMS
Collective accounted		- COLOR BOTTLE MATERIA	L PRESERVATIVES AND ANALYTICAL	METHODS ON CABORATORY COSTOST TO
PLEASE INCLUDE SAMPL	E BOTTLE SIZE, BOT	LECOLOR BOTTLE		METHODS ON LABORATORY CUSTODY FORMS.
	-	`_		DATE 12/16/96
	A	Qua E Ca	200	
SAMPLER SIGNAT	URE U		1	•



Golder Associates

ASSOCI	SA	MPLE COLL	ECTION INFORM	ATION FORM .
AI PROJECT NAME		97 GLLY NY	GAI PROJECT NO.	953-9103
	BAT 870	81961016	SOURCE CODES: RIVER	OR STREAM WELL, SOIL, OTHER (CIRCLE ON
AMPLE 10.			INFORMATION (IF APPL	ICABLE)
		- 1 / 2	TIME (24 HR CLOCK)	1335 ELAPSED HRS.
PURGE DATE (yy/mm/	(dd) $\frac{q}{q}$	6/10/1/6 52.52	GAL PURGED (Gal.)	7.58
		<u> </u>	PURGING DEVICE MATE	RIAL SS. DEDICATED (ON)
PURGING DEVICE (SE	E BELOW)	CAMELS	E COLLECTION INFORM.	ATION
		SAMPLI		
		610816	TIME (24 HR CLOCK)	1345 MATRIX #20
SAMPLING DATE (yy/			AVAIN	FILTERED (YM)
SAMPLING DEVICE (SEE BELOW	55	SAMPLETYPE - GRABI	COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE N	MATERIAL	ALTIC PUMP (D) SCOOP/SHO	OVEL (E) BALER (F) OTHER (SPECIFY)	-
(A) AIR-LIFT PUMP (B) BLADI	DER PUMP (C) PERISI	WELL I	NFORMATION (IF APPLIC	CABLE)
			LAND ELEVATION (FT./N	MSI)
THE POINT		TOR .	WELL DEPTH (FT.)	32.33
REFERENCE POINT REF. PT. ELEV.(FT.	MSL) —		STICKUP (FT.)	
DEPTH TO WATER (REF. PT.) —	- Le. 8 L	WELL DIAMETER (INCH	ES)Z.03
GW. ELEV.(FT. MSL.	.) —			
GW. LLEVIO			ASURMENTS (FOUR REI	PLICATES)
		_	Final Jural I	mitial Sample Final Sample
		7.8	7.5	
pH (STD)				1100 1100
	"INHOS/CM)	1000	1100	<i></i>
SPEC. COND	.(UMHOS/CM)	12	14°_	<u>_14</u>
TEMPERATU	RE(C)			
	1			
OTHER (SPE		C	OMMENTS/CALCULATIO	ons
WEATHER CONDIT	TONS _	75° S)N	a small & Clear
	_	estratula.	THURING SULF	wa smell, & Clear
SAMPLE APPEARA	INCE	and many	***	
Lock present VN				
The man present de	N _o			MKEN FBZ
	// / / / / / / / / / / / / / / / / / /		FICIP BLANK T	PINCL
Protective casing services Surface grout seal fun				
Corrective action requ	ired? Y(N)	-		METHODS ON LABORATORY CUSTODY FORMS.
	COTE BOTT	LE COLOR, BOTTLE MATERIA	L, PRESERVATIVES AND ANALYTICAL I	4
PLEASE INCLUDE SAMPL	E BOTTLE SIZE, BOTT			17/10/96
_	ム	c/	- Day	DATE /Z/ 10/ (B
SAMPLER SIGNAT	TURE 1	man the	100-4	
SAMPLEH SIGNA		. –	``	•



•				ATION FORM
	705 19	5 97 GWY NY	GAI PROJECT NO.	953-9103
AI PROJECT NAME	BAT 87	d1014P00	SOURCE CODES: RIVER	OR STREAM WELL, SOIL, OTHER (CIRCLE ON
SAMPLE ID.			INFORMATION (IF APPL	ICABLE)
				1525 ELAPSED HRS.
PURGE DATE (yy/mm/c		<u>610€,16</u> .52	TIME (24 HR CLOCK) GAL PURGED (Gal.) PURGING DEVICE MATE	1.57
PURGING DEVICE (SE		SAMPLE	COLLECTION INFORM	ATION
SAMPLING DATE (yy/r		610\$16	TIME (24 HR CLOCK) DEDICATED (VN)	1535 MATRIX HzO
SAMPLING DEVICE (S	SEE BELOW -	<u>\$\$.</u>		COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE IN	ER PUMP (C) PER	STALTIC PUMP (D) SCOOPISHO	IVEL (E) BAILER (F) OTHER (SPECIFY)	
(A) AIR-LIFT PUMP (B) BLADE		WELL II	NFORMATION (IF APPLIC	CABLE)
REFERENCE POINT REF. PT. ELEV.(FT. N DEPTH TO WATER (F	REF. P(.)	TON 	LAND ELEVATION (FT./N WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCH	
GW. ELEV.(FT. MSL.)		FIFI D ME	ASURMENTS (FOUR RE	PLICATES) - aikal Sample Final Sample
		Tribial punal	Final Jungl I	initial sample Final straple
pH (STD)		7.9		500 500
l'	(имноѕ/см)	<u> 900 </u>	_500_	22° ZZ°
1		_ <u>ZZ°</u> _	_ <u>Zz°</u>	
TEMPERATUR			_=	
OTHER (SPEC	CIFY)		OMMENTS/CALCULATIO	ons .
		-PO 2	<u> </u>	
WEATHER CONDITI	IONS			
WEATHER CONDITI			C. 1. C. 1. C	nel
WEATHER CONDITION			C. 1. C. 1. C	nel
SAMPLE APPEARA	NCE		C. 1. C. 1. C	ne1
SAMPLE APPEARAL Lock present N Riser cap present N	NCE		C. 1. C. 1. C	nel
SAMPLE APPEARAL Lock present N Riser cap present N Riser pipe serviceable?	NCE (YN Ceable 7Y) N		C. 1. C. 1. C	nel
Cock present N Riser cap present N Riser pipe serviceable? Protective casing service Surface grout seal function	NCE (VN ceable 7(Y) N ctional ? (V) N	Chac, Brow)	v SVIFVR,S	
Cock present N Riser cap present N Riser pipe serviceable? Protective casing service Surface grout seal function	NCE (VN ceable 7(Y) N ctional ? (V) N	Chac, Brow)	v SVIFVR,S	
Cock present N Riser cap present N Riser pipe serviceable? Protective casing service Surface grout seal function	NCE (VN ceable 7(Y) N ctional ? (V) N	Chac, Brow)	v SVIFVR,S	
Cock present N Riser cap present N Riser pipe serviceable? Protective casing service Surface grout seal function	NCE (VN ceable 7(Y) N ctional ? (V) N	Chac, Brow)	v SVIFVR,S	METHOUS ON LABORATORY CUSTODY FORMS. DATE /2 [10/96]



INFORMATION FORM

ASSOC	SA	AMPLE COLLE	CTION INFORM	MATION FORM
AI PROJECT NAMI		5 97 GWY NY	GAI PROJECT NO.	953-9103
	BAT 87	121961016	SOURCE CODES: RIVE	R OR STREAM WELL, SOIL, OTHER (CIRCLE ON
SAMPLE ID.		PURGING !	NFORMATION (IF APP	PLICABLE)
				1025 ELAPSED HRS.
	m/dd) 9	6/03/12	TIME (24 HR CLOCK) GAL. PURGED (Gal.)	7.08
PURGE DATE (yy/m CASING VOL(Gal.)		<u>2.36</u>	PURGING DEVICE MAT	TERIAL DEDICATED (N)
PURGING DEVICE ((SEE BELOW) _			
		SAMPLE	COLLECTION INFORI	MATION
				1100 MATRIX H20
SAMPLING DATE (610 117	TIME (24 HR CLOCK) DEDICATED (VN)	FILTERED (YKN)
SAMPLING DEVICE	E (SEE BELOW -	<u> </u>	SAMPLE TYPE - GRA	RICOMPOSITE (CIRCLE ONE)
SAMPLING DEVICE	E MATERIAL	THE PLUE OF SCOOPISHO	VEL (E) BAILER (F) OTHER (SPECIF	m
(A) AIR-LIFT PUMP (B) BL	ACCER PUMP (C) PERI	STALIC PUMP (U) SSESSION		ICABLE)
		WELL IN	IFORMATION (IF APPL	
		-724	LAND ELEVATION (FT.	/MSL)
REFERENCE POIN	л -	TOR	WELL DEPTH (FT.)	32.99
OCT OT ELEV.(F)	r. MSL) -	5:50	STICKUP (FT.)	
DEPTH TO WATER	7 (HEF. FI) -		WELL DIAMETER (INC	(HES)
GW. ELEV.(FT. MS	5L.) -			EDITION TEST
			ASURMENTS (FOUR A	Enited Sample Final Sample
		Tribial Burne	8.0	0.07.9
pH (STD)		_0.0_	1000	1000 <u>900</u>
I'	O.(UMHOS/CM)	<u> 500 _</u>		16 _ 17
i	í	170_	<u>16°</u>	
TEMPERAT	TURE (C)			
OTHER (SE	PECIFY)			
		C	DMMENTS/CALCULATI	IONS
		62°	SUN	
WEATHER CONC	SNOITIONS	6.0		
SAMPLE APPEA		CLEAR,	Sulfue Smell	
Lock present? VN	0			
Riser cap present?				
The market SE	PLACESONE WAY IA			
Surface grout seal I	nctional? 9 N			
Sampling device lui	quired? Y (0)			LUCTIONS ON LABORATORY CUSTODY FORMS.
00.1.00.1.0		TLE COLOR BOTTLE MATERIAL	PRESERVATIVES AND ANALYTICAL	L METHODS ON LABORATORY CUSTODY FORMS.
PLEASE INCLUDE SA	MPLE BOTTLE SIZE, 30.			DATE)2/00/96
	12	5	sly	UAIE) [
SAMPLER SIGN	IATURE	um C	7	
			\	•



PASSOCIATES SAMPLE COLL	ECTION INFORM.	ATION FORM
GAI PROJECT NAME TOS 95.97 GLY NY	GAI PROJECT NO.	953-9103
BAT87133961018	SOURCE CODES: RIVER	OR STREAM WELL, SOIL, OTHER (CIRCLE ON
PURGING	INFORMATION (IF APPL	ICABLE)
PURGE DATE (yy/mm/dd) CASING VOL (Gal.) PURGING DEVICE (SEE BELOW)	TIME (24 HR CLOCK) GAL PURGED (Gal.) PURGING DEVICE MATE	ELAPSED HRS
SAMPI	LE COLLECTION INFORM	ATION
SAMPLING DATE (yy/mm/dd) SAMPLING DEVICE (SEE BELOW SAMPLING DEVICE MATERIAL SS	TIME (24 HR CLOCK) DEDICATED (YN) SAMPLE TYPE - GRAB	MATRIX HZO FILTERED (YM) COMPOSITE (CIRCLE ONE)
CO PERISTALTIC PUMP (U) SCOOT S	HOVEL (E) BAILER (F) OTHER (SPECIFY)	
WELL.	INFORMATION (IF APPLIC	CABLE)
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)	LAND ELEVATION (FT./) WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCH	31.03
FIELD M	EASURMENTS (FOUR RE	PLICATES) Enitial Sample Final Sample
Toutial punch	Final Jurge I	7.7 1.4_
pH (STD) - 1500	1500	1500 1600
SPEC. COND.(UMHOS/CM)	14)4 _150_
TEMPERATURE (C)		
OTHER (SPECIFY)		
OTHER (SI COM)	COMMENTS/CALCULATIO	DNS .
C3°	Sun	
WEATHER CONDITIONS	ST. SUBFUR SMU))	
SAMPLE APPEARANCE	>1. 30=0:- 3. 1	
Lock present? YN		
Siers and present (M.N.		
in conficeable?		
- CONTRACTOR SPINICES		
Protective casing serviceable? N Surface grout seal functional ? N		
Surface grout seal functional TV N		
Surface grout seal functional CV N	THE PRESERVATIVES AND ANALYTICAL I	METHOUS ON LABORATORY CUSTODY FORMS.
	RIAL, PRESERVATIVES AND ANALYTICAL I	METHOOS ON LABORATORY CUSTODY FORMS. DATE 12/10/96



VEORMATION FORM

Associates	SAMPLE COLL	ECTION INFORM	ATION FORM
	, 95 97 GLLY NY	GAI PROJECT NO.	953-9103
N PROJECT NAME TOS	7140961018	SOURCE CODES: RIVER	OR STREAM WELL, SOIL, OTHER (CIRCLE ON
AMPLE ID.		INFORMATION (IF APPLI	ICABLE)
PURGE DATE (yy/mm/dd) CASING VOL (Gal.)	9610118 -91-	TIME (24 HR CLOCK) GAL PURGED (Gal.) PURGING DEVICE MATE	ELAPSED HRS PLACE SS DEDICATED (ON)
PURGING DEVICE (SEE BELOW)	SAMPL	E COLLECTION INFORM.	ATION
SAMPLING DATE (yy/mm/dd) SAMPLING DEVICE (SEE BELOV	<u> </u>	TIME (24 HR CLOCK) DEDICATED (YN) SAMPLE TYPE - GRABI	MATRIX HZO FILTERED (YM) COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MATERIAL (A) AIR-LIFT PUMP (B) BLADDER PUMP (C) I	PERISTALTIC PUMP (0) SCOOPISH	OVEL (E) BAILER (F) OTHER (SPECIFY)	
(A) AR-LIFT PUMP (B) BLAUDER FORM (C)	WELL !	NFORMATION (IF APPLIC	CABLE)
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)		LAND ELEVATION (FT./N WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCH	ES)
pH (STD) SPEC. COND.(UMHOS/C TEMPERATURE (C) OTHER (SPECIFY)	Tailist Burst 8.6 1000 14	-8:0 -900 -13 -=	-8.0 -8.2 -9.00 -900 - -1-3 -14
		OMMENTS/CALCULATIO	SNG
WEATHER CONDITIONS	GROY.	Suitue Smell	
SAMPLE APPEARANCE	7		
201			
Riser cap present N Riser cap present N N N N N N N N N N N N N			
Riser cap present N Riser pipe serviceable? N Protective casing serviceable? N Surface grout seal functional? N			COCHE
Riser cap present N Riser pipe serviceable? N Protective casing serviceable? N Surface grout seal functional?		AL, PRESERVATIVES AND ANALYTICAL I	METHOOS ON LABORATORY CUSTODY FORMS.
Riser cap present N Riser pipe serviceable? N Protective casing serviceable? N Surface grout seal functional?		AL, PRESERVATIVES AND ANALYTICAL I	METHOOS ON LABORATORY CUSTODY FORMS. DATE 12/11/96



Golde Associ	er ates			TOTION INFO	DMATION FO)RM
U ASSOCI	S	AMPLE	COLL	ECTION INFOR		
GAI PROJECT NAME	105	75 97 GWY	NY	GAI PROJECT NO.	<u>953</u> -9	<u> </u>
SAMPLEID.	BAT 87	171 9610	16	SOURCE CODES: RI	VER OR STREAM (W	ELL SOIL OTHER (CIRCLE ONE)
		F	PURGING	INFORMATION (IF A	PPLICABLE)	
PURGE DATE (yy/mm/ CASING VOL (Gal.) PURGING DEVICE (SE	-	9 6 10 \$ 3 = e	طان	TIME (24 HR CLOCK GAL PURGED (Gal. PURGING DEVICE N	<u> </u>	ELAPSED HRS
			SAMPL	E COLLECTION INFO	NOITAMR	
SAMPLING DATE (yy/	SEE BELOW	<u>و ار او و</u> چے چی			FABICOMPOSITE (CI	FILTERED (YEV)
SAMPLING DEVICE N	ER PUMP (C) PER	RISTALTIC PUMP	(D) SCOOPISH	OVEL (E) BAILER (F) OTHER (SPE	ECEFY)	
(4) 211-21			WELL I	NFORMATION (IF AF	PLICABLE)	
REFERENCE POINT REF. PT. ELEV.(FT. M DEPTH TO WATER (F GW. ELEV.(FT. MSL.)	REF. PT.)	TON		LAND ELEVATION (WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (I	31 	7 4
pH (STD) SPEC. COND. TEMPERATUR OTHER (SPEC	RE (C)	Justial P.	7_	ASURMENTS (FOUR Final Jungl 7: 1/00 / 40 ————	REPLICATES) Faital San 1100 140	pre Final sample 7 4 100 15°
Ome (c)			C	OMMENTS/CALCUL	ATIONS	
WEATHER CONDITI	ONS	25		UN		
SAMPLE APPEARA		Clea	a, s	Ulfur SMEll		
Riser cap present? Riser pipe serviceable? Protective casing service Surface grout seal functions	(% N eable % N tional % N		· · · · · · · · · · · · · · · · · · ·	L, PRESERVATIVES AND ANALYT	ICAL METHOOS ON LABORAT	ORY CUSTODY FORMS.
PLEASE INCLUDE SAMPLE SAMPLER SIGNAT)	E	Stry		DATE /7 /10/96



AATION FORM

SAMPLE COLL	ECTION INFORM	ATION FORM
	GAI PROJECT NO.	953-9103
AMPLEID. BAT 87180 96/0/7	SOURCE CODES: RIVER	OR STREAM WELL, SOIL, OTHER (CIRCLE ONE
PURGING	INFORMATION (IF APPL	ICABLE)
	TIME (24 HR CLOCK)	ELAPSED HRS.
PURGE DATE (yy/mm/dd) CASING VOL (Gal.) PURGING DEVICE (SEE BELOW)	GAL PURGED (Gal.) PURGING DEVICE MATE	DEDICATED (ON)
SAMPL	LE COLLECTION INFORM	ATION
		MATRIX HzO
SAMPLING DATE (yy/mm/dd) 96/0至117	TIME (24 HR CLOCK) DEDICATED-(YN)	FILTERED (YM)
SAMPLING DEVICE (SEE BELOW	SAMPLE TYPE - GRABI	COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MATERIAL		
WE WIT BUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOPISE	TOYAL (a) a same (v)	
WELL	INFORMATION (IF APPLIC	CABLE)
TON .	LAND ELEVATION (FT./	MSL)
REFERENCE POINT	WELL DEPTH (FT.)	
REF. PT. ELEV.(FT. MSL)	STICKUP (FT.)	Z 03
DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)	WELL DIAMETER (INCH	
GW. ELEV.(11. IIIOLI)	EASURMENTS (FOUR REI	PLICATES)
	Final Jural I	nitial Sample Final Sample
Initial pural.	7	
рH (STD) ————		
SPEC. COND.(UMHOS/CM) — — —		
1		
TEMPERATURE (C)		
OTHER (SPECIFY)		
	COMMENTS/CALCULATIO	NS .
WEATHER CONDITIONS		
SAMPLE APPEARANCE	711	
Lock present (N	/10°1	
Siere on present/VIN		
Riser pipe serviceable (YN		
Surface grout seal functional		·
Sampling device functional 11		
Corrective action required? (N)	AL PRESERVATIVES AND ANALYTICAL M	IETHOOS ON LABORATORY CUSTODY FORMS.
Corrective action required? (N) PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIA	AL, PRESCRIVING	
		DATE 12/10/96
SUIDI ED SIGNATURE Dua E	a sty	
SAMPLER SIGNATURE	× /	



MATION FORM

Associates s	AMPLE COLLE	ECTION INFORM	ATION FORM
•	5 97 GLY NY	GAI PROJECT NO.	953-9103
AI PROJECT NAME	181961017	SOURCE CODES: RIVER	OR STREAM WELL, SOIL, OTHER (CIRCLE ON
AMPLE IU.	PURGING	INFORMATION (IF APPL	LICABLE)
OURGE DATE (Symmods)	135 1910117	TIME (24 HR CLOCK) GAL PURGED (Gal.) PURGING DEVICE MATE	1310 ELAPSED HRS
PURGING DEVICE (SEE BELOW)		COLLECTION INFORM	MATION
SAMPLING DEVICE (SEE BELOW _	6/07/17 8 35	TIME (24 HR CLOCK) DEDICATED (VN) SAMPLE TYPE - GRAB	1330 MATRIX HzO FILTERED (YM) VCOMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MATERIAL (A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PER	STALTIC PUMP (D) SCOOP/SHO	IVEL (E) BAILER (F) OTHER (SPECIFY)
(A) AIR-LIFT PUMP (B) BLAUGER FORM (S)	WELL I	NFORMATION (IF APPLI	CABLE)
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)	TON 	LAND ELEVATION (FT./ WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INC)	32.35 2.03
pH (STD) SPEC. COND.(UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY)	7.9 		7.6 7.5 1000 1000 16 15
	C	OMMENTS/CALCULATION	ONS
WEATHER CONDITIONS	70°	Sulfur smell	
SAMPLE APPEARANCE	Clear,		
Riser cap present N Riser pipe serviceable? N Protective casing serviceable? N Surface grout seal functional? N Sampling device functional? N Corrective action required? Y	TILE COLOR, BOTTLE MATERIAL	_ PRESERVATIVES AND ANALYTICAL	METHOOS ON LABORATORY CUSTODY FORMS.
(2)	2 50		DATE 12/10/96
SAMPLER SIGNATURE	2 miles	The state of the s	•



INFORMATION FORM

PASSOCIATES SA	MPLE COLL	ECTION INFORM	ATION FORM
GAI PROJECT NAME TOS 95		GAI PROJECT NO.	953-9103
BATAST	191961015	SOURCE CODES: RIVER	OR STREAM WELL, SOIL, OTHER (CIRCLE ONE)
SAMPLE ID.		INFORMATION (IF APPL	ICABLE)
PURGE DATE (yy/mm/dd) CASING VOL (Gal.) PURGING DEVICE (SEE BELOW)	6,00,15 2.9 e	TIME (24 HR CLOCK) GAL. PURGED (Gal.) PURGING DEVICE MATE	FILAL S.S. DEDICATED (N)
PURGING DEVICE (CCC)	SAMPL	E COLLECTION INFORM	IATION
SAMPLING DEVICE (SEE BELOW _	5.5.	TIME (24 HR CLOCK) DEDICATED (YVN) SAMPLE TYPE - GRAB	FILTERED (YM) /COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MATERIAL (A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERI	STALTIC PUMP (D) SCOOP/SH	HOVEL (E) BAILER (F) OTHER (SPECIFY)	
(A) AR-LIFT PUMP (b) 32-43-1	WELL	INFORMATION (IF APPLI	CABLE)
REFERENCE POINT REF. PT. ELEV.(FT. MSL) OEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)	TON -15 37	LAND ELEVATION (FT.) WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INC)	
	-8:2- 900 -12.	- 8.2 ° - 900 - 12° 	- 12° - 11°
	. 6	COMMENTS/CALCULATION	ONS
WEATHER CONDITIONS	S5°	SUIPUR SMEL	
SAMPLE APPEARANCE			
Riser cap present? N Riser pipe serviceable? N Protective casing serviceable N Surface grout seal (unctional 7 N)			
			WETHORS ON LABORATORY CUSTODY FORMS.
Conecuve access 200	TE COLOR BOTTLE MATER	IAL, PRESERVATIVES AND ANALYTICAL	METHODS ON LABORATORY CUSTODY FORMS.
PLEASE INCLUDE SAMPLE BOTTLE SIZE, BU	Titeooto		DATE 17/10/96



Golde Associa	er ates	SAMPLE	COLL	ECTION INFO	RMATION FO)RM
		•	NY	gai project no.	953-9	
GAI PROJECT NAME	BAT 87	200961	1017	SOURCE CODES: R	IVER OR STREAM (W	ELL SOIL OTHER (CIRCLE ON
SAMPLE ID.		F	PURGING	INFORMATION (IF A	APPLICABLE)	_
PURGE DATE (yy/mm/c CASING VOL (Gal.) PURGING DEVICE (SE	_	96/103		TIME (24 HR CLOCA GAL PURGED (GAIL PURGING DEVICE))	ELAPSED HRS
			SAMPLE	E COLLECTION INFO	NOITAMRC	
SAMPLING DATE (yy/r SAMPLING DEVICE (S SAMPLING DEVICE M	SEE BELOW	9 6/10 9 8 5	s		RABICOMPOSITE (CI	MATRIX <u>HzO</u> FILTERED (YM) RCLE ONE)
(A) AIR-LIFT PUMP (B) BLACO	ER PUMP (C) PE	RISTALTIC PUMP	(D) SCOOPISHO	OVEL (E) BAILER (F) OTHER (SP	ECEN COLICABLE)	
			WELL I	NFORMATION (IF AF		
REFERENCE POINT REF. PT. ELEV.(FT. M DEPTH TO WATER (F GW. ELEV.(FT. MSL.)	REF. PT.)	TON		LAND ELEVATION WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (.97 .55
GW. 220 K			FIELD ME	ASURMENTS (FOUR	REPLICATES)	ple Final sample
pH (STD) SPEC. COND.(TEMPERATUR OTHER (SPEC	RE (C)	2 history 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		7.8 	7.8 1000 14°	7.7 1000 16°
				OMMENTS/CALCUL	ATIONS	
WEATHER CONDITION			sin	SULFVA Smej	1	
SAMPLE APPEARAN	NCE		120	, 301 (7/(
Lock present? YN						
Riser cap present? NN Riser pipe serviceable? Protective casing service	Equie (VI)					
Surface grout seal function	nai? N					COURS CASHIS
PLEASE INCLUDE SAMPLE	BOTTLE SIZE, BO	TTLE COLOR, BO	TILE MATERIAL	PRESERVATIVES AND ANALYI	ICAL METHOOS ON LABORAT	ORY CUSTODY FORMS
SAMPLER SIGNATU	JRE G	Zum	46	Sky		DATE /2/)6/96



Associates	SAMPLE COLL	ECTION INFORM	ATION FORM
	, 95 . 97 GWJ NY	GAI PROJECT NO.	953-9103
AI PROJECT NAME	7201 961017	SOURCE CODES: RIVER	OR STREAM WELL, SOIL, OTHER (CIRCLE ON
AMPLE ID.	PURGING	INFORMATION (IF APPL	ICABLE)
URGE DATE (yy/mm/dd) (ASING VOL (Gal.) (URGING DEVICE (SEE BELOW)	<u>282</u> <u>282</u> <u>e</u>	TIME (24 HR CLOCK) GAL. PURGED (Gal.) PURGING DEVICE MATE	1) さい ELAPSED HRS
	SAMPL	E COLLECTION INFORM	ATION
SAMPLING DATE (yy/mm/dd) SAMPLING DEVICE (SEE BELOW SAMPLING DEVICE MATERIAL	9610 E117 E		1140 MATRIX #20 FILTERED (YM) COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MATERIAL (A) AIR-LIFT PUMP (B) BLADDER PUMP (C) P	ERISTALTIC PUMP (D) SCOOPISH	HOVEL (E) BAILER (F) OTHER (SPECIFY)	
· · · · · · · · · · · · · · · · · · ·	WELL	INFORMATION (IF APPLIC	CABLE)
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT:) GW. ELEV.(FT. MSL.)	13.65	WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCH	ES)
	FIELD ME	EASURMENTS (FOUR RE	PLICATES)
	FIELD ME	FINAL Jurge 1	PLICATES) Enitial Sample Final Sample 7.9
pH (STD) SPEC. COND.(UMHOS/CN	1) _1100_	FINIL Jury 1	7.7 _ 7.7
SPEC. COND.(UMHOS/C) TEMPERATURE (C)	Toilist pung	Finil June 1	7.9 7.7 1000 1000
SPEC. COND.(UMHOS/CN	1)	-7:9 -1000 -15-	7.9 7.7 1000 1000 150 140
SPEC. COND.(UMHOS/CN TEMPERATURE (C) OTHER (SPECIFY)	1 1100	Finil June 1	7.9 7.7 1000 1000 150 140
SPEC. COND.(UMHOS/CN TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS	1 1100	TIP - 1000 - 1500	7.9 7.7 1000 1000 150 140
SPEC. COND.(UMHOS/CN TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS SAMPLE APPEARANCE	1)	COMMENTS/CALCULATION	7.9 7.7 1000 1000 150 140
SPEC. COND.(UMHOS/CN TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS SAMPLE APPEARANCE Lock present? N	1 1100	COMMENTS/CALCULATION	7.9 7.7 1000 1000 150 140
SPEC. COND.(UMHOS/CN TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS SAMPLE APPEARANCE Lock present? N Riser cap present? N Riser pipe serviceable? N Riser pipe serviceable? N	1 1100	COMMENTS/CALCULATION	7.9 7.7 1000 1000 150 140
SPEC. COND.(UMHOS/CN TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS SAMPLE APPEARANCE Lock present? N Riser cap present? N Protective casing serviceable? N Protective casing serviceable? N	1 1100	COMMENTS/CALCULATION	7.9 7.7 1000 1000 150 140
SPEC. COND. (UMHOS/CN TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS SAMPLE APPEARANCE Lock present? N Riser cap present? N Riser pipe serviceable? N Protective casing serviceable? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N	Toutial pung 177 1100 14° CZ° Si Clean, Si	COMMENTS/CALCULATION OF SMR.)	7.9 7.7 1000 1000 150 140
SPEC. COND. (UMHOS/CN TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS SAMPLE APPEARANCE Lock present? N Riser cap present? N Riser pipe serviceable? N Protective casing serviceable? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N Surface grout seal functional? N	Toutial pung 177 1100 14° CZ° Si Clean, Si	COMMENTS/CALCULATION OF SMR.)	7.9 7.7 1000 1000 150 140



Golder Associa	tes		LLECTION I	NFORM	IATION FOF	RM
GAI PROJECT NAME T		B 97 GLY NY	_ GAI PROJE	CT NO.	953-91	<u>03</u>
SAMPLE ID.	BAT 87	211961015	-			L. SOIL, OTHER (CIRCLE OF
		PURG	ING INFORMATIO	N (IF APPI	LICABLE)	
PURGE DATE (yy/mm/dd) CASING VOL.(Gal.) PURGING DEVICE (SEE I	_	3,46 e	GAL PURG	R CLOCK) ED (Gal.) DEVICE MATI	1530 10.38 55.	ELAPSED HRS. DEDICATED (IN)
		SAN	MPLE COLLECTIC	N INFORM	ATION	
SAMPLING DATE (yy/mm SAMPLING DEVICE (SEE	E BELOW _	9 6 9 0 1 1 1 2 5.5.	SAMPLET	D-(YVN) (PE - GRAB	1555 COMPOSITE (CIRC	MATRIX HzC FILTERED (YM) CLE ONE)
SAMPLING DEVICE MAT (A) AIR-LIFT PUMP (B) BLADDER	PUMP (C) PER	IISTALTIC PUMP (D) SCOO	PISHOVEL (E) BAILER (F)	OTHER (SPECIFY)	
****		WE	LL INFORMATION	V (IF APPLI	CABLE) 	
REFERENCE POINT REF. PT. ELEV.(FT. MSL DEPTH TO WATER (REF	L) F. PT.)	TON	WELL DEP STICKUP (I		22.	<u>32</u>
GW. ELEV.(FT. MSL.) pH (STD)		Julial pung -8.3 500	MEASURMENTS FINAL 18 8.3	ingle 1	_800_	700
SPEC. COND.(UM	(C)	_15°_			<u>14°</u>	
OTHER (SPECIF			COMMENTS/C	ALCULATIO	ons	
		58°	SUN			
WEATHER CONDITION SAMPLE APPEARANCE		Clepa	Sulfun	Small		
Lock present? N					DUP TA	الوي
Riser cap present (S.N.) Riser pipe serviceable (Protective casing serviceable Surface grout seal function	DICKY 14					
Complian device functional	" (() / () · ()					CORUS
Corrective action required PLEASE INCLUDE SAMPLE BO	OTTLE SIZE, 80	TTLE COLOR, BOTTLE MA	TERIAL, PRESERVATIVES A	NO MULYTICAL	METHODS ON LABORATOR	W CUSTODY FORMS
SAMPLER SIGNATUR	RE J	Zam E	Cist	7		DATE 12/10/92



	TOS 95 97 GLY NY	GAI PROJECT NO.	953-9103
SAMPLE ID.	BAT 87 220961017	SOURCE CODES: RIVER C	OR STREAM WELL, SOIL, OTHER (CIRCLE ONE)
SAMPLE 10.	PURGING	INFORMATION (IF APPLIC	CABLE)
	0.4.107.17	TIME (24 HR CLOCK)	ELAPSED HRS.
PURGE DATE (yy/mm/ CASING VOL (Gal.)		GAL PURGED (Gal.) PURGING DEVICE MATER	DEDICATED (ON)
PURGING DEVICE (SE	E BELOW)		
	SAMPL	E COLLECTION INFORMA	
SAMPLING DATE (yyl	SEE BELOVY		MATRIX HZO FILTERED (YM) OMPOSITE (CIRCLE ONE)
SAMPLING DEVICE N	DER PUMP (C) PERISTALTIC PUMP (D) SCOOP/SHO	OVEL (E) BAILER (F) OTHER (SPECIFY)	
(A) AIR-LIFT PUMP (B) BLACK	WELL II	NFORMATION (IF APPLIC	ABLE)
REFERENCE POINT REF. PT. ELEV.(FT. M DEPTH TO WATER (F GW. ELEV.(FT. MSL.)	REF. PT.)	LAND ELEVATION (FT./M. WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCHE	
	FIELD ME	ASURMENTS (FOUR REP	LICATES) mitial Sample Final Sample
· · · · crrs			
pH (STD)			
SPEC. COND.	(UMHOS/CM) ———		
TEMPERATUR	RE(C) ———		
OTHER (SPEC	CIFY) ———		
		OMMENTS/CALCULATION	ıs
	IONS		
WEATHER CONDITI	IONS	2 /	
SAMPLE APPEARA	NCE		-
Lock present YN			
Disease or presently N			
=== coniceable?	TYN		
The moind service	Eagle 4 A 14		
The second coal func	nonai II Div		
Sampling device function	onair O II		
Corrective action require		DOCCERVATIVES AND ANALYTICAL ME	THOOS ON LABORATORY CUSTODY FORMS.
OF EASE INCLUDE SAMPLE	E BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIA	- FRESERANTING	
PLEASE WALLOW		•	DATE 12/10/96
SAMPLER SIGNAT	URE Busto	asky	



GAI PROJECT NAME TOS	5 97 GWY NY	GAI PROJECT NO.	953-9103
21 8-	1221961015	SOURCE CODES: RIVER (R STREAM WELL, SOIL, OTHER (CIRCLE ONE)
SAMPLE ID.		INFORMATION (IF APPLI	CABLE)
PURGE DATE (yy/mm/dd) CASING VOL.(Gal.) PURGING DEVICE (SEE BELOW)	16,00,15 2.5	TIME (24 HR CLOCK) GAL. PURGED (Gal.) PURGING DEVICE MATER	ISOS ELAPSED HRS J. 4_ IAL S.S. DEDICATED (ON)
	SAMPLE	COLLECTION INFORMA	TION
SAMPLING DEVICE (SEE BELOW _	3 6 1 6 0 1 5 5 5		MATRIX HZO FILTERED (YM) OMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MATERIAL (A) AIR-LIFT PUMP (B) SLADDER PUMP (C) PER	STALTIC PUMP (D) SCOOPISHO	IVEL (E) BAILER (F) OTHER (SPECIFY)	
Marie III	WELL IN	VFORMATION (IF APPLIC	ABLE)
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)	TON	LAND ELEVATION (FT./M. WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCHE	
	FIELD MEA	ASURMENTS (FOUR REP	LICATES) with 1 Sample Final Sample
pH (STD) SPEC. COND.(UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY)	<u></u>	1100 1100 1100 1100 1100 1100 1100 110	8.4
	co	OMMENTS/CALCULATION	S
WEATHER CONDITIONS SAMPLE APPEARANCE		Sulfue Smell	
lack present? (V)N			MS (MUD . TAKEN
Riser cap present? N Riser pipe serviceable? N Protective casing serviceable? N Surface grout seal functional? N Sampling device functional? N		CO ANG ANALYTICAL HE	THOOS ON LABORATORY CUSTODY FORMS.
PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTS	TLE COLOR BOTTLE MATERIAL	2 sty	DATE 12/10/96
SAMPLER SIGNATURE	. —	· \	•



GAI PROJECT NAME	70595	5-97 GWY NY	GAI PROJECT NO.	953-9103
SAMPLE ID	BAT 872	209610110	SOURCE CODES: RIVER	OR STREAM WELL, SOIL, OTHER (CIRCLE ONE
SAMI		PURGING I	NFORMATION (IF APP	LICABLE)
PURGE DATE (yy/mm/do CASING VOL (Gal.) PURGING DEVICE (SEE		610316 1.45	TIME (24 HR CLOCK) GAL PURGED (Gal.) PURGING DEVICE MAT	1545 ELAPSED HRS 4.36 ERIAL 55 DEDICATED (ON)
		SAMPLE	COLLECTION INFORM	MATION
SAMPLING DATE (yy/mi SAMPLING DEVICE (SE	E BELOW	610916 e 5.5.		MATRIX HZO FILTERED (YM) RICOMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MA	A CUIP (C) PERIS	TALTIC PUMP (D) SCOOPISHOV	/EL (E) BAILER (F) OTHER (SPECIF)	n
(A) AR-LIFT PUMP (B) BLADDE	d FOMP (O)	WELL IN	FORMATION (IF APPL	ICABLE)
REFERENCE POINT REF. PT. ELEV.(FT. MS DEPTH TO WATER (RE GW. ELEV.(FT. MSL.)	SL) — F. PT.) —	TON 77	LAND ELEVATION (FT.) WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INC)	
		FIELD MEA	SURMENTS (FOUR RE	EPLICATES) Enitial Sample Final Sample
pH (STD) SPEC. COND.(U		- 3.9° - 800_	_0.4 _700	7700 _800 14°
TEMPERATURE	1	_150_	-140-	
OTHER (SPECIA	₹Y			
		CO	MMENTS/CALCULATION	SNC
		75° SI	い	
WEATHER CONDITIO	_	BROWN - GRA	, gilfur smel	
SAMPLE APPEARANCE			DRY @	3.0 [x]
Lock present (YN				
Riser cap present? YN	N			
- and services	3DIE 9 1/19			
The season seal function				
Sampling device function	ar (0.1			
Corrective action required		OF POTTI F MATERIAL	PRESERVATIVES AND ANALYTICAL	METHODS ON LABORATORY CUSTODY FORMS.
PLEASE INCLUDE SAMPLE B	OTTLE SIZE, 80TT		\sim \sim \sim	METHODS ON LABORATORY CUSTODY FORMS. DATE 12/10/96
SAMPLER SIGNATUI	RE D	man E (rosay	



	SAMI LE 00		
AI PROJECT NAME	TOS 95 97 GLIG NY	GAI PROJECT NO.	953-91 <u>03</u>
AMPLEID.	BAT 59121961105	SOURCE CODES: RIVE	R OR STREAM WELL, SOIL, OTHER (CIRCLE ONE)
Alvii CL 131	PURGING	INFORMATION (IF APP	LICABLE)
	01 :1:2	TIME (24 HR CLOCK)	1.345 ELAPSED HRS
URGE DATE (yy/mm/ ASING VOL (Gal.) URGING DEVICE (SE		GAL PURGED (Gal.) PURGING DEVICE MAT	<u> 34. 34</u>
UNGING DEVICE		E COLLECTION INFOR	MATION
SAMPLING DATE (YY)I'S	ATERIAL S.S.		1415 MATRIX H20 FILTERED (YM) ACOMPOSITE (CIRCLE ONE)
SAMPLING DEVICE M	ER PUMP (C) PERISTALTIC PUMP (D) SCOOPISH	OVEL (E) BAILER (F) OTHER (SPECIF	n
A) AIR-LIFT PUMP (B) BLACC	WELL I	NFORMATION (IF APPL	ICABLE)
REFERENCE POINT REF. PT. ELEV.(FT. M DEPTH TO WATER (F GW. ELEV.(FT. MSL.)	(EF. PI.)	LAND ELEVATION (FT.) WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INC.)	
GVV. ELEV.(V V V		ASURMENTS (FOUR RE	EPLICATES)
	Tubil Auril	Final pural -	Initial Sample Final Sample
pH (STD)	-9.7-	<u> </u>	2500 <u>2600</u>
SPEC. COND.	UMHOS/CM) ZOOO	<u> 2800</u>	
TEMPERATUR	1 175		
OTHER (SPEC			
	C	OMMENTS/CALCULATION	SNC
	ons 50° <	איג	
WEATHER CONDITION		Splfva Smell	
SAMPLE APPEARAN	ICE CLASSO J		
Lock present? Y N			
Riser cap present? N Riser pipe serviceable?	Y!N		
The mains service	eadle 1 Y N		
Surface grout seal function Sampling device function	ional (1 11N		
Corrective action require	ed? YN	·	AND
	BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL	PRESERVATIVES AND MALYTICAL	METHODS ON LABORATION COST OF
PLEASE INCLUDE SAMPLE			DATE 11/5/9/
SAMPLER SIGNATU	JRE		



Golder RESAVILLED DN 11/5/96 Associates SAMPLE COLLECTION INFORMATION FORM

GAI PROJECT NAME TOS	, 95 97 GWY NY	GAI PROJECT NO.	953-9L	<u>C 3</u>
コムア	89021 961017	SOURCE CODES: RIVER	OR STREAM WEL	SOIL, OTHER (CIRCLE ONE)
SAMPLE ID.	PURGING	INFORMATION (IF APPL	LICABLE)	
PURGE DATE (yy/mm/dd) CASING VOL (Gal.) PURGING DEVICE (SEE BELOV	9610 17 2.78 C	TIME (24 HR CLOCK) GAL. PURGED (Gal.) PURGING DEVICE MATE	1035 8.34 FIAL +1 DPC	ELAPSED HRS
DUNGING DEVICE C	SAMPLE	E COLLECTION INFORM	MATION	
SAMPUNG DATE (yy/mm/dd) SAMPUNG DEVICE (SEE BELC	9610 17 ow	TIME (24 HR CLOCK) DEDICATED (YN) SAMPLE TYPE - GRAB		MATRIX <u>HzO</u> FILTERED (YM) LE ONE)
SAMPLING DEVICE MATERIAL (A) AIR-LIFT PUMP (B) BLADDER PUMP (I	C) PERISTALTIC PUMP (D) SCOOP/SHC	OVEL (E) BAILER (F) OTHER (SPECIFY)	
(A) AR-LIFT PUMP (B) SO THE	WELL I	NFORMATION (IF APPLI	CABLE)	
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)	TON 8 Z	LAND ELEVATION (FT.) WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INC)		13 23
pH (STD) SPEC. COND.(UMHOS. TEMPERATURE (C) OTHER (SPECIFY)	1000	ASURMENTS (FOUR REFINAL JUNE 1900)	7.9 _1000 _14' 	12°
	oul Ps			
WEATHER CONDITIONS		SUIFUR SMEA		
Corrective action required?	N N	, PRESERVATIVES AND ANALYTICAL	METHOOS ON LABORATOR	Y CLISTODY FORMS.
OF EASE INCLUDE SAMPLE BOTTLE SE	E. BOTTLE GOLD) 1 .



AI PROJECT NAME	TOS , 95 97 GWY NY	GAI PROJECT NO.	953-9103
AI PROJECT NAME	BAT 84023 961105	SOURCE CODES: RIVER	OR STREAM WELL, SOIL, OTHER (CIRCLE ONE)
AMIFLE ID.	PURGING	INFORMATION (IF APPLI	CABLE)
	96/1/05	TIME (24 HR CLOCK)	13 45 ELAPSED HRS
URGE DATE (yy/mm/dd :ASING VOL(Gal.) :PURGING DEVICE (SEE		GAL PURGED (Gal.) PURGING DEVICE MATER	— — — ·
Onee		E COLLECTION INFORMA	ATION
SAMPLING DATE (yy/mn SAMPLING DEVICE (SEI	EBELOW		14:40 MATRIX H20 FILTERED (YM) COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MAT	PUMP (C) PERISTALTIC PUMP (D) SCOOPISHO	OVEL (E) BAILER (F) OTHER (SPECIFY)	
•	WELL I	NFORMATION (IF APPLIC	ABLE)
REFERENCE POINT REF. PT. ELEV.(FT. MSI DEPTH TO WATER (REI GW. ELEV.(FT. MSL.)		LAND ELEVATION (FT./M WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCHE	
GW. ELLY.(I T. M. D. L.)	FIELD ME	ASURMENTS (FOUR REP	LICATES) with 1 sample Final sample
pH (STD)	Juliel Burse	Final Jural I	mitial Sample Final Straple 4500
SPEC. COND.(UI	мноs/см) <u>47ос</u>	<u>456c</u>	
TEMPERATURE			
OTHER (SPECIF		DMMENTS/ĆALCULATION	ıs
	CC	. J	
WEATHER CONDITION	ıs <u>50 3</u>	ـــــــــــــــــــــــــــــــــــــ	
SAMPLE APPEARANC	E SUIFUR	smell, Clean	
Lock present? (Y/N			
Riser cap present N N Riser pipe serviceable?	N		
Protective casing serviceat	nal Z(N N		
Sampling device functional	17 7.1		
Corrective action required	YIN	PRESERVATIVES AND ANALYTICAL ME	THOOS ON LABORATORY CUSTODY FORMS.
PLEASE INCLUDE SAMPLE BO	TTLE SIZE, BOTTLE COLOR BOTTLE MATERIAL	, , , , , , , , , , , , , , , , , , ,	DATE 11 5/96
SAMPLER SIGNATUR	e Umi	L.VI.K	



	TOS 95 97 GLY	NY	GAI PROJECT NO.	953-91	<u>c 3</u>	
SAMPLE ID.	BAT 89023961	017	SOURCE CODES: RIVE	ER OR STREAM WEL	LISOIL, OTHER (CIRCLE OF	NE)
SAMPLE ID.	F	PURGING I	NFORMATION (IF AP	PLICABLE)		7
	9610	117	TIME (24 HR CLOCK)	10,40	ELAPSED HRS.	
PURGE DATE (yy/mm/c CASING VOL (Gal.) PURGING DEVICE (SE	7.57		GAL PURGED (Gal.) PURGING DEVICE MA	22.72 TERIAL <u>SS</u>	DEDICATED (N)	
PURGING DEVICE (SE		SAMPLE	COLLECTION INFOR	RMATION		 7
SAMPLING DATE (yy/n SAMPLING DEVICE (S	SE BELOWSS	·	TIME (24 HR CLOCK) DEDICATED (YN) SAMPLE TYPE - GR		MATRIX FILTERED (YM) CLE ONE)	<u>></u>
SAMPLING DEVICE M	ATEHIAL ER PUMP (C) PERISTALTIC PUMP	(D) SCOOPISHOV	EL (E) BAILER (F) OTHER (SPEC	m		
(A) AIR-LIFT PUMP (B) BLACC	EK LOWL (O), The	WELL IN	FORMATION (IF APP	LICABLE)		
REFERENCE POINT REF. PT. ELEV.(FT. M DEPTH TO WATER (F GW. ELEV.(FT. MSL.)	(EF. PI.) ————		LAND ELEVATION (F WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (IN		55	
pH (STD) SPEC. COND.(J,:1.1.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7	_	SURMENTS (FOUR F Final Jungle 73 1500	REPLICATES) Faiting Sample 7.3 1500 12°	1500_ 	
TEMPERATUR	=1	<u></u>				
OTHER (SPEC	CIFY)					
		CO	MMENTS/CALCULAT	ZNOF		
	ons 62°	SUN				
WEATHER CONDITION SAMPLE APPEARAN		24	sulfur snell			
Lock present? N Riser cap present? N	A.					
Riser pipe serviceable?	eable NyN					
The second social func	dough () is the					
Sampling device function Corrective action require	ed? Y (1)				Y CUSTODY FORMS.	
THE CAUCH	ed? Y NO BOTTLE SIZE, BOTTLE COLOR, BC	TTLE MATERIAL,	PRESERVATIVES AND ANALYTIC	C MELHORS ON DEBOTATION	. 1	
PLEASE INCLUDE STAFF	2				DATE /2/10/96	
SAMPLER SIGNATI	JRE (1)	<u>a 4)</u>	C. Sun		•	



Association	SAMPLE COLL	ECTION INFORM	ATION FORM
_ 10	1	GAI PROJECT NO.	953-9103
N PROJECT NAME TO	NT 89031961015	SOURCE CODES: RIVER	OR STREAM WELL, SOIL, OTHER (CIRCLE ONE
AMPLE 10.	PURGING	INFORMATION (IF APPL	ICABLE)
			1440 ELAPSED HRS.
URGE DATE (yy/mm/dd) ASING VOL (Gal.)	96,000,115	TIME (24 HR CLOCK) GAL PURGED (Gal.) PURGING DEVICE MATE	_ <u></u>
URGING DEVICE (SEE BE	ELOVV)	E COLLECTION INFORM	
	SAMPL	E 000000	
SAMPLING DATE (YY/mm/c SAMPLING DEVICE (SEE I	dd) 9 6 1 15	TIME (24 HR CLOCK) DEDICATED (YN) SAMPLE TYPE - GRAB	MATRIX HZO FILTERED (YM) COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MATE	RIAL	SAIVII CE TO CONTER (SPECIFY)	
A) AIR-LIFT PUMP (8) BLACCER PL	IMP (C) PERISTALTIC PUMP (D) SCOOP/SH	HOVEL (E) BAILER (F) OTTICE (C) COMMON	-
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	WELL	INFORMATION (IF APPLI	CABLE)
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF.	PT.)	LAND ELEVATION (FT./) WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCH	
GW. ELEV.(FT. MSL.)		TOUR RE	PLICATES)
		EASURMENTS (FOUR RE	nitial Sample Final Sample
	Justial Burne	8.1/_0	$-8.4 - \frac{1.6}{0.00}$
pH (STD)	700	900_	-900 -900
SPEC. COND.(UM	HOS/CM) — 13°_	13°	_13°12°
TEMPERATURE (C			
OTHER (SPECIFY)			
		COMMENTS/CALCULATIC	ens
•	55°	SUN	
WEATHER CONDITIONS		Sulfur Smell	
SAMPLE APPEARANCE	Claps	20140-C 3-3-1	
Lock present? N			
Giorg can present?(Y) N			
Riser pipe serviceable? (*) N Protective casing serviceable	28N		
The second seal functional			
Cling device functional			
Corrective action required?	T UV	AL PRESERVATIVES AND ANALYTICAL N	IETHOOS ON LABORATORY CUSTODY FORMS.
PLEASE INCLUDE SAMPLE BOTT	TE SIZE, BOTTLE COLOR BUTTLE MATE	- A	DATE 12 10 96
SAMPLER SIGNATURE	Die ?	E (sky	
		•	



H2200	7(600	SAMPLE COL	LECTION HAL OLIM	, (() () () ()
		195 97 GLY NY	GAI PROJECT NO.	953-9103
AI PROJECT NAME	BATE	9041961015	SOURCE CODES: RIVER	OR STREAM WELL, SOIL, OTHER (CIRCLE ONE
SAMPLE ID.			G INFORMATION (IF APPL	ICABLE)
. •		PURGIN	G INFORMATION (II ALL	,
		01.4215	TIME (24 HR CLOCK)	OSIL ELAPSED HRS.
PURGE DATE (yy/mm	/dd)	96,0015	GAL PURGED (Gal.)	DEDICATED (MN)
			PURGING DEVICE MATE	THAL
PURGING DEVICE (S		SAMP	LE COLLECTION INFORM	IATION
		JAMII		0840 MATRIX H20
		9610711	TIME (24 HR CLOCK)	FILTERED (YM)
SAMPLING DATE (YY	/mm/dd) /SEF BELO\		DEDICATED (YN)	COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE I	MATERIAL	5.5.	SAME CL THE SPECIFY	
DAINT LITT OF ME AN BLAD	DER PUMP (C)	PERISTALTIC PUMP (D) SCOOP!	SHOVEL (E) BALER (F) OTHER (SPECIFY	
(A) AIM-CIPT PUMP (G) CO		WELL	_ INFORMATION (IF APPLI	CABLE)
			LAND ELEVATION (FT./	MSL)
REFERENCE POINT	•	TOR	WELL DEPTH (FT.)	30.65
lace or EI FV (FT.	MSL)		PG STICKUP (FT.)	7 05
DEPTH TO WATER	(HEF. F 1-)		WELL DIAMETER (INCH	1ES)
GW. ELEV.(FT. MSL) 			
		FIELD M	TEASURMENTS (FOUR RE	PLICATES)
		Judial pural	Final purge	Enitial Sample Final Staple
		B.O	_1-1-	1400
pH (STD)		1200_	1400_	140 -1100 -
SPEC. CONC	O.(UMHOS/C	JIVI)	110	
TEMPERATU		_12		
l l		_==		
OTHER (SPE			COMMENTS/CALCULATION	ONS
		381		
WEATHER CONDI	TIONS		SUN	
		CLERR	Sulfue small	
SAMPLE APPEAR	ANCE			
Lock present? (Y) N			MS MSD TAKE	2 \(\)
THE PROPERTY OF	N N N			
Riser pipe serviceable	viceable 7/Y N	l		
	UCROSSION PARTY	N		
Surface grout sear to	ctional? (Y.N.			
Corrective action req	nned A M	- ANTENATE	TRIAL PRESERVATIVES AND ANALYTICAL	METHODS ON LABORATORY CUSTODY FORMS.
PLEASE INCLUDE SAME	LE BOTTLE SIZ	e, bottle color bottle water		METHODS ON LABORATORY CUSTODY FORMS.
		0	£ 1	DATE 12/16/19
SAMPLER SIGNA	TURE	Bulan		
SAMIFEEN SIGH			<u> </u>	•



ASSOCIACES S	AMPLE COLLE	ECTION INFORM	IATION I OTHER
	5 97 GWY NY	GAI PROJECT NO.	953-9103
BAT 89	051A961017	SOURCE CODES: RIVE	OR STREAM WELL, SOIL, OTHER (CIRCLE ON
AMPLE ID.		INFORMATION (IF APPI	LICABLE)
PURGE DATE (yy/mm/dd) CASING VOL (Gal.)	9.66 C	TIME (24 HR CLOCK) GAL. PURGED (Gal.) PURGING DEVICE MATE	9910 ELAPSED HRS 12.19 ERIAL NOPE DEDICATED (ON)
PURGING DEVICE (SEE BELOW)	SAMPLE	COLLECTION INFORM	MATION
SAMPLING DEVICE (SEE BELOW _	9 6 10 % 1 7 8 5,5		USY MATRIX HZO FILTERED (YM) //COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MATERIAL (A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PER	ISTALTIC PUMP (D) SCOOPISHO	OVEL (E) BAILER (F) OTHER (SPECIFY	
••	WELL I	NFORMATION (IF APPLI	CABLE)
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)	TON	LAND ELEVATION (FT.) WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INC)	
G.W. Zoo	FIELD ME	ASURMENTS (FOUR RE	Enitial Sample Final Sample
pH (STD) SPEC. COND.(UMHOS/CM) TEMPERATURE (C)		717 7100 	——————————————————————————————————————
OTHER (SPECIFY)			
	Co	OMMENTS/CALCULATION	ONS
WEATHER CONDITIONS	550	Suffur Smell	
SAMPLE APPEARANCE	Clear	NHOW S	
Riser cap present N Riser pipe serviceable N Protective casing serviceable N			
Surface grout seal functional?			
Corrective action required?	TOTAL S MATERIAL	PRESERVATIVES AND ANALYTICAL	METHODS ON LABORATORY CUSTODY FORMS.
PLEASE INCLUDE SAMPLE BOTTLE SIZE, BO	2		DATE 17/10/96
SAMPLER SIGNATURE	Zun El		•



SAMPLING DATE (W/mm/dd) SAMPLING DEVICE (SEE BELOW SAMPLING DEVICE (SEE BELOW SAMPLING DEVICE MATERIAL WAR-LIFT PUMP (6) SLADGER PUMP (7) PERISTALTIC PUMP (8) SCOOP/SHOVEL (6) BALER (6) OTHER (SPECEP) WELL INFORMATION (IF APPLICABLE) REFERENCE POINT REF, PT. ELEV. (FT. MSL.) DEPTH TO WATER (REF. PT.) DEPTH TO WATER (REF. PT.) PH (STD) SPEC. COND. (UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS SAMPLE APPEARANCE TIME (24 HR CLOCK) DEDICATED (N) SAMPLE (4 HR CLOCK) DEDICATED (N) SAMPLE (C) SAMPLE (PT. MSL.) LEV. (FT. MSL.) FILE (24 HR CLOCK) DEDICATED (N) SAMPLE (CIRCLE ONE) FILE (24 HR CLOCK) DEDICATED (N) SAMPLE (CIRCLE ONE) FILE (24 HR CLOCK) DEDICATED (N) SAMPLE (CIRCLE ONE) FILE (24 HR CLOCK) SAMPLE (CIRCLE ONE) SAMPLE (CIRCLE ONE) FILE (24 HR CLOCK) SAMPLE (CIRCLE ONE) SAMPLE (CIRCLE ONE) FILE (24 HR CLOCK) SAMPLE (CIRCLE ONE) SAMPLE (CIRCLE ONE) FILE (24 HR CLOCK) SAMPLE (CIRCLE ONE) SAMPLE (CIRCLE ONE) FILE (FT. MSL.) WELL DEPTH (FT.) STICKUP (FT. MSL.) FILE (SPECIFY) FILE (CIRCLE ONE) WELL DEPTH (FT.) FILE (SPECIFY) FILE (CIRCLE ONE) FILE (CIR	
SAMPLE COLLECTION INFORMATION SAMPLING DEVICE (SEE BELOW) SAMPLE TYPE - (SASICOMPOSITE (CIRCLE ONE) WELL INFORMATION (IF APPLICABLE) WELL INFORMATION (IF APPLICABLE) WELL DEPTH (FT.) SEED SEED ON STICKUP (FT.) WELL DEPTH (FT.) SEED SEED ON STICKUP (FT.) WELL DEPTH (FT.) SEED SEED ON STICKUP (FT.) SEED SEED ON STICKUP (FT.) SEED SEED ON STICKUP (FT.) SEED SEED ON SEED ON STICKUP (FT.) SEED SEED ON STICKUP (FT.) SEED SEED ON SEED ON STICKUP (FT.) SEED SEED ON SEED	
PURGING INFORMATION (IF APPLICABLE) JEGE DATE (Y/Imm/dd) SSING VOL(Gal.) JEGING DEVICE (SEE BELOW) SAMPLE COLLECTION INFORMATION SAMPLE COLLECTION INFORMATION AMPLING DATE (Y/Imm/dd) AMPLING DEVICE (SEE BELOW) AMPLING DEVICE (SEE BELOW) SSAMPLE TYPE - GRAJICOMPOSITE (CIRCLE ONE) AMPLING DEVICE (SEE BELOW) SSAMPLE TYPE - GRAJICOMPOSITE (CIRCLE ONE) AMPLING DEVICE (SEE BELOW) SSAMPLE TYPE - GRAJICOMPOSITE (CIRCLE ONE) WELL INFORMATION (IF APPLICABLE) WELL INFORMATION (IF APPLICABLE) FIELD MEASURMENTS (FOUR REPLICATES) FIELD MEASURMENTS (FOUR REPLICATES) PH (STD) SPEC. COND.(UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) COMMENTS/CALCULATIONS WEATHER CONDITIONS SAMPLE APPEARANCE OLARS (SIECLE PARTICULATION) COMMENTS/CALCULATIONS SAMPLE APPEARANCE OLARS (SIECLE PARTICULATE) FIELD MEASURE PARTICULATES, (VIIVE STOUL) COMMENTS/CALCULATIONS SAMPLE APPEARANCE OLARS (SIECLE PARTICULATES) COMMENTS/CALCULATIONS SAMPLE APPEARANCE	LE ONE
INGE DATE (Py/mm/dd) ASING VOL.(Gal.) PURGING DEVICE (SEE BELOW) SAMPLE COLLECTION INFORMATION SAMPLE (Py/mm/dd) DEDICATED (PM) DEDICA	
SAMPLE COLLECTION INFORMATION SAMPLE COLLECTION INFORMATION AMPLING DATE (symmidd) AMPLING DEVICE (SEE BELOW) AMPLING DEVICE (SEE BELOW) SAMPLE TYPE - GRAP (COMPOSITE (CIRCLE ONE) AMPLING DEVICE (MATERIAL NAR-LIFT PUMP (®) SLAGGER PUMP (C) PERISTALTIC PUMP (Ø) SCOOPISHOVEL (®) BALLER (®) OTHER (SPECIFY) WELL INFORMATION (IF APPLICABLE) REFERENCE POINT LAND ELEVATION (FT./MSL.) WELL DEPTH TO WATER (REF. PT.) WELL DEPTH (INCHES) TANKI JUMA FINIT PUMP (INCHES) FIELD MEASURMENTS (FOUR REPLICATES) TANKI JUMA FINIT PUMP (INCHES) TO TO TO GOOD TEMPERATURE (C) OTHER (SPECIFY) COMMENTS/CALCULATIONS SAMPLE APPEARANCE (JEAR, BIACLE PARTICIDATE, (V) For Small	
SAMPLE COLLECTION INFORMATION AMPLING DATE (symmidd) AMPLING DEVICE (SEE BELOW AMPLING DEVICE (SEE BELOW AMPLING DEVICE (SEE BELOW AMPLING DEVICE (MATERIAL SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE) AMPLING DEVICE MATERIAL SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE) WELL INFORMATION (IF APPLICABLE) WELL INFORMATION (IF APPLICABLE) WELL OPTH (FT.) STICKUP (FT.) WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCHES) FIELD MEASURMENTS (FOUR REPLICATES) FIELD MEASURMENTS (FOUR REPLICATES) FIELD MEASURMENTS (FOUR REPLICATES) PH (STD) SPEC. COND.(UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) COMMENTS/CALCULATIONS WEATHER CONDITIONS SAMPLE APPEARANCE ONLY OPARTICIDATE, (VIEw Stort)	
AMPLING DATE (yy/mm/dd) AMPLING DEVICE (SEE BELOW AMPLING DEVICE (SEE BELOW AMPLING DEVICE (SEE BELOW AMPLING DEVICE (SEE BELOW AMPLING DEVICE MATERIAL WELL INFORMATION (IF APPLICABLE) WELL INFORMATION (IF APPLICABLE) WELL DEPTH (FT.) AREF. PT. ELEV. (FT. MSL.) DEPTH TO WATER (REF. PT.) FIELD MEASURMENTS (FOUR REPLICATES) FINAL BURNE FINAL BURNE FINAL BURNE FINAL BURNE FINAL SAMPLE FINAL SAMPLE FINAL SAMPLE FINAL SAMPLE FINAL BURNE FINAL BURNE FINAL SAMPLE FINAL SAMPLE FINAL BURNE FINAL SAMPLE FINAL SAMPLE FINAL SAMPLE FINAL SAMPLE FOUND COMMENTS/CALCULATIONS WEATHER CONDITIONS SAMPLE APPEARANCE AMPLINATION FILTERED (YM) FILTERED (
WELL INFORMATION (IF APPLICABLE) WELL INFORMATION (IF APPLICABLE) WELL OPPTH (FT.) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.) PH (STD) SPEC. COND.(UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS SAMPLE APPEARANCE WELL DIAMETER (STOTHER (SPECIFY) WELL DEPTH (FT.) WELL DEPTH (FT.) WELL DEPTH (FT.) WELL DIAMETER (STOTHER (SPECIFY) WELL DIAMETER (STOTHER (SPECIFY) WELL DIAMETER (STOTHER (SPECIFY) COMMENTS/CALCULATIONS SAMPLE APPEARANCE WELL INFORMATION (IF APPLICABLE) WELL OPPH (FT.) WELL DEPTH (FT.) WELL DIAMETER (SPECIFY) TON WELL DIAMETER (SPECIFY) WELL DIAMETER (SPECIFY) WELL DIAMETER (SPECIFY) WELL DIAMETER (SPECIFY) TON WELL DIAMETER (SPECIFY) WELL DIAMETER (SPECIFY) WELL DIAMETER (SPECIFY) TON WELL DIAMETER (SPECIFY) WELL DIAMETER (SPECIFY) TON WELL DIAMETER (SPECIFY) WELL DIAMETER (SPECIFY) TON TON WELL DIAMETER (20
WELL INFORMATION (IF APPLICABLE) REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) FIELD MEASURMENTS (FOUR REPLICATES) FIELD MEASURMENTS (FOUR REPLICATES) FIELD MEASURMENTS (FOUR REPLICATES) PH (STD) SPEC. COND.(UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) COMMENTS/CALCULATIONS WEATHER CONDITIONS SAMPLE APPEARANCE OLARS SIGNATURE (VIVE SNO!)	
WELL DEPTH (FT.) REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.) FIELD MEASURMENTS (FOUR REPLICATES) FIELD MEASURMENTS (FOUR REPLICATES) FIELD MEASURMENTS (FOUR REPLICATES) FIELD MEASURMENTS (FOUR REPLICATES) PH (STD) SPEC. COND.(UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) COMMENTS/CALCULATIONS WEATHER CONDITIONS SAMPLE APPEARANCE OLARS, Black particulate, (Vive soul)	
FIELD MEASURMENTS (FOUR REPLICATES) Total guese Final sample Final sample Final sample PH (STD) SPEC. COND. (UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) COMMENTS/CALCULATIONS WEATHER CONDITIONS SAMPLE APPEARANCE FINAL GUESE FINAL SAMPLE FINAL SA	
PH (STD) SPEC. COND. (UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) COMMENTS/CALCULATIONS WEATHER CONDITIONS SAMPLE APPEARANCE COMMENTS/CALCULATIONS SAMPLE APPEARANCE COMMENTS/CALCULATIONS	ol-e
SPEC. COND. (UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) COMMENTS/CALCULATIONS WEATHER CONDITIONS SAMPLE APPEARANCE CLAR, Black particulate, (virus smol)	
SPEC. COND. (UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) COMMENTS/CALCULATIONS WEATHER CONDITIONS SAMPLE APPEARANCE COMMENTS/CALCULATIONS	
TEMPERATURE (C) OTHER (SPECIFY) COMMENTS/CALCULATIONS WEATHER CONDITIONS SAMPLE APPEARANCE COMMENTS/CALCULATIONS STOCK PARTICULATE, (V) (v	
COMMENTS/CALCULATIONS WEATHER CONDITIONS SAMPLE APPEARANCE CLEAR, Black particulate, (v) fre smoll	
WEATHER CONDITIONS SAMPLE APPEARANCE SAMPLE APPEARANCE SAMPLE APPEARANCE SAMPLE APPEARANCE SAMPLE APPEARANCE SAMPLE APPEARANCE	
SAMPLE APPEARANCE CLEAR, BLACK PARTICULATE, (VIEW SOLD)	
SAMPLE APPEARANCE CLEAR, BIACK PARTICULATE, STATE GROWN	
SAMPLE APPEARANCE	
- VN	
Riser cap present N	
aire serviceable (1 VN	
Protective casing serviceable (V N Surface grout seal functional (V) N	
Complied device functional (DV)	
Corrective action required? VN PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.	
PLEASE INCLUDE SAMPLE BOTTLE SIZE, BUTTLE SI	
SAMPLER SIGNATURE Bruin Coshy DATE 17/6/9	
SAMPLER SIGNATURE Burn Colors	6



INFORMATION FORM

IAI PROJECT NAME TOS	1	GAI PROJECT NO.	953-9103
AMPLEID. BAT	8,061961015	SOURCE CODES: RIVER	OR STREAM WELL SOIL, OTHER (CIRCLE ON
AMPLE 10.	PURGING	INFORMATION (IF APPL	ICABLE)
	96,00,15	TIME (24 HR CLOCK)	11 30 ELAPSED HRS
PURGE DATE (yy/mm/dd) CASING VOL (Gal.) PURGING DEVICE (SEE BELC	6.46	GAL PURGED (Gal.) PURGING DEVICE MATE	- <u></u>
THEIRE DEVICE (SAMPL	E COLLECTION INFORM	IATION
SAMPLING DATE (yy/mm/dd) SAMPLING DEVICE (SEE BEL		TIME (24 HR CLOCK) DEDICATED (PVN) SAMPLE TYPE - GRAB	MATRIX HZO FILTERED (YM) /COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MATERIA	(C) PERISTALTIC PUMP (D) SCOOPISH		
(A) AIR-LIFT PUMP (B) BLADCER PUMP	WELL I	NFORMATION (IF APPLI	CABLE)
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT. GW. ELEV.(FT. MSL.)		LAND ELEVATION (FT./) WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCH	
	SIELD ME	ASURMENTS (FOUR RE	PLICATES)
		Final pural 7	7.7
pH (STD) SPEC. COND.(UMHO:	Toutial pural	Final pural 1	7.7
SPEC. COND.(UMHOS	Toutial pural	Fivel Jural 7	7.7
SPEC. COND.(UMHOS	S/CM) Junio Junio J. 80 S/CM) SICM		7.7
SPEC. COND.(UMHOS	SICM) FUND T. BO SICM) SUD 	OMMENTS/CALCULATIO	7.7
SPEC. COND.(UMHOS	S/CM) SOUND S/CM) S/CM) S/CM) C	OMMENTS/CALCULATION	7.7 7.7
SPEC. COND.(UMHOSTEMPERATURE (C) OTHER (SPECIFY)	SICM) FUND T. BO SICM) SUD 	OMMENTS/CALCULATION	7.7
SPEC. COND. (UMHOS TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS SAMPLE APPEARANCE	S/CM) SOUND S/CM) S/CM) S/CM) C	OMMENTS/CALCULATION	7.7 7.7
SPEC. COND. (UMHOS TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS SAMPLE APPEARANCE Lock present? N Riser cap present? N Riser cap present. N Rise	S/CM) Tourist Sund T. B. S/CM) S/CM) S/CM IIC CLUM /	OMMENTS/CALCULATION	7.7 7.7
SPEC. COND. (UMHOS TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS SAMPLE APPEARANCE Lock present N Riser cap present? (N) Riser pipe serviceable? (N) Protective casing serviceable?	S/CM) Toutial punch 1.8 800 110 CLIM /	OMMENTS/CALCULATION	7.7 7.7
SPEC. COND. (UMHOS TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS SAMPLE APPEARANCE Lock present? N Riser cap present? N Riser pipe serviceable? N Protective casing serviceable? Surface grout seal functional?	S/CM) Toutial punch 1.8 800 116 CLUM 7	OMMENTS/CALCULATION SUN SUN FOR SE	7.7 _ 7.7 _ 7.7
SPEC. COND. (UMHOS TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS SAMPLE APPEARANCE Lock present? N Riser cap present? N Riser pipe serviceable? N Protective casing serviceable? Surface grout seal functional?	S/CM) Toutial punch 1.8 800 116 CLUM 7	OMMENTS/CALCULATION SUN SUN FOR SE	7.7 7.7 100 1100 10° 10° 10° 10° 10° 10° 10° 10
SPEC. COND. (UMHOS TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS SAMPLE APPEARANCE Lock present? N Riser cap present? N Riser pipe serviceable? N Protective casing serviceable? Surface grout seal functional?	S/CM) Toutial punch 1.8 800 116 CLUM 7	OMMENTS/CALCULATION SUN SUN FOR SE	7.7 7.7



	er iates SA	MPLE COLL	ECTION INFORM	MATION FORM
GAI PROJECT NAME	TOS 195	97 GWY NY	GAI PROJECT NO.	953-9103
SAMPLE ID.	BAT 890	11A961017	SOURCE CODES: RIVE	ER OR STREAM WELL, SOIL, OTHER (CIRCLE ON
SAMP CE 10.		PURGING	INFORMATION (IF APP	PLICABLE)
PURGE DATE (yy/mm.	vdd) 9	610 <u>\$</u> 17	TIME (24 HR CLOCK) GAL PURGED (Gal.) PURGING DEVICE MAT	0800 ELAPSED HRS 18.7 TERIAL SS DEDICATED (ON)
CASING VOL.(Gal.) PURGING DEVICE (SI	EE BELOW)	<u> </u>		
		SAMPL	E COLLECTION INFOR	
SAMPLING DATE (YY/ SAMPLING DEVICE (SEE BELOW	610 <u>4</u> 17 85.		
SAMPLING DEVICE N	MATERIAL	ALTIC PUMP (D) SCOOPISHO	OVEL (E) BAILER (F) OTHER (SPECE	- n)
(A) AIR-LIFT PUMP (B) SCAL		WELL II	NFORMATION (IF APPL	LICABLE)
REFERENCE POINT		TON.	LAND ELEVATION (FT WELL DEPTH (FT.)	-MSL)
REF. PT. ELEV.(FT. I	MSL) — (REF. PT.) —		STICKUP (FT.) WELL DIAMETER (INC	CHES)
REF. PT. ELEV.(FT. I DEPTH TO WATER (GW. ELEV.(FT. MSL.	MSL) — (REF. PT.) —		STICKUP (FT.) WELL DIAMETER (INC	EPUCATES)
DEPTH TO WATER (MSL) — (REF. PT.) —		STICKUP (FT.) WELL DIAMETER (INC	EPLICATES) Enitial Sample Final Sample 7.4 7.4
DEPTH TO WATER (GW. ELEV.(FT. MSL.	MSL) — (REF. PT.) — — — — — — — — — — — — — — — — — — —	FIELD ME	STICKUP (FT.) WELL DIAMETER (INC	EPUCATES)
DEPTH TO WATER (GW. ELEV.(FT. MSL. PH (STD) SPEC. COND	MSL) — (REF. PT.) — — — — — — — — — — — — — — — — — — —	FIELD ME	STICKUP (FT.) WELL DIAMETER (INC ASURMENTS (FOUR R FINAL JURAL 7.4	EPLICATES) Enitial Sample Final Sample
PH (STD) SPEC. COND TEMPERATU	MSL) — (REF. PT.) — — — — — — — — — — — — — — — — — — —	FIELD ME	STICKUP (FT.) WELL DIAMETER (INC ASURMENTS (FOUR R FINAL JURAL 7.4	EPLICATES) Enitial Sample Final Sample
DEPTH TO WATER (GW. ELEV.(FT. MSL. PH (STD) SPEC. COND	MSL) — (REF. PT.) — — — — — — — — — — — — — — — — — — —	FIELD ME -7.1 -900 -12°	STICKUP (FT.) WELL DIAMETER (INC ASURMENTS (FOUR R FINAL JURAL 7.4	EPLICATES) EMINI SAMPLE FINAL SAMPLE
DEPTH TO WATER (GW. ELEV.(FT. MSL. PH (STD) SPEC. COND TEMPERATU OTHER (SPE	MSL) — (REF. PT.) — — — — — — — — — — — — — — — — — — —	FIELD ME 	STICKUP (FT.) WELL DIAMETER (INC ASURMENTS (FOUR R Final fungl 7.4 1100 12	EPLICATES) EMINI SAMPLE FINAL SAMPLE
DEPTH TO WATER (GW. ELEV.(FT. MSL. PH (STD) SPEC. COND TEMPERATU OTHER (SPE	MSL) (REF. PT.) . . J. (UMHOS/CM) JRE (C) CIFY)	FIELD ME 2.1:1 purp 7.1 900 12°	STICKUP (FT.) WELL DIAMETER (INC ASURMENTS (FOUR R FINIT JUNC 1100 12 OMMENTS/CALCULATION	EPLICATES) ENITAL SAMPLE FINAL SAMPLE
DEPTH TO WATER (GW. ELEV.(FT. MSL. PH (STD) SPEC. COND TEMPERATU OTHER (SPE WEATHER CONDIT SAMPLE APPEARA	MSL) (REF. PT.) (REF. PT.) (Output) (CUMHOS/CM) (REF(C) (CIFY) (CIFY)	FIELD ME 7.1 900 12° Co	STICKUP (FT.) WELL DIAMETER (INC ASURMENTS (FOUR R FINIL JULY 1100 12 OMMENTS/CALCULATION CLAST	EPLICATES) EMINI SAMPLE FINAL SAMPLE
DEPTH TO WATER (GW. ELEV.(FT. MSL. PH (STD) SPEC. COND TEMPERATU OTHER (SPE WEATHER CONDIT SAMPLE APPEARA Lock present? N Riser cap present? V	MSL) (REF. PT.) (REF. PT.) (OUMHOS/CM)	FIELD ME 7.1 900 12° Co	STICKUP (FT.) WELL DIAMETER (INC ASURMENTS (FOUR R FINIL JULY 1100 12 OMMENTS/CALCULATION CLAST	EPLICATES) EMINI SAMPLE FINAL SAMPLE
DEPTH TO WATER (GW. ELEV.(FT. MSL. PH (STD) SPEC. COND TEMPERATU OTHER (SPE WEATHER CONDIT SAMPLE APPEARA Lock present? N Riser cap present? (Riser pipe serviceable Protective casing serviceable Protective casing serviceable	MSL) (REF. PT.) (REF. PT.) (NUMHOS/CM) (REF (C) (CIFY) (NUMHOS/CM) (CIFY)	FIELD ME 7.1 900 12° Co	STICKUP (FT.) WELL DIAMETER (INC ASURMENTS (FOUR R FINIL JULY 1100 12 OMMENTS/CALCULATION CLAST	EPLICATES) EMINI SAMPLE FINAL SAMPLE
DEPTH TO WATER (GW. ELEV.(FT. MSL. PH (STD) SPEC. COND TEMPERATU OTHER (SPE WEATHER CONDIT SAMPLE APPEARA Lock present? N Riser cap present? Riser pipe serviceable Protective casing serviceable Surface grout seal functions	MSL) (REF. PT.) (REF. PT.) (NUMHOS/CM) (REF(C) (CIFY) (CI	FIELD ME J.J. Jury 900 12° CLEAR	STICKUP (FT.) WELL DIAMETER (INC. ASURMENTS (FOUR R FINIT JULY 12 OMMENTS/CALCULATI CLAST SU) FUR. SMOLL	EPLICATES) EMINI SAMPLE FINAL SAMPLE



GAI PROJECT NAME TOS 195 97 GLY N	GAI PROJECT NO. 953-9/03
BAT 2907 18961017	SOURCE CODES: RIVER OR STREAM WELL, SOIL, OTHER (CIRCLE ONE)
SAMPLE IU.	RGING INFORMATION (IF APPLICABLE)
PURGE DATE (yy/mm/dd) 9610 10 10 10 10 10 10 10 10 10 10 10 10 1	TIME (24 HR CLOCK) GAL PURGED (Gal.) PURGING DEVICE MATERIAL HDR. DEDICATED (ON)
S	AMPLE COLLECTION INFORMATION
SAMPLING DATE (yy/mm/dd) SAMPLING DEVICE (SEE BELOW SAMPLING DEVICE (SEE BELOW)	SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MATERIAL 55. (A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) S	COOPISHOVEL (E) BAILER (F) OTHER (SPECIFY)
(A) AIR-LIFT PUMP (B) 60-00-00-00-00-00-00-00-00-00-00-00-00-0	VELL INFORMATION (IF APPLICABLE)
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)	WELL DIAMETER (INCHES)
FIE Julial Pur	
pH (STD) SPEC. COND.(UMHOS/CM)) 000	1 1100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TEMPERATURE (C)	
OTHER (SPECIFY)	COMMENTS/CALCULATIONS
WEATHER CONDITIONS 55°C	2 1 C 12 Smp1
SAMPLE APPEARANCE CALA	
Lock present? YN Riser cap present? YN Riser pipe serviceable? YN	
Protective casing serviceable (MIN	
a davice functional ()	E MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.
PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTL	DATE 12/10/96
SAMPLER SIGNATURE	2 Com



	SAMPLE COLL			
GAI PROJECT NAME TO	5 95 97 GLY NY	GAI PROJECT NO.	953-910	<u>3</u>
SAMPLEID. BA	T89140961017	SOURCE CODES: RIVE	OR STREAM WELL, S	OIL, OTHER (CIRCLE ONE)
Width CT.	PURGING	INFORMATION (IF APP	UCABLE)	
PURGE DATE (yy/mm/dd)	9610117	TIME (24 HR CLOCK) GAL PURGED (Gal.)	<u>:69</u>	APSED HRS.
CASING VOL (Gal.) PURGING DEVICE (SEE BE	1.23 E	PURGING DEVICE MAT		DICATED (N)
	ŞAMPLE	ECOLLECTION INFORM		
SAMPLING DATE (yy/mm/do SAMPLING DEVICE (SEE B	ELUW ————————————————————————————————————		FIL FILOMPOSITE (CIRCLE (TRIX <u>HzO</u> TERED (YM) DNE)
SAMPLING DEVICE MATER	AP (C) PERISTALTIC PUMP (D) SCOOPISHO	OVEL (E) BAILER (F) OTHER (SPECIF	<u>n</u>	
A) AIR-LIFT PUMP (8) ACCOUNT	WELL I	NFORMATION (IF APPL	ICABLE)	
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. F GW. ELEV.(FT. MSL.)	TON	LAND ELEVATION (FT.) WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INC		
		ASURMENTS (FOUR RE	EPLICATES) Enitial Sample	Final Sample
pH (STD)	Justial pural	7.7-	7.9	<u></u>
SPEC. COND.(UMH	0S/CM) 1200_	-1500	1200_	76
TEMPERATURE (C)	1 1			
OTHER (SPECIFY)				
	C	OMMENTS/CALCULATI	ONS	
WEATHER CONDITIONS	71° S	UN		Sacrala)
SAMPLE APPEARANCE		Sulfur smell	, chan - mi	IK Che. Brown
Lock present? (V)N Riser cap present? (V)N				
Riser pipe serviceable? Y/N Protective casing serviceable	18h			
Surface grout seal functional	? (P)N (V)N			
Sampling device functional? Corrective action required?	N			TODY FORMS.
THE PARTY OF THE P	E SIZE, BOTTLE COLOR, BOTTLE MATERIAL	PRESERVATIVES AND ANALYTICAL	METHODS ON CABOTATION GO	
PLEASE INCLUDE SOMPLE SO	~ ~	. .		DATE 12/10/96
SAMPLER SIGNATURE	Bus E (say		



	O. –	_				
AI PROJECT NAME	TOS _ 95 97 6W	NY.	GAI PROJECT NO.	953-910	23	
	BAT 8914191	61017	SOURCE CODES: RIV	ER OR STREAM WELL	SOIL, OTHER (CIRCLE	E ONI
AMPLE ID.			NFORMATION (IF AP	PLICABLE)		
	9610	展/17	TIME (24 HR CLOCK)	1505	ELAPSED HRS.	
URGE DATE (yy/mm/	dd) - 2 · 5		GAL PURGED (Gal.)	- <u>/-</u> 2-	DEDICATED (N)	
ASING VOL (Gal.) URGING DEVICE (SE			PURGING DEVICE MA	TEMAL		
ORGING DEVICE (OF		SAMPLE	COLLECTION INFOR	RMATION		
				1530	MATRIX Hz	.0
	(10) 9 6 10	# 17	TIME (24 HR CLOCK)		FILTERED (YAN)	
SAMPLING DATE (yy/		<u></u>	DEDICATED-(NN)	BICOMPOSITE (CIRCI		
SAMPLING DEVICE (S SAMPLING DEVICE M	MATERIALS	<u>,S.</u>			-	
SAMPLING DEVICE I	CO PERISTALTIC PUL	MP (D) SCOOPISHO	VEL (E) BAILER (F) OTHER (SPEC	PY)		
(A) AIR-LIFT PUMP (B) SLACC	JEN FUMP (O).	<u>.</u>	ITODIATION /IT ADD	LICABLE		
		WELL IN	IFORMATION (IF APP			
			AND TO TATOM (E	T (MSL)		
REFERENCE POINT	TON	<u> </u>	LAND ELEVATION (F WELL DEPTH (FT.)	P. <u>08</u>	<u>?</u>	
REFERENCE POINT REF. PT. ELEV.(FT. N	ASL) —— TE	· ~ ~	STICKUP (FT.)			
DEPTH TO WATER (F	REF. PT.) 13	<u>25</u> 6	WELL DIAMETER (IN	CHES)Z.º	و. ــــــــــــــــــــــــــــــــــــ	
GW. ELEV.(FT. MSL.))	_ ·				
			SURMENTS (FOUR F	REPLICATES)	, ,,	a
	- 1.1		First Dural	Initial Sample	e FINAL SAMPLY	Ž
	Tuitial	57	7.80	_18	\ <u>'-'</u>	
pH (STD)			900	900	900	
Y' '	(UMHOS/CM) —	100_		$-\frac{16}{16}$	150	
1		749	10		13	
TEMPERATUR	RE (C)					
OTHER (SPEC	i -				<u> </u>	
OTHER (SPEC			MMENTS/CALCULAT	TONS		
	·		NN			
WEATHER CONDITI	ONS					
		(de	CLLAR > SUIFU	n upon		
SAMPLE APPEARA	NCE					
Lock present? (N)N						
at and procedu/WIN	Ι					
a: ina coniceable?	Y.N				,	<u>. </u>
Protective casing service Surface grout seal fund	Same ult \\					
Sampling device function	onair (1)11					
Corrective action requi	red? Y (N)				CUSTODY FORMS.	
	STE SOTTLE COLOR	BOTTLE MATERIAL	PRESERVATIVES AND ANALYTIC	L HETHOOS ON CABONATORI		
PLEASE INCLUDE SAMPLE	\mathcal{O}	, /	21		DATE 12/1/9	6
THE PROPERTY OF THE PARTY OF TH	UBE Dru	· 4 ()	~ coory			
SAMPLER SIGNAT	Unic C		\		•	



5/	AMPLE COLL		•	
I PROJECT NAME TOS 199	5 97 GLY NY	GAI PROJECT NO.	953-9103	
BAT891	51961017	SOURCE CODES: RIVER (OR STREAM WELL, SOIL, OTHER (CIRC	LE ONE)
MPLE ID.		INFORMATION (IF APPLI	CABLE)	
	610317	TIME (24 HR CLOCK)	1430 ELAPSED HRS	
IRGE DATE (yy/mindd) —	2.72 C	GAL PURGED (Gal.) PURGING DEVICE MATER	T.27 RIAL HATE DEDICATED (ON)	
JAGING DEVICE (SEE BELOW)	SAMPLE	COLLECTION INFORMA	ATION	
AMPLING DATE (yy/mm/dd) AMPLING DEVICE (SEE BELOW	6,103,17	TIME (24 HR CLOCK) DEDICATED-(YN)	上上生 MATRIX <u>H</u> FILTERED (YM) COMPOSITE (CIRCLE ONE)	20
AMPLING DEVICE MATERIAL _	S.S.			
AMPLING DEVICE MATERIAL) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERI	STALTIC PUMP (D) SCOOPISM	NFORMATION (IF APPLIC	ABLE)	
	WELL !!			
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)	TOR - [9][LAND ELEVATION (FT.M WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCHE		
		ASURMENTS (FOUR REF	LICATES) Nitral Sample Final Sample	11-e
	Tritial pural	8.0	_8.0_ _1.1	
pH (STD)	1000	1000	1000 _ 1000_	'
SPEC. COND.(UMHOS/CM)	180		<u></u>	
TEMPERATURE (C)				
OTHER (SPECIFY)		L ATIO	uc	
		OMMENTS/CALCULATION	10	
WEATHER CONDITIONS	75° SI	iN	- 17.10	
SAMPLE APPEARANCE	CLEAR WI	in particulate	, shows like sulfur	
Lock present? Y N Riser cap present?				
at a mino conficeable (1 1 N b				
Protective casing serviceauter 771				
Compling device functional (/ 1/11				
Corrective action required?		PRECEDUATIVES AND ANALYTICAL MI	THOOS ON LABORATORY CUSTODY FORMS.	
PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOT	TLE COLOR, BOTTLE MATERIA	HESERVATIVE	THOOS ON LABORATORY CUSTODY FORMS.	' 5
/-	7 3	lu	DATE , STATE	
SAMPLER SIGNATURE	Just Will	1		



Golde Associ	er ates		TOTION INTOR	MATION FOR	M
WASSUG	S	AMPLE COLI	LECTION INFOR	MATION	
GAI PROJECT NAME	705 J	15 97 GWY NY	GAI PROJECT NO.	953-91	-
SAMPLEID.	BAT BY	161961015	SOURCE CODES: RIV	ER OR STREAM WEL	L, SOIL, OTHER (CIRCLE ONE)
SAMPLE IU.			G INFORMATION (IF AP	PLICABLE)	
		10		850	ELAPSED HRS.
PURGE DATE (yy/mm/	/dd) -	16/2015	TIME (24 HR CLOCK) GAL PURGED (Gal.)	127	
CASING VOL.(Gal.) PURGING DEVICE (SE	_		PURGING DEVICE MA	TERIAL SS	DEDICATED (N)
PURGING DE INSTITUTE		SAMP	LE COLLECTION INFO	NOITAME	
		15	TIME (24 HR CLOCK)	0915	MATRIX H20
SAMPLING DATE (Y) SAMPLING DEVICE (SEE BELOW .	9 610 3115 ES		ABICOMPOSITE (CIRC	FILTERED (YM)
SAMPLING DEVICE N	MATERIAL .				
(A) AIR-LIFT PUMP (B) BLAD	DER PUMP (C) PEF	IISTALTIC PUMP (D) SCOOP/S	SHOVEL (E) BAILER (F) OTHER (SPEC		
, ,		WELL	. INFORMATION (IF APF		
		TOR	LAND ELEVATION (F	T./MSL)	3 4
REFERENCE POINT	MSI)		WELL DEPTH (FT.)		
REF. PT. ELEV.(FT. I DEPTH TO WATER (REF. PT.)		STICKUP (FT.) WELL DIAMETER (IN	CHES)	20
GW. ELEV.(FT. MSL.	.)	· ·			
		FIELD M	EASURMENTS (FOUR	REPLICATES)	e Final sample
		Tribial purio	Final pural	Eniting Sample	7.5
		7.4			1200_
pH (STD)		700_	12.00	<u> </u>	7000
SPEC. COND	.(UMHOS/CM)	12°	15.	_15-0_	
TEMPERATU	RE (C)				
OTHER (SPE					
			COMMENTS/CALCULA	TIONS	
WEATHER CONDIT	TONS	332	シン		
SAMPLE APPEARA		Mario			
Lock present? (MN					
Giner can present Y	N		M	MSD TAKE	
Riser pipe serviceable	iceable VYN				
The second seal (UI)	COOLIGIT (1.14				
a line device funct	gonai () Livi			<u> </u>	
Corrective action requ	ucui fila	OR COTT S VATER	RUL PRESERVATIVES AND ANALYTIC	al methods on laborator	Y CUSTODY FORMS.
PLEASE INCLUDE SAMPL	E BOTTLE SIZE, 80	TTLE COLOR BUTTLE MATE	RIAL, PRESERVATIVES AND ANALYTIC		DATE 12/11/56
SAMPLER SIGNAT	TURE	2mE (shy		
<u> </u>			•		•



GAI PROJECT NAME TOS 195 97 GWY NY	GAI PROJECT NO.	953-9103
SAMPLEID. BAT SCITTIGLES	SOURCE CODES: RIVER OF	STREAM WELL SOIL, OTHER (CIRCLE ONE)
PURGING	INFORMATION (IF APPLIC	ABLE)
0 / 07.1	TIME (24 HR CLOCK)	1017
PURGE DATE (yy/mm/dd) 96071	CAL PURGED (Gal.)	ALSS DEDICATED (N)
CASING VOL (Gal.) PURGING DEVICE (SEE BELOW)	PURGING DEVICE MATERIL	AL 33 DEDICATED ON
PURGING DEVICE (SEE SAMPLE	E COLLECTION INFORMAT	NOT
7	TIME (24 HR CLOCK)	1040 MATRIX #20
SAMPLING DATE (yy/mm/dd) 96071	ANAIN	FILTERED (YM)
SAMPLING DEVICE (SEE BELOW	SAMPLE TYPE - GRABICO	OMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MATERIAL SAMPLING DEVICE MATERIAL (A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOPISHO	OVEL (E) BAILER (F) OTHER (SPECIFY)	
(A) AIR-LIFT PUMP (B) BLACOER PUMP (C) PENSITE WELL II	NFORMATION (IF APPLICA	.BLE)
7724	LAND ELEVATION (FT./MS	L)
REFERENCE POINT TOX	WELL DEPTH (FT.)	
REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.)	STICKUP (FT.) WELL DIAMETER (INCHES	7.03
GW. ELEV.(FT. MSL.)	WELL DIXINETER (III O	
CISI D ME	ASURMENTS (FOUR REPL	ICATES)
Twisial Bung.	Final purgl In	AFM JUMPE
7.5	7.6	7.4_ 7.1_
pH (STD)	1,500 -	1800 1200
SPEC. COND.(UMHOS/CM)	1110	10' _1'-
TEMPERATURE (C)		
OTHER (SPECIFY)		
	OMMENTS/CALCULATION	s
40° <	JUN	
WEATHER CONDITIONS 9 C		
SAMPLE APPEARANCE BIACK Gaba		
		DUP TAKEN
Riser cap present (N)		
2: sing serviceable 7 Y N		
Protective casing serviceable N N Surface grout seal functional N N		
Compline device functional?		
Corrective action required? Y(N)	THE THE AND ANALYTICAL HET	HODS ON LABORATORY CUSTODY FORMS.
Corrective action required? Y(N) PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL	L PRESERVATIVES ASSESSED.	
1		DATE /2/10/96
SAMPLER SIGNATURE	asley	
SVIAL CELLOR	U	•



TASSOCIATES S	SAMPLE COLLI	ECTION INFORM	ATION FORM	•
GAI PROJECT NAME TOS	75 97 GWY NY	GAI PROJECT NO.	953-9103	
SAMPLEID. BAT SC	2101017 1811	SOURCE CODES: RIVER	OR STREAM WELL, SOIL	, OTHER (CIRCLE ONE)
	PURGING	INFORMATION (IF APPL	CABLE)	
PURGE DATE (yy/mm/dd) CASING VOL (Gal.) PURGING DEVICE (SEE BELOW)	96,00,15	TIME (24 HR CLOCK) GAL PURGED (Gal.) PURGING DEVICE MATE	12:5	SED HRS
	SAMPLE	E COLLECTION INFORMA	ATION	
SAMPLING DEVICE (SEE BELOW	96/ p 0/115		MATE FILTE COMPOSITE (CIRCLE ON	RED (YM)
SAMPLING DEVICE MATERIAL (A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PE	RISTALTIC PUMP (D) SCOOPISHO	OVEL (E) BALLER (F) OTHER (SPECIFY)		
(A) AIR-LIFT POMP (b) 60	WELL I	NFORMATION (IF APPLIC	CABLE)	
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)	TON	LAND ELEVATION (FT./N WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCHI		·
GW. EZZY	FIELD ME	ASURMENTS (FOUR REF	PLICATES) Mitial Sample F	inal sample
pH (STD) SPEC. COND.(UMHOS/CM TEMPERATURE (C) OTHER (SPECIFY)	100 -100 -100 -100 -100	-7.6 -1100 -80 	7.6 _1100 _8'	75_ /000
Omerco	Co	OMMENTS/CALCULATIO	NS	
CONDITIONS	44° S	υN		
WEATHER CONDITIONS SAMPLE APPEARANCE	Clear	Sulfue Smill		
Lock present? N Riser cap present (V) N Riser pipe serviceable? (Y) N				
Surface grout seal functional? (Y)N				DV FORMS
Corrective action required? Y(N) PLEASE INCLUDE SAMPLE BOTTLE SIZE, BO	OTTLE COLOR BOTTLE MATERIA	PRESERVATIVES AND ANALYTICAL M	ETHOOS ON LABORATORY CUSTO	- 17/10/96
SAMPLER SIGNATURE	Brun E.	nesty	DAT	



A Proposition of	SAMPLE COLL	EC 11014 1141 91 1141	•		- '
AI PROJECT NAME TOS		GAI PROJECT NO.	953-91		
BAT92	3021961016	SOURCE CODES: RIVER	OR STREAM WEL	LISOIL, OTHER (CIF	RCLE ONE
AMPLE ID.		INFORMATION (IF APPL	ICABLE)		
	2 1 /2	TIME (24 HR CLOCK)	1100	ELAPSED HRS.	
URGE DATE (yy/mm/dd)	9610316	GAL PURGED (Gal.)	2.42	0	
word VOL (Gal.)	Z. 83	PURGING DEVICE MATE	FIAL <u>55.</u>	DEDICATED (ON)	
PURGING DEVICE (SEE BELOW)					
	SAMPLE	COLLECTION INFORM	IATION		
	1/2	TIME (24 HR CLOCK)	1125		HZO
	9610316			FILTERED (YM)	
ALLER ING DEVICE (SEE BELOW	<u>~~</u>	SAMPLE TYPE - GRAB	COMPOSITE (CIRC	CLE ONE)	
SAMPLING DEVICE MATERIAL					
SAMPLING DEVICE MATERIAL A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PE	RISTALTIC PUMP (D) SCOOPISHO	VEL (E) BAILER (F) OTHER (SI COM T)			
A) AIR-UP! FOM! (-) 3-2 -	WELL I	VFORMATION (IF APPLI	CABLE)		
	TOR	LAND ELEVATION (FT./	MSL) _==		
REFERENCE POINT	<u></u>	WELL DEPTH (FT.)	5_	$\leq \mathcal{L}$	
INCE OT FLEV.(FT. MSL)	19.58	STICKUP (FT.)		05	
DEPTH TO WATER (REF. PT.)		WELL DIAMETER (INCH	(ES)	<u> </u>	
GW. ELEV.(FT. MSL.)		<u> </u>	<u> </u>		
	FIFI D MEA	ASURMENTS (FOUR RE	PLICATES)	re Final SAM	11-2
	Twitial pural	Final Jungl 7	- MFMI STORE	79	7
	7.6	8.7	<u>-8.5</u> -		-
pH (STD)		800	500_	700_	- '
SPEC. COND.(UMHOS/CM	_700		15°	12°	
SPEC. COMB.(OMITE ST	120	12			-
TEMPERATURE (C)					_
OTHER (SPECIFY)	6	DMMENTS/CALCULATION	NS		
THE CONDITIONS	670	<u> </u>			
WEATHER CONDITIONS	CLEAR.	Sulfia Soull			
SAMPLE APPEARANCE					
10					
Lock present A Y N					
Riser cap present? (N) Riser pipe serviceable? (N) Riser pipe serviceable? (N)					
- Serviceable II (1)					
a de la grout seal luncuotiai hi o iv					
aling device functional (())					
Corrective action required? Y(N)		TOTAL TOTAL OF AND ANALYTICAL	METHODS ON LABORATOR	Y CUSTODY FORMS.	
Corrective action required? YN PLEASE INCLUDE SAMPLE BOTTLE SIZE, B	OTTLE COLOR, BOTTLE MATERIAL	PRESERVATIVES AND THE		,	1.
PLEASE INCLUDE SAMPLE DO				DATE 12/10	196
2	2.7	John		Unit of	
SAMPLER SIGNATURE	un To	7			



PASSOCIATES SAMPLE CO	OLLECTION INFORMATION FORM
1	GAI PROJECT NO. 953-9103
BAT 9303 196101	
	IGING INFORMATION (IF APPLICABLE)
PURGE DATE (yy/mm/dd) CASING VOL (Gal.) PURGING DEVICE (SEE BELOW)	TIME (24 HR CLOCK) GAL PURGED (Gal.) PURGING DEVICE MATERIAL PE DEDICATED (N)
PURGING DEVICE (SEE SEE	AMPLE COLLECTION INFORMATION
SAMPLING DATE (yy/mm/dd) SAMPLING DEVICE (SEE BELOW SAMPLING DEVICE MATERIAL	SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)
CO PERISTALTIC PUMP (U) SA	COOPISHOVEL (E) BAILER (F) OTHER (SPECIFY) VELL INFORMATION (IF APPLICABLE)
REFERENCE POINT REF. PT. ELEV.(FT. MSL.) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)	WELL DIAMETER (INCHES)
pH (STD) SPEC. COND.(UMHOS/CM) TEMPERATURE (C) FIEL 7.00 16.00	LD MEASURMENTS (FOUR REPLICATES) AD FINAL PURSE TANKE! SAMPLE FINAL SAMPLE - 1000
OTHER (SPECIFY) — — —	COMMENTS/CALCULATIONS
59*	
SAMPLE APPEARANCE C/eAL	2007
Lock present VN Riser cap present VN Riser pipe serviceable? YN	
Surface grout seal functional?	E MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.
PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE	DATE 12/10/96
SAMPLER SIGNATURE	2 Castry



	105 19	5 97 GWY NY	GAI PROJECT NO.	953-91	<u>c_3</u>
AI PROJECT NAME		021 961015	SOURCE CODES: RIVE	R OR STREAM (WEL	SOIL, OTHER (CIRCLE OF
AMPLE 10.			INFORMATION (IF APP	PLICABLE)	
		PURGING	INFOHMATION (II A		
		6,00.15	TIME (24 HR CLOCK)	1320	ELAPSED HRS.
URGE DATE (yy/mm/	/dd) _	101401-7	GAL PURGED (Gal.)	16-C	DEDICATED (ON)
MONEYOL (Gal.)		_1:1- 	PURGING DEVICE MAT	TERIAL	DEDICKTED (DIV)
PURGING DEVICE (SE				MATION	
		SAMPLI	E COLLECTION INFOR	MYLIOIA	
		150 1	TIME (24 HR CLOCK)	1350	MATRIX HZO
SAMPLING DATE (yy/	/mm/dd)	9619015	AMAIN		FILTERED (YIM)
CALIDE ING DEVICE (S	SEE BELOW -	5.5.	SAMPLE TYPE - GRA	BICOMPOSITE (CIRC	LE ONE)
SAMPLING DEVICE M	MATERIAL -				
A) AIR-LIFT PUMP (B) BLACK	CER PUMP (C) PER	ISTALTIC PUMP (D) SCOOPISHO	OVEL (E) BAILER (F) OTHER (SPECE		
C)		WELL II	NFORMATION (IF APPL	ICABLE)	
		TON	LAND ELEVATION (FT	MSL)	7_
REFERENCE POINT			WELL DEPTH (FT.)		4.74
REF. PT. ELEV.(FT. N	MSL) -	9-10-10	STICKUP (FT.)	Z	5
DEPTH TO WATER (HEF. FID		WELL DIAMETER (INC	,nes)	
GW. ELEV.(FT. MSL.	•)			(OATES)	
		FIELD ME	ASURMENTS (FOUR R	Enlicates) Enitial Sampl	le Final Sample
		Initial pural	First Jung	7,9	T_2±_
		7 1	<u> </u>		1
OH (STD)				LUISO	
pH (STD)	and CS/CM)	1500_	1400	<u> 1400 </u>	<u> </u>
	(UMHOS/CM).		11- 1400-	<u> </u>	
SPEC. COND.			-71- 1400-	<u> </u>	
SPEC. COND.	RE (C)		 -71 -4cc		
SPEC. COND.	RE (C)		1400 -11 		
SPEC. COND.	RE (C)		1400 11 OMMENTS/CALCULATI		
SPEC. COND. TEMPERATUI	RE (C)		THCC - 11 - 11 - 11 - 11 - 11 - 11 - 11 -	IONS	
SPEC. COND. TEMPERATUI OTHER (SPEC	RE (C)		SUN		
SPEC. COND. TEMPERATUR OTHER (SPEC	RE (C)		SUN	IONS SMEIT	
SPEC. COND. TEMPERATUR OTHER (SPEC WEATHER CONDIT	RE (C)		SUN	IONS	
SPEC. COND. TEMPERATUR OTHER (SPEC WEATHER CONDIT SAMPLE APPEARA	RE (C) CIFY) TIONS		SUN	IONS SMEIT	
SPEC. COND. TEMPERATUR OTHER (SPEC WEATHER CONDIT SAMPLE APPEARA Lock present (N) Riser cap present (N)	TIONS NOCE		SUN	IONS SMEIT	
SPEC. COND. TEMPERATUR OTHER (SPEC WEATHER CONDIT SAMPLE APPEARA Lock present? N Riser cap present? YN Riser pipe serving serving	RE (C) CIFY) TIONS NCE N (Y) N iceable (Y) N		SUN	IONS SMEIT	
SPEC. COND. TEMPERATUR OTHER (SPEC WEATHER CONDIT SAMPLE APPEARA Lock present (N) Riser cap present (N) Riser pipe serviceable (N) Protective casing service	RE (C) CIFY) TIONS NCE N (Y) N iceable [Y] N		SUN	IONS SMEIT	
SPEC. COND. TEMPERATUR OTHER (SPEC WEATHER CONDIT SAMPLE APPEARA Lock present? N Riser cap present? N Riser pipe serviceable? Protective casing serviceable? Surface grout seal functions device functions	FRE (C) FCIFY) FIONS ANCE NOTE NOT		SUN Sulfer	SME II	TAYEN
SPEC. COND. TEMPERATUR OTHER (SPEC WEATHER CONDIT SAMPLE APPEARA Lock present? N Riser cap present? N Riser pipe serviceable? Protective casing serviceable? Surface grout seal functions device functions	FRE (C) FCIFY) FIONS ANCE NOTE NOT		SUN Sulfer	SME II	TAYEN
SPEC. COND. TEMPERATUR OTHER (SPEC WEATHER CONDIT SAMPLE APPEARA Lock present? N Riser cap present? N Riser pipe serviceable? Protective casing serviceable? Surface grout seal functions device functions	FRE (C) FCIFY) FIONS ANCE NOTE NOT		SUN Sulfer	SME II	TAYEN
SPEC. COND. TEMPERATUR OTHER (SPEC WEATHER CONDIT SAMPLE APPEARA Lock present? N Riser cap present? N Riser pipe serviceable? Protective casing serviceable? Surface grout seal functions device functions	FRE (C) FCIFY) FIONS ANCE NOTE NOT		SUN	SME II	TAYEN



		MAIL CT 0 =		
AL PROJECT NAME	TOS 195	97 GLY NY	GAI PROJECT NO.	953-9103
	BATEW	12 961016	SOURCE CODES: RIVE	R OR STREAM WELL, SOIL, OTHER (CIRCLE ONE
AMPLE ID.	ONI D		·	
		PURGING	INFORMATION (IF APP	PLICABLE)
		1 = 1/4	TIME (24 HR CLOCK)	/0/5 ELAPSED HRS.
URGE DATE (yy/mm	/dd) <u>9</u>	6,00,16	CAL PURGED (Gal.)	_=
LANCOUNT (Gall)		wellamp	PURGING DEVICE MAT	TERIAL PC DEDICATED (ON)
PURGING DEVICE (S	EE BELOW) —			
		SAMPL	E COLLECTION INFOR	MATION
				1020 MATRIX #20
	(14) Q	6,00,1/6	TIME (24 HR CLOCK)	FILTERED (YM)
SAMPLING DATE (YY SAMPLING DEVICE (/mm/dd)	well amp	DEDICATED-(VN)	BICOMPOSITE (CIRCLE ONE)
SAMPLING DEVICE (SAMPLING DEVICE I	MATERIAL —	pe		
SAMPLING DEVICE	OCT STIMP (C) PERIS	TALTIC PUMP (D) SCOOPISH	OVEL (E) BAILER (F) OTHER (SPECIF	-1)
A) AIR-LIFT PUMP (B) BLAD	DEN FOMP (O)		NFORMATION (IF APPL	JCABLE)
		WELL	INFORMATION (III III	
		7724	LAND ELEVATION (FT	MSL)
REFERENCE POINT		TOR	WELL DEPTH (FT.)	
loce of FIFV.(FT.	MSL) -	=_;	STICKUP (FT.)	Z .05
DEPTH TO WATER	(REF. PT.) -			2000
			WELL DIAMETER (INC	(MES)
CW FI FV (FT. MSL	<u>.</u> .) –	·_·_	WELL DIAMETER (INC	,HE3)
GW. ELEV.(FT. MSL)			ISBLICATES)
GW. ELEV.(FT. MSL			ASURMENTS (FOUR R	,AE3)
GW. ELEV.(FT. MSL		FIELD ME	ASUBMENTS (FOUR R	EPLICATES) Enting Sample Final Sample 8.1
GW. ELEV.(FT. MSL			ASURMENTS (FOUR R	EPLICATES)
gw. ELEV.(FT. MSL)		ASURMENTS (FOUR R Final pural -8.7 -8.0	EPLICATES) Finitial Sample Final Sample 8.1 _ 8.1 _ 8.00 _ 800
GW. ELEV.(FT. MSL		_ 200_	ASURMENTS (FOUR R	EPLICATES) Eniting Sample Final Sample 8.1 _ 8
pH (STD) SPEC. COND	D.(UMHOS/CM)	- 2. I -	ASURMENTS (FOUR R Final pural -8.7 -8.0	EPLICATES) Finitial Sample Final Sample 8.1 _ 8.1 _ 8.00 _ 800
pH (STD) SPEC. COND TEMPERATU	D.(UMHOS/CM)	_ 200_	ASURMENTS (FOUR R Final pural -8.7 -8.0	EPLICATES) Finitial Sample Final Sample 8.1 _ 8.1 _ 8.00 _ 800
pH (STD) SPEC. COND	D.(UMHOS/CM)	- 2.20 - 2.2- - 2.20 - 13.2- 	ASURMENTS (FOUR R Final Jungl -8.7 -8.7 -8.7 -13° -13°	EPLICATES) Emiting Sample Final Stample 8.1 800 13° 13° 13° 13°
pH (STD) SPEC. COND TEMPERATU	D.(UMHOS/CM)	- 200 - 200 - 13° 	EASURMENTS (FOUR REFINAL PURSE) - 8 - 7	EPLICATES) Emiting Sample Final Stample 8.1 800 13° 13° 13°
pH (STD) SPEC. COND TEMPERATU	D.(UMHOS/CM) URE (C) ECIFY)	- 200 - 200 - 13° 	ASURMENTS (FOUR R Final Jungl -8.7 -8.7 -8.7 -13° -13°	EPLICATES) Emiting Sample Final Stample 8.1 800 13° 13° 13°
pH (STD) SPEC. COND TEMPERATU OTHER (SPE	D.(UMHOS/CM) URE (C) ECIFY)	- 200 - 22 - 200 - 132 	EASURMENTS (FOUR REFINAL PURSE)	EPLICATES) Emit of Sample Final Staple 8.1 800 13° 13° 13°
pH (STD) SPEC. COND TEMPERATU OTHER (SPE	D.(UMHOS/CM) URE (C) ECIFY)	- 200 - 200 - 13° 	EASURMENTS (FOUR REFINAL PURSE) - 8 - 7	EPLICATES) Emiting Sample Final Stample 8.1 800 13° 13° 13°
PH (STD) SPEC. COND TEMPERATU OTHER (SPE	D.(UMHOS/CM) URE (C) ECIFY)	- 200 - 22 - 200 - 132 	EASURMENTS (FOUR REFINAL PURSE)	EPLICATES) Emiting Sample Final Stample 8.1 800 13° 13° 13°
PH (STD) SPEC. COND TEMPERATU OTHER (SPE WEATHER CONDITION SAMPLE APPEAR Lock present (Y)N	D.(UMHOS/CM) JRE (C) ECIFY) TIONS ANCE	- 200 - 22 - 200 - 132 	EASURMENTS (FOUR REFINAL PURSE)	EPLICATES) Emit of Sample Final Staple 8.1 800 13° 13° 13°
pH (STD) SPEC. COND TEMPERATU OTHER (SPE WEATHER CONDITION SAMPLE APPEAR Lock present (Y)N Riser cap present (Y)N	D.(UMHOS/CM) JRE (C) ECIFY) TIONS ANCE	- 200 - 22 - 200 - 132 	EASURMENTS (FOUR REFINAL PURSE)	EPLICATES) Emit of Sample Final Staple 8.1 800 13° 13° 13°
pH (STD) SPEC. COND TEMPERATU OTHER (SPE WEATHER CONDITION SAMPLE APPEAR Lock present YN Riser cap present Sheet Pipe Services Pipe Pipe Pipe Pipe Pipe Pipe Pipe Pipe	D.(UMHOS/CM) JRE (C) ECIFY) TIONS ANCE	- 200 - 22 - 200 - 132 	EASURMENTS (FOUR REFINAL PURSE)	EPLICATES) Emit of Sample Final Staple 8.1 800 13° 13° 13°
pH (STD) SPEC. COND TEMPERATU OTHER (SPE WEATHER CONDITION SAMPLE APPEAR Lock present YN Riser cap present Size pipe services ble Protective casing services ble	D.(UMHOS/CM) JRE (C) ECIFY) TIONS ANCE Proceeding Notional 2000	- 200 - 22 - 200 - 132 	EASURMENTS (FOUR REFINAL PURSE)	EPLICATES) Emit of Sample Final Staple 8.1 800 13° 13° 13°
pH (STD) SPEC. COND TEMPERATU OTHER (SPE WEATHER CONDITION SAMPLE APPEAR Lock present YN Riser cap present Riser pipe serviceable Protective casing serviceable Surface grout seal fur	O.(UMHOS/CM) JRE (C) ECIFY) TIONS ANCE Noticeable 7	Toutial pung - 2. 1 - 200 - 132	EASURMENTS (FOUR REFINITION FINITION FOR SMILL SMILL)	EPLICATES) Emiting Sample Final Staple 8.1 800 800 800 13° 13° 13° 1000 1000 1000 1000 1000
pH (STD) SPEC. COND TEMPERATU OTHER (SPE WEATHER CONDITION SAMPLE APPEAR Lock present YN Riser cap present Riser pipe serviceable Protective casing serviceable Surface grout seal fur	O.(UMHOS/CM) JRE (C) ECIFY) TIONS ANCE Noticeable 7	Toutial pung - 2. 1 - 200 - 132	EASURMENTS (FOUR REFINITION FINITION FOR SMILL SMILL)	EPLICATES) Final Sample Final Sample 8.1 8.1 800 13° 13° TONS
pH (STD) SPEC. COND TEMPERATU OTHER (SPE WEATHER CONDITION SAMPLE APPEAR Lock present YN Riser cap present Riser pipe serviceable Protective casing serviceable Surface grout seal fur	O.(UMHOS/CM) JRE (C) ECIFY) TIONS ANCE Noticeable 7	Toutial pung - 2. 1 - 200 - 132	EASURMENTS (FOUR REFINITION FINITION FOR SMILL SMILL)	EPLICATES) Emit of Sample Final Sample 8.1 8.1 8.0 13° 13° 13° 13°



SA	MPLL OCEL			
N PROJECT NAME TOS 195	97 GWY NY	GAI PROJECT NO.	953-91	-
AMPLEID. BATEW	3961016	SOURCE CODES: RIVER	OR STREAM WEL	L. SOIL, OTHER (CIRCLE ONE)
MAPLE ID.	PURGING	INFORMATION (IF APPL	ICABLE)	
9	6/00/116	TIME (24 HR CLOCK)	6005	ELAPSED HRS.
URGE DATE (yy/mm/dd) ASING VOL (Gal.) URGING DEVICE (SEE BELOW)		GAL PURGED (Gal.) PURGING DEVICE MATE	RIAL PE	DEDICATED (ON)
URGING DEVICE (CEE 5	SAMPLE	COLLECTION INFORM	ATION	
AMPLING DEVICE (SEE BELOW	6,60,116 Well pump	TIME (24 HR CLOCK) DEDICATED (YN) SAMPLE TYPE - GRABI	<i></i>	MATRIX <u>HzO</u> FILTERED (YM) CLE ONE)
AMPLING DEVICE MATERIAL AMPLIFT PUMP (8) BLADDER PUMP (C) PERIST	ALTIC PUMP (D) SCOOPISHO			
A) AIR-LIFT PUMP (B) BLADCER PUMP (C) PEHIST	WELL I	VFORMATION (IF APPLIC	CABLE)	
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)	TON	LAND ELEVATION (FT./N WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCH		
GW. ELEV.(11.11.00)	FIELD ME	ASURMENTS (FOUR REI	PLICATES)	1e Final sample
	whiat pung.	Finil Jung 7	7.9_	_7.9_
pH (STD)	900_	900	900	900_
SPEC. COND.(UMHOS/CM)	140	14.	/ <u>/</u> _	140
TEMPERATURE (C)			_=	
OTHER (SPECIFY)		DMMENTS/CALCULATIO	NS	
		SUN		
WEATHER CONDITIONS	CLER	SULFIDE SME)/	
SAMPLE APPEARANCE	/			
Lock present YN				
Riser cap present? N Riser pipe serviceable? N				
Protective casing serviceable 7 N				
Compling device functional?				
Corrective action required? Y N		COCCEDIATIVES AND ANALYTICAL M	ETHOOS ON LABORATOR	TY CUSTODY FORMS.
Corrective action required? Y N PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTL				DATE /2/10/96
SAMPLER SIGNATURE	m E (isty		UNIC 14 17



N INFORMATION FORM

ASSOCIATES	SAMPLE COLL	ECTION INFORM	IATION FORM
AI PROJECT NAME TOS		GAI PROJECT NO.	953-9103
BAT	EW 4961016	SOURCE CODES: RIVE	R OR STREAM WELL, SOIL, OTHER (CIRCLE ON
AMPLEID.		INFORMATION (IF APP	LICABLE)
PURGE DATE (yy/mm/dd) CASING VOL (Gal.) PURGING DEVICE (SEE BELO)	96,00,116 	TIME (24 HR CLOCK) GAL PURGED (Gal.) PURGING DEVICE MAT	ERIAL PE DEDICATED (N)
OHGING DEVICE (OLL)	SAMPLE	E COLLECTION INFORM	NOITAN
SAMPUNG DATE (yy/mm/dd) SAMPUNG DEVICE (SEE BELC SAMPLING DEVICE MATERIAI	ow well sump pe		MATRIX HZO FILTERED (YM) ACCOMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MATERIAL (A) AIR-LIFT PUMP (B) BLAGGER PUMP (c) peristaltic pump (D) scoop/s/k	OVEL (E) BAILER (F) OTHER (SPECIF)	,
A	WELL I	NFORMATION (IF APPL	ICABLE)
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)		LAND ELEVATION (FT. WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INC.	HES)Z
	FIELD ME	ASURMENTS (FOUR RE	7.5 7.5
pH (STD) SPEC. COND.(UMHOS	800		<u>\langle \cdot \cd</u>
TEMPERATURE (C) OTHER (SPECIFY)		_=	
	C	OMMENTS/CALCULATI	ons
WEATHER CONDITIONS	(050	SUN	
SAMPLE APPEARANCE	CLEAR,	ou) Fine Soul)	
Lock present? N Riser cap present?			
Riser pipe serviceable? () N	N		
The second cost hincular I V)·\ <u></u>		
a line device functional			
Corrective action required: Y	C SOTTI S MATERIA	L PRESERVATIVES AND ANALYTICAL	METHODS ON LABORATORY CUSTODY FORMS.
PLEASE INCLUDE SAMPLE BOTTLE S	ZE BOTTLE COLOR BOTTLE		METHODS ON LABORATORY CUSTODY FORMS. DATE 12/11/96
SAMPLER SIGNATURE	Dun E	(noty)	



SAMPLE COLLECTION INFORMATION FOR SAMPLE ID. SAMPLE ID. SAMPLE COLLECTION INFORMATION FOR STREAM (W. SAMPLE ID. PURGING INFORMATION (IF APPLICABLE) PURGE DATE (W/mm/dd) CASING VOL.(Gal.) PURGING DEVICE (SEE BELOW) SAMPLE COLLECTION INFORMATION SAMPLE COLLECTION INFORMATION SAMPLE COLLECTION INFORMATION SAMPLE COLLECTION INFORMATION	VELL SOIL, OTHER (CIRCLE ON
PURGE DATE (yy/mm/dd) PURGING INFORMATION (IF APPLICABLE) PURGE DATE (yy/mm/dd) PURGING VOL (Gal.) PURGING DEVICE (SEE BELOW) PURGING DEVICE (SEE BELOW) SAMPLE COLLECTION INFORMATION PURGING DEVICE (24 HR CLOCK) SAMPLE COLLECTION INFORMATION	ELAPSED HRS.
PURGING INFORMATION (IF APPLICABLE) PURGE DATE (yy/mm/dd) PURGE DATE (yy/mm/dd) CASING VOL(Gal.) PURGING DEVICE (SEE BELOW) SAMPLE COLLECTION INFORMATION O (a 1 # 10 1 1 1/6 TIME (24 HR CLOCK) O 9 5 6 SAMPLE COLLECTION INFORMATION	
PURGE DATE (yy/mm/dd) Q 6 0 0 0 1/6 GAL PURGED (Gal.) PURGING DEVICE (SEE BELOW) SAMPLE COLLECTION INFORMATION O 6 0 0 1/6 TIME (24 HR CLOCK) O 95 0 SAMPLE COLLECTION INFORMATION	
PURGE DATE (yy/mm/dd) CASING VOL(Gal.) PURGING DEVICE (SEE BELOW) SAMPLE COLLECTION INFORMATION O (a 1 # 10 1 1 1/6 TIME (24 HR CLOCK) O 755	
PURGING DEVICE (SEE BELOW) SAMPLE COLLECTION INFORMATION O (a 1 th (2) 1 1/6 TIME (24 HR CLOCK) O 7 5 5	DEDICATED (V/N)
SAMPLE COLLECTION INFORMATION O (C) # 70 1 (G) TIME (24 HR CLOCK) 0 9 5 5	
0 (a 1 th ft 1 1 / W TIME (24 HIT COOK)	
	MATRIX H20 FILTERED (YM)
SAMPLING DATE (yy/mm/dd) SAMPLING DEVICE (SEE BELOW SIZE I DUM P SAMPLE TYPE - GRABICOMPOSITE (C	CIRCLE ONE)
SAMPLING DEVICE MATERIAL SAMPLE TYPE - GROUND GOMESTONE SAMP	
C) OF ACCEPT PUMP (C) PERISTALTIC PUMP (U) SCOOP STITE (C)	
WELL INFORMATION (IF APPLICABLE)	
TON LAND ELEVATION (FT.MSL)	
REFERENCE POINT WELL DEPTH (PT.)	_·
REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) STICKUP (FT.) WELL DIAMETER (INCHES)	2.03
GW. ELEV.(FT. MSL.)	
CATESI	
Carl Tameral	mple Final sample
Trustial Burne From Parage 7.7	- 1100
pH (STD) 1100 1100	1 <u>1</u> 1
SPEC. COND.(UMHOS/CM)	
TEMPERATURE (C)	
OTHER (SPECIFY)	
COMMENTS/CALCULATIONS	
650 SUN	
WEATHER CONDITIONS	
SAMPLE APPEARANCE CLEAK, SUITING STEEL	
Riser cap present N N	
at a size control bill ? (Y) N	
Protective casing serviceable Y N Surface grout seal functional Y N	
Corrective action required? Y(N)	MTORY CUSTODY FORMS.
CHATERIAL PRESERVATIVES	1 1
THE EASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MALLE MALLE	\alpha 1 \alpha 101
Sampling device functional Street (N) Corrective action required? Y(N) PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABOR	DATE \$2/16/74
SAMPLER SIGNATURE	DATE 12/19/7-6



PURGING DEVICE (SEE BELOW) SAMPLE COLLECTION INFORMATION SAMPLING DATE (yy/mm/dd) SAMPLING DEVICE (SEE BELOW) SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE) WELL INFORMATION (IF APPLICABLE) REFERENCE POINT WELL DEPTH (FT.) STICKUP (FT.)	S	AMPLE COLLE	2011011	,	
PURGING INFORMATION (IF APPLICABLE) FURGING OFFICE (SEE BELOW) PURGING DEVICE (SEE BELOW) SAMPLE COLLECTION INFORMATION SAMPLING DATE (Ty/mm/dd) SAMPLING DATE (Ty/mm/dd) SAMPLING DATE (Ty/mm/dd) SAMPLING DEVICE (SEE BELOW) SAMPLE TYPE - GRAF/COMPOSITE (CIRCLE ONE) SAMPLET PULP (S) BLADDER PULLP (C) PERISTALTIC PULLP (S) SCOOP/SHOVEL (S) BULLER (F) OTHER (SPECPY) WELL INFORMATION (IF APPLICABLE) FIELD MEASURMENTS (FOUR REPLICATES) FOUR PROPERTY (F) FOUR PROPERTY (F) FIELD MEASURMENTS (FOUR REPLICATES) FOUR PROPERTY (F) FIELD MEASURMENTS (FOUR REPLICATES) FOUR PROPERTY (F) FIELD MEASURMENTS (FOUR REPLICATES) FOUR PROPERTY (F) FOUR PROPERTY (F) FIELD MEASURMENTS (FOUR REPLICATES) FOUR PROPERTY (F) FOUR PROPERTY (F) FIELD MEASURMENTS (NAME TOS 19	5 97 GLY NY			
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URGE DATE (yymm/dd) ASING VOL (Gal.) URGING DEVICE (SEE BELOW) SAMPLE COLLECTION INFORMATION SAMPLING DATE (yymm/dd) SAMPLING DEVICE (SEE BELOW) SAMPLE TYPE - GRASICOMPOSITE (CIRCLE ONE) WELL INFORMATION (IF APPLICABLE) WELL INFORMATION (IFT APPLICABLE) WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCHES) FINIT SAMPLE FINIT SAMPLE FINIT SAMPLE PH (STD) SPEC. COND. (UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) COMMENTS/CALCULATIONS WEATHER CONDITIONS WEATHER CONDITIONS	AMPLE IU.		INFORMATION (IF APPI	LICABLE)	
GAL PURGED (Gal.) GAL PURGED (Gal.) GAL PURGED (Gal.) PURGING DEVICE (SEE BELOW) SAMPLE COLLECTION INFORMATION SAMPLING DATE (yy/mm/dd) SAMPLING DATE (yy/mm/dd) SAMPLING DEVICE (SEE BELOW) SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE) SAMPLET PUMP (8) BLADDER PUMP (C) PERISTALTIC PUMP (6) SOCOPISHOVEL (R) BALER (P) OTHER (SPECPY) WELL INFORMATION (IF APPLICABLE) REFERENCE POINT REF. PT. ELEV.(FT. MSL.) DEDICATED (PN) SAMPLETYPE - GRAB/COMPOSITE (CIRCLE ONE) WELL INFORMATION (IF APPLICABLE) FIELD MEASURMENTON (FT./MSL.) FIELD MEASURMENTS (FOUR REPLICATES) FOUR MEASURM		1 40.116	TIME (24 HR CLOCK)	0935 ELAPSED HRS.	=-
SAMPLE COLLECTION INFORMATION SAMPLING DATE (sy/mm/dd) SAMPLING DEVICE (SEE BELOW SAMPLING DEVICE (SEE BELOW SAMPLING DEVICE (SEE BELOW SAMPLE TYPE - GRAP/COMPOSITE (CIRCLE ONE) SAMPLE TYPE - GRA	URGE DATE Gymmes,		GAL PURGED (Gal.)	FRIAL PE DEDICATED (ON)	
SAMPLING DATE (yy/mir/dd) SAMPLING DEVICE (SEE BELOW DEDICATED ON) SAMPLING DEVICE (SEE BELOW DEDICATED ON) SAMPLETYPE - GRAB/COMPOSITE (CIRCLE ONE) SAMPLETYPE - GRAB/COMPOSITE (CIRCLE ONE) WELL INFORMATION (IF APPLICABLE) REFERENCE POINT REF. PT. ELEV. (FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV. (FT. MSL) PH (STD) SPEC. COND. (UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS WEATHER CONDITIONS TIME (24 HR CLOCK) TIME (24 HR CLOCK) TIME (24 HR CLOCK) PH (STD) SAMPLETYPE - GRAB/COMPOSITE (CIRCLE ONE) SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE) SAMPLETYPE - GRAB/COMPOSITE (CIRCLE ONE) SAMPLETYPE - GRAB/COMPOSITE (CIRCLE ONE) SAMPLETYPE - GRAB/COMPOSITE (CIRCLE ONE) WELL INFORMATION (IF APPLICABLE) WELL DEPTH (FT.) STICKUP (FT.) WELL DEPTH (FT.) WELL DEPTH (FT.) WELL DEPTH (FT.) WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCHES) TO STICKUP (FT.) WELL DIAMETER (INCHES) TO STICKUP (FT.) WELL DIAMETER (INCHES) TO STICKUP (FT.) WELL DEPTH (FT.) TO STICKUP (FT.) WELL DEPTH (FT.) TO STICKUP (FT.) WELL DEPTH (FT.) STICKUP (FT.) WELL DEPTH (FT.) WELL DEPTH (FT.) TO STICKUP (FT.) WELL DEPTH (FT.) STICKUP (FT.) WELL DEPTH (FT.) STICKUP (FT.) WELL DEPTH (FT.) TO STICKUP (FT.) WELL DEPTH (FT.) STICKUP (FT.) WELL DEPTH (FT.) STICKUP (FT.) WELL DEPTH (FT.) TO STICKUP (FT.) TO STICKUP (FT.) WELL DEPTH (FT.) TO STICKUP (FT.) TO STICKUP (FT.) TO STICKUP (FT.) TO STICKUP (FT.) WELL DEPTH (FT.) TO STICKUP	URGING DEVICE (SEE BELOW)		COLLECTION INFORM	MATION	
TIME (24 HR CLOCK) DEDICATED (YIM) SAMPLING DEVICE (SEE BELOW DEDICATED (N) SAMPLING DEVICE (SEE BELOW DEDICATED (N) SAMPLING DEVICE MATERIAL A) ARLIFT PUMP (6) BLACCER PUMP (C) PERISTALTIC PUMP (0) SCOOPISHOVEL (6) BALER (F) OTHER (SPECFY) WELL INFORMATION (IF APPLICABLE) REFERENCE POINT REF. PT. ELEV. (FT. MSL.) DEPTH TO WATER (REF. PT.) GW. ELEV. (FT. MSL.) PH (STD) SPEC. COND. (UMHOS/CM) SPEC. COND. (UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS TIME (24 HR CLOCK) DEDICATED (N) DEDICATED (N) SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE) SAMPLE TYPE		97 <u>-</u>			_
REFERENCE POINT REF. PT. ELEV.(FT. MSL.) OPEN TO WELL DEPTH (FT.) WELL DEPTH (FT.) WELL DAMETER (INCHES) FIELD MEASURMENTS (FOUR REPLICATES) FIELD MEASURMENTS (FOUR REPLICATES) PH (STD) SPEC. COND.(UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS WEATHER CONDITIONS	SAMPLING DEVICE (SEE BELOW _	9 6 1 0 0 1 6 well pump	ANAIN	FILTERED (YM)	<u></u>
WELL INFORMATION (IF APPLICABLE) WELL INFORMATION (IF APPLICABLE) WELL INFORMATION (IF APPLICABLE) WELL INFORMATION (IF APPLICABLE) WELL DEPTH (FT.) WELL DEPTH (INCHES) Z. 2. FIELD MEASURMENTS (FOUR REPLICATES) FINAL FINAL FINAL FINAL FINAL FINAL SAMPLE FINAL SAMPLE FINAL FINAL SAMPLE FINAL SAMPLE FINAL	SAMPLING DEVICE MATERIAL	<u></u>			
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL) FIELD MEASURMENTS (FOUR REPLICATES) FIELD MEASURMENTS (FOUR REPLICATES) FINIL JURY FINIL JURY PH (STD) SPEC. COND.(UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) WELL INFORMATION (IF APPLICACE) WELL DIAMETER (INCHES) TON WELL DIAMETER (INCHES) FINIL JURY FOR JURY COMMENTS/CALCULATIONS WEATHER CONDITIONS	TO HER ON BLADDER PUMP (C) PER	IISTALTIC PUMP (D) SCOOPISHO	VEL (E) BAILER (F) OTHER (SPECIF)	,	
REFERENCE POINT REF. PT. ELEV.(FT. MSL.) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.) FIELD MEASURMENTS (FOUR REPLICATES) FIELD MEASURMENTS (FOUR REPLICATES) FINAL GUARD FINAL GUAR	A) AIR-LIFT PUMP (a) CO-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-	WELL IN	NFORMATION (IF APPLI	CABLE)	
FIELD MEASURMENTS (FOUR REPLICATES) FINAL BANDLE FINAL SAMPLE FINAL SAMPLE FINAL SAMPLE PH (STD) SPEC. COND.(UMHOS/CM) SPEC. COND.(UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) COMMENTS/CALCULATIONS WEATHER CONDITIONS FINAL PARKS FOUR REPLICATES) FINAL SAMPLE FINAL SAMPLE FINAL SAMPLE FINAL SAMPLE FINAL SAMPLE FINAL SAMPLE FINAL SAMPLE FINAL SAMPLE COMMENTS/CALCULATIONS WEATHER CONDITIONS	REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.)		WELL DEPTH (FT.) STICKUP (FT.)		
PH (STD) SPEC. COND. (UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) WEATHER CONDITIONS FINIT Parage Takes 3	GW. ELEV.(I 1. IIIOL)	FIELD ME	ASURMENTS (FOUR RE	PLICATES)	2
PH (STD) SPEC. COND.(UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) COMMENTS/CALCULATIONS WEATHER CONDITIONS SPEC. COND.(UMHOS/CM) 700 700 700 700 700 700 700 7			Final Jung	MFM -	
SPEC. COND.(UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) COMMENTS/CALCULATIONS WEATHER CONDITIONS SYSTEM SPEC. COND.(UMHOS/CM) 12° 12° 12° 12° 12° 12° 12° 12		8.2.	_8.3		
SPEC. COND. (UMHOS/CM) TEMPERATURE (C) OTHER (SPECIFY) COMMENTS/CALCULATIONS WEATHER CONDITIONS S/Size Size)	•	760	<u> 700</u>		
TEMPERATURE (C) OTHER (SPECIFY) COMMENTS/CALCULATIONS WEATHER CONDITIONS S/Size Size)	SPEC. COND.(UMHOS/CM)		je"		
OTHER (SPECIFY) COMMENTS/CALCULATIONS WEATHER CONDITIONS S/Sing Sing)	TEMPERATURE (C)	_/			
WEATHER CONDITIONS COMMENTS/CALCULATIONS SAN SAN					
WEATHER CONDITIONS (55° SW)	OTHER (SPECIFY)	C	OMMENTS/CALCULATION	SNC	
WEATHER CONDITIONS S/Cipe S/Q)			Cal		
$\leq /\Gamma_{\rm right} \leq /\Gamma_{\rm right} = 2/(2)$	WEATHER CONDITIONS	65	- S/N		
SAMPLE APPEARANCE (1990)		- roland	S/fine Sne)		
	SAMPLE APPEARANCE				
	at the procedit 79 N				
Lock present (V) N Riser cap present (V) N	- condeanle?/ M N				
Riser cap present (9) N	con serviceauten I/ IV				
Riser cap present (9) N Riser pipe serviceable? (1) N	ti- a davice functional				
Riser cap present N N Riser pipe serviceable? N N Protective casing serviceable? N Surface grout seal functional? N Surface grout seal functional? N	Corrective action required? YN	-		STORE ON LABORATORY CUSTODY FORMS.	
Riser cap present N N Riser pipe serviceable? N N Protective casing serviceable? N Surface grout seal functional? N Surface grout seal functional? N	Confecult	THE COLOR BOTTLE MATERIAL	L PRESERVATIVES AND ANALYTICAL	METHORS ON CAROLANT ST.	
Riser cap present N N Riser pipe serviceable? N N Protective casing serviceable? N Surface grout seal functional? N Surface grout seal functional? N	PLEASE INCLUDE SAMPLE BOTTLE SIZE, BC	0		DATE 12/10/96	
Riser pipe serviceable? N Riser pipe serviceable? N Protective casing serviceable? N Surface grout seal functional? N Sampling device functional? N Corrective action required? Y PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS.	· · · · · /	Sum Eli	2724		
Riser pipe serviceable? N Riser pipe serviceable? N Protective casing serviceable? N Surface grout seal functional? N Sampling device functional? N Corrective action required? Y PREASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS. DATE 12/10/96	SAMPLER SIGNATURE	//	1	•	



	O ,	•• –	• •	
AL PROJECT NAME	TOS 195 97	GWY NY	GAI PROJECT NO.	953-9103
AMPLEID.	BATEWT		SOURCE CODES: RIVER	OR STREAM WELL, SQIL, OTHER (CIRCLE
AMPLE IU.		PURGING	INFORMATION (IF APPLI	CABLE)
	96	103/18	TIME (24 HR CLOCK)	ELAPSED HRS.
URGE DATE (vy/mm/ :ASING VOL.(Gal.) :URGING DEVICE (SE	;	M pump	GAL PURGED (Gal.) PURGING DEVICE MATER	RIAL NAPE DEDICATED (ON)
- Ondive o		SAMPL	E COLLECTION INFORMA	ATION
SAMPLING DATE (5)	SEE BELOW W	PINDELLE BUND BUND BUND		MATRIX HZ C FILTERED (YM) COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE M	ATEHIAL	TIC PUMP (D) SCOOPISH	OVEL (E) BAILER (F) OTHER (SPECIFY)	
A) AR-LIFT PUMP (B) BLAUL	JEAN COM	WELL	NFORMATION (IF APPLIC	ABLE)
REFERENCE POINT REF. PT. ELEV.(FT. N DEPTH TO WATER (F GW. ELEV.(FT. MSL.)	MSL) —— REF. PT.) ——	======================================	LAND ELEVATION (FT./M WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCHE	(S)
	Tall		ASURMENTS (FOUR REF Final Juryl I	nitial Sample Final Sample
pH (STD)		- 8.0 -		900
	(UMHOS/CM)	<u>900</u>		
TEMPERATUR	i			
OTHER (SPEC	CIFY)			
		c	OMMENTS/CALCULATION	1 S
WEATHER CONDITI	ions	60° So)N	
SAMPLE APPEARAL		UPA, SU	16 or Smell	
Lock present? YN Riser cap present? N	L			
Riser pipe serviceable?	eable (Y)N			
The second seal fund	יי עומוסוו:			
Sampling device function	onal (() iv			·
Corrective action requir		OF SETTING	L PRESERVATIVES AND ANALYTICAL ME	THOOS ON LABORATORY CUSTODY FORMS.
PLEASE INCLUDE SAMPLE	BOTTLE SIZE, BOTTLE C	OLOR BOTTLE MAI CHA		THOOS ON LABORATORY CUSTODY FORMS.
	(d)	66	nostre	DATE 14 16/ 15
CAMPLER SIGNAT	URE	Some To the		



5	MINIPLE COLL			• *
AI PROJECT NAME TOS	75-97 GWY NY	GAI PROJECT NO.	953-91	
AMPLEID. BATE	N 2961018	SOURCE CODES: RIV	ER OR STREAM WEL	L, SOIL, OTHER (CIRCLE ON
AMPLE IO.	PURGING!	NFORMATION (IF AP	PLICABLE)	
PURGE DATE (yy/mm/dd)	9610\$118	TIME (24 HR CLOCK) GAL PURGED (Gal.)		ELAPSED HRS.
CASING VOL.(Gal.) PURGING DEVICE (SEE BELOW)	wen pump	PURGING DEVICE MA		DEDICATED (ON)
	SAMPLE	COLLECTION INFOR	RMATION	
SAMPLING DATE OFFICE (SEE BELOW	4 6 10 \$ 1 8 well pump	TIME (24 HR CLOCK) DEDICATED (YN) SAMPLE TYPE - GR		MATRIX <u>HzO</u> FILTERED (YM) CLE ONE)
SAMPLING DEVICE MATERIAL (A) AIR-LIFT PUMP (B) SLADDER PUMP (C) PEF	TO PUMP (D) SCOOPISHO	VEL (E) BAILER (F) OTHER (SPEC	EY)	
(A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PER	WELL IN	IFORMATION (IF APP	LICABLE)	
	7721	LAND ELEVATION (F	T.MSL)	
REFERENCE POINT	TON	WELL DEPTH (FT.)		_
DEE PT FLEV.(FT. MSL)		STICKUP (FT.)		
DEPTH TO WATER (REF. P1.)		WELL DIAMETER (IN	CHES)	
GW. ELEV.(FT. MSL.)				
	FIELD ME	SURMENTS (FOUR F	REPLICATES)	le Final Sample
	Initial Burne	Final pural	ZMFAI ZMP	77
	7.9			0.00
pH (STD)	900_	_		900
SPEC. COND.(UMHOS/CM)				16
) 7°			
TEMPERATURE (C)				
OTHER (SPECIFY)				
Omerce	CC	DMMENTS/CALCULAT	RNOF	
WEATHER CONDITIONS	60° SUN			
SAMPLE APPEARANCE	CLAM, SULVU	1 s/hell		
^				
Lock present? (YN Riser cap present? (YN				
Time conficeable? / Y/N				
The mains serviceable (The				
a dean group spal functional 1/17 1				
Campling device functional (1)			•	
Corrective action required? YN PLEASE INCLUDE SAMPLE BOTTLE SIZE, BC		PRESERVATIVES AND ANALYTIC	al methods on laborator	Y CUSTODY FORMS.
DI EASE INCLUDE SAMPLE BOTTLE SIZE, BO	TTLE COLOR BOTTLE MATERIAL			, 1 .
r Constitution of the cons	_	~		DATE 12/10/96
,	12 5	John		
SAMPLER SIGNATURE	1 laces			



	C/ !!!!!		•
ON DECT NAME	TOS 95 97 GWY NY	GAI PROJECT NO.	953-9103
SAMPLE ID.	BAT DW9 961018	SOURCE CODES: RIVER	OR STREAM WELL, SOIL, OTHER (CIRCLE ONE)
SAMPLE IU.		G INFORMATION (IF APPL	ICABLE)
	, 5		
	1d) 96/10\$/18	TIME (24 HR CLOCK)	ELAPSED HRS
PURGE DATE (yy/mm/d	Id) 4 6 10 4 1 8	GAL PURGED (Gal.)	
CASING VOL(Gal.)		PURGING DEVICE MATE	FIAL HOPE DEDICATED (ON)
PURGING DEVICE (SE	EBELOW well pump		
	SAMP	LE COLLECTION INFORM	ATION
			MATRIX HZO
	nm/dd) 96/08/18	TIME (24 HR CLOCK)	FILTERED (YM)
SAMPLING DATE (YY/IT		DEDICATED (YN)	COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE (S	WODE		
SAMPLING DEVICE M.	ER PUMP (C) PERISTALTIC PUMP (D) SCOOPIS	HOVEL (E) BAILER (F) OTHER (SPECIFY)	
(A) AIR-LIFT PUMP (B) BLADOR	ER PUMP (C) PERISTALTIC FOME (S)		
	WELL	INFORMATION (IF APPLIC	CABLE)
	7724	LAND ELEVATION (FT./N	MSL)
REFERENCE POINT	TOR	WELL DEPTH (FT.)	
DES OT FLEV.(FT. M	st)	STICKUP (FT.)	
DEPTH TO WATER (R	EF. PT.) ————·——	WELL DIAMETER (INCH	ES)
GW. ELEV.(FT. MSL.)			
		EASURMENTS (FOUR REP	PLICATES)
		EASURMENTS (1 0011 1 2	nitial Sample Final Sample
	Trubial BURAL	Final Jungle I	7.7_
	<u> 8.0°</u>	_ \	1000
pH (STD)	1100	1000_	
SPEC. COND.(IMHOS/CM)		130
1 .	1 13		
TEMPERATUR	E(C) ————		
OTHER (SPEC		COMMENTS/CALCULATIO	NS
		_	
WEATHER CONDITION	ons 58°	SN	
WEATHER CONSTITUTE		Sulfur Smell	
SAMPLE APPEARAN	ICE CLAR,		
SAW			
Lock present? YN			
Diese can present & No	X		
and conficeable?	M N A		
The moing service	eadle 4 M M		
Surface grout seal function	nal 2 Y N		
Sampling device function Corrective action require	ed? x(N)		
Corrective action require	1,4	DOESERVATIVES AND ANALYTICAL H	ETHOOS ON LABORATORY CUSTODY FORMS.
THE PARTY INC SAMPLE	BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATER	AL, FRESCHANING	ETHOOS ON LABORATORY CUSTODY FORMS.
PLEASE INCLUDE STAFFOR		_	DATE 12/16/96
	2 (1	\sim \sim \sim	DATE JOI 19 10
CAMPLER SIGNATU	IRE O) sus Elo		



		<i>,</i> ,,,,,,	, -				
AI PROJECT NAME	705 J9	5 97 Ghiy	NY	GAI PROJECT NO.	953-91		
AMPLEID.	BATDW	01096016	18	SOURCE CODES: RIV	ER OR STREAM (WEL	L, SOIL, OTHER (CIRCLE	ONE)
AMI CE IO.				NFORMATION (IF A	PPLICABLE)	·	
			18	TIME (24 HR CLOCK)		ELAPSED HRS.	
URGE DATE (yy/mm/	· -	Well a		GAL. PURGED (Gal.) PURGING DEVICE M.	ATERIAL Hope	DEDICATED (ON)	
PURGING DEVICE (SE	E BELOW) _			COLLECTION INFO			
			SAMPLE				
SAMPLING DATE (59/10 SAMPLING DEVICE (5	SEE BELOW _	9 6 10 \$ well p	ump_		ABICOMPOSITE (CIRC	MATRIX <u>#z</u> FILTERED (YM) CLE ONE)	<u></u>
SAMPLING DEVICE N	IATEHIAL -	TIC PUMP	m scoop/shov	/EL (E) BAILER (F) OTHER (SPE	afy)		٠
(A) AIR-LIFT PUMP (B) BLACK	DER PUMP (C) PER	ISTALTIC FOR	WELL IN	FORMATION (IF AP	PLICABLE)		
				LAND ELEVATION (F	T.MSL)		
REFERENCE POINT		TOR		WELL DEPTH (FT.)			
DEF PT ELEV.(FT. N	ASL)			STICKUP (FT.)			
DEPTH TO WATER (F GW. ELEV.(FT. MSL.)))			WELL DIAMETER (IN	ICHES)		
GW. CLEVIII				SURMENTS (FOUR	REPLICATES)	_ , ,,	_
		Twiting B		First purgl	Initial SAMP	1e Final Sample	أ ُ
		8.					1.
pH (STD)	0	70	6			700	
SPEC. COND.	(UMHOS/CM)		50			120	
TEMPERATUR	RE (C)						
OTHER (SPEC							
<u> </u>			CO	MMENTS/CALCULA	TIONS		
		59	0 5	الار الار			
WEATHER CONDITI	ONS			D Small			
SAMPLE APPEARAL	NCE	(le	ok, jsp	11012 21			
Lock present?							
Cinca con presentation	L						
Riser pipe serviceable? Protective casing service	IY'N						_
a dean acoust seal fund	tional (CDN						
Sampling device function	onal CON						
Corrective action requir	red? YNY			COCCENATIVES AND ANALYTIC	AL METHODS ON LABORATOR	Y CUSTODY FORMS.	
PLEASE INCLUDE SAMPLE	BOTTLE SIZE, BO	TLE COLOR BO	TTLE MATERIAL.	PRESERVATIVES AND ANALYTIC		L1 /21	
	\circ			\sim		DATE 7/10/96	
SAMPLER SIGNAT	URE	sse-	4/6	suy			
SVIAL CELLOIST			•	U			



SASSOCIATES SA	AMPLE COLLE	ECTION INFORMA	ATION FORM
GAI PROJECT NAME TOS 199		GAI PROJECT NO.	953-9103
ZAT DW	111961018	SOURCE CODES: RIVER	OR STREAM WELL, SOIL, OTHER (CIRCLE ON
SAMPLE ID.	PURGING	INFORMATION (IF APPLI	CABLE)
PURGE DATE (yy/mm/dd) CASING VOL (Gal.) PURGING DEVICE (SEE BELOW)	WEI) pump	TIME (24 HR CLOCK) GAL PURGED (Gal.) PURGING DEVICE MATE	ELAPSED HRS
POHGING DEVICE	SAMPLE	COLLECTION INFORMA	ATION
SAMPLING DEVICE (SEE BELOW)	Moll brub Hobe 1 6 10 2 1 8	TIME (24 HR CLOCK) DEDICATED-(7/N) SAMPLE TYPE - GRAB/	MATRIX HZO FILTERED (YM) COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MATERIAL (A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERI	STALTIC PUMP (D) SCOOPISHO	VEL (E) BAILER (F) OTHER (SPECIALLY)	24.51.53
•	WELL I	NFORMATION (IF APPLIC	
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)	TON	LAND ELEVATION (FT./N WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCH	ES)
		ASURMENTS (FOUR REI	FullCATES) Finitial Sample Final Sample 8.0
pH (STD)	700 Junior 1940 - 1860		
SPEC. COND.(UMHOS/CM) TEMPERATURE (C)	150		
OTHER (SPECIFY)	_==-		
2	©.	OMMENTS/CALCULATIO	NS
WEATHER CONDITIONS	5e °	Sw	
SAMPLE APPEARANCE	CLEAR	Sulfun Somel)	
Lock present? N			
Riser pipe serviceable? (YN Protective casing serviceable? (Y) N Protective casing serviceable? (Y) N			
in a device functional (U)		TO AND ANALYTICAL IN	IETHOOS ON LABORATORY CUSTODY FORMS.
PLEASE INCLUDE SAMPLE BOTTLE SIZE, 80	TTLE COLOR BOTTLE MATERIA	L PRESERVATIVES AND ACCTION	DATE 12/10/96
SAMPLER SIGNATURE	2 6	Coshy	



,	SAMI LL COLL		
W SECULET NAME TO	5 ,95 97 GLLY NY	GAI PROJECT NO.	953-9103
AMPLEID.	TDW12961018	SOURCE CODES: RIVE	R OR STREAM WELL, SOIL, OTHER (CIRCLE ON
AMPLE IU.		INFORMATION (IF APP	LICABLE)
((dd)	9610\$18	TIME (24 HR CLOCK)	840 ELAPSED HRS.
URGE DATE (yy/mm/dd) (ASING VOL (Gal.) BURGING DEVICE (SEE BE		GAL PURGED (Gal.) PURGING DEVICE MAT	ERIAL HARR DEDICATED (IN)
Onding	SAMPL	E COLLECTION INFORI	
SAMPLING DATE (yy/mm/d SAMPLING DEVICE (SEE E	ELUVY	TIME (24 HR CLOCK) DEDICATED (YN) SAMPLE TYPE - GRAI	MATRIX HZO FILTERED (YM) BICOMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MATE	RIAL		
A) AIR-LIFT PUMP (8) BLADDER PU	MP (C) PERISTALTIC PUMP (D) SCOOP/SHO	NFORMATION (IF APPL	ICABLE)
	TOR	LAND ELEVATION (FT.	MSL)
REFERENCE POINT		WELL DEPTH (FT.)	·
OCE OT FLEV.(FT. MSL)	T)	STICKUP (FT.)	HE9) Z.03
DEPTH TO WATER (REF. GW. ELEV.(FT. MSL.)		WELL DIAMETER (INC	
pH (STD) SPEC. COND.(UMF TEMPERATURE (C OTHER (SPECIFY)	10S/CM) - 16 - 10S/CM) - 16 		
		OMMENTS/CALCULATI	ON5
WEATHER CONDITIONS	30	SULFUR Smell	
SAMPLE APPEARANCE	Cleps	SUIFUR 35-67	
Lock present N Riser cap present N			
The conceaned of N	aØ 31		
The moing serviceable	2 N N		
Surface grout seal functional Sampling device functional?	-C(1)/14		
Corrective action required?	(N)		CORATORY CUSTORY FORMS
Conecard Cone	SOTTLE MATERIA	L, PRESERVATIVES AND ANALYTICAL	METHODS ON LABORATORY CUSTODY FORMS.
PLEASE INCLUDE SAMPLE BOTT	LE SIZE, BOTTLE COLORS		10/1
	α	v /	DATE)2/10/96
CAMPLER SIGNATURE	Dist Elic	SXY	



Golder
Associates SAMPLE COLLECTION INFORMATION FORM
TOS 195 97 GLY NY GAI PROJECT NO. 953-9103
SAMPLEID. BAT BBO 961016 SOURCE CODES: RIVER OR STREAM WELL, SOIL, OTHER (CIRCLE ONE)
PURGING INFORMATION (IF APPLICABLE)
PURGE DATE (yy/mm/dd) CASING VOL.(Gal.) PURGED (Gal.) PURGING DEVICE MATERIAL LIDER DEDICATED (N)
PURGING DEVICE (SEE BELOW) SAMPLE COLLECTION INFORMATION
SAMPLING DATE (yy/mm/dd) SAMPLING DEVICE (SEE BELOW SAMPLING DEVICE MATERIAL SAMPLING DEVICE MATERIAL TIME (24 HR CLOCK) DEDICATED (YN) SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE) SAMPLE TYPE - GRAB/COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MATERIAL (A) AIR-LIFT PUMP (B) SLADDER PUMP (C) PERISTALTIC PUMP (D) SCOOPISHOVEL (E) BAILER (F) OTHER (SPECIFY) WELL INFORMATION (IF APPLICABLE)
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.) LAND ELEVATION (FT./MSL) WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCHES) Z.03
FIELD MEASURMENTS (FOUR REPLICATES) FINAL BURNE FINAL SAMPLE FINAL SAMPLE FINAL BURNE FINAL SAMPLE FINAL SAMPLE FINAL BURNE FINAL SAMPLE FINAL SAMPLE FI
COMMENTS/CALCULATIONS
WEATHER CONDITIONS 74° SUN SAMPLE APPEARANCE, SUI SUI HISTLY TURKED STRAY
Lock present YN Riser cap present YN FIRIO BLANK COLLECTED HERE
Protective casing serviceable (YN Surface grout seal functional? (YN TB 164016 TB 164016 TB 164016
Corrective action required? (N) PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, BOTTLE MATERIAL, PRESERVATIVES AND ANALYTICAL METHODS ON LABORATORY CUSTODY FORMS. DATE 17/10/96
SAMPLER SIGNATURE Bun E. Cashy



S	AMPLE COLL	_011011	
GAI PROJECT NAME TOS 19	5 97 GLY NY	GAI PROJECT NO.	953-9103
SAMPLEID. BAT BI	41961016	SOURCE CODES: RIVER	OR STREAM WELL, SOIL, OTHER (CIRCLE O
SAMPLE IO.	PURGING	INFORMATION (IF APPLI	CABLE)
(((m)(dd)	<u>مارځ 10 واره ۱</u>	TIME (24 HR CLOCK)	1455 ELAPSED HRS
PURGE DATE (yy/mm/dd) — CASING VOL (Gai.) — PURGING DEVICE (SEE BELOW) _	42	GAL PURGED (Gal.) PURGING DEVICE MATE	
Pondina	SAMPLE	E COLLECTION INFORM	ATION
SAMPLING DEVICE (SEE BELOW _	9 <u>610316</u> 85	TIME (24 HR CLOCK) DEDICATED (YVN) SAMPLE TYPE - GRABIC	FILTERED (YM) COMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MATERIAL (A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PER			
(A) AIR-LIFT PUMP (8) BLACOER PUMP (C) PER	WELL I	NFORMATION (IF APPLIC	ABLE)
REFERENCE POINT REF. PT. ELEV.(FT. MSL) DEPTH TO WATER (REF. PT.) GW. ELEV.(FT. MSL.)	TON	LAND ELEVATION (FT./M WELL DEPTH (FT.) STICKUP (FT.) WELL DIAMETER (INCH	
GW. CCC	FIELD ME	ASURMENTS (FOUR REF	7.4
pH (STD) SPEC. COND.(UMHOS/CM)	7700	1100	1100 77° - 1100 - 1100 - 1
TEMPERATURE (C)	_180_		
OTHER (SPECIFY)		:	NC.
		OMMENTS/CALCULATIO	NO.
WEATHER CONDITIONS	75° Su		
SAMPLE APPEARANCE	Clean	, Suffur sme)	
Lock present? (NN			
Riser cap present?(NN			
Protective casing serviceable NN			
Complied device (uncuonal ())			
Corrective action required? Y	THE COLOR BOTTLE MATERIAL	L PRESERVATIVES AND ANALYTICAL H	ETHOOS ON LABORATORY CUSTODY FORMS.
	\sim		DATE 12/10/96
SAMPLER SIGNATURE	Sua E	(Say	



SAMIFUL		• •
AI PROJECT NAME TOS 95 97 GLY	NY GAI PROJECT NO.	·
BAT 5, 29196	1017 SOURCE CODES: F	RIVER OR STREAM WELL, SOIL, OTHER (CIRCLE ONE
MP(= 1D. ====	PURGING INFORMATION (IF	APPLICABLE)
		CI ARSED HRS
96/03	117 TIME (24 HR CLOC	20 ====
URGEUATEUS	GAL PURGED (GA PURGING DEVICE	MATERIAL DEDICATED (N)
ASING VOL(Gal.) URGING DEVICE (SEE BELOW)	PURGING DEVICE	(WV) Comments
SURGING DEVICE (CC)	SAMPLE COLLECTION INF	FORMATION
	SAMPLE COLLECTION III.	
	E/17 TIME (24 HR CLOC	CK) MATRIX #20
SAMPLING DATE (yy/mm/dd) 9 6 10		
SAMPLING DEVICE (SEE BELOW	SAMPLETYPE -/	GRABICOMPOSITE (CIRCLE ONE)
SAMPLING DEVICE MATERIAL	CONTROL OF CONTROL	SPECIFY
SAMPLING DEVICE MATERIAL (A) AIR-LIFT PUMP (B) BLADDER PUMP (C) PERISTALTIC PUMP	(D) SCOOPISHOVEL (E) BALLER (F) CT. CT.	
W VILLET LOWER CO.	WELL INFORMATION (IF A	APPLICABLE)
TOR	LAND ELEVATION	N (FT./MSL)
REFERENCE POINT	WELL DEPTH (FT	T.) —===
acc of FLEV (FT. MSL)	STICKUP (FT.)	7 05
DEPTH TO WATER (HEF. PT.)	WELL DIAMETER	(INCHES)
GW ELEV.(FT. MSL.)		
	FIELD MEASURMENTS (FOU	JR REPLICATES)
Justial A	C	Initial Sample Final Staple
pH (STD)		
SPEC. COND.(UMHOS/CM)		
i i		
TEMPERATURE (C)		
OTHER (SPECIFY)		
	COMMENTS/CALCU	ILATIONS
	 	·
CONCITONS	·	
WEATHER CONDITIONS		
SAMPLE APPEARANCE		
^		
Lock present N	1) PX	
Riser cap present? (N) Riser pipe serviceable? (N)		
The string engine serviceable of		
COSI (I)DCIIGITO) A COSI		
Corrective action required (RIV)	THE MATERIAL PRESERVATIVES AND ANA	LYTICAL METHODS ON LABORATORY CUSTODY FORMS.
Corrective action required? N PLEASE INCLUDE SAMPLE BOTTLE SIZE, BOTTLE COLOR, B	JIICE MAILS TO THE	1 10.
\sim		DATE 12/10/96
TO CICALATURE DELLA	Elacoly	
SAMPLER SIGNATURE	- 4	

APPENDIX B CHAIN-OF-CUSTODY FORMS

age ROJECT	NO./ NAM	E	CLIENT NAME			SAM	PLE SIT	E		SAM	PLER'S SIGNATUI
953	1103.	. \	60 Den	L. ASSOCIAL	ζ	B	ell	<u>Ne</u>	insple	e Tections	int tilly
AMPLE NO.	SAMP DATE TI	x + 5, $0.00000000000000000000000000000000000$	ORIGIN/SOURC	Œ	# OF CONTAIN- ERS	СОМ	DESCRI P GI	PTIO RAB	N OTHER	ANALYSES/TESTS REG	QUESTED
1	10/15/96	<i>0</i> 840	BAT 8904 19610	:/5	3452	7	>		***************************************	8540	
ح	14/15/96	0840	BIT 89041	9610/5 MS		8	>	`		8240	
3	14/15/96	0840	BNT89041	96/015 MSD		9	<i>`</i> >	-•		7240	
4	10/15/96	0915	BOT 89161	761015	3453) ()	\ \ \			8260	
5	10/15/96	0915	BAT891619	161015 195		1	×		v co.,	8260	management and the second of t
6	10/15/96	0915	BATEGIE	1961015 MSD	3453	12	>	<i>y</i>		8560	
7	10/15/96	1040	BOT89171	961015	3453	3	>	*	our amplie distribution on the	8260	
00	10/15/96	1040	BM 8917	1961015 DUP	345	1 34		,		8260	
RELINQU SIGNATU PRINT	JISHED BY JRE /A/	flant Same	DATEITIME	RECEIVED BY SIGNATURE PRINT		_	DATE/T		RELINQ SIGNAT PRINT	UISHED BY URE	DATE/TIME
RECEIVE SIGNATU PRINT			DATE/TIME	RELINQUISHED B SIGNATURE PRINT	Y		DATE/T	IME	RECEIVI SIGNAT PRINT	ED AT LAB BY URE Debbe McConty Debbie McCorty	DATE/TIME

age	of			CHAIN OF CU	STODY REC	CORD			CUSTOMER COL	
	NO./ NAME	E	CLIENT NAME			SAMF	LE SITE			SAMPLER'S SIGNATUR
153	9103.	١	60 Den	ASSOCIAL	ζ	B	211 AC	<u>aospi</u>	C TEXTA	5 /100 / Ming
AMPLE NO.	SAMP. DATE TIM	\cdots $>$ \sim $>$ $>$ $>$ $>$ $>$ $>$ $>$ $>$ $>$ $>$	ORIGIN/SOURCE		# OF CONTAIN- ERS	COM	DESCRIPTION OF GRAB	ON OTHER	ANALYSES/TEST	'S REQUESTED
9	10/15/91	1115	BAT 87181 9	61015	345	JÜ —	×	and the Annual species	8260	agen ag inn gamma day agen yan ya Walla hin ya e in
10	10/15/96	1200	BAT89061		3450	। 36	20		8260	
11	10/15/90	1350	13AT 14021	96	3450	37	<u> </u>		2210	
12	10/15/9/	1350	BAT94021	arian Dala	345	538	\times		8210	
13	10/15/96	1430	BATE 719	1961015	345	339	X		8260	engyah Binger spirosiku To dayasan (dadah) a day
14	10/15/96	1455	OAT 89031	961015	345	1 540	X		8260	
15	10/15/96	1555	BATEFIZII	961015	345		人	and an area and and the	8240	and the second s
16	10/15/91	1555	BAT 8721	1 94015 DUP	34	1 54 <i>i</i>	ا نس		0458	
RELINQU SIGNATU PRINT	UISHED BY URE/MY/			RECEIVED BY SIGNATURE PRINT			DATE/TIME	RELIN SIGNA PRINT		DATE/TIME
RECEIVE	RECEIVED BY DATE/TIME RELINQUISHED SIGNATURE				Y		DATE/TIMI	RECEI SIGNA PRINT	VED AT LAB BY TURE Debbue MCC	Carly 10/16/96
REMARKS				<u> </u>			ONF RESEARC	H CIRCLE	ORY, INC. • WAVERLY, NEW YORK 0 • FAX (607) 565-40	14892

Page	of			CHAIN OF CU	ISTODY RE	·	- 100 - 100 De 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10			CUSTOMER CO.	***************************************	NO OTOMATURE
PROJECT	'NO./ NAM	E	CLIENT NAME				PLE			a manager a mit	/ / //	R'S SIGNATURI
12.5	9103.	1	6-01 Der	1 ASSOCIAL	<u> </u>	K	<u>e (1</u>	10	t05[2]	ce TexThe	1 years	16571
SAMPLE NO.	SAMP DATE TI	a ca caracteristics	ORIGIN/SOUR	CE	# OF CONTAIN- ERS	COM		CRIPTIC GRAB	ON OTHER	ANALYSES/TEST	rs reques	STED
17	10/15/96	1630	BOT 8722	1961015	3454	(3 		X		8240	ميدور و مدين عديد الميدونين عديد و مدود و ميدود	
18	10/15/96	1630	BATE72Z	1961015 MS	3454	1 4		X		8240		
19	10/15/16			961015 MSD	345	_		1		2240		·
20	10/15/96	_	TRIP BU 95-04	14 10/15/96 5-53	345	46			X	8260		
			``					tytysetta viene temp	e (pr pursup (p. Tapelli Presid		The state of the s	
								errer ur e sandra a l'annante e l'	nanyawa na wasani ya da kana	n inggan ngandagaha inggan ki namangan mananingka	e sprag gyapet til a til til til til til	· · · · · ·
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Page <u>\</u> PROJECT	NO./ NAM	E	CLIENT NAME			SAMPLE SI	TE				R'S SIGNATUI
95.5	9103.	. 1	60 Den	AGGOCIAL	΄ζ	Bell	<u>Men</u>	05/3/	c Text	has fire	1 / revie
SAMPLE NO.	SAMP DATE TI		ORIGIN/SOURCI	<u>.</u>	# OF CONTAIN- ERS	DESCR COMP G		V OTHER	ANALYSES/TI	V ESTS REQUES	TED
1	14/26/96	0920	BAT 93031	961016	3	34	662		8240	a garine water we reference on a second of the	
2	10/16/96	0440	BAT EW69	ما 101م	3	34	189	3	8240		
3	10/16/96	0955	BATEWS 91	61016	3	34	-60	4	8240	a ambus sansa sansa gas kapanan sana asan	
4	10/16/96	1005	BATEN4	161016	.3	34	166	5	8240		
5	10/16/96	1010	BATEWS	961016	3	34	<u>C</u>	****	8240	na maran ing ing amang at rang at ang matang at ray in 1 - r - a	
6	10/26/96	1020	BATEWS	- 96 2016	3	34	1667	7	8240		
7	10/16/96	1125 BU	BAT 93021	961016	3	34	166	8	8240	nga supplies sa pa supplies Maria (1881 - 1881 - 1881 - 1881 - 1881 - 1881 - 1881 - 1881 - 1881 - 1881 - 1881	
ષ્ટ	10/16/96		B812860,	261016	3	34	166	. p ~ q E	EC BC	8260	
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PROJECT	NO./ NAME	£ .	CLIENT NAME			SAMPLE S	SITE			SAMPLER'S	SIGNATUI
953	9103.	1	6-01 Den	- ASSOCIAL	ζ	Bell	<u>Ne.</u>	cospic	e Tier in	s front !	[3][[
SAMPLE NO.	SAMPI DATE TIN	ИE	ORIGIN/SOURC		# OF CONTAIN- ERS	DESC COMP	RIPTIC GRAB)N OTHER	ANALYSES/TEST	s requeste	D
9	1906/16) 3 30	BAT FB 96	016	3	3-	167		8260	and approximately largering and a second or a second o	
) 0	10/16/16	1345	BAT 870819	61016	3	3	167	1	8240		
IJ	1916/16	1345	BATFB291	9016	3	3	467	pinta cass ³ à a a a	8240	TOP LAND WAS IN THE WATER TO THE TOP T	
12	10/16/96	14.15	BAT 9717	1961016	3	3.	467	3	8240		
13	10/16/96	1.40	BAT87041	961016	3	3	467	1	8240	gyan pasaguna ya manasa kali 1993 m. 1991 - 190	
14	1-/12/92	1500	BAT 131 9-1 9	16 1016	. 3	3	467	econ invita invita	8240		
15	19/16/96	1440	BATFB3	161016	3		467	76	8240		
16	10/16/96	1535	BAT 87.10	961016	3	سر سة	346)	77	8260		
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Page <u>B</u> PROJECT	NO./ NAM	E	CLIENT NAME			SAMP	LE SITE			SAMPLER'S SIGNATU
953	9103	. \	6-01 Der	L ASSOCIATION	<u> </u>	BO	?((A	Prenspill	C TEXTOR	fing / hory
SAMPLE NO.	SAMP DATE TI		ORIGIN/SOUR	CE.	# OF CONTAIN- ERS	D COMP	ESCRIPTI GRAB		ANALYSES/TESTS	REQUESTED
17	10/14/91	1600	BAT 87230	961016	3		34E7	70	8260	
18	10/16/16		95-045-5 Rul BUM	x 94016	2		3467	79/	9260	
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PROJECT	NO. NAMI	Œ	CLIENT NAME			_	PLE SITE			SAMPLER'S SIGNATUR
953	9103.	1	Gol Den	ACCOUNT	·/ \	\mathcal{B}	ell K	nospil	C TEXTO	w first flug
SAMPLE NO.	SAMP. DATE TIM		ORIGIN/SOURC	E	# OF CONTAIN- ERS	СОМ	DESCRIPTI P GRAB	ON OTHER	ANALYSES/TEST	rs requested
9	10/17/96	1140	BAT 87201	961017	3482	<u> </u>	X		8240	Annual was made and many and annual and a second a second and a second a second and
10	10/17/96)250	BAT 87010	961017	3482	 9 -	X		8260	
) (10/17/96	1255	BAT87011	761017	3483	10	X	- Carrier Marie Com	8240	
51	10/17/91	1330	BAT871819	761017	3483		X		8240	
13	10/17/96	1400	BAT87021	961017	9483		X	4 1100,60 0,000,000,000,000,000,000,000,000,	8240	magamagamaga aganyangan ang an ang an ang an an an an
14	10/14/96	1435	BAY8702	3961017	348	33	λ		8260	
15	10/17(4)	1530	BAT 89141	961017	348	34	X		8240	Note that the second
16	96/1.1/01	1552	BAT 8914	0961017	340	35	X		8260	
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Page Z	of <u>4</u>			CHAIN OF CU	ISTODY REC	CORD				CUSTOMER COL		
PROJECT	NO./ NAMI	E	CLIENT NAME		,	i -	PLE SI					R'S SIGNATURE
953	9103.	1	Gol Den	ACCOUNT	<u> </u>	R	<u>ell</u>	∆c,	cospic	e Textro	if wil	1 holy
SAMPLE NO.	SAMP DATE TII		ORIGIN/SOURC	E	# OF CONTAIN- ERS	СОМ	DESCR IP G			ANALYSES/TEST	' // 'S REQUES	TED
/	10/17/96	8 ZS	BAT 8907118	3961017	3483	6		X		8260	kanada (1985) digina digin dinang kanal san san sa	***************************************
2	19/19/96	0840	BATE9071	A961017	3463	7)	X		8260		
3	10/17/96	0940	BAT89051+	1961017	3483	88	,	Y		8240		
4	10/17/96	0930	BAT890511	3961017	3480	1 39		X		8240		
5	10/17/96	1050	BAT89021	961017	3484	10	we would be a state of	χ	مدهبوناتان فرغمستان اندب	8260	www.phropro.gov.com.com.com.com.com.com.com.com.com.com	
6	10/17/96	1112	BAT8902	3961017	3484	ļ. <u> </u>		X		8260		
7	10/17/96	1700	BAT87121	961017	3484			X	ini my to goi no, a win	8240	A STATE OF THE STA	,
8	10/17/96	1135	BAT8720	0 961017	348	1 343	š	X		8260		
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PROJECT	NO./ NAM	E	CLIENT NAME		·	l -	PLE S	_				R'S SIGNATURE
95.5	9103.	. 1	60 Der	L ASSOCIATE	ζ	B	ell	<u>Ac.</u>	enspl	e Textro	<u>ي</u>	
SAMPLE NO.	SAMP DATE TI		ORIGIN/SOURG	CE.	# OF CONTAIN ERS	СОМ		RIPTIO GRAB	N OTHER	ANALYSES/TEST	S REQUE	STED
17	10/17/96	1445	BAT891519	61017	3484	14		X	naga pramakang kanaman di	8240 8260	este das attinues de essa sages	
18	10/17/14		This Bus	X 10/17/96 -53-16	346 -	l Fö		X		8260		
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					promise game and approximately and approximately		· 1-01-1-4 1-13-7	- e ^{nt} tyletowy (474-18)	1 contract of the second		۵٬۱۰٬۰۰۹ واجعدوهموممومودوه	named to the state of
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Page	of		CHAIN OF CU	STODY RE	CORD		CUSTOMER COD	
PROJECT	NO./ NAM	E	CLIENT NAME		SAMPLE SITE			SAMPLER'S SIGNATURE
953	9103.	. \	Golden Associate	΄ ζ	Bell	Penospy	e Textra	y fry flang
SAMPLE NO.	SAMP DATE TI	1	ORIGIN/SOURCE	# OF CONTAIN ERS		TION AB OTHER	ANALYSES/TESTS	S REQUESTED
)	10/18/96	2840	BOT DUV 12 961018	3	350	36	8240	
2	10/18/96	0920	BAT DW 11 961018	2,	3504	37	8240	
3	10/18/96	1005	BAT DW 9 961018	21	35(338	8240	
4	10/18/96	1030	BOT DW 18 961018	21	350)38	0428	
S	10/18/96	1050	BOT EW7 961018	2,	350	40	8240	page that the page of the same and the same
6	10/18/96	1105	BATEW 8 961018	2	350)4 ¹	8240	
7	10/1/196	1145	HAT 87133 961018	3	and the Asset	142	8260	e pagiment and the
8	18/36	11/20		2	350 350		BLC,	8260
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PAGE 1 OF 1	GOLDER ASSO	CIATES	CHAIN	OF CUS	STODY			
PROJECT NO./NAME	CLIENT NAME	·	SAMPLE S			•	S SIGNATUI	RE
953-9103.1	Golder Associates Inc			Bell Aerosp	ace Textro	Brain (E Forty	
SAMPLING SAMPLE DATE TIME NO.	ORIGIN/SOURCE	# OF CONTAIN ERS	DE COMP	SCRIPTIO GRAB		ANALYSES/TESTS RE	EQUESTED	
1 11/5/96 1415	BAT89021961105	3	,2005 M Marie Marie	× 3083		8 360	91 - 12	pen
2 11/5/96 1440	BAT89023961105	3	process to the state of the sta	v 5907	,	8260	- 91	Randy
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