



UCAR CARBON COMPANY INC.

32103.6W43

P.O. Box 887, Niagara Falls, NY 14302-0887

July 22, 1997

Mr. Mark Hans, PE
Regional Solid Materials Engineer
NYS Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

8 - 1997 32103
NYSDEC-REG.0
X - FOIL

Subject: Quarterly Report of Groundwater Analysis
Republic Solid Waste Management Facility
Post-Closure Monitoring Program

Dear Mr. Hans,

I am enclosing a copy of the thirty seventh (37) quarter's groundwater sampling analysis from the closed Republic Waste Management Facility. Bedrock well, BW-4, continues to demonstrate some slight volatile organic contamination in the less than one part per million range.

The attached table summarizes the positive organic parameters from BW-4 for the thirty seventh (37) quarter.

UCAR Carbon Company Inc. continues to maintain the position that this contamination at well BW-4 is not related to the closed Republic Waste Management Facility given the fact that down-gradient bedrock well, BW-6 continues to show no similar contamination.

If you have any questions, please contact me at 278-3275.

Very truly yours,

A.C. Ogg
Site Manager

A.C. Ogg
nm
encls.

**QUARTERLY REPORT OF GROUNDWATER ANALYSIS
REPUBLIC SOLID WASTE MANAGEMENT FACILITY POST-CLOSURE MONITORING PROGRAM**

37TH QUARTER

POSITIVE ORGANIC PARAMETERS FROM BW-4

CONTAMINATE	37th Quarter ppb	Mean Conc. ppb	Range ppb
1,2-Dichlorethene (Total)	420	334	200 - 570
Trichloroethene	230	291	30 - 740
Tetrachloroethene	170	231	72 - 440
Vinyl Chloride	110	97	29 - 300

CC: Mr. Jim Devald, Dir. of Environmental Health
Niagara County Health Department
P.O. Box 428
Niagara Falls, New York 14302-0428

UCAR CARBON COMPANY, INCORPORATED

REPUBLIC WASTE MANAGEMENT FACILITY

POST CLOSURE MONITORING PROGRAM

QUARTERLY REPORT

SAMPLE DATES: 4-6 JUNE 1997

Prepared By:

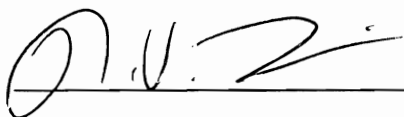


"A Company Dedicated to Honesty, Quality and Service"

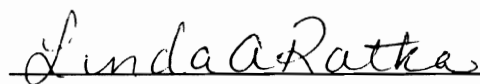
June 27, 1997
REF: CTC71VB/100B

QA/QC VERIFICATION FOR PROJECT ID 71VB

The following report, as well as the supporting data, have been carefully reviewed for accuracy, adherence to the cited methods, and completeness. All data contained in this report was generated in accordance with the AES Laboratory Quality Assurance/Quality Control Program.



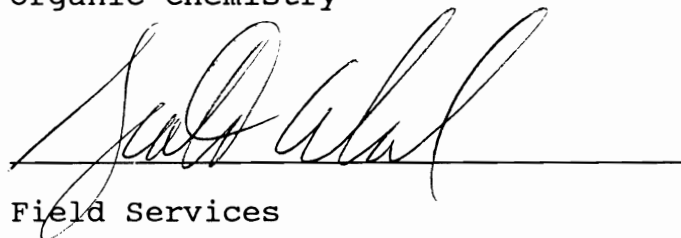
Metals Department



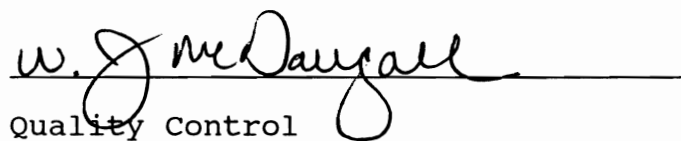
Inorganic Chemistry



Organic Chemistry



Field Services



Quality Control



Project Manager

All 'Total' results on soil matrices are calculated on a dry weight basis, unless otherwise noted. Analyses noted as 'Performed in the laboratory' require immediate testing and should be performed in the field.

The following are standard abbreviations:

BQL - Below Quantifiable Limits
ND - None Detected
NG - No Growth of Colonies
NR - Not Requested
D - Indicates a dilution was required

Advanced Environmental Services, Inc.

2186 Liberty Drive
Niagara Falls, New York 14304
(716) 283-3120

QUARTERLY GROUNDWATER MONITORING - FIELD PARAMETER INFORMATION
June 4, 1997 thru June 6, 1997

UCAR CARBON COMPANY, INC.

Hyde Park Boulevard
Niagara Falls, New York

AES Code: CTC

Project I.D. # 71VB

Monitoring Well I.D.	Evacuation Date	Top of Inner Casing Elevation (ft.)	Monitoring Well Diameter	Water Level (ft.)	Water Elevation (ft.)	Bottom of Well (ft.)	Volume of Standing Water (gallons)	Volume of Evacuated Water (gallons)	Recharge Rate
BW-1	6/5/97	610.72	4	15.53	595.19	28.85	8.70	26.0	C
BW-2	6/5/97	608.43	4	11.98	596.45	26.60	9.54	30.0	C
BW-3	6/6/97	604.72	4	8.95	595.77	22.91	9.11	36.0	C
BW-4	6/6/97	607.08	4	8.95	598.13	22.69	8.97	29.0	C
BW-5	6/4/97	603.33	4	6.55	596.78	28.80	14.52	44.0	C
BW-6	6/5/97	607.04	4	11.47	595.57	25.15	8.93	75.0	C
MW-1	6/4/97	609.43	2	10.73	598.70	23.40	2.07	2.0 (Dry)	S
MW-2	6/5/97	607.54	3	23.71	583.83	24.61	0.33	0.5 (Dry)	VS
MW-3	6/4/97	601.61	2	6.69	594.92	16.11	1.54	4.3	S
OW-1 SOUTH	6/6/97	608.81	2	5.95	602.86	36.05	4.91	NR	N/A
OW-2 NORTH	6/6/97	607.06	2	6.32	600.74	35.90	4.83	NR	N/A

Abbreviations:

VS = Very Slow ----- Recharge Rate longer than 24 hr period.

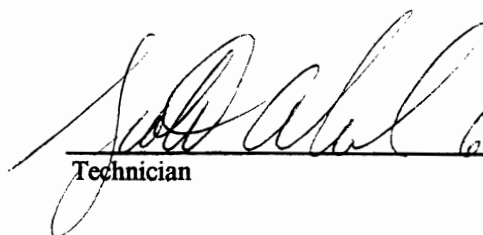
S = Slow ----- Recharge Rate within 24 hr period.

R = Rapid ----- Recharge Rate within 1 hr period.

C = Continuous ---- Recharge Rate immediate.

NR = Not Required

N/A = Not Applicable


Technician 6-20-97
Date

Advanced Environmental Services, Inc.

2186 Liberty Drive
Niagara Falls, New York 14304
(716) 283-3120

QUARTERLY GROUNDWATER MONITORING - FIELD PARAMETER INFORMATION
June 4, 1997 thru June 6, 1997

UCAR CARBON COMPANY, INC.

Hyde Park Boulevard
Niagara Falls, New York

AES Code: CTC

Project I.D. # 71VB

Monitoring Well I.D.	Sampling Date	Sampling Time	Water Level (ft.)	Turbidity (NTU)	Filter Time	Field Comments/Observations
BW-1	6/5/97	2:30 PM	15.54	7	3:40 PM	Clear
BW-2	6/5/97	1:45 PM	12.17	14	3:30 PM	Clear with odor
BW-3	6/6/97	2:55 PM	8.97	4	3:50 PM	Clear.
BW-4	6/6/97	2:40 PM	9.49	4	3:45 PM	Clear
BW-5	6/4/97	2:55 PM	6.64	3	3:55 PM	Clear
BW-6	6/5/97	12:10 PM	13.85	8	3:45 PM	Clear
MW-1	6/5/97	2:10 PM	11.27	4	3:25 PM	Slightly cloudy with solids
*MW-2	6/6/97	1:30 PM	24.15	210	NA	Cloudy Black
MW-3	6/5/97	2:15 PM	6.79	18	3:20 PM	Clear with odor
OW-1 South	6/6/97	2:30 PM	5.95	NA	NA	Required to take water elevation only.
OW-2 North	6/6/97	3:05 PM	6.32	NA	NA	Required to take water elevation only.
Blind Dup	6/6/97	2:40 PM	9.49	4	3:45 PM	Clear
Trip Blank	6/4/97	1:00 PM	NA	3	NA	Deionized Water

The Blind Duplicate site was BW-4.

* Due to the lack of sufficient recharge from MW-2, the metals parameters could not be collected.


Field Technician
6-20-97
Date

CLIENT: Ucar Carbon Company, Incorporated
SAMPLE ID: MW-1
COLLECTION METHOD: Grab
COLLECTION DATE(S): 06/05/97
SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
AES SAMPLE ID: 71VB-1

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Turbidity *	3.6	NTU	0.1	EPA 180.1
Ammonia	ND	mg/L	0.05	EPA 350.3
Nitrite	ND	mg/L	0.04	HACH 8507
Total Kjeldahl Nitrogen	6.9 D	mg/L	0.4	EPA 351.3
Total Iron	1.9	mg/L	0.05	EPA 200.7
Soluble Iron	1.1	mg/L	0.05	EPA 200.7
Total Potassium	35	mg/L	1.0	EPA 200.7
Soluble Potassium	37 **	mg/L	1.0	EPA 200.7
Total Zinc	ND	mg/L	0.02	EPA 200.7
Soluble Zinc	ND	mg/L	0.08	EPA 200.7

* Analysis performed in the field.

** The soluble value is slightly higher than the total value for this element. The difference is statistically insignificant.

CLIENT: Ucar Carbon Company, Incorporated
SAMPLE ID: MW-3
COLLECTION METHOD: Grab
COLLECTION DATE(S): 06/05/97
SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
AES SAMPLE ID: 71VB-2

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Turbidity *	17.7	NTU	0.1	EPA 180.1
Ammonia	ND	mg/L	0.05	EPA 350.3
Nitrite	0.06	mg/L	0.04	HACH 8507
Total Kjeldahl Nitrogen	2.2 D	mg/L	0.4	EPA 351.3
Total Iron	2.0	mg/L	0.05	EPA 200.7
Soluble Iron	0.08	mg/L	0.05	EPA 200.7
Total Potassium	3.0	mg/L	1.0	EPA 200.7
Soluble Potassium	3.0	mg/L	1.0	EPA 200.7
Total Zinc	ND	mg/L	0.02	EPA 200.7
Soluble Zinc	ND	mg/L	0.08	EPA 200.7

* Analysis performed in the field.

CLIENT: Ucar Carbon Company, Incorporated
SAMPLE ID: BW-1
COLLECTION METHOD: Grab
COLLECTION DATE(S): 06/05/97
SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
AES SAMPLE ID: 71VB-3

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Turbidity *	7.2	NTU	0.1	EPA 180.1
Ammonia	0.94	mg/L	0.05	EPA 350.3
Nitrite	ND	mg/L	0.04	HACH 8507
Total Kjeldahl Nitrogen	2.6 D	mg/L	0.4	EPA 351.3
Total Iron	1.6	mg/L	0.05	EPA 200.7
Soluble Iron	1.6	mg/L	0.05	EPA 200.7
Total Potassium	8.1	mg/L	1.0	EPA 200.7
Soluble Potassium	7.7	mg/L	1.0	EPA 200.7
Total Zinc	0.09	mg/L	0.02	EPA 200.7
Soluble Zinc	0.03	mg/L	0.08	EPA 200.7

* Analysis performed in the field.

CLIENT: Ucar Carbon Company, Incorporated
SAMPLE ID: BW-2
COLLECTION METHOD: Grab
COLLECTION DATE(S): 06/05/97
SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
AES SAMPLE ID: 71VB-4

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Turbidity *	13.7	NTU	0.1	EPA 180.1
Ammonia	1.1	mg/L	0.05	EPA 350.3
Nitrite	ND	mg/L	0.04	HACH 8507
Total Kjeldahl Nitrogen	2.0 D	mg/L	0.4	EPA 351.3
Total Iron	3.4	mg/L	0.05	EPA 200.7
Soluble Iron	3.4	mg/L	0.05	EPA 200.7
Total Potassium	5.6	mg/L	1.0	EPA 200.7
Soluble Potassium	5.6	mg/L	1.0	EPA 200.7
Total Zinc	0.06	mg/L	0.02	EPA 200.7
Soluble Zinc	ND	mg/L	0.08	EPA 200.7

* Analysis performed in the field.

CLIENT: Ucar Carbon Company, Incorporated
SAMPLE ID: BW-3
COLLECTION METHOD: Grab
COLLECTION DATE(S):
SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
AES SAMPLE ID: 71VB-5

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Turbidity *	3.6	NTU	0.1	EPA 180.1
Ammonia	1.3	mg/L	0.05	EPA 350.3
Nitrite	ND	mg/L	0.04	HACH 8507
Total Kjeldahl Nitrogen	2.0 D	mg/L	0.4	EPA 351.3
Total Iron	1.4	mg/L	0.05	EPA 200.7
Soluble Iron	1.4	mg/L	0.05	EPA 200.7
Total Potassium	5.1	mg/L	1.0	EPA 200.7
Soluble Potassium	3.8	mg/L	1.0	EPA 200.7
Total Zinc	0.05	mg/L	0.02	EPA 200.7
Soluble Zinc	0.05	mg/L	0.08	EPA 200.7

* Analysis performed in the field.

CLIENT: Ucar Carbon Company, Incorporated
 SAMPLE ID: BW-4
 COLLECTION METHOD: Grab
 COLLECTION DATE(S):
 SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
 AES SAMPLE ID: 71VB-6

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Turbidity *	3.5	NTU	0.1	EPA 180.1
Ammonia	2.9	mg/L	0.05	EPA 350.3
Nitrite	ND	mg/L	0.04	HACH 8507
Total Kjeldahl Nitrogen	3.0 D	mg/L	0.4	EPA 351.3
Total Iron	2.2	mg/L	0.05	EPA 200.7
Soluble Iron	2.2	mg/L	0.05	EPA 200.7
Total Potassium	13	mg/L	1.0	EPA 200.7
Soluble Potassium	13	mg/L	1.0	EPA 200.7
Total Zinc	0.04	mg/L	0.02	EPA 200.7
Soluble Zinc	ND	mg/L	0.08	EPA 200.7
Chloromethane	ND	µg/L	50	SW 846 8240
Bromomethane	ND	µg/L	50	SW 846 8240
Vinyl chloride	110 D	µg/L	50	SW 846 8240
Chloroethane	ND	µg/L	50	SW 846 8240
Methylene chloride	ND	µg/L	50	SW 846 8240
Acetone	ND	µg/L	50	SW 846 8240
Carbon disulfide	ND	µg/L	50	SW 846 8240
1,1-Dichloroethene	ND	µg/L	50	SW 846 8240
1,1-Dichloroethane	ND	µg/L	50	SW 846 8240
1,2-Dichloroethylene (total)	420 D	µg/L	50	SW 846 8240
Chloroform	ND	µg/L	50	SW 846 8240
1,2-Dichloroethane	ND	µg/L	50	SW 846 8240
2-Butanone	ND	µg/L	50	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	50	SW 846 8240
Carbon tetrachloride	ND	µg/L	50	SW 846 8240
Bromodichloromethane	ND	µg/L	50	SW 846 8240
1,2-Dichloropropane	ND	µg/L	50	SW 846 8240
cis-1,3-Dichloropropene	ND	µg/L	50	SW 846 8240

* Analysis performed in the field.

CLIENT: Ucar Carbon Company, Incorporated
 SAMPLE ID: BW-4
 COLLECTION METHOD: Grab
 COLLECTION DATE(S):
 SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
 AES SAMPLE ID: 71VB-6

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Trichloroethene	230 D	µg/L	50	SW 846 8240
Chlorodibromomethane	ND	µg/L	50	SW 846 8240
1,1,2-Trichloroethane	ND	µg/L	50	SW 846 8240
Benzene	ND	µg/L	50	SW 846 8240
trans-1,3-Dichloropropene	ND	µg/L	50	SW 846 8240
Bromoform	ND	µg/L	50	SW 846 8240
4-Methyl-2-pentanone	ND	µg/L	50	SW 846 8240
2-Hexanone	ND	µg/L	50	SW 846 8240
Tetrachloroethene	170 D	µg/L	50	SW 846 8240
Toluene	ND	µg/L	50	SW 846 8240
1,1,2,2-Tetrachloroethane	ND	µg/L	50	SW 846 8240
Chlorobenzene	ND	µg/L	50	SW 846 8240
Ethylbenzene	ND	µg/L	50	SW 846 8240
Styrene	ND	µg/L	50	SW 846 8240
m-Xylene	ND	µg/L	50	SW 846 8240
o/p-Xylene	ND	µg/L	50	SW 846 8240
Aniline	ND	µg/L	10	SW 846 8270
Benzoic acid	ND	µg/L	10	SW 846 8270
Benzyl alcohol	ND	µg/L	10	SW 846 8270
Phenol	ND	µg/L	10	SW 846 8270
bis(2-chloroethyl)ether	ND	µg/L	10	SW 846 8270
2-Chlorophenol	ND	µg/L	10	SW 846 8270
1,3-Dichlorobenzene	ND	µg/L	10	SW 846 8270
1,4-Dichlorobenzene	ND	µg/L	10	SW 846 8270
1,2-Dichlorobenzene	ND	µg/L	10	SW 846 8270
2-Methylphenol	ND	µg/L	10	SW 846 8270
bis(2-chloroisopropyl)ether	ND	µg/L	10	SW 846 8270
4-Methylphenol	ND	µg/L	10	SW 846 8270
n-Nitrosodi-n-propylamine	ND	µg/L	10	SW 846 8270

CLIENT: Ucar Carbon Company, Incorporated
 SAMPLE ID: BW-4
 COLLECTION METHOD: Grab
 COLLECTION DATE(S):
 SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
 AES SAMPLE ID: 71VB-6

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Hexachloroethane	ND	µg/L	10	SW 846 8270
Nitrobenzene	ND	µg/L	10	SW 846 8270
Isophorone	ND	µg/L	10	SW 846 8270
2-Nitrophenol	ND	µg/L	10	SW 846 8270
2,4-Dimethylphenol	ND	µg/L	10	SW 846 8270
bis(2-chloroethoxy)methane	ND	µg/L	10	SW 846 8270
2,4-Dichlorophenol	ND	µg/L	10	SW 846 8270
1,2,4-Trichlorobenzene	ND	µg/L	10	SW 846 8270
Naphthalene	ND	µg/L	10	SW 846 8270
4-Chloroaniline	ND	µg/L	10	SW 846 8270
Hexachlorobutadiene	ND	µg/L	10	SW 846 8270
4-Chloro-3-methylphenol	ND	µg/L	10	SW 846 8270
2-Methylnaphthalene	ND	µg/L	10	SW 846 8270
Hexachlorocyclopentadiene	ND	µg/L	10	SW 846 8270
2,4,6-Trichlorophenol	ND	µg/L	10	SW 846 8270
2,4,5-Trichlorophenol	ND	µg/L	10	SW 846 8270
2-Chloronaphthalene	ND	µg/L	10	SW 846 8270
2-Nitroaniline	ND	µg/L	10	SW 846 8270
Dimethyl phthalate	ND	µg/L	10	SW 846 8270
Acenaphthylene	ND	µg/L	10	SW 846 8270
2,6-Dinitrotoluene	ND	µg/L	10	SW 846 8270
3-Nitroaniline	ND	µg/L	10	SW 846 8270
Acenaphthene	ND	µg/L	10	SW 846 8270
2,4-Dinitrophenol	ND	µg/L	10	SW 846 8270
4-Nitrophenol	ND	µg/L	10	SW 846 8270
2,4-Dinitrotoluene	ND	µg/L	10	SW 846 8270
Diethyl phthalate	ND	µg/L	10	SW 846 8270
4-Chlorophenyl phenyl ether	ND	µg/L	10	SW 846 8270
Fluorene	ND	µg/L	10	SW 846 8270

CLIENT: Ucar Carbon Company, Incorporated
 SAMPLE ID: BW-4
 COLLECTION METHOD: Grab
 COLLECTION DATE(S):
 SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
 AES SAMPLE ID: 71VB-6

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
4-Nitroaniline	ND	µg/L	10	SW 846 8270
4,6-Dinitro-2-methylphenol	ND	µg/L	10	SW 846 8270
n-Nitrosodiphenylamine	ND	µg/L	10	SW 846 8270
4-Bromophenyl phenyl ether	ND	µg/L	10	SW 846 8270
Hexachlorobenzene	ND	µg/L	10	SW 846 8270
Pentachlorophenol	ND	µg/L	10	SW 846 8270
Phenanthrene	ND	µg/L	10	SW 846 8270
Anthracene	ND	µg/L	10	SW 846 8270
Carbazole	ND	µg/L	50	SW 846 8270
di-n-Butylphthalate	ND	µg/L	10	SW 846 8270
Fluoranthene	ND	µg/L	10	SW 846 8270
Pyrene	ND	µg/L	10	SW 846 8270
Butyl benzyl phthalate	ND	µg/L	10	SW 846 8270
3,3'-Dichlorobenzidine	ND	µg/L	10	SW 846 8270
Benzo(a)anthracene	ND	µg/L	10	SW 846 8270
Chrysene	ND	µg/L	10	SW 846 8270
bis(2ethylhexyl)phthalate	ND	µg/L	10	SW 846 8270
di-n-Octylphthalate	ND	µg/L	10	SW 846 8270
Benzo(b)fluoranthene	ND	µg/L	10	SW 846 8270
Benzo(k)fluoranthene	ND	µg/L	10	SW 846 8270
Benzo(a)pyrene	ND	µg/L	10	SW 846 8270
Indeno(1,2,3-cd)pyrene	ND	µg/L	10	SW 846 8270
Dibenzo(a,h)anthracene	ND	µg/L	10	SW 846 8270
Benzo(g,h,i)perylene	ND	µg/L	10	SW 846 8270

CLIENT: Ucar Carbon Company, Incorporated
SAMPLE ID: BW-5
COLLECTION METHOD: Grab
COLLECTION DATE(S): 06/04/97
SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
AES SAMPLE ID: 71VB-7

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Turbidity *	3.1	NTU	0.1	EPA 180.1
Ammonia	0.18	mg/L	0.05	EPA 350.3
Nitrite	ND	mg/L	0.04	HACH 8507
Total Kjeldahl Nitrogen	1.7 D	mg/L	0.4	EPA 351.3
Total Iron	1.2	mg/L	0.05	EPA 200.7
Soluble Iron	1.2	mg/L	0.05	EPA 200.7
Total Potassium	3.9	mg/L	1.0	EPA 200.7
Soluble Potassium	1.2	mg/L	1.0	EPA 200.7
Total Zinc	0.09	mg/L	0.02	EPA 200.7
Soluble Zinc	0.09	mg/L	0.08	EPA 200.7

* Analysis performed in the field.

CLIENT: Ucar Carbon Company, Incorporated
 SAMPLE ID: BW-6
 COLLECTION METHOD: Grab
 COLLECTION DATE(S): 06/05/97
 SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
 AES SAMPLE ID: 71VB-8

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Turbidity *	8.2	NTU	0.1	EPA 180.1
Ammonia	0.5	mg/L	0.05	EPA 350.3
Nitrite	ND	mg/L	0.04	HACH 8507
Total Kjeldahl Nitrogen	1.0 D	mg/L	0.4	EPA 351.3
Total Iron	3.3	mg/L	0.05	EPA 200.7
Soluble Iron	2.3	mg/L	0.05	EPA 200.7
Total Potassium	2.0	mg/L	1.0	EPA 200.7
Soluble Potassium	1.6	mg/L	1.0	EPA 200.7
Total Zinc	ND	mg/L	0.02	EPA 200.7
Soluble Zinc	ND	mg/L	0.08	EPA 200.7
Chloromethane	ND	µg/L	10	SW 846 8240
Bromomethane	ND	µg/L	10	SW 846 8240
Vinyl chloride	ND	µg/L	10	SW 846 8240
Chloroethane	ND	µg/L	10	SW 846 8240
Methylene chloride	ND	µg/L	10	SW 846 8240
Acetone	ND	µg/L	10	SW 846 8240
Carbon disulfide	ND	µg/L	10	SW 846 8240
1,1-Dichloroethene	ND	µg/L	10	SW 846 8240
1,1-Dichloroethane	ND	µg/L	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	10	SW 846 8240
Chloroform	ND	µg/L	10	SW 846 8240
1,2-Dichloroethane	ND	µg/L	10	SW 846 8240
2-Butanone	ND	µg/L	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	10	SW 846 8240
Carbon tetrachloride	ND	µg/L	10	SW 846 8240
Bromodichloromethane	ND	µg/L	10	SW 846 8240
1,2-Dichloropropane	ND	µg/L	10	SW 846 8240
cis-1,3-Dichloropropene	ND	µg/L	10	SW 846 8240

* Analysis performed in the field.

CLIENT: Ucar Carbon Company, Incorporated
 SAMPLE ID: BW-6
 COLLECTION METHOD: Grab
 COLLECTION DATE(S): 06/05/97
 SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
 AES SAMPLE ID: 71VB-8

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Trichloroethene	ND	µg/L	10	SW 846 8240
Chlorodibromomethane	ND	µg/L	10	SW 846 8240
1,1,2-Trichloroethane	ND	µg/L	10	SW 846 8240
Benzene	ND	µg/L	10	SW 846 8240
trans-1,3-Dichloropropene	ND	µg/L	10	SW 846 8240
Bromoform	ND	µg/L	10	SW 846 8240
4-Methyl-2-pentanone	ND	µg/L	10	SW 846 8240
2-Hexanone	ND	µg/L	10	SW 846 8240
Tetrachloroethene	ND	µg/L	10	SW 846 8240
Toluene	ND	µg/L	10	SW 846 8240
1,1,2,2-Tetrachloroethane	ND	µg/L	10	SW 846 8240
Chlorobenzene	ND	µg/L	10	SW 846 8240
Ethylbenzene	ND	µg/L	10	SW 846 8240
Styrene	ND	µg/L	10	SW 846 8240
m-Xylene	ND	µg/L	10	SW 846 8240
o/p-Xylene	ND	µg/L	10	SW 846 8240
Aniline	ND	µg/L	10	SW 846 8270
Benzoic acid	ND	µg/L	10	SW 846 8270
Benzyl alcohol	ND	µg/L	10	SW 846 8270
Phenol	ND	µg/L	10	SW 846 8270
bis(2-chloroethyl)ether	ND	µg/L	10	SW 846 8270
2-Chlorophenol	ND	µg/L	10	SW 846 8270
1,3-Dichlorobenzene	ND	µg/L	10	SW 846 8270
1,4-Dichlorobenzene	ND	µg/L	10	SW 846 8270
1,2-Dichlorobenzene	ND	µg/L	10	SW 846 8270
2-Methylphenol	ND	µg/L	10	SW 846 8270
bis(2-chloroisopropyl)ether	ND	µg/L	10	SW 846 8270
4-Methylphenol	ND	µg/L	10	SW 846 8270
n-Nitrosodi-n-propylamine	ND	µg/L	10	SW 846 8270

CLIENT: Ucar Carbon Company, Incorporated
 SAMPLE ID: BW-6
 COLLECTION METHOD: Grab
 COLLECTION DATE(S): 06/05/97
 SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
 AES SAMPLE ID: 71VB-8

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Hexachloroethane	ND	µg/L	10	SW 846 8270
Nitrobenzene	ND	µg/L	10	SW 846 8270
Isophorone	ND	µg/L	10	SW 846 8270
2-Nitrophenol	ND	µg/L	10	SW 846 8270
2,4-Dimethylphenol	ND	µg/L	10	SW 846 8270
bis(2-chloroethoxy)methane	ND	µg/L	10	SW 846 8270
2,4-Dichlorophenol	ND	µg/L	10	SW 846 8270
1,2,4-Trichlorobenzene	ND	µg/L	10	SW 846 8270
Naphthalene	ND	µg/L	10	SW 846 8270
4-Chloroaniline	ND	µg/L	10	SW 846 8270
Hexachlorobutadiene	ND	µg/L	10	SW 846 8270
4-Chloro-3-methylphenol	ND	µg/L	10	SW 846 8270
2-Methylnaphthalene	ND	µg/L	10	SW 846 8270
Hexachlorocyclopentadiene	ND	µg/L	10	SW 846 8270
2,4,6-Trichlorophenol	ND	µg/L	10	SW 846 8270
2,4,5-Trichlorophenol	ND	µg/L	10	SW 846 8270
2-Chloronaphthalene	ND	µg/L	10	SW 846 8270
2-Nitroaniline	ND	µg/L	10	SW 846 8270
Dimethyl phthalate	ND	µg/L	10	SW 846 8270
Acenaphthylene	ND	µg/L	10	SW 846 8270
2,6-Dinitrotoluene	ND	µg/L	10	SW 846 8270
3-Nitroaniline	ND	µg/L	10	SW 846 8270
Acenaphthene	ND	µg/L	10	SW 846 8270
2,4-Dinitrophenol	ND	µg/L	10	SW 846 8270
4-Nitrophenol	ND	µg/L	10	SW 846 8270
2,4-Dinitrotoluene	ND	µg/L	10	SW 846 8270
Diethyl phthalate	ND	µg/L	10	SW 846 8270
4-Chlorophenyl phenyl ether	ND	µg/L	10	SW 846 8270
Fluorene	ND	µg/L	10	SW 846 8270

CLIENT: Ucar Carbon Company, Incorporated
 SAMPLE ID: BW-6
 COLLECTION METHOD: Grab
 COLLECTION DATE(S): 06/05/97
 SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
 AES SAMPLE ID: 71VB-8

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
4-Nitroaniline	ND	µg/L	10	SW 846 8270
4,6-Dinitro-2-methylphenol	ND	µg/L	10	SW 846 8270
n-Nitrosodiphenylamine	ND	µg/L	10	SW 846 8270
4-Bromophenyl phenyl ether	ND	µg/L	10	SW 846 8270
Hexachlorobenzene	ND	µg/L	10	SW 846 8270
Pentachlorophenol	ND	µg/L	10	SW 846 8270
Phenanthrene	ND	µg/L	10	SW 846 8270
Anthracene	ND	µg/L	10	SW 846 8270
Carbazole	ND	µg/L	50	SW 846 8270
di-n-Butylphthalate	ND	µg/L	10	SW 846 8270
Fluoranthene	ND	µg/L	10	SW 846 8270
Pyrene	ND	µg/L	10	SW 846 8270
Butyl benzyl phthalate	ND	µg/L	10	SW 846 8270
3,3'-Dichlorobenzidine	ND	µg/L	10	SW 846 8270
Benzo(a)anthracene	ND	µg/L	10	SW 846 8270
Chrysene	ND	µg/L	10	SW 846 8270
bis(2ethylhexyl)phthalate	ND	µg/L	10	SW 846 8270
di-n-Octylphthalate	ND	µg/L	10	SW 846 8270
Benzo(b)fluoranthene	ND	µg/L	10	SW 846 8270
Benzo(k)fluoranthene	ND	µg/L	10	SW 846 8270
Benzo(a)pyrene	ND	µg/L	10	SW 846 8270
Indeno(1,2,3-cd)pyrene	ND	µg/L	10	SW 846 8270
Dibenzo(a,h)anthracene	ND	µg/L	10	SW 846 8270
Benzo(g,h,i)perylene	ND	µg/L	10	SW 846 8270

CLIENT: Ucar Carbon Company, Incorporated
 SAMPLE ID: Blind Duplicate
 COLLECTION METHOD: Grab
 COLLECTION DATE(S):
 SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
 AES SAMPLE ID: 71VB-9

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Turbidity *	3.9	NTU	0.1	EPA 180.1
Ammonia	3.0	mg/L	0.05	EPA 350.3
Nitrite	ND	mg/L	0.04	HACH 8507
Total Kjeldahl Nitrogen	4 D	mg/L	0.4	EPA 351.3
Total Iron	2.3	mg/L	0.05	EPA 200.7
Soluble Iron	2.1	mg/L	0.05	EPA 200.7
Total Potassium	14	mg/L	1.0	EPA 200.7
Soluble Potassium	14	mg/L	1.0	EPA 200.7
Total Zinc	0.05	mg/L	0.02	EPA 200.7
Soluble Zinc	ND	mg/L	0.08	EPA 200.7
Chloromethane	ND	µg/L	50	SW 846 8240
Bromomethane	ND	µg/L	50	SW 846 8240
Vinyl chloride	110 D	µg/L	50	SW 846 8240
Chloroethane	ND	µg/L	50	SW 846 8240
Methylene chloride	ND	µg/L	50	SW 846 8240
Acetone	ND	µg/L	50	SW 846 8240
Carbon disulfide	ND	µg/L	50	SW 846 8240
1,1-Dichloroethene	ND	µg/L	50	SW 846 8240
1,1-Dichloroethane	ND	µg/L	50	SW 846 8240
1,2-Dichloroethylene (total)	420 D	µg/L	50	SW 846 8240
Chloroform	ND	µg/L	50	SW 846 8240
1,2-Dichloroethane	ND	µg/L	50	SW 846 8240
2-Butanone	ND	µg/L	50	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	50	SW 846 8240
Carbon tetrachloride	ND	µg/L	50	SW 846 8240
Bromodichloromethane	ND	µg/L	50	SW 846 8240
1,2-Dichloropropane	ND	µg/L	50	SW 846 8240
cis-1,3-Dichloropropene	ND	µg/L	50	SW 846 8240

* Analysis performed in the field.

CLIENT: Ucar Carbon Company, Incorporated
 SAMPLE ID: Blind Duplicate
 COLLECTION METHOD: Grab
 COLLECTION DATE(S):
 SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
 AES SAMPLE ID: 71VB-9

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Trichloroethene	220 D	µg/L	50	SW 846 8240
Chlorodibromomethane	ND	µg/L	50	SW 846 8240
1,1,2-Trichloroethane	ND	µg/L	50	SW 846 8240
Benzene	ND	µg/L	50	SW 846 8240
trans-1,3-Dichloropropene	ND	µg/L	50	SW 846 8240
Bromoform	ND	µg/L	50	SW 846 8240
4-Methyl-2-pentanone	ND	µg/L	50	SW 846 8240
2-Hexanone	ND	µg/L	50	SW 846 8240
Tetrachloroethene	160 D	µg/L	50	SW 846 8240
Toluene	ND	µg/L	50	SW 846 8240
1,1,2,2-Tetrachloroethane	ND	µg/L	50	SW 846 8240
Chlorobenzene	ND	µg/L	50	SW 846 8240
Ethylbenzene	ND	µg/L	50	SW 846 8240
Styrene	ND	µg/L	50	SW 846 8240
m-Xylene	ND	µg/L	50	SW 846 8240
o/p-Xylene	ND	µg/L	50	SW 846 8240
Aniline	ND	µg/L	10	SW 846 8270
Benzoic acid	ND	µg/L	10	SW 846 8270
Benzyl alcohol	ND	µg/L	10	SW 846 8270
Phenol	ND	µg/L	10	SW 846 8270
bis(2-chloroethyl)ether	ND	µg/L	10	SW 846 8270
2-Chlorophenol	ND	µg/L	10	SW 846 8270
1,3-Dichlorobenzene	ND	µg/L	10	SW 846 8270
1,4-Dichlorobenzene	ND	µg/L	10	SW 846 8270
1,2-Dichlorobenzene	ND	µg/L	10	SW 846 8270
2-Methylphenol	ND	µg/L	10	SW 846 8270
bis(2-chloroisopropyl)ether	ND	µg/L	10	SW 846 8270
4-Methylphenol	ND	µg/L	10	SW 846 8270
n-Nitrosodi-n-propylamine	ND	µg/L	10	SW 846 8270

CLIENT: Ucar Carbon Company, Incorporated
 SAMPLE ID: Blind Duplicate
 COLLECTION METHOD: Grab
 COLLECTION DATE(S):
 SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
 AES SAMPLE ID: 71VB-9

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Hexachloroethane	ND	µg/L	10	SW 846 8270
Nitrobenzene	ND	µg/L	10	SW 846 8270
Isophorone	ND	µg/L	10	SW 846 8270
2-Nitrophenol	ND	µg/L	10	SW 846 8270
2,4-Dimethylphenol	ND	µg/L	10	SW 846 8270
bis(2-chloroethoxy)methane	ND	µg/L	10	SW 846 8270
2,4-Dichlorophenol	ND	µg/L	10	SW 846 8270
1,2,4-Trichlorobenzene	ND	µg/L	10	SW 846 8270
Naphthalene	ND	µg/L	10	SW 846 8270
4-Chloroaniline	ND	µg/L	10	SW 846 8270
Hexachlorobutadiene	ND	µg/L	10	SW 846 8270
4-Chloro-3-methylphenol	ND	µg/L	10	SW 846 8270
2-Methylnaphthalene	ND	µg/L	10	SW 846 8270
Hexachlorocyclopentadiene	ND	µg/L	10	SW 846 8270
2,4,6-Trichlorophenol	ND	µg/L	10	SW 846 8270
2,4,5-Trichlorophenol	ND	µg/L	10	SW 846 8270
2-Chloronaphthalene	ND	µg/L	10	SW 846 8270
2-Nitroaniline	ND	µg/L	10	SW 846 8270
Dimethyl phthalate	ND	µg/L	10	SW 846 8270
Acenaphthylene	ND	µg/L	10	SW 846 8270
2,6-Dinitrotoluene	ND	µg/L	10	SW 846 8270
3-Nitroaniline	ND	µg/L	10	SW 846 8270
Acenaphthene	ND	µg/L	10	SW 846 8270
2,4-Dinitrophenol	ND	µg/L	10	SW 846 8270
4-Nitrophenol	ND	µg/L	10	SW 846 8270
2,4-Dinitrotoluene	ND	µg/L	10	SW 846 8270
Diethyl phthalate	ND	µg/L	10	SW 846 8270
4-Chlorophenyl phenyl ether	ND	µg/L	10	SW 846 8270
Fluorene	ND	µg/L	10	SW 846 8270

CLIENT: Ucar Carbon Company, Incorporated
 SAMPLE ID: Blind Duplicate
 COLLECTION METHOD: Grab
 COLLECTION DATE(S):
 SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
 AES SAMPLE ID: 71VB-9

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
4-Nitroaniline	ND	µg/L	10	SW 846 8270
4,6-Dinitro-2-methylphenol	ND	µg/L	10	SW 846 8270
n-Nitrosodiphenylamine	ND	µg/L	10	SW 846 8270
4-Bromophenyl phenyl ether	ND	µg/L	10	SW 846 8270
Hexachlorobenzene	ND	µg/L	10	SW 846 8270
Pentachlorophenol	ND	µg/L	10	SW 846 8270
Phenanthrene	ND	µg/L	10	SW 846 8270
Anthracene	ND	µg/L	10	SW 846 8270
Carbazole	ND	µg/L	50	SW 846 8270
di-n-Butylphthalate	ND	µg/L	10	SW 846 8270
Fluoranthene	ND	µg/L	10	SW 846 8270
Pyrene	ND	µg/L	10	SW 846 8270
Butyl benzyl phthalate	ND	µg/L	10	SW 846 8270
3,3'-Dichlorobenzidine	ND	µg/L	10	SW 846 8270
Benzo(a)anthracene	ND	µg/L	10	SW 846 8270
Chrysene	ND	µg/L	10	SW 846 8270
bis(2ethylhexyl)phthalate	ND	µg/L	10	SW 846 8270
di-n-Octylphthalate	ND	µg/L	10	SW 846 8270
Benzo(b)fluoranthene	ND	µg/L	10	SW 846 8270
Benzo(k)fluoranthene	ND	µg/L	10	SW 846 8270
Benzo(a)pyrene	ND	µg/L	10	SW 846 8270
Indeno(1,2,3-cd)pyrene	ND	µg/L	10	SW 846 8270
Dibenzo(a,h)anthracene	ND	µg/L	10	SW 846 8270
Benzo(g,h,i)perylene	ND	µg/L	10	SW 846 8270

CLIENT: Ucar Carbon Company, Incorporated
 SAMPLE ID: Trip Blank
 COLLECTION METHOD: Grab
 COLLECTION DATE(S): 06/04/97
 SAMPLE TYPE: D.I. Water

AES CLIENT ID: CTC
 AES SAMPLE ID: 71VB-10

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Turbidity *	2.9	NTU	0.1	EPA 180.1
Ammonia	0.01	mg/L	0.05	EPA 350.3
Nitrite	ND	mg/L	0.04	HACH 8507
Total Kjeldahl Nitrogen	0.8 D	mg/L	0.4	EPA 351.3
Total Iron	ND	mg/L	0.05	EPA 200.7
Total Potassium	1.0	mg/L	1.0	EPA 200.7
Total Zinc	ND	mg/L	0.02	EPA 200.7
Chloromethane	ND	µg/L	10	SW 846 8240
Bromomethane	ND	µg/L	10	SW 846 8240
Vinyl chloride	ND	µg/L	10	SW 846 8240
Chloroethane	ND	µg/L	10	SW 846 8240
Methylene chloride	ND	µg/L	10	SW 846 8240
Acetone	ND	µg/L	10	SW 846 8240
Carbon disulfide	ND	µg/L	10	SW 846 8240
1,1-Dichloroethene	ND	µg/L	10	SW 846 8240
1,1-Dichloroethane	ND	µg/L	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	10	SW 846 8240
Chloroform	ND	µg/L	10	SW 846 8240
1,2-Dichloroethane	ND	µg/L	10	SW 846 8240
2-Butanone	ND	µg/L	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	10	SW 846 8240
Carbon tetrachloride	ND	µg/L	10	SW 846 8240
Bromodichloromethane	ND	µg/L	10	SW 846 8240
1,2-Dichloropropane	ND	µg/L	10	SW 846 8240
cis-1,3-Dichloropropene	ND	µg/L	10	SW 846 8240
Trichloroethene	ND	µg/L	10	SW 846 8240
Chlorodibromomethane	ND	µg/L	10	SW 846 8240
1,1,2-Trichloroethane	ND	µg/L	10	SW 846 8240

* Analysis performed in the field.

CLIENT: Ucar Carbon Company, Incorporated
 SAMPLE ID: Trip Blank
 COLLECTION METHOD: Grab
 COLLECTION DATE(S): 06/04/97
 SAMPLE TYPE: D.I. Water

AES CLIENT ID: CTC
 AES SAMPLE ID: 71VB-10

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Benzene	ND	µg/L	10	SW 846 8240
trans-1,3-Dichloropropene	ND	µg/L	10	SW 846 8240
Bromoform	ND	µg/L	10	SW 846 8240
4-Methyl-2-pentanone	ND	µg/L	10	SW 846 8240
2-Hexanone	ND	µg/L	10	SW 846 8240
Tetrachloroethene	ND	µg/L	10	SW 846 8240
Toluene	ND	µg/L	10	SW 846 8240
1,1,2,2-Tetrachloroethane	ND	µg/L	10	SW 846 8240
Chlorobenzene	ND	µg/L	10	SW 846 8240
Ethylbenzene	ND	µg/L	10	SW 846 8240
Styrene	ND	µg/L	10	SW 846 8240
m-Xylene	ND	µg/L	10	SW 846 8240
o/p-Xylene	ND	µg/L	10	SW 846 8240
Aniline	ND	µg/L	10	SW 846 8270
Benzoic acid	ND	µg/L	10	SW 846 8270
Benzyl alcohol	ND	µg/L	10	SW 846 8270
Phenol	ND	µg/L	10	SW 846 8270
bis(2-chloroethyl)ether	ND	µg/L	10	SW 846 8270
2-Chlorophenol	ND	µg/L	10	SW 846 8270
1,3-Dichlorobenzene	ND	µg/L	10	SW 846 8270
1,4-Dichlorobenzene	ND	µg/L	10	SW 846 8270
1,2-Dichlorobenzene	ND	µg/L	10	SW 846 8270
2-Methylphenol	ND	µg/L	10	SW 846 8270
bis(2-chloroisopropyl)ether	ND	µg/L	10	SW 846 8270
4-Methylphenol	ND	µg/L	10	SW 846 8270
n-Nitrosodi-n-propylamine	ND	µg/L	10	SW 846 8270
Hexachloroethane	ND	µg/L	10	SW 846 8270
Nitrobenzene	ND	µg/L	10	SW 846 8270
Isophorone	ND	µg/L	10	SW 846 8270

CLIENT: Ucar Carbon Company, Incorporated
 SAMPLE ID: Trip Blank
 COLLECTION METHOD: Grab
 COLLECTION DATE(S): 06/04/97
 SAMPLE TYPE: D.I. Water

AES CLIENT ID: CTC
 AES SAMPLE ID: 71VB-10

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
2-Nitrophenol	ND	µg/L	10	SW 846 8270
2,4-Dimethylphenol	ND	µg/L	10	SW 846 8270
bis(2-chloroethoxy)methane	ND	µg/L	10	SW 846 8270
2,4-Dichlorophenol	ND	µg/L	10	SW 846 8270
1,2,4-Trichlorobenzene	ND	µg/L	10	SW 846 8270
Naphthalene	ND	µg/L	10	SW 846 8270
4-Chloroaniline	ND	µg/L	10	SW 846 8270
Hexachlorobutadiene	ND	µg/L	10	SW 846 8270
4-Chloro-3-methylphenol	ND	µg/L	10	SW 846 8270
2-Methylnaphthalene	ND	µg/L	10	SW 846 8270
Hexachlorocyclopentadiene	ND	µg/L	10	SW 846 8270
2,4,6-Trichlorophenol	ND	µg/L	10	SW 846 8270
2,4,5-Trichlorophenol	ND	µg/L	10	SW 846 8270
2-Chloronaphthalene	ND	µg/L	10	SW 846 8270
2-Nitroaniline	ND	µg/L	10	SW 846 8270
Dimethyl phthalate	ND	µg/L	10	SW 846 8270
Acenaphthylene	ND	µg/L	10	SW 846 8270
2,6-Dinitrotoluene	ND	µg/L	10	SW 846 8270
3-Nitroaniline	ND	µg/L	10	SW 846 8270
Acenaphthene	ND	µg/L	10	SW 846 8270
2,4-Dinitrophenol	ND	µg/L	10	SW 846 8270
4-Nitrophenol	ND	µg/L	10	SW 846 8270
2,4-Dinitrotoluene	ND	µg/L	10	SW 846 8270
Diethyl phthalate	ND	µg/L	10	SW 846 8270
4-Chlorophenyl phenyl ether	ND	µg/L	10	SW 846 8270
Fluorene	ND	µg/L	10	SW 846 8270
4-Nitroaniline	ND	µg/L	10	SW 846 8270
4,6-Dinitro-2-methylphenol	ND	µg/L	10	SW 846 8270
n-Nitrosodiphenylamine	ND	µg/L	10	SW 846 8270

CLIENT: Ucar Carbon Company, Incorporated
 SAMPLE ID: Trip Blank
 COLLECTION METHOD: Grab
 COLLECTION DATE(S): 06/04/97
 SAMPLE TYPE: D.I. Water

AES CLIENT ID: CTC
 AES SAMPLE ID: 71VB-10

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
4-Bromophenyl phenyl ether	ND	µg/L	10	SW 846 8270
Hexachlorobenzene	ND	µg/L	10	SW 846 8270
Pentachlorophenol	ND	µg/L	10	SW 846 8270
Phenanthrene	ND	µg/L	10	SW 846 8270
Anthracene	ND	µg/L	10	SW 846 8270
Carbazole	ND	µg/L	50	SW 846 8270
di-n-Butylphthalate	ND	µg/L	10	SW 846 8270
Fluoranthene	ND	µg/L	10	SW 846 8270
Pyrene	ND	µg/L	10	SW 846 8270
Butyl benzyl phthalate	ND	µg/L	10	SW 846 8270
3,3'-Dichlorobenzidine	ND	µg/L	10	SW 846 8270
Benzo(a)anthracene	ND	µg/L	10	SW 846 8270
Chrysene	ND	µg/L	10	SW 846 8270
bis(2ethylhexyl)phthalate	ND	µg/L	10	SW 846 8270
di-n-Octylphthalate	ND	µg/L	10	SW 846 8270
Benzo(b)fluoranthene	ND	µg/L	10	SW 846 8270
Benzo(k)fluoranthene	ND	µg/L	10	SW 846 8270
Benzo(a)pyrene	ND	µg/L	10	SW 846 8270
Indeno(1,2,3-cd)pyrene	ND	µg/L	10	SW 846 8270
Dibenzo(a,h)anthracene	ND	µg/L	10	SW 846 8270
Benzo(g,h,i)perylene	ND	µg/L	10	SW 846 8270

CLIENT: Ucar Carbon Company, Incorporated
SAMPLE ID: MW-2
COLLECTION METHOD: Grab
COLLECTION DATE(S):
SAMPLE TYPE: Groundwater

AES CLIENT ID: CTC
AES SAMPLE ID: 71VB-11

PROJECT ID: 71VB

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Turbidity *	210	NTU	0.1	EPA 180.1
Ammonia	2.9	mg/L	0.05	EPA 350.3
Nitrite	ND	mg/L	0.2 **	HACH 8507
Total Kjeldahl Nitrogen	3.0 D	mg/L	0.4	EPA 351.3

* Analysis performed in the field.

** High limit due to sample matrix; dilution was required.

CLIENT: Ucar Carbon Company, Incorporated

AES CLIENT ID: CTC
PROJECT ID: 71VB

ACCURACY

Analytical Parameter(s)	Method	Sample ID	Type	Percent Recovery
Ammonia	EPA 350.3	71VB-8	Matrix Spike	108
Nitrite	HACH 8507	71VB-8	Matrix Spike	104
Total Kjeldahl Nitrogen	EPA 351.3	71VB-8	Matrix Spike	98
Total Iron	EPA 200.7	71VB-8	Matrix Spike	100
Soluble Iron	EPA 200.7	71VB-8	Matrix Spike	95
Total Potassium	EPA 200.7	71VB-8	Matrix Spike	121
Soluble Potassium	EPA 200.7	71VB-8	Matrix Spike	106
Total Zinc	EPA 200.7	71VB-8	Matrix Spike	94
Soluble Zinc	EPA 200.7	71VB-8	Matrix Spike	94
Chloromethane	SW 846 8240	71VB-8	Matrix Spike	92
Bromomethane	SW 846 8240	71VB-8	Matrix Spike	98
Vinyl chloride	SW 846 8240	71VB-8	Matrix Spike	112
Chloroethane	SW 846 8240	71VB-8	Matrix Spike	86
Methylene chloride	SW 846 8240	71VB-8	Matrix Spike	100
Acetone	SW 846 8240	71VB-8	Matrix Spike	42
Carbon disulfide	SW 846 8240	71VB-8	Matrix Spike	88
1,1-Dichloroethene	SW 846 8240	71VB-8	Matrix Spike	76
1,1-Dichloroethane	SW 846 8240	71VB-8	Matrix Spike	92
1,2-Dichloroethylene (total)	SW 846 8240	71VB-8	Matrix Spike	96
Chloroform	SW 846 8240	71VB-8	Matrix Spike	98
1,2-Dichloroethane	SW 846 8240	71VB-8	Matrix Spike	96
2-Butanone	SW 846 8240	71VB-8	Matrix Spike	40
1,1,1-Trichloroethane	SW 846 8240	71VB-8	Matrix Spike	100
Carbon tetrachloride	SW 846 8240	71VB-8	Matrix Spike	102
Bromodichloromethane	SW 846 8240	71VB-8	Matrix Spike	102
1,2-Dichloropropane	SW 846 8240	71VB-8	Matrix Spike	90
cis-1,3-Dichloropropene	SW 846 8240	71VB-8	Matrix Spike	80
Trichloroethene	SW 846 8240	71VB-8	Matrix Spike	96
Chlorodibromomethane	SW 846 8240	71VB-8	Matrix Spike	102

ADVANCED ENVIRONMENTAL SERVICES, INC.
QUALITY CONTROL REPORT

PAGE 2

CLIENT: Ucar Carbon Company, Incorporated

AES CLIENT ID: CTC
PROJECT ID: 71VB

ACCURACY

Analytical Parameter(s)	Method	Sample ID	Type	Percent Recovery
1,1,2-Trichloroethane	SW 846 8240	71VB-8	Matrix Spike	94
Benzene	SW 846 8240	71VB-8	Matrix Spike	90
trans-1,3-Dichloropropene	SW 846 8240	71VB-8	Matrix Spike	80
Bromoform	SW 846 8240	71VB-8	Matrix Spike	96
4-Methyl-2-pentanone	SW 846 8240	71VB-8	Matrix Spike	58
2-Hexanone	SW 846 8240	71VB-8	Matrix Spike	42
Tetrachloroethene	SW 846 8240	71VB-8	Matrix Spike	94
Toluene	SW 846 8240	71VB-8	Matrix Spike	88
1,1,2,2-Tetrachloroethane	SW 846 8240	71VB-8	Matrix Spike	84
Chlorobenzene	SW 846 8240	71VB-8	Matrix Spike	88
Ethylbenzene	SW 846 8240	71VB-8	Matrix Spike	92
Styrene	SW 846 8240	71VB-8	Matrix Spike	90
m-Xylene	SW 846 8240	71VB-8	Matrix Spike	90
o/p-Xylene	SW 846 8240	71VB-8	Matrix Spike	91
Phenol	SW 846 8270	71VB-8	Matrix Spike	37
bis(2-chloroethyl)ether	SW 846 8270	71VB-8	Matrix Spike	98
2-Chlorophenol	SW 846 8270	71VB-8	Matrix Spike	82
1,3-Dichlorobenzene	SW 846 8270	71VB-8	Matrix Spike	34
1,4-Dichlorobenzene	SW 846 8270	71VB-8	Matrix Spike	35
1,2-Dichlorobenzene	SW 846 8270	71VB-8	Matrix Spike	43
bis(2-chloroisopropyl)ether	SW 846 8270	71VB-8	Matrix Spike	80
n-Nitrosodi-n-propylamine	SW 846 8270	71VB-8	Matrix Spike	88
Hexachloroethane	SW 846 8270	71VB-8	Matrix Spike	25
Nitrobenzene	SW 846 8270	71VB-8	Matrix Spike	70
Isophorone	SW 846 8270	71VB-8	Matrix Spike	76
2-Nitrophenol	SW 846 8270	71VB-8	Matrix Spike	108
2,4-Dimethylphenol	SW 846 8270	71VB-8	Matrix Spike	76
bis(2-chloroethoxy)methane	SW 846 8270	71VB-8	Matrix Spike	79
2,4-Dichlorophenol	SW 846 8270	71VB-8	Matrix Spike	85

CLIENT: Ucar Carbon Company, Incorporated

AES CLIENT ID: CTC
PROJECT ID: 71VB

ACCURACY

Analytical Parameter(s)	Method	Sample ID	Type	Percent Recovery
1,2,4-Trichlorobenzene	SW 846 8270	71VB-8	Matrix Spike	57
Naphthalene	SW 846 8270	71VB-8	Matrix Spike	61
4-Chloroaniline	SW 846 8270	71VB-8	Matrix Spike	66
Hexachlorobutadiene	SW 846 8270	71VB-8	Matrix Spike	43
4-Chloro-3-methylphenol	SW 846 8270	71VB-8	Matrix Spike	93
Hexachlorocyclopentadiene	SW 846 8270	71VB-8	Matrix Spike	46
2,4,6-Trichlorophenol	SW 846 8270	71VB-8	Matrix Spike	91
2,4,5-Trichlorophenol	SW 846 8270	71VB-8	Matrix Spike	78
2-Chloronaphthalene	SW 846 8270	71VB-8	Matrix Spike	73
Dimethyl phthalate	SW 846 8270	71VB-8	Matrix Spike	79
Acenaphthylene	SW 846 8270	71VB-8	Matrix Spike	72
2,6-Dinitrotoluene	SW 846 8270	71VB-8	Matrix Spike	85
Acenaphthene	SW 846 8270	71VB-8	Matrix Spike	72
2,4-Dinitrophenol	SW 846 8270	71VB-8	Matrix Spike	59
4-Nitrophenol	SW 846 8270	71VB-8	Matrix Spike	45
2,4-Dinitrotoluene	SW 846 8270	71VB-8	Matrix Spike	88
Diethyl phthalate	SW 846 8270	71VB-8	Matrix Spike	77
4-Chlorophenyl phenyl ether	SW 846 8270	71VB-8	Matrix Spike	75
Fluorene	SW 846 8270	71VB-8	Matrix Spike	69
4,6-Dinitro-2-methylphenol	SW 846 8270	71VB-8	Matrix Spike	90
n-Nitrosodiphenylamine	SW 846 8270	71VB-8	Matrix Spike	94
4-Bromophenyl phenyl ether	SW 846 8270	71VB-8	Matrix Spike	81
Hexachlorobenzene	SW 846 8270	71VB-8	Matrix Spike	75
Pentachlorophenol	SW 846 8270	71VB-8	Matrix Spike	94
Phenanthrene	SW 846 8270	71VB-8	Matrix Spike	74
Anthracene	SW 846 8270	71VB-8	Matrix Spike	74
Carbazole	SW 846 8270	71VB-8	Matrix Spike	150
di-n-Butylphthalate	SW 846 8270	71VB-8	Matrix Spike	76
Fluoranthene	SW 846 8270	71VB-8	Matrix Spike	72

CLIENT: Ucar Carbon Company, Incorporated

AES CLIENT ID: CTC
PROJECT ID: 71VB

ACCURACY

Analytical Parameter(s)	Method	Sample ID	Type	Percent Recovery
Pyrene	SW 846 8270	71VB-8	Matrix Spike	78
Butyl benzyl phthalate	SW 846 8270	71VB-8	Matrix Spike	102
3,3'-Dichlorobenzidine	SW 846 8270	71VB-8	Matrix Spike	138
Benzo(a)anthracene	SW 846 8270	71VB-8	Matrix Spike	74
Chrysene	SW 846 8270	71VB-8	Matrix Spike	79
bis(2ethylhexyl)phthalate	SW 846 8270	71VB-8	Matrix Spike	97
di-n-Octylphthalate	SW 846 8270	71VB-8	Matrix Spike	101
Benzo(b)fluoranthene	SW 846 8270	71VB-8	Matrix Spike	79
Benzo(k)fluoranthene	SW 846 8270	71VB-8	Matrix Spike	75
Benzo(a)pyrene	SW 846 8270	71VB-8	Matrix Spike	75
Indeno(1,2,3-cd)pyrene	SW 846 8270	71VB-8	Matrix Spike	101
Dibenzo(a,h)anthracene	SW 846 8270	71VB-8	Matrix Spike	81
Benzo(g,h,i)perylene	SW 846 8270	71VB-8	Matrix Spike	74

CLIENT: Ucar Carbon Company, Incorporated

AES CLIENT ID: CTC
 PROJECT ID: 71VB

PRECISION

Analytical Parameter(s)	Method	Sample ID	Type	Relative % Difference
Ammonia	EPA 350.3	71VB-8	Duplicate	0
Nitrite	HACH 8507	71VB-8	Duplicate	NA
Total Kjeldahl Nitrogen	EPA 351.3	71VB-8	Duplicate	2
Total Iron	EPA 200.7	71VB-8	Duplicate	8.8
Soluble Iron	EPA 200.7	71VB-8	Duplicate	0.4
Total Potassium	EPA 200.7	71VB-8	Duplicate	1.6
Soluble Potassium	EPA 200.7	71VB-8	Duplicate	3.1
Total Zinc	EPA 200.7	71VB-8	Duplicate	NA
Soluble Zinc	EPA 200.7	71VB-8	Duplicate	NA
Chloromethane	SW 846 8240	71VB-8	Duplicate	NA
Bromomethane	SW 846 8240	71VB-8	Duplicate	NA
Vinyl chloride	SW 846 8240	71VB-8	Duplicate	NA
Chloroethane	SW 846 8240	71VB-8	Duplicate	NA
Methylene chloride	SW 846 8240	71VB-8	Duplicate	NA
Acetone	SW 846 8240	71VB-8	Duplicate	NA
Carbon disulfide	SW 846 8240	71VB-8	Duplicate	NA
1,1-Dichloroethene	SW 846 8240	71VB-8	Duplicate	NA
1,1-Dichloroethane	SW 846 8240	71VB-8	Duplicate	NA
1,2-Dichloroethylene (total)	SW 846 8240	71VB-8	Duplicate	NA
Chloroform	SW 846 8240	71VB-8	Duplicate	NA
1,2-Dichloroethane	SW 846 8240	71VB-8	Duplicate	NA
2-Butanone	SW 846 8240	71VB-8	Duplicate	NA
1,1,1-Trichloroethane	SW 846 8240	71VB-8	Duplicate	NA
Carbon tetrachloride	SW 846 8240	71VB-8	Duplicate	NA
Bromodichloromethane	SW 846 8240	71VB-8	Duplicate	NA
1,2-Dichloropropane	SW 846 8240	71VB-8	Duplicate	NA
cis-1,3-Dichloropropene	SW 846 8240	71VB-8	Duplicate	NA
Trichloroethene	SW 846 8240	71VB-8	Duplicate	NA

NA = NOT AVAILABLE - ORIGINAL AND/OR DUPLICATE RESULTS ARE BELOW REPORTED LIMITS

ADVANCED ENVIRONMENTAL SERVICES, INC.
QUALITY CONTROL REPORT

PAGE 2

CLIENT: Ucar Carbon Company, Incorporated

AES CLIENT ID: CTC
PROJECT ID: 71VB

PRECISION

Analytical Parameter(s)	Method	Sample ID	Type	Relative % Difference
Chlorodibromomethane	SW 846 8240	71VB-8	Duplicate	NA
1,1,2-Trichloroethane	SW 846 8240	71VB-8	Duplicate	NA
Benzene	SW 846 8240	71VB-8	Duplicate	NA
trans-1,3-Dichloropropene	SW 846 8240	71VB-8	Duplicate	NA
Bromoform	SW 846 8240	71VB-8	Duplicate	NA
4-Methyl-2-pentanone	SW 846 8240	71VB-8	Duplicate	NA
2-Hexanone	SW 846 8240	71VB-8	Duplicate	NA
Tetrachloroethene	SW 846 8240	71VB-8	Duplicate	NA
Toluene	SW 846 8240	71VB-8	Duplicate	NA
1,1,2,2-Tetrachloroethane	SW 846 8240	71VB-8	Duplicate	NA
Chlorobenzene	SW 846 8240	71VB-8	Duplicate	NA
Ethylbenzene	SW 846 8240	71VB-8	Duplicate	NA
Styrene	SW 846 8240	71VB-8	Duplicate	NA
m-Xylene	SW 846 8240	71VB-8	Duplicate	NA
o/p-Xylene	SW 846 8240	71VB-8	Duplicate	NA
Aniline	SW 846 8270	71VB-8	Duplicate	NA
Benzoic acid	SW 846 8270	71VB-8	Duplicate	NA
Benzyl alcohol	SW 846 8270	71VB-8	Duplicate	NA
Phenol	SW 846 8270	71VB-8	Duplicate	NA
bis(2-chloroethyl)ether	SW 846 8270	71VB-8	Duplicate	NA
2-Chlorophenol	SW 846 8270	71VB-8	Duplicate	NA
1,3-Dichlorobenzene	SW 846 8270	71VB-8	Duplicate	NA
1,4-Dichlorobenzene	SW 846 8270	71VB-8	Duplicate	NA
1,2-Dichlorobenzene	SW 846 8270	71VB-8	Duplicate	NA
2-Methylphenol	SW 846 8270	71VB-8	Duplicate	NA
bis(2-chloroisopropyl)ether	SW 846 8270	71VB-8	Duplicate	NA
4-Methylphenol	SW 846 8270	71VB-8	Duplicate	NA
n-Nitrosodi-n-propylamine	SW 846 8270	71VB-8	Duplicate	NA

NA = NOT AVAILABLE - ORIGINAL AND/OR DUPLICATE RESULTS ARE BELOW REPORTED LIMITS

CLIENT: Ucar Carbon Company, Incorporated

AES CLIENT ID: CTC
PROJECT ID: 71VB

PRECISION

Analytical Parameter(s)	Method	Sample ID	Type	Relative % Difference
Hexachloroethane	SW 846 8270	71VB-8	Duplicate	NA
Nitrobenzene	SW 846 8270	71VB-8	Duplicate	NA
Isophorone	SW 846 8270	71VB-8	Duplicate	NA
2-Nitrophenol	SW 846 8270	71VB-8	Duplicate	NA
2,4-Dimethylphenol	SW 846 8270	71VB-8	Duplicate	NA
bis(2-chloroethoxy)methane	SW 846 8270	71VB-8	Duplicate	NA
2,4-Dichlorophenol	SW 846 8270	71VB-8	Duplicate	NA
1,2,4-Trichlorobenzene	SW 846 8270	71VB-8	Duplicate	NA
Naphthalene	SW 846 8270	71VB-8	Duplicate	NA
4-Chloroaniline	SW 846 8270	71VB-8	Duplicate	NA
Hexachlorobutadiene	SW 846 8270	71VB-8	Duplicate	NA
4-Chloro-3-methylphenol	SW 846 8270	71VB-8	Duplicate	NA
2-Methylnaphthalene	SW 846 8270	71VB-8	Duplicate	NA
Hexachlorocyclopentadiene	SW 846 8270	71VB-8	Duplicate	NA
2,4,6-Trichlorophenol	SW 846 8270	71VB-8	Duplicate	NA
2,4,5-Trichlorophenol	SW 846 8270	71VB-8	Duplicate	NA
2-Chloronaphthalene	SW 846 8270	71VB-8	Duplicate	NA
2-Nitroaniline	SW 846 8270	71VB-8	Duplicate	NA
Dimethyl phthalate	SW 846 8270	71VB-8	Duplicate	NA
Acenaphthylene	SW 846 8270	71VB-8	Duplicate	NA
2,6-Dinitrotoluene	SW 846 8270	71VB-8	Duplicate	NA
3-Nitroaniline	SW 846 8270	71VB-8	Duplicate	NA
Acenaphthene	SW 846 8270	71VB-8	Duplicate	NA
2,4-Dinitrophenol	SW 846 8270	71VB-8	Duplicate	NA
4-Nitrophenol	SW 846 8270	71VB-8	Duplicate	NA
Dibenzofuran	SW 846 8270	71VB-8	Duplicate	NA
2,4-Dinitrotoluene	SW 846 8270	71VB-8	Duplicate	NA
Diethyl phthalate	SW 846 8270	71VB-8	Duplicate	NA

NA = NOT AVAILABLE - ORIGINAL AND/OR DUPLICATE RESULTS ARE BELOW REPORTED LIMITS

ADVANCED ENVIRONMENTAL SERVICES, INC.
QUALITY CONTROL REPORT

PAGE 4

CLIENT: Ucar Carbon Company, Incorporated

AES CLIENT ID: CTC
PROJECT ID: 71VB

PRECISION

Analytical Parameter(s)	Method	Sample ID	Type	Relative % Difference
4-Chlorophenyl phenyl ether	SW 846 8270	71VB-8	Duplicate	NA
Fluorene	SW 846 8270	71VB-8	Duplicate	NA
4-Nitroaniline	SW 846 8270	71VB-8	Duplicate	NA
4,6-Dinitro-2-methylphenol	SW 846 8270	71VB-8	Duplicate	NA
n-Nitrosodiphenylamine	SW 846 8270	71VB-8	Duplicate	NA
4-Bromophenyl phenyl ether	SW 846 8270	71VB-8	Duplicate	NA
Hexachlorobenzene	SW 846 8270	71VB-8	Duplicate	NA
Pentachlorophenol	SW 846 8270	71VB-8	Duplicate	NA
Phenanthrene	SW 846 8270	71VB-8	Duplicate	NA
Anthracene	SW 846 8270	71VB-8	Duplicate	NA
Carbazole	SW 846 8270	71VB-8	Duplicate	NA
di-n-Butylphthalate	SW 846 8270	71VB-8	Duplicate	NA
Fluoranthene	SW 846 8270	71VB-8	Duplicate	NA
Pyrene	SW 846 8270	71VB-8	Duplicate	NA
Butyl benzyl phthalate	SW 846 8270	71VB-8	Duplicate	NA
3,3'-Dichlorobenzidine	SW 846 8270	71VB-8	Duplicate	NA
Benzo(a)anthracene	SW 846 8270	71VB-8	Duplicate	NA
Chrysene	SW 846 8270	71VB-8	Duplicate	NA
bis(2ethylhexyl)phthalate	SW 846 8270	71VB-8	Duplicate	NA
di-n-Octylphthalate	SW 846 8270	71VB-8	Duplicate	NA
Benzo(b)fluoranthene	SW 846 8270	71VB-8	Duplicate	NA
Benzo(k)fluoranthene	SW 846 8270	71VB-8	Duplicate	NA
Benzo(a)pyrene	SW 846 8270	71VB-8	Duplicate	NA
Indeno(1,2,3-cd)pyrene	SW 846 8270	71VB-8	Duplicate	NA
Dibenzo(a,h)anthracene	SW 846 8270	71VB-8	Duplicate	NA
Benzo(g,h,i)perylene	SW 846 8270	71VB-8	Duplicate	NA

NA = NOT AVAILABLE - ORIGINAL AND/OR DUPLICATE RESULTS ARE BELOW REPORTED LIMITS

Advanced Environmental Services, Inc.
Sample Traceability Report

Project Identification

CTC 71VB

Sample #	Sample Collection	Group #	Run #	Prep Method	Prep Date	Analyst	Analytical Methodology	Analysis Date	Analyst
71VB-6	6-6-97	-	-	3570 625	6-11-97	TLH	625	6-20-97	LB
-8	6-5-97	-	-						
-9	6-6-97	-	-						
-10	6-4-97	-	-						

Please note: Areas marked by a dash indicate that no sample preparation is required under the applied methodology.

Advanced Environmental Services, Inc.
Sample Traceability Report

Project Identification CTC 71VB

Sample #	Sample Collection	Group #	Run #	Prep Method	Prep Date	Analyst	Analytical Methodology	Analysis Date	Analyst
71VB 1,3,7,10	6-4-6-5-97	2027	60	351.2	6-11-97	mc	351.2	6-11-97	mc
71VB 1,4,10	6/5/97	2120	81	-	-	-	8507	6-5-97	42 JG
71VB 5,6,11	6/4-6/97	2120	83	-	-	-	8507	6-6-97	CR
71VB 1	6-4-6-97	2005	655	-	-	-	350.3	6-25-97	mc
71VB 2,3,4,5	6-4-6-97	2027	62	351.3	6-26-97	mc	351.3	6-27-97	mc
71VB 4,5,8	6-4-6-97	2027	60	351.3	6-20-97	mc	351.3	6-20-97	mc

Please note: Areas marked by a dash indicate that no sample preparation is required under the applied methodology.

Project Identification

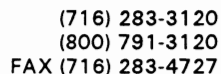
[illegible]

Please note: Areas marked by a dash indicate that no sample preparation is required under the applied methodology.

Project Identification

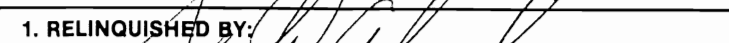
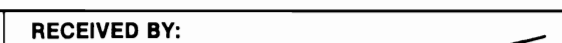
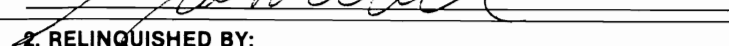
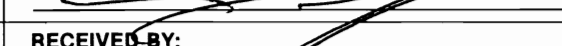
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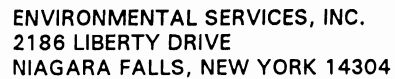
Please note: Areas marked by a dash indicate that no sample preparation is required under the applied methodology.



JOB CODE: OTC

SAMPLER'S SIGNATURE: [Signature]

1. RELINQUISHED BY: 	DATE 6-4-97	TIME 4:30 pm	RECEIVED BY: 
2. RELINQUISHED BY: 	DATE	TIME	RECEIVED BY: 
3. RELINQUISHED BY: 	DATE	TIME	RECEIVED BY: 



(716) 283-3120
(800) 791-3120
FAX (716) 283-4727

LICAR CARBON

Satt Ahl

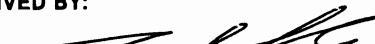
CONTAINER CLASSIFICATION	
UNPRESERVED	
HNO ₃	
H ₂ SO ₄	
HCL	
NAOH	
VIAL (PRES.)	
VIAL (UNPRES.)	
TOTAL	

PROJECT I.D. #: 71V13

JOB CODE: 272

TOTAL NUMBER OF CONTAINERS	37
-----------------------------------	-----------

NOTE: Please indicate required analysis, and whom we may contact with questions, if you have not yet done so through your customer service representative.

1. RELINQUISHED BY: 	DATE 6-5-97	TIME 4 ¹⁰ / ₁₅ pm	RECEIVED BY: 
2. RELINQUISHED BY: _____	DATE	TIME	RECEIVED BY: _____
3. RELINQUISHED BY: _____	DATE	TIME	RECEIVED BY: _____

(716) 283-3120
(800) 791-3120
FAX (716) 283-4727

CHAIN OF CUSTODY RECORD

PROJECT NAME:

ULCAR CARBON

SAMPLER'S SIGNATURE:

FILE (AIRBORN)
John A. ...
LB MP

CONTAINER CLASSIFICATION

PROJECT I.D. #: 71V13

JOB CODE: CTC

DATE _____

TIME

SAMPLE IDENTIFICATION

GRAB COMP

SAMPLE TYPE

UNPRESERVED
HNO₃
H₂S

 H_2SO_4

HCL NA

NAOH
VIA

VIAL (P)

RES.)
VIAL (UNPRES.)
TOTAL

RES
AL

JC

PARAMETERS/REMARKS

[illegible]**TOTAL NUMBER OF CONTAINERS**

19

NOTE: Please indicate required analysis, and whom we may contact with questions, if you have not yet done so through your customer service representative.

1. RELINQUISHED BY: 	DATE 6/6/97	TIME 4:15 PM	RECEIVED BY: 
2. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3. RELINQUISHED BY:	DATE	TIME	RECEIVED BY: