Western Operations

1252 Quarry Lane
P.O. Box 9019
Pleasanton, CA 94566
(510) 426-2600
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Clayton
ENVIRONMENTAL
CONSULTANTS

July 11, 1994

Mr. Everett Milton
CAPSULE ENVIRONMENTAL ENGINEERING, INC.
1970 Oakcrest Avenue, Suite 213
St. Paul, Minnesota 55113-2624

Clayton Project No. 56418.00

Subject: Analytical results of monitoring wells at the Ingersoll-Rand facility in San Leandro, California

Dear Mr. Milton:

Clayton Environmental Consultants, Inc. is pleased to present the enclosed analytical results for the groundwater sampling conducted on June 21, 1994 at the Ingersoll-Rand facility located at 1944 Marina Boulevard in San Leandro, California. The attached laboratory reports detail the analyses conducted for water samples collected from monitoring wells MW-1, MW-2, MW-3, and MW-4, and for observation well OB-1. Well field sampling forms describing the sampling of the wells are also enclosed.

If you have any questions regarding the sampling event, please call me at (510) 426-2676 or Richard Silva at (510) 426-2670.

Sincerely,

John F. Vargas, R.G.
Supervisor, Geosciences and Remediation
Western Operations

JFV/rjs
Enclosures

File: San Leandro (10006) Remediation
Regulatory
GW Monitoring

Western Operations

1252 Quarry Lane
P.O. Box 9019
Pleasanton, CA 94566
(510) 426-2600
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Clayton
ENVIRONMENTAL
CONSULTANTS

July 6, 1994

Mr. John Vargas
CLAYTON ENVIRONMENTAL CONS.
1252 Quarry Lane
Pleasanton, CA 94566

Client Ref.: 56418.00
Clayton Project No.: 94062.88

Dear Mr. Vargas:

Attached is our analytical laboratory report for the samples received on June 22, 1994. A copy of the Chain-of-Custody form acknowledging receipt of these samples is attached.

Please note that any unused portion of the samples will be disposed of after August 5, 1994, unless you have requested otherwise.

We appreciate the opportunity to be of assistance to you. If you have any questions, please contact Suzanne Silvera, Client Services Supervisor, at (510) 426-2657.

Sincerely,

Harriotte A. Hurley, CIH
Director, Laboratory Services
Western Operations

HAH/kli

Attachments

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	MW-1	Date Sampled:	06/21/94
Lab Number:	9406288-01A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	06/30/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds			
Acetone	67-64-1	ND	20
Benzene	71-43-2	ND	5
Bromobenzene	108-86-1	ND	5
Bromochloromethane	74-97-5	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	5
2-Butanone	78-93-3	ND	20
n-Butylbenzene	104-51-8	ND	5
Carbon disulfide	75-15-0	ND	5
Carbon tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	5
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	5
2-Chlorotoluene	95-49-8	ND	5
4-Chlorotoluene	106-43-4	ND	5
Dibromochloromethane	124-48-1	ND	5
1,2-Dibromo-3-chloropropane	96-12-8	ND	5
1,2-Dibromoethane	106-93-4	ND	5
Dibromomethane	74-95-3	ND	5
1,2-Dichlorobenzene	95-50-1	ND	5
1,3-Dichlorobenzene	541-73-1	ND	5
1,4-Dichlorobenzene	106-46-7	ND	5
Dichlorodifluoromethane	75-71-8	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
cis-1,2-Dichloroethene	156-59-2	ND	5
trans-1,2-Dichloroethene	156-60-5	ND	5

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	MW-1	Date Sampled:	06/21/94
Lab Number:	9406288-01A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	06/30/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds (Continued)			
1,2-Dichloropropane	78-87-5	ND	5
1,3-Dichloropropane	142-28-9	ND	5
2,2-Dichloropropane	594-20-7	ND	5
1,1-Dichloropropene	563-58-6	ND	5
cis-1,3-dichloropropene	10061-01-5	ND	5
trans-1,3-dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
Freon 113	76-13-1	ND	5
Hexachlorobutadiene	87-68-3	ND	5
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	5
p-Isopropyltoluene	99-87-6	ND	5
Methylene chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	5
n-Propylbenzene	103-65-1	ND	5
sec-Butylbenzene	135-98-8	ND	5
Styrene	100-42-5	ND	5
tert-Butylbenzene	98-06-6	ND	5
1,1,1,2-Tetrachloroethane	630-20-6	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	108-88-3	ND	5
1,2,3-Trichlorobenzene	87-61-6	ND	5
1,2,4-Trichlorobenzene	120-82-1	ND	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	20	5
Trichlorofluoromethane	75-69-4	ND	5
1,2,3-Trichloropropane	96-18-4	ND	5

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	MW-1	Date Sampled:	06/21/94
Lab Number:	9406288-01A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	06/30/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds (Continued)			
1,2,4-Trimethylbenzene	95-63-6	ND	5
1,3,5-Trimethylbenzene	108-67-8	ND	5
Vinyl acetate	108-05-4	ND	10
Vinyl chloride	75-01-4	ND	5
o-Xylene	95-47-6	ND	5
p,m-Xylenes	--	ND	5
Surrogates		Recovery (%)	QC Limits (%)
4-Bromofluorobenzene	460-00-4	114	74 - 121
Dibromofluoromethane	1868-53-7	97	80 - 120
Toluene-d8	2037-26-5	99	81 - 117

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	MW-2	Date Sampled:	06/21/94
Lab Number:	9406288-02A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds			
Acetone	67-64-1	ND	20
Benzene	71-43-2	ND	5
Bromobenzene	108-86-1	ND	5
Bromochloromethane	74-97-5	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	5
2-Butanone	78-93-3	ND	20
n-Butylbenzene	104-51-8	ND	5
Carbon disulfide	75-15-0	ND	5
Carbon tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	5
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	5
2-Chlorotoluene	95-49-8	ND	5
4-Chlorotoluene	106-43-4	ND	5
Dibromochloromethane	124-48-1	ND	5
1,2-Dibromo-3-chloropropane	96-12-8	ND	5
1,2-Dibromoethane	106-93-4	ND	5
Dibromomethane	74-95-3	ND	5
1,2-Dichlorobenzene	95-50-1	ND	5
1,3-Dichlorobenzene	541-73-1	ND	5
1,4-Dichlorobenzene	106-46-7	ND	5
Dichlorodifluoromethane	75-71-8	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
cis-1,2-Dichloroethene	156-59-2	ND	5
trans-1,2-Dichloroethene	156-60-5	ND	5

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	MW-2	Date Sampled:	06/21/94
Lab Number:	9406288-02A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds (Continued)			
1,2-Dichloropropane	78-87-5	ND	5
1,3-Dichloropropane	142-28-9	ND	5
2,2-Dichloropropane	594-20-7	ND	5
1,1-Dichloropropene	563-58-6	ND	5
cis-1,3-dichloropropene	10061-01-5	ND	5
trans-1,3-dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
Freon 113	76-13-1	ND	5
Hexachlorobutadiene	87-68-3	ND	5
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	5
p-Isopropyltoluene	99-87-6	ND	5
Methylene chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	5
n-Propylbenzene	103-65-1	ND	5
sec-Butylbenzene	135-98-8	ND	5
Styrene	100-42-5	ND	5
tert-Butylbenzene	98-06-6	ND	5
1,1,1,2-Tetrachloroethane	630-20-6	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	108-88-3	ND	5
1,2,3-Trichlorobenzene	87-61-6	ND	5
1,2,4-Trichlorobenzene	120-82-1	ND	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	5	5
Trichlorofluoromethane	75-69-4	ND	5
1,2,3-Trichloropropane	96-18-4	ND	5

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	MW-2	Date Sampled:	06/21/94
Lab Number:	9406288-02A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds (Continued)			
1,2,4-Trimethylbenzene	95-63-6	ND	5
1,3,5-Trimethylbenzene	108-67-8	ND	5
Vinyl acetate	108-05-4	ND	10
Vinyl chloride	75-01-4	ND	5
o-Xylene	95-47-6	ND	5
p,m-Xylenes	--	ND	5
Surrogates		Recovery (%)	QC Limits (%)
4-Bromofluorobenzene	460-00-4	115	74 - 121
Dibromofluoromethane	1868-53-7	94	80 - 120
Toluene-d8	2037-26-5	101	81 - 117

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	MW-3	Date Sampled:	06/21/94
Lab Number:	9406288-03A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds			
Acetone	67-64-1	ND	20
Benzene	71-43-2	34	5
Bromobenzene	108-86-1	ND	5
Bromochloromethane	74-97-5	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	5
2-Butanone	78-93-3	ND	20
n-Butylbenzene	104-51-8	7	5
Carbon disulfide	75-15-0	ND	5
Carbon tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	19	5
Chloroethane	75-00-3	ND	5
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	5
2-Chlorotoluene	95-49-8	ND	5
4-Chlorotoluene	106-43-4	ND	5
Dibromochloromethane	124-48-1	ND	5
1,2-Dibromo-3-chloropropane	96-12-8	ND	5
1,2-Dibromoethane	106-93-4	ND	5
Dibromomethane	74-95-3	ND	5
1,2-Dichlorobenzene	95-50-1	45	5
1,3-Dichlorobenzene	541-73-1	7	5
1,4-Dichlorobenzene	106-46-7	14	5
Dichlorodifluoromethane	75-71-8	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
cis-1,2-Dichloroethene	156-59-2	ND	5
trans-1,2-Dichloroethene	156-60-5	ND	5

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	MW-3	Date Sampled:	06/21/94
Lab Number:	9406288-03A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds (Continued)			
1,2-Dichloropropane	78-87-5	ND	5
1,3-Dichloropropane	142-28-9	ND	5
2,2-Dichloropropane	594-20-7	ND	5
1,1-Dichloropropene	563-58-6	ND	5
cis-1,3-dichloropropene	10061-01-5	ND	5
trans-1,3-dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	170	5
Freon 113	76-13-1	ND	5
Hexachlorobutadiene	87-68-3	ND	5
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	17	5
p-Isopropyltoluene	99-87-6	ND	5
Methylene chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	5
n-Propylbenzene	103-65-1	43	5
sec-Butylbenzene	135-98-8	ND	5
Styrene	100-42-5	ND	5
tert-Butylbenzene	98-06-6	ND	5
1,1,1,2-Tetrachloroethane	630-20-6	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	108-88-3	ND	5
1,2,3-Trichlorobenzene	87-61-6	ND	5
1,2,4-Trichlorobenzene	120-82-1	ND	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Trichlorofluoromethane	75-69-4	ND	5
1,2,3-Trichloropropane	96-18-4	ND	5

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	MW-3	Date Sampled:	06/21/94
Lab Number:	9406288-03A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds (Continued)			
1,2,4-Trimethylbenzene	95-63-6	120	5
1,3,5-Trimethylbenzene	108-67-8	22	5
Vinyl acetate	108-05-4	ND	10
Vinyl chloride	75-01-4	ND	5
o-Xylene	95-47-6	40	5
p,m-Xylenes	--	150	5
Surrogates		Recovery (%)	QC Limits (%)
4-Bromofluorobenzene	460-00-4	106	74 - 121
Dibromofluoromethane	1868-53-7	92	80 - 120
Toluene-d8	2037-26-5	101	81 - 117

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	MW-4	Date Sampled:	06/21/94
Lab Number:	9406288-04A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds			
Acetone	67-64-1	ND	100
Benzene	71-43-2	470	30
Bromobenzene	108-86-1	ND	30
Bromochloromethane	74-97-5	ND	30
Bromodichloromethane	75-27-4	ND	30
Bromoform	75-25-2	ND	30
Bromomethane	74-83-9	ND	30
2-Butanone	78-93-3	ND	100
n-Butylbenzene	104-51-8	ND	30
Carbon disulfide	75-15-0	ND	30
Carbon tetrachloride	56-23-5	ND	30
Chlorobenzene	108-90-7	ND	30
Chloroethane	75-00-3	ND	30
Chloroform	67-66-3	ND	30
Chloromethane	74-87-3	ND	30
2-Chlorotoluene	95-49-8	ND	30
4-Chlorotoluene	106-43-4	ND	30
Dibromochloromethane	124-48-1	ND	30
1,2-Dibromo-3-chloropropane	96-12-8	ND	30
1,2-Dibromoethane	106-93-4	ND	30
Dibromomethane	74-95-3	ND	30
1,2-Dichlorobenzene	95-50-1	ND	30
1,3-Dichlorobenzene	541-73-1	ND	30
1,4-Dichlorobenzene	106-46-7	ND	30
Dichlorodifluoromethane	75-71-8	ND	30
1,1-Dichloroethane	75-34-3	ND	30
1,2-Dichloroethane	107-06-2	ND	30
1,1-Dichloroethene	75-35-4	ND	30
cis-1,2-Dichloroethene	156-59-2	ND	30
trans-1,2-Dichloroethene	156-60-5	ND	30

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	MW-4	Date Sampled:	06/21/94
Lab Number:	9406288-04A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds (Continued)			
1,2-Dichloropropane	78-87-5	ND	30
1,3-Dichloropropane	142-28-9	ND	30
2,2-Dichloropropane	594-20-7	ND	30
1,1-Dichloropropene	563-58-6	ND	30
cis-1,3-dichloropropene	10061-01-5	ND	30
trans-1,3-dichloropropene	10061-02-6	ND	30
Ethylbenzene	100-41-4	360	30
Freon 113	76-13-1	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-Hexanone	591-78-6	ND	100
Isopropylbenzene	98-82-8	50	30
p-Isopropyltoluene	99-87-6	ND	30
Methylene chloride	75-09-2	ND	30
4-Methyl-2-pentanone	108-10-1	ND	100
Naphthalene	91-20-3	ND	30
n-Propylbenzene	103-65-1	60	30
sec-Butylbenzene	135-98-8	ND	30
Styrene	100-42-5	ND	30
tert-Butylbenzene	98-06-6	ND	30
1,1,1,2-Tetrachloroethane	630-20-6	ND	30
1,1,2,2-Tetrachloroethane	79-34-5	ND	30
Tetrachloroethene	127-18-4	ND	30
Toluene	108-88-3	ND	30
1,2,3-Trichlorobenzene	87-61-6	ND	30
1,2,4-Trichlorobenzene	120-82-1	ND	30
1,1,1-Trichloroethane	71-55-6	ND	30
1,1,2-Trichloroethane	79-00-5	ND	30
Trichloroethene	79-01-6	ND	30
Trichlorofluoromethane	75-69-4	ND	30
1,2,3-Trichloropropane	96-18-4	ND	30

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	MW-4	Date Sampled:	06/21/94
Lab Number:	9406288-04A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds (Continued)			
1,2,4-Trimethylbenzene	95-63-6	530	30
1,3,5-Trimethylbenzene	108-67-8	110	30
Vinyl acetate	108-05-4	ND	50
Vinyl chloride	75-01-4	ND	30
o-Xylene	95-47-6	50	30
p,m-Xylenes	--	530	30
Surrogates		Recovery (%)	QC Limits (%)
4-Bromofluorobenzene	460-00-4	107	74 - 121
Dibromofluoromethane	1868-53-7	96	80 - 120
Toluene-d8	2037-26-5	99	81 - 117

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Note: Detection limits increased due to dilution necessary for quantitation.

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	OB-1	Date Sampled:	06/21/94
Lab Number:	9406288-05A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds			
Acetone	67-64-1	ND	20
Benzene	71-43-2	130	5
Bromobenzene	108-86-1	ND	5
Bromochloromethane	74-97-5	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	5
2-Butanone	78-93-3	ND	20
n-Butylbenzene	104-51-8	ND	5
Carbon disulfide	75-15-0	ND	5
Carbon tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	5
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	5
2-Chlorotoluene	95-49-8	ND	5
4-Chlorotoluene	106-43-4	ND	5
Dibromochloromethane	124-48-1	ND	5
1,2-Dibromo-3-chloropropane	96-12-8	ND	5
1,2-Dibromoethane	106-93-4	ND	5
Dibromomethane	74-95-3	ND	5
1,2-Dichlorobenzene	95-50-1	ND	5
1,3-Dichlorobenzene	541-73-1	ND	5
1,4-Dichlorobenzene	106-46-7	ND	5
Dichlorodifluoromethane	75-71-8	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
cis-1,2-Dichloroethene	156-59-2	9	5
trans-1,2-Dichloroethene	156-60-5	14	5

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	OB-1	Date Sampled:	06/21/94
Lab Number:	9406288-05A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds (Continued)			
1,2-Dichloropropane	78-87-5	ND	5
1,3-Dichloropropane	142-28-9	ND	5
2,2-Dichloropropane	-594-20-7	ND	5
1,1-Dichloropropene	563-58-6	ND	5
cis-1,3-dichloropropene	10061-01-5	ND	5
trans-1,3-dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	10	5
Freon 113	76-13-1	ND	5
Hexachlorobutadiene	87-68-3	ND	5
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	39	5
p-Isopropyltoluene	99-87-6	ND	5
Methylene chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	5
n-Propylbenzene	103-65-1	6	5
sec-Butylbenzene	135-98-8	ND	5
Styrene	100-42-5	ND	5
tert-Butylbenzene	98-06-6	ND	5
1,1,1,2-Tetrachloroethane	630-20-6	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	108-88-3	ND	5
1,2,3-Trichlorobenzene	87-61-6	ND	5
1,2,4-Trichlorobenzene	120-82-1	ND	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	42	5
Trichlorofluoromethane	75-69-4	ND	5
1,2,3-Trichloropropane	96-18-4	ND	5

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	OB-1	Date Sampled:	06/21/94
Lab Number:	9406288-05A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds (Continued)			
1,2,4-Trimethylbenzene	95-63-6	ND	5
1,3,5-Trimethylbenzene	108-67-8	ND	5
Vinyl acetate	108-05-4	ND	10
Vinyl chloride	75-01-4	ND	5
o-Xylene	95-47-6	ND	5
p,m-Xylenes	--	7	5
Surrogates		Recovery (%)	QC Limits (%)
4-Bromofluorobenzene	460-00-4	113	74 - 121
Dibromofluoromethane	1868-53-7	90	80 - 120
Toluene-d8	2037-26-5	98	81 - 117

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	TRIP BLANK #0052094	Date Sampled:	06/21/94
Lab Number:	9406288-06A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds			
Acetone	67-64-1	ND	20
Benzene	71-43-2	ND	5
Bromobenzene	108-86-1	ND	5
Bromochloromethane	74-97-5	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	5
2-Butanone	78-93-3	ND	20
n-Butylbenzene	104-51-8	ND	5
Carbon disulfide	75-15-0	ND	5
Carbon tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	5
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	5
2-Chlorotoluene	95-49-8	ND	5
4-Chlorotoluene	106-43-4	ND	5
Dibromochloromethane	124-48-1	ND	5
1,2-Dibromo-3-chloropropane	96-12-8	ND	5
1,2-Dibromoethane	106-93-4	ND	5
Dibromomethane	74-95-3	ND	5
1,2-Dichlorobenzene	95-50-1	ND	5
1,3-Dichlorobenzene	541-73-1	ND	5
1,4-Dichlorobenzene	106-46-7	ND	5
Dichlorodifluoromethane	75-71-8	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
cis-1,2-Dichloroethene	156-59-2	ND	5
trans-1,2-Dichloroethene	156-60-5	ND	5

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	TRIP BLANK #0052094	Date Sampled:	06/21/94
Lab Number:	9406288-06A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds (Continued)			
1,2-Dichloropropane	78-87-5	ND	5
1,3-Dichloropropane	142-28-9	ND	5
2,2-Dichloropropane	594-20-7	ND	5
1,1-Dichloropropene	563-58-6	ND	5
cis-1,3-dichloropropene	10061-01-5	ND	5
trans-1,3-dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
Freon 113	76-13-1	ND	5
Hexachlorobutadiene	87-68-3	ND	5
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	5
p-Isopropyltoluene	99-87-6	ND	5
Methylene chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	5
n-Propylbenzene	103-65-1	ND	5
sec-Butylbenzene	135-98-8	ND	5
Styrene	100-42-5	ND	5
tert-Butylbenzene	98-06-6	ND	5
1,1,1,2-Tetrachloroethane	630-20-6	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	108-88-3	ND	5
1,2,3-Trichlorobenzene	87-61-6	ND	5
1,2,4-Trichlorobenzene	120-82-1	ND	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Trichlorofluoromethane	75-69-4	ND	5
1,2,3-Trichloropropane	96-18-4	ND	5

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	TRIP BLANK #0052094	Date Sampled:	06/21/94
Lab Number:	9406288-06A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds (Continued)			
1,2,4-Trimethylbenzene	95-63-6	ND	5
1,3,5-Trimethylbenzene	108-67-8	ND	5
Vinyl acetate	108-05-4	ND	10
Vinyl chloride	75-01-4	ND	5
o-Xylene	95-47-6	ND	5
p,m-Xylenes	--	ND	5
Surrogates		Recovery (%)	QC Limits (%)
4-Bromofluorobenzene	460-00-4	109	74 - 121
Dibromofluoromethane	1868-53-7	98	80 - 120
Toluene-d8	2037-26-5	98	81 - 117

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	FIELD BLANK	Date Sampled:	06/21/94
Lab Number:	9406288-07A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds			
Acetone	67-64-1	ND	20
Benzene	71-43-2	ND	5
Bromobenzene	108-86-1	ND	5
Bromochloromethane	74-97-5	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	5
2-Butanone	78-93-3	ND	20
n-Butylbenzene	104-51-8	ND	5
Carbon disulfide	75-15-0	ND	5
Carbon tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	5
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	5
2-Chlorotoluene	95-49-8	ND	5
4-Chlorotoluene	106-43-4	ND	5
Dibromochloromethane	124-48-1	ND	5
1,2-Dibromo-3-chloropropane	96-12-8	ND	5
1,2-Dibromoethane	106-93-4	ND	5
Dibromomethane	74-95-3	ND	5
1,2-Dichlorobenzene	95-50-1	ND	5
1,3-Dichlorobenzene	541-73-1	ND	5
1,4-Dichlorobenzene	106-46-7	ND	5
Dichlorodifluoromethane	75-71-8	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
cis-1,2-Dichloroethene	156-59-2	ND	5
trans-1,2-Dichloroethene	156-60-5	ND	5

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	FIELD BLANK	Date Sampled:	06/21/94
Lab Number:	9406288-07A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS. #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds (Continued)			
1,2-Dichloropropane	78-87-5	ND	5
1,3-Dichloropropane	142-28-9	ND	5
2,2-Dichloropropane	594-20-7	ND	5
1,1-Dichloropropene	563-58-6	ND	5
cis-1,3-dichloropropene	10061-01-5	ND	5
trans-1,3-dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
Freon 113	76-13-1	ND	5
Hexachlorobutadiene	87-68-3	ND	5
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	5
p-Isopropyltoluene	99-87-6	ND	5
Methylene chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	5
n-Propylbenzene	103-65-1	ND	5
sec-Butylbenzene	135-98-8	ND	5
Styrene	100-42-5	ND	5
tert-Butylbenzene	98-06-6	ND	5
1,1,1,2-Tetrachloroethane	630-20-6	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	108-88-3	ND	5
1,2,3-Trichlorobenzene	87-61-6	ND	5
1,2,4-Trichlorobenzene	120-82-1	ND	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Trichlorofluoromethane	75-69-4	ND	5
1,2,3-Trichloropropane	96-18-4	ND	5

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	FIELD BLANK	Date Sampled:	06/21/94
Lab Number:	9406288-07A	Date Received:	06/22/94
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	07/01/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds (Continued)			
1,2,4-Trimethylbenzene	95-63-6	ND	5
1,3,5-Trimethylbenzene	108-67-8	ND	5
Vinyl acetate	108-05-4	ND	10
Vinyl chloride	75-01-4	ND	5
o-Xylene	95-47-6	ND	5
p,m-Xylenes	--	ND	5
Surrogates		Recovery (%)	QC Limits (%)
4-Bromofluorobenzene	460-00-4	112	74 - 121
Dibromofluoromethane	1868-53-7	95	80 - 120
Toluene-d8	2037-26-5	102	81 - 117

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	METHOD BLANK	Date Sampled:	--
Lab Number:	9406288-08A	Date Received:	--
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	06/30/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds			
Acetone	67-64-1	ND	20
Benzene	71-43-2	ND	5
Bromobenzene	108-86-1	ND	5
Bromochloromethane	74-97-5	ND	5
Bromodichloromethane	75-27-4	ND	5
Bromoform	75-25-2	ND	5
Bromomethane	74-83-9	ND	5
2-Butanone	78-93-3	ND	20
n-Butylbenzene	104-51-8	ND	5
Carbon disulfide	75-15-0	ND	5
Carbon tetrachloride	56-23-5	ND	5
Chlorobenzene	108-90-7	ND	5
Chloroethane	75-00-3	ND	5
Chloroform	67-66-3	ND	5
Chloromethane	74-87-3	ND	5
2-Chlorotoluene	95-49-8	ND	5
4-Chlorotoluene	106-43-4	ND	5
Dibromochloromethane	124-48-1	ND	5
1,2-Dibromo-3-chloropropane	96-12-8	ND	5
1,2-Dibromoethane	106-93-4	ND	5
Dibromomethane	74-95-3	ND	5
1,2-Dichlorobenzene	95-50-1	ND	5
1,3-Dichlorobenzene	541-73-1	ND	5
1,4-Dichlorobenzene	106-46-7	ND	5
Dichlorodifluoromethane	75-71-8	ND	5
1,1-Dichloroethane	75-34-3	ND	5
1,2-Dichloroethane	107-06-2	ND	5
1,1-Dichloroethene	75-35-4	ND	5
cis-1,2-Dichloroethene	156-59-2	ND	5
trans-1,2-Dichloroethene	156-60-5	ND	5

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	METHOD BLANK	Date Sampled:	--
Lab Number:	9406288-08A	Date Received:	--
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	06/30/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds (Continued)			
1,2-Dichloropropane	78-87-5	ND	5
1,3-Dichloropropane	142-28-9	ND	5
2,2-Dichloropropane	594-20-7	ND	5
1,1-Dichloropropene	563-58-6	ND	5
cis-1,3-dichloropropene	10061-01-5	ND	5
trans-1,3-dichloropropene	10061-02-6	ND	5
Ethylbenzene	100-41-4	ND	5
Freon 113	76-13-1	ND	5
Hexachlorobutadiene	87-68-3	ND	5
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	5
p-Isopropyltoluene	99-87-6	ND	5
Methylene chloride	75-09-2	ND	5
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	5
n-Propylbenzene	103-65-1	ND	5
sec-Butylbenzene	135-98-8	ND	5
Styrene	100-42-5	ND	5
tert-Butylbenzene	98-06-6	ND	5
1,1,1,2-Tetrachloroethane	630-20-6	ND	5
1,1,2,2-Tetrachloroethane	79-34-5	ND	5
Tetrachloroethene	127-18-4	ND	5
Toluene	108-88-3	ND	5
1,2,3-Trichlorobenzene	87-61-6	ND	5
1,2,4-Trichlorobenzene	120-82-1	ND	5
1,1,1-Trichloroethane	71-55-6	ND	5
1,1,2-Trichloroethane	79-00-5	ND	5
Trichloroethene	79-01-6	ND	5
Trichlorofluoromethane	75-69-4	ND	5
1,2,3-Trichloropropane	96-18-4	ND	5

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification:	METHOD BLANK	Date Sampled:	--
Lab Number:	9406288-08A	Date Received:	--
Sample Matrix/Media:	WATER	Date Prepared:	06/30/94
Preparation Method:	EPA 5030	Date Analyzed:	06/30/94
Method Reference:	EPA 8260	Analyst:	JP

Analyte	CAS #	Concentration (ug/L)	Method Detection Limit (ug/L)
Volatile Organic Compounds (Continued)			
1,2,4-Trimethylbenzene	95-63-6	ND	5
1,3,5-Trimethylbenzene	108-67-8	ND	5
Vinyl acetate	108-05-4	ND	10
Vinyl chloride	75-01-4	ND	5
o-Xylene	95-47-6	ND	5
p,m-Xylenes	--	ND	5
Surrogates		Recovery (%)	QC Limits (%)
4-Bromofluorobenzene	460-00-4	108	74 - 121
Dibromofluoromethane	1868-53-7	96	80 - 120
Toluene-d8	2037-26-5	98	81 - 117

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 56418.00
Clayton Project No. 94062.88

Sample Identification: See Below
Lab Number: 9406288
Sample Matrix/Media: WATER
Preparation Method: EPA 5030
Method Reference: EPA 8015 (Modified)

Date Received: 06/22/94
Date Prepared: 06/28/94
Date Analyzed: 06/28/94

Lab Number	Sample Identification	Date Sampled	TPH-G (ug/L)		Method Detection Limit (ug/L)
-01	MW-1	06/21/94	ND		50
-02	MW-2	06/21/94	ND		50
-03	MW-3	06/21/94	2900		50
-04	MW-4	06/21/94	7600		50
-05	OB-1	06/21/94	1600	a	50
-06	TRIP BLANK #0052094	06/21/94	ND		50
-07	FIELD BLANK	06/21/94	ND		50
-08	METHOD BLANK	--	ND		50

ND: Not detected at or above limit of detection
--: Information not available or not applicable

TPH-G = Volatile petroleum hydrocarbons from C6 to C12 quantitated as gasoline.
a Purgeable hydrocarbons quantitated as gasoline do not match typical gasoline pattern.

Clayton ENVIRONMENTAL CONSULTANTS

REQUEST FOR LABORATORY ANALYTICAL SERVICES

For Clayton Use Only	Page ____ of ____
Project No.	9406288
Batch No.	
Ind. Code	W.P.
Date Logged In 4/23/94	By CA

REPORT RESULTS TO

Name: JOHN VARGAS | Title:
Company: CLAYTON | Dept.:
Mailing Address:
City, State, Zip:
Telephone No.: | Telefax No.:

Purchase Order No.: | Client Job No.: 56418.00

SEND INVOICE TO

Name: JOHN VARGAS
Company: CLAYTON | Dept.:
Address:
City, State, Zip:

Date Results Req.: NORMAL TAT | Rush Charges Authorized? ☐ Yes ☒ No | Phone / Fax Results ☐ ☐

Special Instructions: (method, limit of detection, etc.)

* Explanation of Preservative: P = HCl

Samples are: (check if applicable)
☐ Drinking Water
☐ Collected in the State of New York

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request; Enter a 'P' if Preservative added. *)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	EPA 8260	TPH-Gas/BTEX	(3)	FOR LAB USE ONLY
MW-1	6-21-94	H_2O	40 mls	2	Xp	Xp		01 A-B
MW-2				2	Xp	Xp		02
MW-3				2	Xp	Xp		03
MW-4				2	Xp	Xp		04
OB-1				2	Xp	Xp		05
TRIP BLANK #00052094				2	Xp	Xp		06
FIELD BLANK	↓	↓	↓	2	Xp	Xp		07 ↓

CHAIN OF CUSTODY

Collected by: RICHARD SILVA (print) | Collector's Signature: Richard Silva
Relinquished by: Richard Silva | Date/Time 6-22-94/0820 | Received by: | Date/Time
Relinquished by: | Date/Time | Received at Lab by: Cheryl Allen | Date/Time 4/23/94 8:2
Method of Shipment:
Sample Condition Upon Receipt: ☒ Acceptable ☐ Other (explain)

Authorized by: _____ Date _____
(Client Signature Must Accompany Request)

Please return completed form and samples to one of the Clayton Environmental Consultants, Inc. labs listed below:

22345 Roethel Drive, Novi, MI 48375, (313) 344-1770
Raritan Center, 160 Fieldcrest Ave., Edison, NJ 08837, (908) 225-6040
400 Chastain Center Blvd., N.W., Suite 490, Kennesaw, GA 30144, (404) 499-7500
1252 Quarry Lane, Pleasanton, CA 94566, (510) 426-2657

2/92

DISTRIBUTION:
WHITE - Clayto
YELLOW - Cl
PINK -

Clayton
ENVIRONMENTAL
CONSULTANTS

Quality Assurance Results Summary

Matrix Spike/Matrix Spike Duplicate Results

for

Clayton Project No. 94062.88

Quality Assurance Results Summary
for
Clayton Project No. 94062.88

Clayton Lab Number: 9406288-MB
Ext./Prep. Method: EPA 5030
Date: 06/30/94
Analyst: JP
Std. Source: M940623-01W
Sample Matrix/Media: WATER

Analytical Method: EPA8260
Instrument ID: 05381
Date: 06/30/94
Time: 22:18
Analyst: JP
Units: UG/L

Analyte	Sample Result	Spike Level	Matrix Spike Result	MS Recovery (%)	Matrix Spike Duplicate Result	MSD Recovery (%)	Average Recovery (% R)	LCL (% R)	UCL (% R)	RPD (%)	UCL (%RPD)
1,1-DICHLOROETHENE	ND	50.0	52.0	104	54.0	108	106	80	120	3.8	20
BENZENE	ND	50.0	51.0	102	51.0	102	102	80	120	0.0	20
CHLOROBENZENE	ND	50.0	51.0	102	52.0	104	103	80	120	1.9	20
TOLUENE	ND	50.0	52.0	104	53.0	106	105	80	120	1.9	20
TRICHLOROETHENE	ND	50.0	52.0	104	53.0	106	105	80	120	1.9	20

LCS = Laboratory Control Sample
ND = Not detected at or above limit of detection
LCL = Lower Control Limit
UCL = Upper Control Limit
SOR = Spike out of range due to high sample concentration.

Quality Assurance Results Summary
for
Clayton Project No. 94062.88

Clayton Lab Number:	9406303-06A	Analytical Method:	EPA8015 8020
Ext./Prep. Method:	EPA 5030	Instrument ID:	05587
Date:	06/28/94	Date:	06/28/94
Analyst:	NAN	Time:	16:05
Std. Source:	V940621-03W	Analyst:	NAN
Sample Matrix/Media:	WATER	Units:	ug/L

Analyte		Sample Result	Spike Level	Matrix Spike Result	MS Recovery (%)	Matrix Spike Duplicate Result	MSD Recovery (%)	Average Recovery (% R)	LCL (% R)	UCL (% R)	RPD (%)	UCL (%RPD)
BENZENE	(PID)	ND	8.96	9.30	104	8.81	98	101	81	118	5.4	20
ETHYLBENZENE	(PID)	ND	4.23	4.29	101	4.23	100	101	81	114	1.4	20
GASOLINE	(FID)	ND	500	558	112	556	111	111	80	150	0.4	25
TOLUENE	(PID)	ND	23.1	23.6	102	22.1	96	99	84	118	6.6	20
TOTAL XYLENE	(PID)	ND	20.8	21.2	102	21.0	101	101	85	115	0.9	20

LCS = Laboratory Control Sample
ND = Not detected at or above limit of detection
LCL = Lower Control Limit
UCL = Upper Control Limit
SOR = Spike out of range due to high sample concentration.

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM

Job # 5641B.00 Site: INGERSOLL-RAND Date: JUNE 21, 1994

Well # MW-1 Sampling Team: RICHARD SILVA

Sampling Method: DISPOSABLE BAILER

Field Conditions: CLEAR SKIES, COOL, SLIGHT BREEZE, ~75°F

Describe Equipment D-Con Before Sampling This Well: WASH WITH SOAP AND TRIPLE RINSE

Total Depth of Well: 18.84 feet Time: 1215 Depth to Water Before Pumping: 12.98 feet

Volume Height of Water Column:		Diameter 2-inch	4-inch	Volume		Purge Factor		To Purge
5.86	feet *	.16	(.65)	= 3.809	gal *	5	=	19.05

Depth Purging From: 18 feet Time Surging Begins: 1230

Notes on Initial Discharge: BROWNISH, SILTY, NO ODOR

Time	Volume Purged	pH	Conductivity	T	Notes
1233	5-GAL	7.9	570	16.7	BROWNISH, NO ODOR
1236	10-GAL	7.8	589	17.4	PURGED DRY
1245	15-GAL	7.9	575	17.7	BROWNISH, NO ODOR
1:46	20-GAL	7.9	579	17.8	PURGED DRY

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: 1304

	Rep #1	Rep #2	Rep #3	Rep #4
pH	8.1	8.0	8.0	7.9
Conductivity	576	569	568	569
T°C	18.2	17.7	17.7	17.8

Pre-Sample Collection Gallons Purged: 20

Time Sample Collection Begins: 1315

Time Sample Collection Ends: 1320

Total Gallons Purged: 23

Comments: _____

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM

Job # 52418.00 Site: INGERSOLL-RAND Date: JUNE 21, 1994

Well # MW-2 Sampling Team: RICHARD SILVA

Sampling Method: DISPOSABLE BAILERS FOR PURGING & SAMPLING

Field Conditions: CLEAR SKIES, COOL, WINDY ~75°F

Describe Equipment D-Con Before Sampling This Well: NOT APPLICABLE

Total Depth of Well: 14.70 feet Time: 1059 Depth to Water Before Pumping: 13.86 feet

Volume Height of Water Column:		Diameter 2-inch	Diameter 4-inch	Volume		Purge Factor		To Purge
0.84	feet *	.16	(.65)	= 0.546 gal *		5	=	2.73

Depth Purging From: 14 feet Time Surging Begins: 1105

Notes on Initial Discharge: CLEAR, NO ODOR

Time	Volume Purged	pH	Conductivity	T	Notes
1113	1-GAL	7.7	1351	19.5	CLEAR, NO ODOR
1116	2-GAL	7.5	1217	19.2	CLEAR, NO ODOR
1126	3-GAL	7.5	1204	19.2	CLEAR, NO ODOR

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: 1155

	Rep #1	Rep #2	Rep #3	Rep #4
pH	7.7	7.7	7.6	7.6
Conductivity	1208	1203	1195	1190
T°C	19.0	19.1	19.2	19.2

Pre-Sample Collection Gallons Purged: 3

Time Sample Collection Begins: 1145

Time Sample Collection Ends: 1150

Total Gallons Purged: 4

Comments:

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM

Job # 56418.00 Site: INGERSOLL-RAND Date: JUNE 21 1994

Well # MW-3 Sampling Team: RICHARD SILVA

Sampling Method: DISPOSABLE BAILER

Field Conditions: CLEAR SKIES, WARM, WINDY ~ 75°F

Describe Equipment D-Con Before Sampling This Well: WASH WITH SOAP AND TRIPLE RINSE

Total Depth of Well: 20.20 feet Time: 1550 Depth to Water Before Pumping: 16.28 feet

Volume Height of Water Column:		Diameter 2-inch	Diameter 4-inch	Volume	Purge Factor	To Purge
3.92	feet *	.16	(.65)	= 2.548 gal *	5	= 12.74

Depth Purging From: 19 feet Time Surging Begins: 1600

Notes on Initial Discharge: GRAYISH, SILTY, STRONG ODOR

Time	Volume Purged	pH	Conductivity	T°C	Notes
1602	3-GAL	7.4	835	19.3	CLEAR, SLIGHT ODOR
1604	6-GAL	7.4	845	19.2	PURGED DRY
1620	9-GAL	7.5	854	19.5	GRAYISH SLIGHT ODOR
1625	12-GAL	7.5	851	19.5	PURGED DRY

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: 1630

	Rep #1	Rep #2	Rep #3	Rep #4
pH	7.4	7.4	7.3	7.5
Conductivity	861	874	881	892
T°C	19.4	19.3	19.3	19.3

Pre-Sample Collection Gallons Purged: 12

Time Sample Collection Begins: 1635

Time Sample Collection Ends: 1640

Total Gallons Purged: 14

Comments: _____

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM

Job # 56418.00 Site: INGERSOLL-RAND Date: JUNE 21, 1994

Well # MW-4 Sampling Team: RICHARD SILVA

Sampling Method: DISPOSABLE BAILER

Field Conditions: CLEAR SKIES, WARM, WINDY, ~75°F

Describe Equipment D-Con Before Sampling This Well: WASH WITH SOAP AND TRIPLE RINSE

Total Depth of Well: 27.84 feet Time: 1402 Depth to Water Before Pumping: 18.46 feet

Volume Height of Water Column:		Diameter 2-inch	Diameter 4-inch	Volume	Purge Factor	To Purge
9.38	feet *	.16	(.65)	= 6.097 gal *	5	= 30.49

Depth Purging From: 27 feet Time Surging Begins: 1410

Notes on Initial Discharge: GRAYISH, SILTY, SLIGHT ODOR

Time	Volume Purged	pH	Conductivity	T °C	Notes
14:-	10-GAL	7.4	998	19.0	CLEAR, SLIGHT ODOR
1416	15-GAL	7.3	1014	18.8	CLEAR, SLIGHT ODOR
1418	20-GAL	7.3	1024	18.8	CLEAR, "
1420	25-GAL	7.3	1038	18.8	CLEAR "
1422	30-GAL	7.3	1046	18.8	CLEAR "

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: 1433

	Rep #1	Rep #2	Rep #3	Rep #4
pH	7.3	7.4	7.3	7.2
Conductivity	1109	1086	1088	1063
T°C	19.0	18.8	18.7	18.6

Pre-Sample Collection Gallons Purged: 30

Time Sample Collection Begins: 1438

Time Sample Collection Ends: 1443

Total Gallons Purged: 33

Comments: _____

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM

Job # 56416.00 Site: INGERSOLL-RAND Date: JUNE 21, 1994

Well # OB-1 Sampling Team: RICHARD SILVA

Sampling Method: DISPOSABLE BAILER

Field Conditions: CLEAR SKIES, WARM, WINDY, ~75°F

Describe Equipment D-Con Before Sampling This Well: WASH WITH SOAP AND TRIPLE RINSE

Total Depth of Well: 49.64 feet Time: 1458 Depth to Water Before Pumping: 19.56 feet

Volume Height of Water Column:		Diameter 2-inch	Diameter 4-inch		Purge Factor	To Purge
30.08 feet	*	(.16)	.65	= 4.81 gal	* 5	= 24.06

Depth Purging From: 45 feet Time Surging Begins: 1505

Notes on Initial Discharge: CLEAR NO ODOR

Time	Volume Purged	pH	Conductivity	T°C	Notes
1508	5-GAL	7.6	872	19.4	CLEAR, NO ODOR
1510	10-GAL	7.5	956	19.2	CLEAR, NO ODOR
1512	15-GAL	7.5	1036	19.1	CLEAR, NO ODOR
1514	20-GAL	7.4	1054	19.0	CLEAR, NO ODOR
1516	25-GAL	7.4	1061	19.0	CLEAR, NO ODOR

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: 1526

	Rep #1	Rep #2	Rep #3	Rep #4
pH	7.5	7.5	7.5	7.5
Conductivity	1120	1105	1098	1097
T°C	18.9	18.8	18.7	18.7

Pre-Sample Collection Gallons Purged: 25

Time Sample Collection Begins: 1533

Time Sample Collection Ends: 1538

Total Gallons Purged: 27

Comments: _____

EWATER.TBL (11/21/88)

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM

Job # 5641B.00 Site: INGERSOLL-RAND Date: 6-20-94

Well # RW-1 Sampling Team: RICHARD SILVA

Sampling Method: _____

Field Conditions: _____

Describe Equipment D-Con Before Sampling This Well: _____

Total Depth of Well: 51.14 feet Time: 2:05 Depth to Water Before Pumping: 20.37 feet

Volume Height of Water Column:		Diameter 2-inch	Diameter 4-inch	Volume		Purge Factor		To Purge
_____	feet *	.16	.65	= _____	gal *	_____	=	_____

Depth Purging From: _____ feet Time Surging Begins: _____

Notes on Initial Discharge: _____

Time	Volume Purged	pH	Conductivity	T	Notes

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: _____

	Rep #1	Rep #2	Rep #3	Rep #4
pH				
Conductivity				
T°C				

Pre-Sample Collection Gallons Purged: _____

Time Sample Collection Begins: _____

Time Sample Collection Ends: _____

Total Gallons Purged: _____

Comments: _____

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM

Job # 5641B.00 Site: INGERSOLL-RAND Date: 6-20-94

Well # OB-1 Sampling Team: RICHARD SILVA

Sampling Method: _____

Field Conditions: _____

Describe Equipment D-Con Before Sampling This Well: _____

Total Depth of Well: 49.82 feet Time: 2:10 Depth to Water Before Pumping: 19.48 feet

Volume Height of Water Column:		Diameter 2-inch	Diameter 4-inch	Volume		Purge Factor		Purge To Purge
_____	feet *	(.16)	.65	= _____	gal *	_____	=	_____

Depth Purging From: _____ feet Time Surging Begins: _____

Notes on Initial Discharge: _____

Time	Volume Purged	pH	Conductivity	T	Notes

EWATER.TBL (11/21/88)

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: _____

	Rep #1	Rep #2	Rep #3	Rep #4
pH				
Conductivity				
T°C				

Pre-Sample Collection Gallons Purged: _____

Time Sample Collection Begins: _____

Time Sample Collection Ends: _____

Total Gallons Purged: _____

Comments: _____

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM

Job # 56418.00 Site: INGERSOLL-RAND Date: 6-20-94

Well # OB-2 Sampling Team: RICHARD SILVA

Sampling Method: _____

Field Conditions: _____

Describe Equipment D-Con Before Sampling This Well: _____

Total Depth of Well: 45.48 feet Time: 2:13 Depth to Water Before Pumping: 19.70 feet

Volume Height of Water Column: _____ feet *	Diameter 2-inch	Diameter 4-inch	= Volume _____ gal *	Purge Factor _____	= To Purge _____
	.16	.65			

Depth Purging From: _____ feet Time Surging Begins: _____

Notes on Initial Discharge: _____

Time	Volume Purged	pH	Conductivity	T	Notes

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: _____

	Rep #1	Rep #2	Rep #3	Rep #4
pH				
Conductivity				
T°C				

Pre-Sample Collection Gallons Purged: _____

Time Sample Collection Begins: _____

Time Sample Collection Ends: _____

Total Gallons Purged: _____

Comments: _____

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM

Job # 5641F.00 Site: INGERSOLL-RAND Date: 6-20-94

Well # OB-3 Sampling Team: RICHARD SILVA

Sampling Method: _____

Field Conditions: _____

Describe Equipment D-Con Before Sampling This Well: _____

Total Depth of Well: 49.88 feet Time: 217 Depth to Water Before Pumping: 20.08 feet

Volume Height of Water Column:		Diameter 2-inch	Diameter 4-inch	Volume		Purge Factor		To Purge
_____	feet *	.16	.65	= _____	gal *	_____	=	_____

Depth Purging From: _____ feet Time Surging Begins: _____

Notes on Initial Discharge: _____

Time	Volume Purged	pH	Conductivity	T	Notes

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: _____

	Rep #1	Rep #2	Rep #3	Rep #4
pH				
Conductivity				
T°C				

Pre-Sample Collection Gallons Purged: _____

Time Sample Collection Begins: _____

Time Sample Collection Ends: _____

Total Gallons Purged: _____

Comments: _____

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM

Job # 5661.00 Site: INGERSOLL-RAND Date: 4-20-94

Well # MW-4 Sampling Team: RICHARD SILVA

Sampling Method: _____

Field Conditions: _____

Describe Equipment D-Con Before Sampling This Well: _____

Total Depth of Well: 28.06 feet Time: 7:20 Depth to Water Before Pumping: 18.42 feet

Volume Height of Water Column:		Diameter 2-inch	Diameter 4-inch	Volume		Purge Factor		To Purge
_____	feet *	.16	(.65)	= _____	gal *	_____	=	_____

Depth Purging From: _____ feet Time Surging Begins: _____

Notes on Initial Discharge: _____

Time	Volume Purged	pH	Conductivity	T	Notes

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: _____

	Rep #1	Rep #2	Rep #3	Rep #4
pH				
Conductivity				
T°C				

Pre-Sample Collection Gallons Purged: _____

Time Sample Collection Begins: _____

Time Sample Collection Ends: _____

Total Gallons Purged: _____

Comments: _____

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM

Job # CJ.415.00 Site: INGERSOLL-RAND Date: 6-20-91

Well # MW-1 Sampling Team: RICHARD SILVA

Sampling Method: _____

Field Conditions: _____

Describe Equipment D-Con Before Sampling This Well: _____

Total Depth of Well: 19.08 feet Time: 2:27 Depth to Water Before Pumping: 12.96 feet

Volume Height of Water Column: _____ feet *	Diameter 2-inch	Diameter 4-inch	Volume	Purge Factor	To Purge
	.16	(.65)	= _____ gal *	_____	= _____

Depth Purging From: _____ feet Time Surging Begins: _____

Notes on Initial Discharge: _____

Time	Volume Purged	pH	Conductivity	T	Notes

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: _____

	Rep #1	Rep #2	Rep #3	Rep #4
pH				
Conductivity				
T°C				

Pre-Sample Collection Gallons Purged: _____

Time Sample Collection Begins: _____

Time Sample Collection Ends: _____

Total Gallons Purged: _____

Comments: _____

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM

Job # 6411P.00 Site: INGERSOLL-RAND Date: 6-20-94

Well # MW-2 Sampling Team: RICHARD SILVA

Sampling Method: _____

Field Conditions: _____

Describe Equipment D-Con Before Sampling This Well: _____

Total Depth of Well: 14.70 feet Time: 2:33 Depth to Water Before Pumping: 13.80 feet

Volume Height of Water Column: _____ feet *	Diameter 2-inch	Diameter 4-inch	Volume	Purge Factor	To Purge
	.16	(.65)	= _____ gal *	_____	= _____

Depth Purging From: _____ feet Time Surging Begins: _____

Notes on Initial Discharge: _____

Time	Volume Purged	pH	Conductivity	T	Notes

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: _____

	Rep #1	Rep #2	Rep #3	Rep #4
pH				
Conductivity				
T°C				

Pre-Sample Collection Gallons Purged: _____

Time Sample Collection Begins: _____

Time Sample Collection Ends: _____

Total Gallons Purged: _____

Comments: _____

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM

Job # 5.U12.00 Site: INGERSOLL-RAND Date: 6-20-94

Well # MW-3 Sampling Team: RICHARD SILVA

Sampling Method: _____

Field Conditions: TRACE

Describe Equipment D-Con Before Sampling This Well: _____

Total Depth of Well: 20.39 feet Time: 239 Depth to Water Before Pumping: 16.23 feet

Volume Height of Water Column:		Diameter 2-inch	Diameter 4-inch	Volume		Purge Factor		To Purge
_____	feet *	.16	(.65)	= _____ gal	*	_____	=	_____

Depth Purging From: _____ feet Time Surging Begins: _____

Notes on Initial Discharge: _____

Time	Volume Purged	pH	Conductivity	T	Notes

EWATER.TBL (11/21/88)

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: _____

	Rep #1	Rep #2	Rep #3	Rep #4
pH				
Conductivity				
T°C				

Pre-Sample Collection Gallons Purged: _____

Time Sample Collection Begins: _____

Time Sample Collection Ends: _____

Total Gallons Purged: _____

Comments: _____

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM

Job # 5641B.00 Site: INGERSOLL RAND Date: 6-20-94

Well # VW-1 Sampling Team: RICHARD SILVA

Sampling Method: _____

Field Conditions: _____

Describe Equipment D-Con Before Sampling This Well: _____

Total Depth of Well: 17.44 feet Time: 249 Depth to Water Before Pumping: 16.18 feet

Volume Height of Water Column: _____ feet *	Diameter 2-inch	Diameter 4-inch	Volume	Purge Factor	To Purge
	.16	(65)	= _____ gal *	_____	= _____

Depth Purging From: _____ feet Time Surging Begins: _____

Notes on Initial Discharge: _____

Time	Volume Purged	pH	Conductivity	T	Notes

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field-Parameter Measurement Begins: _____

	Rep #1	Rep #2	Rep #3	Rep #4
pH				
Conductivity				
T°C				

Pre-Sample Collection Gallons Purged: _____

Time Sample Collection Begins: _____

Time Sample Collection Ends: _____

Total Gallons Purged: _____

Comments: _____

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM

Job # 5641600 Site: INGERSOLL-RAND Date: 6-28-94

Well # VW-2 Sampling Team: RICHARD SILVA

Sampling Method: _____

Field Conditions: _____

Describe Equipment D-Con Before Sampling This Well: _____

Total Depth of Well: 17.08 feet Time: 2:53 Depth to Water Before Pumping: 15.95 feet

Volume Height of Water Column:		Diameter 2-inch	Diameter 4-inch	Volume		Purge Factor		To Purge
_____	feet *	.16	(.65)	= _____ gal	*	_____	=	_____

Depth Purging From: _____ feet Time Surging Begins: _____

Notes on Initial Discharge: _____

Time	Volume Purged	pH	Conductivity	T	Notes

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: _____

	Rep #1	Rep #2	Rep #3	Rep #4
pH				
Conductivity				
T°C				

Pre-Sample Collection Gallons Purged: _____

Time Sample Collection Begins: _____

Time Sample Collection Ends: _____

Total Gallons Purged: _____

Comments: _____

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM

Job # 561800 Site: INGERSOLL-RAND Date: 6-20-94

Well # VW-4 Sampling Team: _____

Sampling Method: _____

Field Conditions: _____

Describe Equipment D-Con Before Sampling This Well: _____

Total Depth of Well: 20.54 feet Time: 3:11 Depth to Water Before Pumping: 19.18 feet

Volume Height of Water Column:		Diameter 2-inch	Diameter 4-inch	Volume		Purge Factor		To Purge
_____	feet *	.16	(.65)	= _____ gal	*	_____	=	_____

Depth Purging From: _____ feet Time Surging Begins: _____

Notes on Initial Discharge: _____

Time	Volume Purged	pH	Conductivity	T	Notes

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: _____

	Rep #1	Rep #2	Rep #3	Rep #4
pH				
Conductivity				
T°C				

Pre-Sample Collection Gallons Purged: _____

Time Sample Collection Begins: _____

Time Sample Collection Ends: _____

Total Gallons Purged: _____

Comments: _____