

Western Operations

1252 Quarry Lane
P.O. Box 9019
Pleasanton, CA 94566
(415) 426-2600
Fax (415) 426-0106

Clayton
ENVIRONMENTAL
CONSULTANTS

May 30, 1991

Ms. Robyn Seymour
CLAYTON ENVIRONMENTAL CONSULTANTS, INC.
1252 Quarry Lane
Pleasanton, CA 94566

Client Ref. 31820.00
Clayton Project No. 91052.84

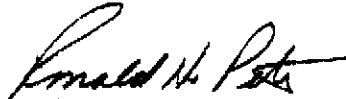
Dear Ms. Seymour:

Attached is our analytical laboratory report for the samples received on May 24, 1991. 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 30 days after the date of this report, unless you have requested otherwise.

We appreciate the opportunity to be of assistance to you. If you have any questions, please contact Maryann Gambino, Client Services Supervisor, at (415) 426-2657.

Sincerely,



Ronald H. Peters, CIH
Director, Laboratory Services
Western Operations

RHP/tb
Attachments

Results of Analysis
for
Busick Air

Client Reference: 31820.00
Clayton Project No. 91052.84

Sample Identification: MW-1
Lab Number: 9105284-01A
Sample Matrix/Media: WATER
Analytical Method: EPA 601
Date Sampled: 05/24/91
Date Received: 05/24/91
Date Analyzed: 05/28/91

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
Purgeable Halocarbons			
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	10
Vinyl chloride	75-01-4	ND	10
Chloroethane	75-00-3	ND	10
Methylene chloride	75-09-2	ND	40
1,1-Dichloroethene	75-35-4	23	4
1,1-Dichloroethane	75-35-3	ND	8
Trans-1,2-Dichloroethene	156-60-5	330	8
Cis-1,2-Dichloroethene	156-58-2	4,700	8
1,2-Dichloroethene (total)	540-59-0	5,000	8
Chloroform	67-66-3	ND	10
1,2-Dichloroethane	107-06-2	9	6
1,1,1-Trichloroethane	71-55-6	ND	10
Carbon tetrachloride	56-23-5	ND	10
Bromodichloromethane	75-27-4	ND	10
1,2-Dichloropropane	78-87-5	ND	10
Cis-1,3-Dichloropropene	10061-01-5	ND	10
Trichloroethene	79-01-6	10,000	6
Dibromochloromethane	124-48-1	ND	10
1,1,2-Trichloroethane	79-00-5	ND	10
Trans-1,3-Dichloropropene	10061-02-6	ND	10
2-Chloroethylvinylether	100-75-8	ND	20
Bromoform	75-25-2	ND	10
Tetrachloroethene	127-18-4	80	10
1,1,2,2-Tetrachloroethane	79-34-5	ND	10
Chlorobenzene	108-90-7	ND	10
1,3-Dichlorobenzene	541-73-7	ND	40
1,2-Dichlorobenzene	95-50-1	ND	80
1,4-Dichlorobenzene	106-46-7	ND	80
Dichlorodifluoromethane	75-71-8	ND	20
Trichlorofluoromethane	75-69-4	ND	8
Freon 113	76-13-1	ND	10

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

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Lab Number:	9105284-01A	Date Received:	05/24/91
Sample Matrix/Media:	WATER	Date Analyzed:	05/28/91
Analytical Method:	EPA 602		

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Aromatics</u>			
Benzene	71-43-2	ND	8
Chlorobenzene	108-90-7	ND	6
1,2-Dichlorobenzene	95-50-1	ND	10
1,3-Dichlorobenzene	541-73-7	ND	6
1,4-Dichlorobenzene	106-46-7	ND	10
Ethylbenzene	100-41-4	ND	6
Toluene	108-88-3	ND	6
Xylenes	1330-20-7	ND	8

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

Results of Analysis
for
Busick Air

Client Reference: 31820.00
Clayton Project No. 91052.84

Sample Identification: METHOD BLANK
Lab Number: 9105284-03A
Sample Matrix/Media: WATER
Analytical Method: EPA 601
Date Sampled: --
Date Received: --
Date Analyzed: 05/28/91

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Halocarbons</u>			
Chloromethane	74-87-3	ND	0.6
Bromomethane	74-83-9	ND	0.7
Vinyl chloride	75-01-4	ND	0.5
Chloroethane	75-00-3	ND	0.5
Methylene chloride	75-09-2	ND	2
1,1-Dichloroethene	75-35-4	ND	0.2
1,1-Dichloroethane	75-35-3	ND	0.4
Trans-1,2-Dichloroethene	156-60-5	ND	0.4
Cis-1,2-Dichloroethene	156-59-2	ND	0.4
1,2-Dichloroethene (total)	540-59-0	ND	0.4
Chloroform	67-66-3	ND	0.5
1,2-Dichloroethane	107-06-2	ND	0.3
1,1,1-Trichloroethane	71-55-6	ND	0.5
Carbon tetrachloride	56-23-5	ND	0.6
Bromodichloromethane	75-27-4	ND	0.7
1,2-Dichloropropane	78-87-5	ND	0.5
Cis-1,3-Dichloropropane	10061-01-5	ND	0.5
Trichloroethene	79-01-6	ND	0.3
Dibromochloromethane	124-48-1	ND	0.6
1,1,2-Trichloroethane	79-00-5	ND	0.6
Trans-1,3-Dichloropropane	10061-02-6	ND	0.6
2-Chloroethylvinylether	100-75-8	ND	1
Bromoform	75-25-2	ND	0.7
Tetrachloroethene	127-18-4	ND	0.5
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.5
Chlorobenzene	108-90-7	ND	0.7
1,3-Dichlorobenzene	541-73-7	ND	2
1,2-Dichlorobenzene	95-50-1	ND	4
1,4-Dichlorobenzene	106-46-7	ND	4
Dichlorodifluoromethane	75-71-8	ND	1
Trichlorofluoromethane	75-69-4	ND	0.4
Freon 113	76-13-1	ND	0.6

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Benzene	71-43-2	ND	0.4
Chlorobenzene	108-90-7	ND	0.3
1,2-Dichlorobenzene	95-50-1	ND	0.5
1,3-Dichlorobenzene	541-73-7	ND	0.3
1,4-Dichlorobenzene	106-46-7	ND	0.5
Ethylbenzene	100-41-4	ND	0.3
Toluene	108-88-3	ND	0.3
Xylenes	1330-20-7	ND	0.4

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 -- Information not available or not applicable

Clayton

ENVIRONMENTAL
CONSULTANTS

A Marsh & McLennan Company

REQUEST FOR LABORATORY ANALYTICAL SERVICES

For Clayton Use Only Page _____ of _____

Project No. _____

Batch No. 9105284

Client No. _____

Date Logged In 5/24/91 By TS

REPORT RESULTS TO	Name <u>Robin Seymour</u>		Title _____		Purchase Order No. _____		Client Job No. _____	
	Company <u>Clayton</u>		Dept. _____		Name <u>BUSICK AIR</u>		Company _____	
	Mailing Address _____		City, State, Zip _____		Address _____		Dept. _____	
	Telephone No. _____		Telefax No. _____		City, State, Zip _____			
Date Results Required: <u>6-6-91</u>		Rush Charges Authorized? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Phone Results <input type="checkbox"/>		Samples are: (check if applicable)		
Special Instructions: (method, limit of detection, etc.)						<input type="checkbox"/> Drinking Water <input type="checkbox"/> Collected in the State of New York		
Explanation of Preservative: <u>P = Hcl</u>						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			FOR LAB USE ONLY
<u>MW-1</u>		<u>5-24-91</u>	<u>WATER</u>	<u>40 ML</u>	<u>2</u>	60/600 HCL		GIA, B 02A
<u>TRIP BLANK 0051691 Hcl</u>			<u>WATER</u>	<u>40 ML</u>	<u>1</u>			
CHAIN OF CUSTODY	Relinquished by: <u>M. Sprigman</u>		Date/Time: <u>5-24-91 4:00AM</u>		Received by: _____		Date/Time: _____	
	Relinquished by: _____		Date/Time: _____		Received at Lab by: <u>Trey Baker</u>		Date/Time: <u>5/24/91 4:00PM</u>	
	Method of Shipment: _____				Sample Condition Upon Receipt: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Other (explain)			
Authorized by: <u>M. Sprigman</u>		Date: <u>5-24-91</u>						
(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 48050
(313) 344-1770 | Raritan Center
160 Fieldcrest Ave.
Edison, NJ 08837
(201) 225-6040 | 400 Chastain Center Blvd., N.W.
Suite 490
Kennesaw, GA 30144
(404) 499-7500 | 1252 Quarry Lane
Pleasanton, CA 94566
(415) 426-2600 |
|---|---|--|--|

DISTRIBUTION:
 WHITE - Clayton Laboratory
 YELLOW - Clayton Accounting
 PINK - Client Copy

**CLAYTON ENVIRONMENTAL CONSULTANTS, INC.
WATER SAMPLING FIELD SURVEY FORM**

Job No: 31820.00

Site: Busick Air, Dublin

Date: 3/24/91

Well No: MW-1

Sampling Team: M. Springman

Sampling Method: Submersible pump, disposable bailer

Field Conditions: Sunny, hot ~ 87°

Describe Equipment Decontamination Before Sampling This Well:

Submersible pump decontaminated with detergent wash, double rinsed, and steam cleaned

Total Depth of Well:

14.46 ft.

Time:

1415

Depth to Water Before Purging:

4.18 ft.

Volume Height of Water Column:

10.28 ft.

*

2-inch

.16

4-inch

(.65)

=

Volume

6.68 gals

*

Purge Factor

4

=

To Purge

26.72 gals.

Depth Purging From: 14 ft.

Time Purging Begins: 1422

Notes on Initial Discharge: Whitish, cloudy

Time	Volume Purged	pH	Conductivity	T	Comments
1425	5	7.0	5,000+	71°C	Clear water
1428	10-	7.0	5,000+	71°C	Clear water
1433	15	7.0	5,000+	70°C	Clear water
1438	20	7.0	5,000+	70°C	Clear water
1444	25	7.0	5,000+	70°C	Clear water
1353	30	7.0	5,000+	70°C	Clear water

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.
 WATER SAMPLING FIELD SURVEY FORM
 (CONTINUED)

Time Field Parameter Measurement Begins: 1520

	REP. 1	REP. 2	REP. 3	REP. 4
pH	7.0	7.0	7.0	7.0
Conductivity	5,000+	5,000+	5,000+	5,000+
T°C	70°C	70°C	70°C	70°C

Pre-Sample Collection Gallons Purged: 30
Time Sample Collection Begins: 1515
Time Sample Collection Ends: 1520
Total Gallons Purged: 31

Comments: