

B R O W N A N D
C A L D W E L L

RECEIVED
SEP 22 11 51 11

February 17, 1995

Ms. Madhulla Logan
Hazardous Materials Specialist
Alameda County Department of Health Services
1131 Harbor Bay Parkway
Alameda, California 94502

11-1564-02/5

Subject: In-Situ Groundwater Investigation Results
 Former E-Z Serve Station #100877, 525 West A Street, Hayward, California

Dear Ms. Logan:

As discussed during our telephone conversation yesterday, I am forwarding to you copies of the in-situ groundwater sample results and a map identifying the sample locations. The attached figure also shows the locations of the four groundwater monitoring wells which were installed as part of this investigation.

If you have any questions regarding this information or the recent investigation, please call me at your earliest possible convenience at (510) 210-2278.

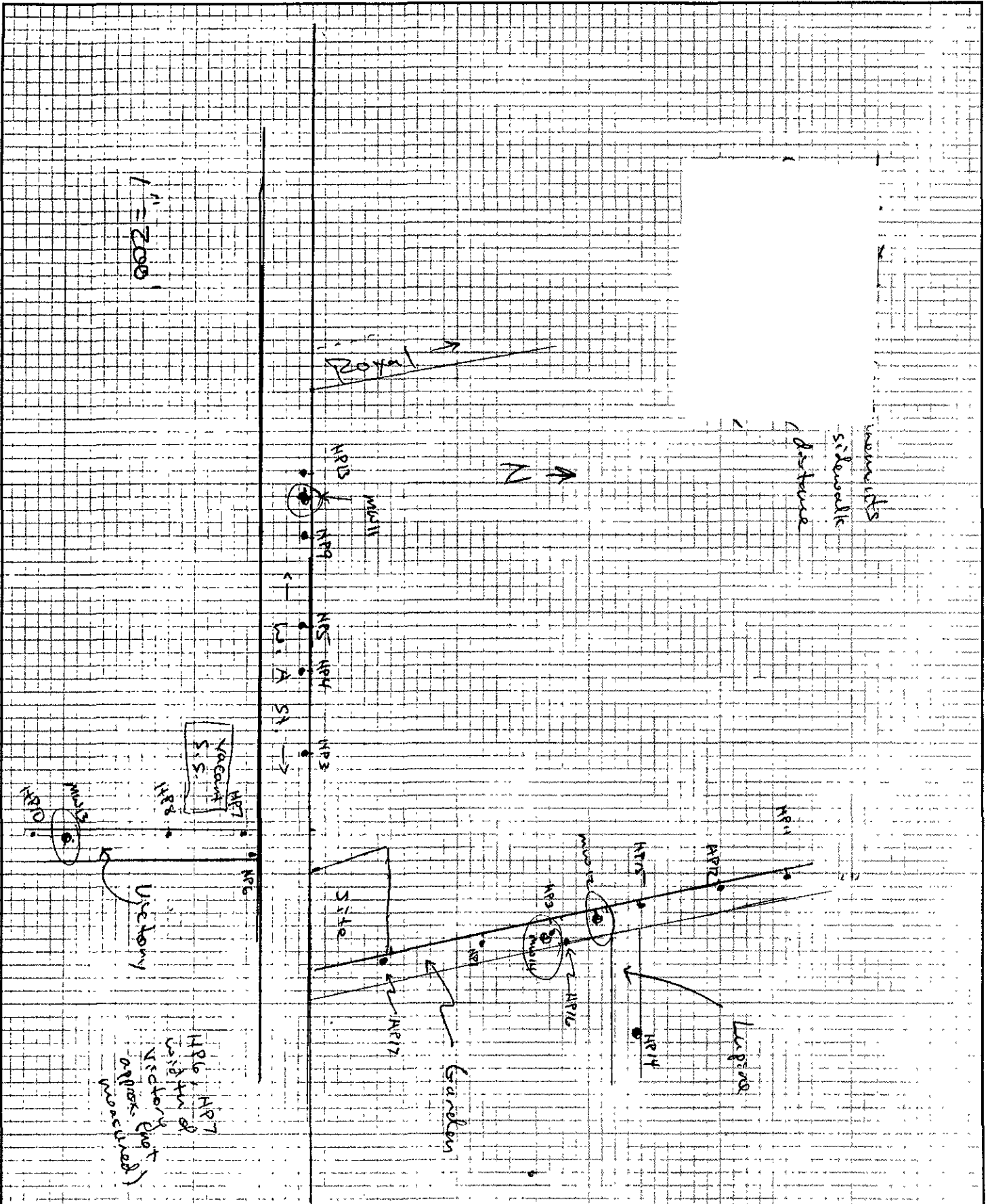
Sincerely,

BROWN AND CALDWELL



Todd Miller
Project Manager

TM:evm
Enclosures



JOB NUMBER	BY	SUBJECT	DATE	SHEET NO.
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1200 Gene Autry Way
 Anaheim, CA 92805
 714/978-0113
 Fax: 714/978-9284

LOG NO: A95-02-003

Received: 06 FEB 95

Mailed: *2/13/95*

Mr. Todd Miller
 Brown and Caldwell
 3480 Buskirk Avenue
 Pleasant Hill, Ca. 94523

Project: 1564-02

REPORT OF ANALYTICAL RESULTS

Page 1

LOG NO	02-003-1	02-003-2	02-003-3
DATE SAMPLED	02 FEB 95	02 FEB 95	02 FEB 95
SAMPLE DESCRIPTION	HP-1	HP-2	HP-3
GROUND WATER			
EPA Modified 8015/8020			
Date Analyzed	02/02/95	02/02/95	02/02/95
Date Extracted	02/02/95	02/02/95	02/02/95
Dilution Factor, Times	1	250	10
Benzene, ug/L	15	600	78
Toluene, ug/L	3.4	180	<5
Ethylbenzene, ug/L	8.1	3800	73
Total Xylene Isomers, ug/L	3.9	13000	180
TPH-Volatile Hydrocarbons, ug/L	1100	170000	2800
Carbon Range, .	C6-C12	C6-C12	C6-C12
Other EPA Modified 8015/8020	---	---	---



BC Analytical

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REPORT OF ANALYTICAL RESULTS

Page 2

LOG NO	02-003-4	02-003-5	02-003-6
DATE SAMPLED	02 FEB 95	02 FEB 95	02 FEB 95
SAMPLE DESCRIPTION	HP-4	HP-5	HP-6
GROUND WATER			
EPA Modified 8015/8020			
Date Analyzed	02/02/95	02/02/95	02/02/95
Date Extracted	02/02/95	02/02/95	02/02/95
Dilution Factor, Times	1	1	10
Benzene, ug/L	<0.5	<0.5	1000
Toluene, ug/L	<0.5	<0.5	40
Ethylbenzene, ug/L	3.2	1.3	1500
Total Xylene Isomers, ug/L	12	5.1	1500
TPH-Volatile Hydrocarbons, ug/L	240	230	22000
Carbon Range, .	C6-C12	C6-C12	C6-C12
Other EPA Modified 8015/8020	---	---	---



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REPORT OF ANALYTICAL RESULTS

Page 3

LOG NO	02-003-7	02-003-8	02-003-9
DATE SAMPLED	02 FEB 95	02 FEB 95	02 FEB 95
SAMPLE DESCRIPTION	HP-7	HP-8	HP-9
GROUND WATER			
EPA Modified 8015/8020			
Date Analyzed	02/02/95	02/02/95	02/02/95
Date Extracted	02/02/95	02/02/95	02/02/95
Dilution Factor, Times	10	1	1
Benzene, ug/L	1000	4.6	<0.5
Toluene, ug/L	32	2.2	<0.5
Ethylbenzene, ug/L	490	2.1	1.3
Total Xylene Isomers, ug/L	340	5.0	4.0
TPH-Volatile Hydrocarbons, ug/L	11000	780	100
Carbon Range, .	C6-C12	C6-C12	C8-C12
Other EPA Modified 8015/8020	---	---	---



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Page 4

LOG NO	02-003-10	02-003-11	02-003-12
DATE SAMPLED	03 FEB 95	03 FEB 95	03 FEB 95
SAMPLE DESCRIPTION	HP-10	HP-11	HP-12
GROUND WATER			
EPA Modified 8015/8020			
Date Analyzed	02/03/95	02/03/95	02/03/95
Date Extracted	02/03/95	02/03/95	02/03/95
Dilution Factor, Times	1	1	1
Benzene, ug/L	<0.5	<0.5	<0.5
Toluene, ug/L	<0.5	0.84	<0.5
Ethylbenzene, ug/L	<0.5	<0.5	<0.5
Total Xylene Isomers, ug/L	<0.5	<0.5	<0.5
TPH-Volatile Hydrocarbons, ug/L	<50	<50	<50
Other EPA Modified 8015/8020	---	---	---



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REPORT OF ANALYTICAL RESULTS

Page 5

LOG NO	02-003-13	02-003-14	02-003-15
DATE SAMPLED	03 FEB 95	03 FEB 95	03 FEB 95
SAMPLE DESCRIPTION	HP-12	HP-14	HP-15
GROUND WATER			
EPA Modified 8015/8020			
Date Analyzed	02/03/95	02/03/95	02/03/95
Date Extracted	02/03/95	02/03/95	02/03/95
Dilution Factor, Times	1	1	1
Benzene, ug/L	<0.5	<0.5	<0.5
Toluene, ug/L	<0.5	<0.5	<0.5
Ethylbenzene, ug/L	<0.5	<0.5	<0.5
Total Xylene Isomers, ug/L	<0.5	<0.5	<0.5
TPH-Volatile Hydrocarbons, ug/L	<50	<50	<50
Other EPA Modified 8015/8020	---	---	---

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Project: 1564-02

REPORT OF ANALYTICAL RESULTS

Page 6

LOG NO	02-003-16	02-003-17
DATE SAMPLED	03 FEB 95	03 FEB 95
SAMPLE DESCRIPTION	HP-16	HP-17
GROUND WATER		
EPA Modified 8015/8020		
Date Analyzed	02/03/95	02/03/95
Date Extracted	02/03/95	02/03/95
Dilution Factor, Times	1	1
Benzene, ug/L	4.2	3.8
Toluene, ug/L	<0.5	<0.5
Ethylbenzene, ug/L	11	5.8
Total Xylene Isomers, ug/L	26	15
TPH-Volatile Hydrocarbons, ug/L	310	110
Carbon Range, .	C6-C12	C6-C12
Other EPA Modified 8015/8020	---	---


Frederick W. Haley, Laboratory Manager

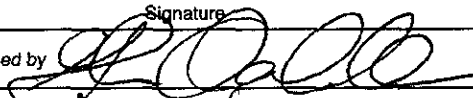
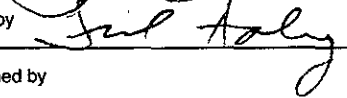


CHAIN OF CUSTODY RECORD

Bill & send report to:

BCA Log Number 195-02-003

Client name <u>BC Pleasant Hill</u>			Project or PO# <u>1564-02</u>			Analyses required															
Address			Phone #			<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> 1020 8015-6AS </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> Hazardous sample Special handling required </div> </div>															
City, State, Zip			Report attention <u>Todd Miller</u>																		
Lab Sample number	Date sampled	Time sampled	Type* See key below	Sampled by	Number of containers	Remarks															
1	2/2/95		GW	HP-1	2	X	X														
2	2/2/95		GW	HP-2	2	X	X														
3	2/2/95		GW	HP-3	2	X	X														
4	2/2/95		GW	HP-4	2	X	X														
5	2/2/95		GW	HP-5	2	X	X														
6	2/2/95		GW	HP-6	2	X	X														
7	2/2/95		GW	HP-7	2	X	X														
8	2/2/95		GW	HP-8	2	X	X														
9	2/2/95		GW	HP-9	2	X	X														
10	2/3/95	8:15 am	GW	HP-10	2	X	X														
11	2/3/95	7:00 am	GW	HP-11	2	X	X														
12	2/3/95	9:55 am	GW	HP-12	2	X	X														

Signature	Print Name	Company	Date	Time
	Glen Vander Keen	BC	2/3/95	10:15
	FRED HALEY	BCA	2/3/95	10:15
Relinquished by				
Received by				
Relinquished by				
Received by				
Relinquished by				
Received by Laboratory				

- B C ANALYTICAL**
- 1255 Powell Street, Emeryville, CA 94608 (415) 428-2300
 - 801 Western Avenue, Glendale, CA 91201 (818) 247-5737
 - 1200 Pacifico Avenue, Anaheim, CA 92805 (714) 978-0113

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client's expense.

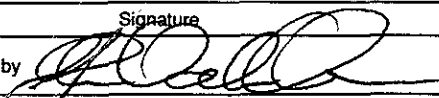
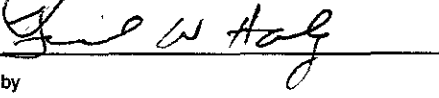
Disposal arrangements: _____

*KEY: AQ—Aqueous NA—Nonaqueous SL—Sludge
 GW—Groundwater SO—Soil OT—Other PE—Petroleum

CHAIN OF CUSTODY RECORD

BCA Log Number A95-02-003

Client name				Project or PO#		<div style="text-align: center;">Analyses required</div> <div style="border: 1px solid black; padding: 5px; transform: rotate(-45deg); display: inline-block;"> 8015-GAS 8020 </div> <div style="border: 1px solid black; padding: 5px; transform: rotate(-45deg); display: inline-block; margin-top: 10px;"> Hazardous sample Special handling required </div>											
Address				Phone #													
City, State, Zip			Report attention														
Lab Sample number	Date sampled	Time sampled	Type* See key below	Sampled by		Number of containers									Remarks		
				Sample description													
13	2/3/95	11:20Am	GW	HP-13			X	X									
14	2/3/95	11:20Am	GW	HP-14			X	X									
15	2/3/95	3:50pm	GW	HP-15			X	X									
16	2/3/95	2:05pm	GW	HP-16			X	X									
17	2/3/95	2:58pm	GW	HP-17			X	X									
				HP													

Signature	Print Name	Company	Date	Time
	Glen VanderVeen	BC	2/3/95	1600
	J. W. Hag	BLA	2/3/95	1605
Relinquished by				
Received by				
Relinquished by				
Received by				
Relinquished by				
Received by Laboratory				

BC ANALYTICAL
 1255 Powell Street, Emeryville, CA 94608 (415) 428-2300
 801 Western Avenue, Glendale, CA 91201 (818) 247-5737
 1200 Pacifico Avenue, Anaheim, CA 92805 (714) 978-0113

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 Disposal arrangements: _____

*KEY: AQ—Aqueous NA—Nonaqueous SL—Sludge
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