



centurywest
ENGINEERING CORPORATION

August 5, 1996

Barney Chan
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

Subject: Third Quarterly Ground Water Sampling
Fiesta Beverage UST Site
966 8th Avenue
Oakland, California
CWEC: 20591-001-01


Dear Mr. Chan,

In accordance with the agreement with Mr. Bob Bogar (formerly of Century West Engineering Corporation) we have enclosed the documents pertinent to the July 26, 1996 monitoring of three wells (MW-1, MW-2, and MW-3) at the subject site. Laboratory analysis, groundwater gradient (0.01 ft./ft.) and groundwater flow direction (to the north-northwest, see Figure 2) appear to be consistent with the previous monitoring activity of April 16, 1996. One additional quarterly sampling activity will be conducted for a total of one year monitoring. After the final monitoring event, a final report will be submitted to the Alameda County Health Agency Department of Environmental Health which will include; four quarters of laboratory analytical results, four quarters of groundwater gradients maps, groundwater sampling records, and conclusions and recommendations.

Please call if you have questions or need additional information.

Sincerely,

Century West Engineering Corporation


J. Glenn Morelli
Staff Geologist



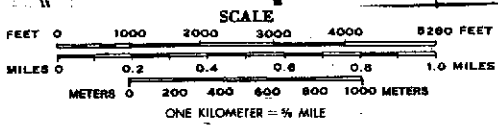
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7950 Dublin Blvd., Suite 203 Dublin, California 94568 Phone: (510) 551-7774 FAX: (510) 551-7776

96 AUG - 9 AM 8:19
ENVIRONMENTAL
PROTECTION



PROJECT SITE

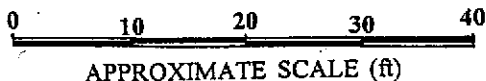
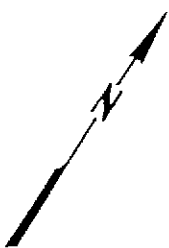
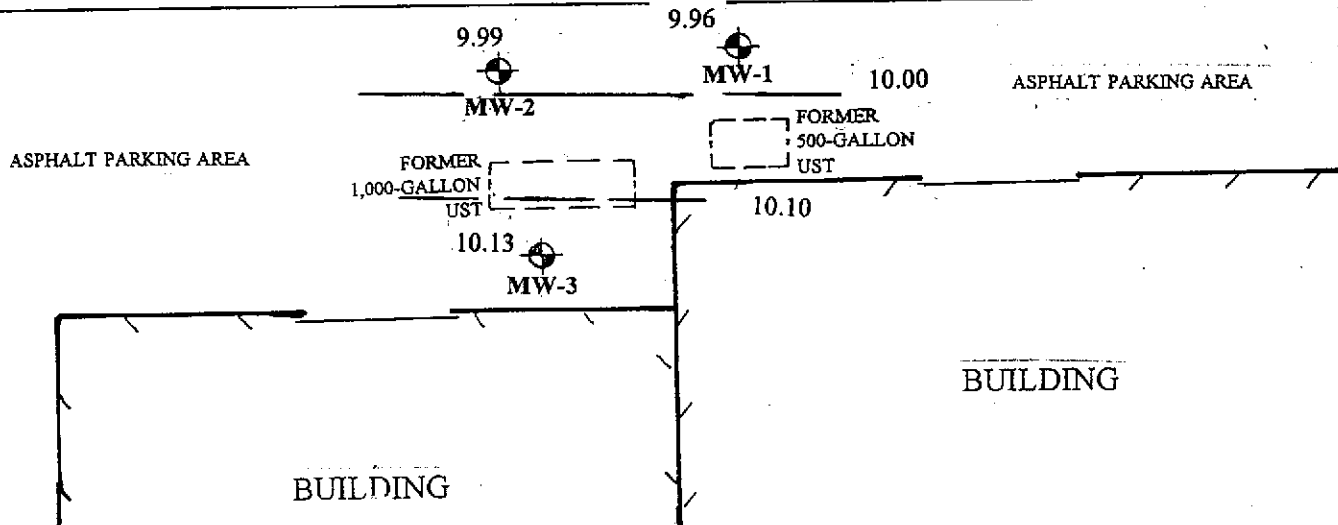



DESIGNED BY:	CHECKED BY:
DRAWN BY:	SCALE:
DWG. NO.:	

FIGURE 1
SITE VICINITY MAP
 CWEC: 20591-001-01

DATE: _____ FIGURE: _____
CENTURY WEST ENGINEERING

89TH AVENUE



DESIGNED BY:	CHECKED BY:	<p align="center">FIGURE 2</p> <p align="center">SITE PLAN/GRADIENT MAP</p> <p align="center">(7/15/96)</p> <p align="center">CWEC: 20594-001-01</p>	DATE:	FIGURE:
DRAWN BY:	SCALE:		<p align="center">CENTURY WEST  ENGINEERING</p>	
DWG. NO.:				



NATIONAL
ENVIRONMENTAL
TESTING, INC.

Santa Rosa Division
3636 North Laughlin Road
Suite 110
Santa Rosa, CA 95403-8226
Tel: (707) 526-7200
Fax: (707) 541-2333

Glenn Morelli
Century West Engineering
7950 Dublin Blvd., Ste 210
Dublin, CA 94568

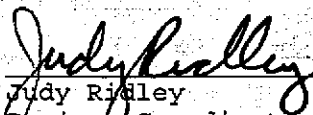
Date: 07/31/1996
NET Client Acct. No: 75300
NET Job No: 96.02213
Received: 07/27/1996

Client Reference Information

Fiesta Beverages, Oakland, CA./Proj. No. 20591-001-01

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel free to call me at (707) 541-2307.

Submitted by:


Judy Ridley
Project Coordinator

Enclosure(s)

Client Name: Century West Engineering
Client Acct: 75300
NET Job No: 96.02213

Date: 07/31/1996
ELAP Cert: 1386
Page: 2

Ref: Fiesta Beverages, Oakland, CA./Proj. No. 20591-001-01

SAMPLE DESCRIPTION: MW-1

Date Taken: 07/15/1996

Time Taken: 09:50

NET Sample No: 266456

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch
TPH (Gas/BTXE,Liquid)								
5030/M8015	--						07/29/1996	3695
DILUTION FACTOR*	100						07/29/1996	3695
as Gasoline	11		5.0	mg/L	5030		07/29/1996	3695
8020 (GC,Liquid)	--						07/29/1996	3695
Benzene	2,300		50	ug/L	8020		07/29/1996	3695
Toluene	450		50	ug/L	8020		07/29/1996	3695
Ethylbenzene	350		50	ug/L	8020		07/29/1996	3695
Xylenes (Total)	910		50	ug/L	8020		07/29/1996	3695
SURROGATE RESULTS	--						07/29/1996	3695
Bromofluorobenzene (SRR)	97			% Rec.	5030		07/29/1996	3695

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.

Client Name: Century West Engineering
Client Acct: 75300
NET Job No: 96.02213

Date: 07/31/1996
ELAP Cert: 1386
Page: 3

Ref: Fiesta Beverages, Oakland, CA./Proj. No. 20591-001-01

SAMPLE DESCRIPTION: MW-2

Date Taken: 07/15/1996

Time Taken: 11:20

NET Sample No: 266457

Parameter	Results	Flags	Reporting			Date	Date	Run
			Limit	Units	Method	Extracted	Analyzed	Batch
TPH (Gas/BTXE,Liquid)								
5030/M8015	--						07/29/1996	3695
DILUTION FACTOR*	10						07/29/1996	3695
as Gasoline	0.70		0.50	mg/L	5030		07/29/1996	3695
8020 (GC,Liquid)	--						07/29/1996	3695
Benzene	160		5.0	ug/L	8020		07/29/1996	3695
Toluene	33		5.0	ug/L	8020		07/29/1996	3695
Ethylbenzene	34		5.0	ug/L	8020		07/29/1996	3695
Xylenes (Total)	48		5.0	ug/L	8020		07/29/1996	3695
SURROGATE RESULTS	--						07/29/1996	3695
Bromofluorobenzene (SURR)	89			% Rec.	5030		07/29/1996	3695

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.

Ref: Fiesta Beverages, Oakland, CA./Proj. No. 20591-001-01

SAMPLE DESCRIPTION: MW-3

Date Taken: 07/15/1996

Time Taken: 10:35

NET Sample No: 266458

Parameter	Results	Flags	Reporting			Date	Date	Run
			Limit	Units	Method	Extracted	Analyzed	Batch No.
TPH (Gas/BTEX, Liquid)								
5030/M8015	--						07/29/1996	3695
DILUTION FACTOR*	10						07/29/1996	3695
as Gasoline	1.8		0.50	mg/L	5030		07/29/1996	3695
8020 (GC, Liquid)	--						07/29/1996	3695
Benzene	200		5.0	ug/L	8020		07/29/1996	3695
Toluene	220		5.0	ug/L	8020		07/29/1996	3695
Ethylbenzene	66		5.0	ug/L	8020		07/29/1996	3695
Xylenes (Total)	250		5.0	ug/L	8020		07/29/1996	3695
SURROGATE RESULTS	--						07/29/1996	3695
Bromofluorobenzene (SURR)	92			% Rec.	5030		07/29/1996	3695

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.

Ref: Fiesta Beverages, Oakland, CA./Proj. No. 20591-001-01

CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV	CCV	Flags	Units	Date Analyzed	Analyst Initials	Run Batch Number
	Standard % Recovery	Standard Amount Found					
TPH (Gas/BTEXE, Liquid)							
as Gasoline	96.0	0.48	0.50	mg/L	07/29/1996	lss	3695
Benzene	110.3	22.06	20.0	ug/L	07/29/1996	lss	3695
Toluene	109.2	21.84	20.0	ug/L	07/29/1996	lss	3695
Ethylbenzene	110.2	22.03	20.0	ug/L	07/29/1996	lss	3695
Xylenes (Total)	109.5	65.72	60.0	ug/L	07/29/1996	lss	3695
Bromofluorobenzene (SURRE)	100.0	100	100	% Rec.	07/29/1996	lss	3695

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.

Client Name: Century West Engineering
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Date: 07/31/1996
ELAP Cert: 1386
Page: 6

Ref: Fiesta Beverages, Oakland, CA./Proj. No. 20591-001-01

METHOD BLANK REPORT

Parameter	Method Blank Amount Found	Reporting Limit	Flags	Units	Date Analyzed	Analyst Initials	Run Batch Number
TPH (Gas/BTXE,Liquid)							
as Gasoline	ND	0.050		mg/L	07/29/1996	lss	3695
Benzene	ND	0.50		ug/L	07/29/1996	lss	3695
Toluene	ND	0.50		ug/L	07/29/1996	lss	3695
Ethylbenzene	ND	0.50		ug/L	07/29/1996	lss	3695
Xylenes (Total)	ND	0.50		ug/L	07/29/1996	lss	3695
Bromofluorobenzene (SURR)	100			% Rec.	07/29/1996	lss	3695

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.

Ref: Fiesta Beverages, Oakland, CA./Proj. No. 20591-001-01

MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike			RPD	Spike Amount	Matrix Spike			Flags	Units	Date Analyzed	Run Batch	Sample Spiked
	Matrix Spike % Rec.	Spike Dup % Rec.	Spike Conc.			Sample Spike Conc.	Spike Dup. Conc.						
TPH (Gas/BTXE, Liquid)													266456
as Gasoline	91.6	96.4	5.1	50.0	11	56.8	59.2			mg/L	07/29/1996	3695	266456
Benzene	75.7	83.8	10.2	687	2,300	2,820	2,876			ug/L	07/29/1996	3695	266456
Toluene	93.3	95.1	1.9	4,072	450	4,250	4,323			ug/L	07/29/1996	3695	266456
Bromofluorobenzene (SURR)	99.0	99.0	0.0	100	97	99	99			% Rec.	07/29/1996	3695	266456

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.

KEY TO RESULT FLAGS

- * : RPD between sample duplicates exceeds 30%.
- *M : RPD between sample duplicates or MS/MSD exceeds 20%.
- + : Correlation coefficient for the Method of Standard Additions is less than 0.995.
- < : Sample result is less than reported value.
- B-I : Value is between Method Detection Limit and Reporting Limit.
- B-0 : Analyte found in blank and sample.
- C : The result confirmed by secondary column or GC/MS analysis.
- CNA : Cr+6 not analyzed; Total Chromium concentration below Cr+6 regulatory level.
- COMP : Sample composited by equal volume prior to analysis.
- D- : The result has an atypical pattern for Diesel analysis.
- D1 : The result for Diesel is an unknown hydrocarbon which consists of a single peak.
- DH : The result appears to be a heavier hydrocarbon than Diesel.
- DL : The result appears to be a lighter hydrocarbon than Diesel.
- DR : Elevated Reporting Limit due to Matrix.
- DS : Surrogate diluted out of range.
- DX : The result for Diesel is an unknown hydrocarbon which consists of several peaks.
- FA : Compound quantitated at a 2X dilution factor.
- FB : Compound quantitated at a 5X dilution factor.
- FC : Compound quantitated at a 10X dilution factor.
- FD : Compound quantitated at a 20X dilution factor.
- FE : Compound quantitated at a 50X dilution factor.
- FF : Compound quantitated at a 100X dilution factor.
- FG : Compound quantitated at a 200X dilution factor.
- FH : Compound quantitated at a 500X dilution factor.
- FI : Compound quantitated at a 1000X dilution factor.
- FJ : Compound quantitated at a greater than 1000x dilution factor.
- FK : Compound quantitated at a 25X dilution factor.
- FL : Compound quantitated at a 250X dilution factor.
- G- : The result has an atypical pattern for Gasoline.
- G1 : The result for Gasoline is an unknown hydrocarbon which consists of a single peak.
- GH : The result appears to be a heavier hydrocarbon than Gasoline.
- GL : The result appears to be a lighter hydrocarbon than Gasoline.
- GX : The result for Gasoline is an unknown hydrocarbon which consists of several peaks.
- HT : Analysis performed outside of the method specified holding time.
- HTC : Confirmation analyzed outside of the method specified holding time.
- HTP : Prep procedure performed outside of the method specified holding time.
- HX : Peaks detected within the quantitation range do not match standard used.
- J : Value is estimated.
- MI : Matrix Interference Suspected.
- MSA : Value determined by Method of Standard Additions.
- MSA* : Value obtained by Method of Standard Additions; Correlation coefficient is <0.995.
- NI1 : Sample spikes outside of QC limits; matrix interference suspected.
- NI2 : Sample concentration is greater than 4X the spiked value; the spiked value is considered insignificant.
- NI3 : Matrix Spike values exceed established QC limits, post digestion spike is in control.
- ~P7 : pH of sample > 2; sample analyzed past 7 days.
- RSC : Refer to subcontract laboratory report for QC data.
- S2 : Matrix interference confirmed by repeat analysis.
- SCN : Thiocyanate not analyzed separately; total value is below the Reporting Limit for Free Cyanide.
- UMDL : Undetected at the Method Detection Limit.



NATIONAL ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

COMPANY Century West Engineering Corp.
 ADDRESS 7950 Dublin Blvd., Dublin, CA 94568
 PHONE 510-551-7774 FAX 510-551-7776
 PROJECT NAME/LOCATION Fiesta Beverages - Oakland
 PROJECT NUMBER 20591-001-01
 PROJECT MANAGER _____

1884

REPORT TO: Glenn Morelli
 INVOICE TO: _____
 P.O. NO. _____
 NET QUOTE NO. _____

SAMPLED BY Glenn Morelli
 (PRINT NAME)
 (PRINT NAME)

Glenn Morelli
 SIGNATURE
 SIGNATURE

ANALYSES

TYP-G/BTEX

COMMENTS

DATE	TIME	SAMPLE ID/DESCRIPTION	# and Type of Containers										ANALYSES	COMMENTS				
			1	2	3	4	5	6	7	8	9	10						
7/15	9:50	MW-1 - VOA x2																
7/15	11:20	MW-2 - VOA x2																
7/15	10:35	MW-3 - VOA x2																

CUSTODY SEALED
 Date 7/26/96 Time 1551 Initials CB
 SEAL INTACT?
 Yes No Initials CB

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO _____
 FIELD FILTERED? YES / NO _____
 COC SEALS PRESENT AND INTACT? YES / NO _____
 VOLATILES FREE OF HEADSPACE? YES / NO _____
 TEMPERATURE UPON RECEIPT: 0.1
 Bottles supplied by NET? YES / NO _____

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA _____
 I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS _____ DATE _____

RELINQUISHED BY: <u>J. Glenn Morelli</u>	DATE/TIME: <u>7/26/96 1522</u>	RECEIVED BY: <u>J. Smart</u>	DATE/TIME: <u>7/26/96 1522</u>	RELINQUISHED BY: <u>J. Smart</u>	DATE/TIME: <u>7/26/96 1551</u>	RECEIVED FOR NET BY: <u>John Hassen</u>
METHOD OF SHIPMENT		REMARKS: <u>VIA NCS</u>			TEMP.: <u>0.1°C</u>	