



NATIONAL
ENVIRONMENTAL
TESTING, INC.®

Santa Rosa Division
435 Tesconi Circle
Santa Rosa, CA 95401
Tel: (707) 526-7200
Fax: (707) 526-9623

John Espinosa
Cambria Env. Technology
1144 65th Street
Suite C
Oakland, CA 94608

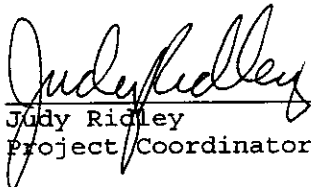
Date: 11/09/1994
NET Client Acct. No: 98900
NET Pacific Job No: 94.05178
Received: 11/02/1994


Client Reference Information

Rose Bertolero, 5900 Acacia, Project No. 32-00128

Sample analysis in support of the project referenced above has been completed and results are presented on 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 welcome to contact Client Services.

Approved by:


Judy Ridley
Project Coordinator


Jim Hoch
Operations Manager

Enclosure(s)





Client Name: Cambria Env. Technology
 Client Acct: 98900
 NET Job No: 94.05178

Date: 11/09/1994
 ELAP Cert: 1386
 Page: 2

Ref: Rose Bertolero, 5900 Acacia, Project No. 32-00128

SAMPLE DESCRIPTION: SB1 2.75'
 Date Taken: 10/20/1994
 Time Taken: 15:12
 NET Sample No: 221081

Parameter	Results	Flags	Reporting			Method	Date	Date	Run
			Limit	Units	Extracted		Analyzed	Batch No.	
METHOD 8020 (GC, Solid)									
DILUTION FACTOR*	2							11/03/1994	1514
Benzene	ND		5	ug/kg	8020			11/03/1994	1514
Toluene	13	C	5	ug/kg	8020			11/03/1994	1514
Ethylbenzene	30	C	5	ug/kg	8020			11/03/1994	1514
Xylenes (Total)	110	C	5	ug/kg	8020			11/03/1994	1514
SURROGATE RESULTS									
Bromofluorobenzene (SURR)	SR	MI		% Rec.				11/03/1994	1514
METHOD M8015 (EXT., Solid)									
DILUTION FACTOR*	50						11/03/1994		
as Diesel	2,100		50	mg/kg	3550			11/05/1994	893

C : Positive result confirmed by secondary column or GC/MS analysis.
 MI: Matrix interference suspected.

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



Client Name: Cambria Env. Technology
 Client Acct: 98900
 NET Job No: 94.05178

Date: 11/09/1994
 ELAP Cert: 1386
 Page: 3

Ref: Rose Bertolero, 5900 Acacia, Project No. 32-00128

SAMPLE DESCRIPTION: SB3 2.5'
 Date Taken: 10/20/1994
 Time Taken: 15:15
 NET Sample No: 221082

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
METHOD 8020 (GC, Solid)								
DILUTION FACTOR*	1						11/03/1994	1514
Benzene	ND		2.5	ug/kg	8020		11/03/1994	1514
Toluene	ND		2.5	ug/kg	8020		11/03/1994	1514
Ethylbenzene	ND		2.5	ug/kg	8020		11/03/1994	1514
Xylenes (Total)	ND		2.5	ug/kg	8020		11/03/1994	1514
SURROGATE RESULTS								
Bromofluorobenzene (SURR)	75			µ Rec.			11/03/1994	1514
METHOD M8015 (EXT., Solid)								
DILUTION FACTOR*	10					11/03/1994		
as Diesel	250	DH	10	mg/kg	3550		11/05/1994	893

DH : The positive result appears to be a heavier hydrocarbon than Diesel.

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



Client Name: Cambria Env. Technology
 Client Acct: 98900
 NET Job No: 94.05178

Date: 11/09/1994
 ELAP Cert: 1386
 Page: 4

Ref: Rose Bertolero, 5900 Acacia, Project No. 32-00128

SAMPLE DESCRIPTION: SB4 2.5'
 Date Taken: 10/20/1994
 Time Taken: 15:20
 NET Sample No: 221083

Parameter	Results	Flags	Reporting			Date Extracted	Date Analyzed	Run Batch No.
			Limit	Units	Method			
METHOD 8020 (GC,Solid)								
DILUTION FACTOR*	1						11/04/1994	1515
Benzene	ND		2.5	ug/kg	8020		11/04/1994	1515
Toluene	ND		2.5	ug/kg	8020		11/04/1994	1515
Ethylbenzene	ND		2.5	ug/kg	8020		11/04/1994	1515
Xylenes (Total)	ND		2.5	ug/kg	8020		11/04/1994	1515
SURROGATE RESULTS								
Bromofluorobenzene (SURR)	72			% Rec.			11/04/1994	1515
METHOD M8015 (EXT., Solid)								
DILUTION FACTOR*	5					11/03/1994		
as Diesel	48	D-	5	mg/kg	3550		11/05/1994	893

D- : The positive result has an atypical pattern for Diesel analysis.

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



Client Name: Cambria Env. Technology
Client Acct: 98900
NET Job No: 94.05178

Date: 11/09/1994
ELAP Cert: 1386
Page: 5

Ref: Rose Bertolero, 5900 Acacia, Project No. 32-00128

SAMPLE DESCRIPTION: SB5 3.75'

Date Taken: 10/20/1994

Time Taken: 15:50

NET Sample No: 221084

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
METHOD 8020 (GC,Solid)								
DILUTION FACTOR*	2						11/03/1994	1514
Benzene	17	C	5	ug/kg	8020		11/03/1994	1514
Toluene	12	C	5	ug/kg	8020		11/03/1994	1514
Ethylbenzene	96	C	5	ug/kg	8020		11/03/1994	1514
Xylenes (Total)	360	C	5	ug/kg	8020		11/03/1994	1514
SURROGATE RESULTS	--						11/03/1994	1514
Bromofluorobenzene (SURR)	SR	MI		% Rec.			11/03/1994	1514
METHOD M8015 (EXT., Solid)						11/03/1994		
DILUTION FACTOR*	50						11/05/1994	893
as Diesel	1,800		50	mg/kg	3550		11/05/1994	893

MI: Matrix interference suspected.

C : Positive result confirmed by secondary column or GC/MS analysis.

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



Client Name: Cambria Env. Technology
 Client Acct: 98900
 NET Job No: 94.05178

Date: 11/09/1994
 ELAP Cert: 1386
 Page: 6

Ref: Rose Bertolero, 5900 Acacia, Project No. 32-00128

SAMPLE DESCRIPTION: SB2 2.75'
 Date Taken: 10/20/1994
 Time Taken: 16:23
 NET Sample No: 221085

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
METHOD 8020 (GC,Solid)								
DILUTION FACTOR*	1						11/03/1994	1514
Benzene	ND		2.5	ug/kg	8020		11/03/1994	1514
Toluene	ND		2.5	ug/kg	8020		11/03/1994	1514
Ethylbenzene	31	C	2.5	ug/kg	8020		11/03/1994	1514
Xylenes (Total)	29	C	2.5	ug/kg	8020		11/03/1994	1514
SURROGATE RESULTS								
Bromofluorobenzene (SURR)	107			% Rec.			11/03/1994	1514
METHOD M8015 (EXT., Solid)								
DILUTION FACTOR*	50					11/03/1994		
as Diesel	950		50	mg/kg	3550		11/05/1994	893

C : Positive result confirmed by secondary column or GC/MS analysis.

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



Client Name: Cambria Env. Technology
Client Acct: 98900
NET Job No: 94.05178

Date: 11/09/1994
ELAP Cert: 1386
Page: 7

Ref: Rose Bertolero, 5900 Acacia, Project No. 32-00128

CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV	CCV	CCV	Units	Date Analyzed	Analyst Initials
	Standard % Recovery	Standard Amount Found	Standard Amount Expected			
METHOD 8020 (GC,Solid)						
Benzene	99.6	24.9	25.0	ug/kg	11/03/1994	aal
Toluene	105.2	26.3	25.0	ug/kg	11/03/1994	aal
Ethylbenzene	101.2	25.3	25.0	ug/kg	11/03/1994	aal
Xylenes (Total)	100.1	75.1	75.0	ug/kg	11/03/1994	aal
Bromofluorobenzene (SURR)	90.0	90	100	% Rec.	11/03/1994	aal
METHOD 8020 (GC,Solid)						
Benzene	98.4	24.6	25.0	ug/kg	11/04/1994	pbg
Toluene	95.6	23.9	25.0	ug/kg	11/04/1994	pbg
Ethylbenzene	102.4	25.6	25.0	ug/kg	11/04/1994	pbg
Xylenes (Total)	96.5	72.4	75.0	ug/kg	11/04/1994	pbg
Bromofluorobenzene (SURR)	87.4	87.4	100	% Rec.	11/04/1994	pbg
METHOD M8015 (EXT., Solid) as Diesel	98.4	984	1000	mg/kg	11/05/1994	tts

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



Client Name: Cambria Env. Technology
Client Acct: 98900
NET Job No: 94.05178

Date: 11/09/1994
ELAP Cert: 1386
Page: 8

Ref: Rose Bertolero, 5900 Acacia, Project No. 32-00128

METHOD BLANK REPORT

Parameter	Method	Reporting	Units	Date	Analyst
	Blank				
	Amount	Limit		Analyzed	Initials
METHOD 8020 (GC,Solid)					
Benzene	ND	2.5	ug/kg	11/03/1994	aal
Toluene	ND	2.5	ug/kg	11/03/1994	aal
Ethylbenzene	ND	2.5	ug/kg	11/03/1994	aal
Xylenes (Total)	ND	2.5	ug/kg	11/03/1994	aal
Bromofluorobenzene (SURR)	90		% Rec.	11/03/1994	aal
METHOD 8020 (GC,Solid)					
Benzene	ND	2.5	ug/kg	11/04/1994	pbg
Toluene	ND	2.5	ug/kg	11/04/1994	pbg
Ethylbenzene	ND	2.5	ug/kg	11/04/1994	pbg
Xylenes (Total)	ND	2.5	ug/kg	11/04/1994	pbg
Bromofluorobenzene (SURR)	85		% Rec.	11/04/1994	pbg
METHOD M8015 (EXT., Solid)					
as Diesel	ND	1	mg/kg	11/05/1994	tts

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



Client Name: Cambria Env. Technology
Client Acct: 98900
NET Job No: 94.05178

Date: 11/09/1994
ELAP Cert: 1386
Page: 9

Ref: Rose Bertolero, 5900 Acacia, Project No. 32-00128

MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike			Spike Amount	Sample Conc.	Matrix Spike		Units	Date Analyzed	Analyst Initials
	Matrix Spike % Rec.	Spike Dup % Rec.	RPD			Matrix Spike Conc.	Dup. Conc.			
METHOD 8020 (GC,Solid)										
Benzene	97.8	98.6	0.8	139	ND	136	137	ug/kg	11/03/1994	aal
Toluene	94.1	97.6	3.7	424	ND	399	414	ug/kg	11/03/1994	aal
METHOD 8020 (GC,Solid)										
Benzene	97.8	98.6	0.8	139	ND	136	137	ug/kg	11/04/1994	pbg
Toluene	94.1	97.6	3.7	424	ND	399	414	ug/kg	11/04/1994	pbg
METHOD M8015 (EXT., Solid) as Diesel	107.2	104.8	2.3	16.7	ND	17.9	17.5	mg/kg	11/05/1994	tts

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



Client Name: Cambria Env. Technology

Date: 11/09/1994

Client Acct: 98900

ELAP Cert: 1386

NET Job No: 94.05178

Page: 10

Ref: Rose Bertolero, 5900 Acacia, Project No. 32-00128

LABORATORY CONTROL SAMPLE REPORT

<u>Parameter</u>	<u>LCS</u>	<u>LCS</u>	<u>LCS</u>	<u>Units</u>	<u>Date</u>	<u>Analyst</u>
	<u>% Recovery</u>	<u>RPD</u>	<u>Amount</u>	<u>Amount</u>	<u>Analyzed</u>	<u>Initials</u>
			<u>Found</u>	<u>Expected</u>		
METHOD M8015 (EXT., Solid)						
as Diesel	97.0		16.2	16.7	11/05/1994	tts

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



® KEY TO ABBREVIATIONS and METHOD REFERENCES

- < : Less than; When appearing in results column indicates analyte not detected at the value following. This datum supercedes the listed Reporting Limit.
- * : Reporting Limits are a function of the dilution factor for any given sample. Actual reporting limits and results have been multiplied by the listed dilution factor. Do not multiply the reporting limits or reported values by the dilution factor.
- dw : Result expressed as dry weight.
- mean : Average; sum of measurements divided by number of measurements.
- mg/Kg (ppm) : Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis (parts per million).
- mg/L : Concentration in units of milligrams of analyte per liter of sample.
- mL/L/hr : Milliliters per liter per hour.
- MPN/100 mL : Most probable number of bacteria per one hundred milliliters of sample.
- N/A : Not applicable.
- NA : Not analyzed.
- ND : Not detected; the analyte concentration is less than the applicable listed reporting limit.
- NTU : Nephelometric turbidity units.
- RPD : Relative percent difference, $100 \text{ [Value 1 - Value 2] / mean value}$.
- SNA : Standard not available.
- ug/Kg (ppb) : Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis (parts per billion).
- ug/L : Concentration in units of micrograms of analyte per liter of sample.
- umhos/cm : Micromhos per centimeter.

Method References

Methods 100 through 493: see "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, Rev. 1983.

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, Rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986., Rev. 1, December 1987.

SM: see "Standard Methods for the Examination of Water & Wastewater, 17th Edition, APHA, 1989.

Revised September, 1993

abb.93



NATIONAL
ENVIRONMENTAL
TESTING, INC.

Santa Rosa Division
435 Tesconi Circle
Santa Rosa, CA 95401
Tel: (707) 526-7200
Fax: (707) 526-9623

John Espinosa
Cambria Env. Technology
1144 65th Street
Suite C
Oakland, CA 94608


Date: 11/01/1994
NET Client Acct. No: 98900
NET Pacific Job No: 94.05005
Received: 10/22/1994

Client Reference Information

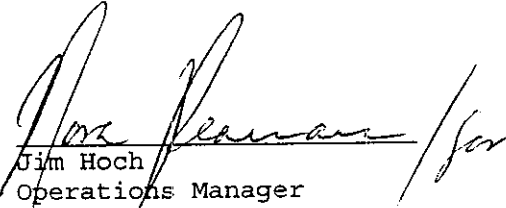
Rose Bertolero/5900 ACACIA, Project No: 32-00128

Sample analysis in support of the project referenced above has been completed and results are presented on 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 welcome to contact Client Services.

Approved by:



Judy Rindley
Project Coordinator



Jim Hoch
Operations Manager

Enclosure (s)





Client Name: Cambria Env. Technology
Client Acct: 98900
NET Job No: 94.05005

Date: 11/01/1994
ELAP Cert: 1386
Page: 2

Ref: Rose Bertolero/5900 ACACIA, Project No: 32-00128

SAMPLE DESCRIPTION: SB1 2.75'
Date Taken: 10/20/1994
Time Taken: 15:12
NET Sample No: 220248

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
Oil & Grease (Total)	1,700		50	mg/kg	5520E		10/28/1994	313
Oil & Grease (Non-Polar)	1,200		50	mg/kg	5520E/F		10/28/1994	305

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



Client Name: Cambria Env. Technology
 Client Acct: 98900
 NET Job No: 94.05005

Date: 11/01/1994
 ELAP Cert: 1386
 Page: 3

Ref: Rose Bertolero/5900 ACACIA, Project No: 32-00128

SAMPLE DESCRIPTION: SB3 2.5'
 Date Taken: 10/20/1994
 Time Taken: 15:15
 NET Sample No: 220249

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
Oil & Grease (Total)	120		50	mg/kg	5520E		10/28/1994	313
Oil & Grease (Non-Polar)	85		50	mg/kg	5520E/F		10/28/1994	305

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



Client Name: Cambria Env. Technology
Client Acct: 98900
NET Job No: 94.05005

Date: 11/01/1994
ELAP Cert: 1386
Page: 4

Ref: Rose Bertolero/5900 ACACIA, Project No: 32-00128

SAMPLE DESCRIPTION: SB4 2.5'
Date Taken: 10/20/1994
Time Taken: 15:20
NET Sample No: 220250

Parameter	Results	Flags	Reporting			Date	Date	Run
			Limit	Units	Method	Extracted	Analyzed	Batch
Oil & Grease (Total)	280		50	mg/kg	5520E		10/28/1994	313
Oil & Grease (Non-Polar)	130		50	mg/kg	5520E/F		10/28/1994	305

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



Client Name: Cambria Env. Technology
Client Acct: 98900
NET Job No: 94.05005

Date: 11/01/1994
ELAP Cert: 1386
Page: 5

Ref: Rose Bertolero/5900 ACACIA, Project No: 32-00128

SAMPLE DESCRIPTION: SB5 3.75'
Date Taken: 10/20/1994
Time Taken: 15:50
NET Sample No: 220251

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
Oil & Grease (Total)	4,800		50	mg/kg	5520E		10/28/1994	313
Oil & Grease (Non-Polar)	3,500		50	mg/kg	5520E/F		10/28/1994	305

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



Client Name: Cambria Env. Technology
Client Acct: 98900
NET Job No: 94.05005

Date: 11/01/1994
ELAP Cert: 1386
Page: 6

Ref: Rose Bertolero/5900 ACACIA, Project No: 32-00128

SAMPLE DESCRIPTION: SB2 2.75'
Date Taken: 10/20/1994
Time Taken: 16:23
NET Sample No: 220252

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch
Oil & Grease (Total)	980		50	mg/kg	5520E		10/31/1994	314
Oil & Grease (Non-Polar)	660		50	mg/kg	5520E/F		10/31/1994	306

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



Client Name: Cambria Env. Technology
Client Acct: 98900
NET Job No: 94.05005

Date: 11/01/1994
ELAP Cert: 1386
Page: 7

Ref: Rose Bertolero/5900 ACACIA, Project No: 32-00128

METHOD BLANK REPORT

<u>Parameter</u>	Method	<u>Reporting</u>	<u>Units</u>	<u>Date</u>	<u>Analyst</u>
	Blank			<u>Analyzed</u>	<u>Initials</u>
	<u>Amount</u>	<u>Limit</u>			
Oil & Grease (Total)	ND	50	mg/kg	10/28/1994	temp
Oil & Grease (Total)	ND	50	mg/kg	10/31/1994	mee
Oil & Grease (Non-Polar)	ND	50	mg/kg	10/28/1994	temp
Oil & Grease (Non-Polar)	ND	50	mg/kg	10/31/1994	mee

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



Client Name: Cambria Env. Technology
Client Acct: 98900
NET Job No: 94.05005

Date: 11/01/1994
ELAP Cert: 1386
Page: 8

Ref: Rose Bertolero/5900 ACACIA, Project No: 32-00128

MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike			Spike Amount	Sample Conc.	Matrix Spike		Units	Date Analyzed	Analyst Initials
	Matrix Spike % Rec.	Spike Dup % Rec.	RPD			Matrix Spike Conc.	Spike Dup. Conc.			
Oil & Grease (Total)	98.9	99.7	0.8	5,807	ND	5,746	4,451	mg/kg	10/28/1994	temp
Oil & Grease (Total)	99.3	101.4	2.0	5,173	ND	5,138	6,218	mg/kg	10/31/1994	mee
Oil & Grease (Non-Polar)	98.9	99.7	0.8	5,807	ND	5,746	4,451	mg/kg	10/28/1994	temp
Oil & Grease (Non-Polar)	99.3	101.4	2.0	5,173	ND	5,138	6,218	mg/kg	10/31/1994	mee

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



Client Name: Cambria Env. Technology
Client Acct: 98900
NET Job No: 94.05005

Date: 11/01/1994
ELAP Cert: 1386
Page: 9

Ref: Rose Bertolero/5900 ACACIA, Project No: 32-00128

LABORATORY CONTROL SAMPLE REPORT

<u>Parameter</u>	LCS		LCS	LCS	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst Initials</u>
	<u>% Recovery</u>	<u>RPD</u>	<u>Amount Found</u>	<u>Amount Expected</u>			
Oil & Grease (Total)	97.7		4,840	4,956	mg/kg	10/28/1994	temp
Oil & Grease (Total)	100.2		3,862	3,854	mg/kg	10/31/1994	mee
Oil & Grease (Non-Polar)	87.8		4,198	4,782	mg/kg	10/28/1994	temp
Oil & Grease (Non-Polar)	94.4		3,638	3,854	mg/kg	10/31/1994	mee

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