

CAMBRIA



Fax

To: Eva Chu

---

Company: ACHCSA

---

Fax: (510) 337-9335

---

Phone: (510) 567-6762

---

Cc: David Diamond, Mark Arniola

---

From: Bob Clark-Riddell

---

Phone: (510) 420-3303

---

Pages: 6, including cover

---

Date: December 19, 2002

---

Re: Additional Information to Consider  
1350 Powell Street, Emeryville

---

Hard Copy to Follow? Yes  No

Eva, as you consider requirements for NFA at the 1350 Powell site, please consider this new information. I understand that your two remaining concerns are potential offsite impact west of the site and obtaining additional data regarding onsite groundwater.

#### New Onsite Groundwater Data – TW-6 only 260 ug/L total TPH

In response to your concern about the concentration of 5,000 ug/L total TPH from temporary well TW-6 on December 4, 2002, Cambria resampled TW-6 yesterday, December 18, 2002. The sample event was conducted after the recent rains, and should help evaluate conditions during the rainy season. The prior sample may be considered more representative of the pre-rainy season.

As shown on the attached laboratory report, well TW-6 contained only 260 ug/L total TPH (total of TPHg and TPH bunker oil). No BTEX, TPHg, or TPHmo were detected. This additional data suggests that onsite groundwater is well below the cleanup goal of 20,000 ug/L total TPH. Furthermore, these residual concentrations are from non-volatile hydrocarbons and do not pose a vapor concern for site occupants. And since onsite groundwater is not being protected for potable water, no further sampling is merited.

#### Offsite Development will Address Any Concern with Residual Impact

Sources at the City of Emeryville believe that the investigation of soil and groundwater beneath the railroad spur for their prospective property purchase did not encounter any significant contamination. Also, City personnel stated that development is planned for the three nearby properties west of the site (the adjacent railroad spur, the forklift property west of the railroad spur along Hollis Street, and north of the Chevron service station on the west side of Hollis Street), and that any hydrocarbons of concern could be addressed at that time. Therefore, no further offsite investigation is merited at this time.

Cambria and interested parties plan to contact you Friday morning to discuss the site.

Cambria Environmental Technology, Inc. 1144 65<sup>th</sup> Street Suite B Oakland CA 94608 Tel (510) 420-0700 Fax (510) 420-9170

	<b>MCCAMPBELL ANALYTICAL INC.</b>	110 2nd Ave South, #D7, Pacheco, CA 94553-5560
		Telephone: 925-798-1620 Fax: 925-798-1622
		<a href="http://www.mccampbell.com">http://www.mccampbell.com</a> E-mail: <a href="mailto:mafa@mccampbell.com">mafa@mccampbell.com</a>

Date: 12.19.02

ATTN: Rob Clark - Riddell

Message: Rush Results for # 502-1795

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

FROM: Michelle

Number of pages faxed including this one: 10

**CAUTION: CONFIDENTIAL**

THE DOCUMENT BEING TELECOPIED TO YOU MAY CONTAIN INFORMATION PROTECTED BY THE SENDER AND/OR CLIENT. It is intended only for the use of the person to whom it is addressed. If you are not the intended recipient or an authorized representative, then this is notice to you that dissemination, distribution or copying of this document is prohibited. If this was received in error, please call us at once and destroy the document.

see

0212330

# RUSH

## McCAMPBELL ANALYTICAL INC.

110 2<sup>nd</sup> AVENUE SOUTH, HD1  
PACHECO, CA 94553-5360

Telephone: (925) 798-1620

Fax: (925) 798-1622

## CHAIN OF CUSTODY RECORD

TURN AROUND TIME:

RUSH 24 HOUR 48 HOUR 5 DAY

EDF Required?  Yes  No

Report To: Bob Clark-Bindell Bill To: S&ME

Company: Cambria Environmental Technology Inc.

6262 Hollis Street

Emeryville, CA 94608

F-mail: b-bindell@cambria-enr.com

Tels: 510 420 3300

Fax: 510-450-8295

Project #: 502-1795

Project Name: Baldwin Airways

Project Location: 1850 Powell St., Emeryville.

Sampler Signature:

### Analysis Request

Other

Comments

BTEX & TPH as Gas (607/8020 + 801) by GC/MS	
TPH as Diesel (8015)	
Total Petroleum Oil & Grease (5520 E&F/B&F)	
Total Petroleum Hydrocarbons (418.1)	
EPA 601 / 8010	
BTEX ONLY (EPA 602 / 8020)	
EPA 608 / 8080	
EPA 608 / 8080 PCB's ONLY	
EPA 624 / 8240	
EPA 625 / 8250	
PAH's / PNA's by EPA 6270 / 8270 / 8310	
CAM-17 Metals	
LCFT-5 Metals	
LCM (7-407421/239.2/6010)	
RCI	

X TPH, BTEX, TPH, PAH's  
ref: see 3rd copy

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED									
		Date	Time			Water	Soil	Air	Sediment	Other	Ice	HCl	HNO <sub>3</sub>	Other						
<u>TW-6</u>		<u>12/18/02</u>	<u>3:00p</u>	<u>5</u>	<u>500ml</u>															

Relinquished By: <u>[Signature]</u>	Date: <u>12/18/02</u>	Time: <u>3:50p</u>	Received By: <u>[Signature]</u>
Relinquished By: <u>Randy Marney</u>	Date: <u>12/18/02</u>	Time: <u>4:05pm</u>	Received By: <u>[Signature]</u>
Relinquished By: <u>Randy Marney</u>	Date: <u>12/18/02</u>	Time: <u>5:30pm</u>	Received By: <u>Mark Valler</u>

Remarks: NO OVERLAP IN CARBON RANGE

**McC Campbell Analytical Inc.**

110 Second Avenue South, #D2

Pacheco, CA 94553-5510

(925) 798-1020



# CHAIN-OF-CUSTODY RECORD

Page : of :

WorkOrder: 0212330

**Client:**

Cambris Env. Technology  
6262 Hollis St.  
Emeryville, CA 94608

TEL: (510) 450-1983  
FAX: (510) 450-8295  
ProjectNo: #502-1795; Balaam Airgas  
PO:

Date Received: 12/18/02

Date Printed: 12/18/02

Sample ID	ClientSampleID	Matrix	Collection Date	Hold	SW0015C	0021B/3015	Requested Tests
0212330-00*	TW-6	Water	12/18/02 3:00:00 PM		B	A	

Prepared by: Sonia Valles

**Comments:**

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

12/19/2002 18:27 FAX 510 420 9170  
DEC-19-2002 16:02  
CAMBRIA  
CAMBRIA  
004/008  
P.03/06

McCampbell Analytical Inc.			110 2nd Avenue South #177, Pacheco, CA 94553-5500 Telephone: 925-798-1620 Fax: 925-798-2622 http://www.mccampbell.com E-mail: info@mccampbell.com							
Cambria Env. Technology 6262 Hollis St. Emeryville, CA 94608	Client Project ID: #502-1795; Balaam Aargas				Date Sampled: 12/18/02					
	Client Contact: Bob Clark-Riddell				Date Received: 12/18/02					
	Client P.O.:				Date Extracted: 12/19/02					
					Date Analyzed: 12/19/02					
<b>Client Defined Gasoline Range (C6-C9) Volatile Hydrocarbons as Gasoline with BTEX *</b>										
Extraction method: SW3030B			Analytical methods: SW8021H/8015CM					Work Order: 021236		
Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	TW-4	W	ND	---	ND	ND	ND	ND	1	104
Reporting Limit for DF = 1; ND means not detected at or above the reporting limit.		W	50	5.0	0.5	0.5	0.5	0.5		ug/l,
		S	1.0	0.05	0.005	0.005	0.005	0.005		mg/kg
*water and vapor samples are reported in ug/L, soil and sludge samples in mg/kg, wipe samples in ug/wipe, and TCLP extracts in ug/L.										
s) eluted chromatogram; sample peak coelutes with surrogate peak.										
-The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant (aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-large peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheet/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas); m) no recognizable pattern.										

		110 2nd Avenue South, AD7, Petaluma, CA 94552-3360 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com e-mail: main@mccampbell.com	
Cambria Env. Technology 6262 Hollis St. Emeryville, CA 94608	Client Project ID: #502-1795; Balaam Airgas	Date Sampled: 12/18/02	
		Date Received: 12/18/02	
	Client Contact: Bob Clark-Riddell	Date Extracted: 12/18/02	
	Client P.O.:	Date Analyzed: 12/18/02	

Diesel(C10-23) Motor Oil(C18+) Bunker Oil(C10+) Range Extractable Hydrocarbons with Silica Gel Clean-Up\*

Extraction method: SW3510C

Analytical method: SW1013C

Work Order: 0212389

Lab ID	Client ID	Matrix	TPH(d)	TPH(ma)	TPH(bu)	DF	% SS
001B	TW-6	w	75.0	ND	260	1	100

Reporting Limit for DF=1; ND means not detected at or above the reporting limit	W	50	250	250	µg/L
	S	NA	NA	NA	mg/Kg

\* water and vapor samples are reported in µg/L, wipe samples in ug/wipe, soil/solid/sludge samples in mg/kg, product oil/non-aqueous liquid samples in mg/L, and all TCLP / STLC / SPLP extracts in µg/L.

# clustered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

\*The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than -2 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) standard solvent / mineral spirit.

DHS Certification No. 1644 Edward Hamilton, Lab Director