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CAMBRIA ENVIRONMENTAL TECHNOLOGY, INC.

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FAX TRANSMITTAL

To: Barney Chan
Organization: Alameda County
Phone: (510) 567-6765
Fax #: (510) 337-9335
Re: Overburden

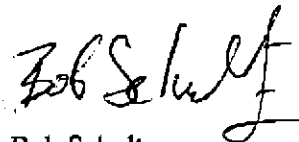
From: Bob Schultz
Phone: (510) 420-3341
Date: October 15, 1998
Project #: 153-1247-4
No. Pages (incl. cover): 4

Dear Mr. Chan:

Please find attached a copy of the analytic results for the overburden removed above from the approximately 140 ft of piping located near the southern end of the storage shed complex. Approximately 14 yds of material was removed from and placed alongside the trench. I collected four samples (one every ~35 ft) from the stockpiled overburden, and instructed the analytical laboratory to composite the samples and analyze the composited sample for TPHd and TPHg/BTEX/MTBE.


With your verbal approval, granted during our phone conversation this afternoon, we will reuse the overburden as backfill. The soil will go back into the same stretch of trench from which it was removed.

Sincerely,


Bob Schultz

H:\City of Oakland\MSC\hydrant removal\FX3chanoverburden.WPD

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 McCAMPBELL ANALYTICAL INC.	110 Second Avenue South, #137, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com E-mail: main@mccampbell.com
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Cambria Environmental Technology 1144 65 th Street, Suite C Oakland, CA 94608	Client Project ID: #153-1247-4; City of MSC	Date Sampled: 10/14/98
	Client Contact: Rob Schultz	Date Received: 10/14/98
	Client P.O.:	Date Extracted: 10/14/98
		Date Analyzed: 10/14/98

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*
 EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method CCM/D(5030)

Lab ID	Client ID	Matrix	TPH(g)*	MTBE	Benzene	Toluene	Dihybenzene	Xylenes	% Recovery Surrogate
96989	Comp-1-4	S	1.2g	ND	ND	ND	ND	0.018	99
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/l.	5.0	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/L

* clustered chromatogram; sample peak coelutes with surrogate peak

The following descriptions of the TPH chromatogram are customary 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 (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.

