



ALISTO ENGINEERING GROUP

1683

February 15, 2000

Mr. Barney Chan
 Alameda County Health Care Services Agency
 1131 Harbor Bay Parkway, Suite 250
 Alameda, California 94502-6577

10-479-02-001

Subject: Garage Bay Water Analysis
 6301 San Pablo Avenue
 Oakland, California

Dear Mr. Chan:

On behalf of Ms. Connie Lam, Alisto Engineering Group is pleased to submit the results of analysis of water that has accumulated in the garage bay of a commercial oil changing facility at 6301 San Pablo Avenue, Oakland, California. The water sample was collected and analyzed to confirm the results of a water sample analysis collected previously by others.

Rainwater has accumulated in the subsurface garage bay, apparently entering through a ventilation conduit on the south side of the building. A sample of the water was collected by TRC Alton Geoscience, consultants for ExxonMobil Corporation, on January 25, 2000. Analysis of the sample detected total petroleum hydrocarbons as diesel (TPH-D) at a concentration of 1000 micrograms per kilograms (ug/l).

As per your suggestion, Alisto re-sampled the garage bay water on February 11, 2000 for TPH-D analysis. The sample was filtered by the laboratory and analyzed using a silica gel cleanup to remove any diesel-range hydrocarbons that may have originated from naturally occurring organic material. Results of the re-sampling and analysis of the garage bay water did not detect TPH-D above the detection limit of 50 ug/l. A copy of the analytical report is attached. As such, the water will be used onsite for dust control or other construction related activities.

Please call if you have questions or need additional information.

Sincerely,

ALISTO ENGINEERING GROUP

Brady Nagle
 Project Manager

Post-it® Fax Note	7671	Date	2/15/00	# of pages	3
To	Barney Chan	From	Brady Nagle		
Co./Dept.	ACTHESA	Co.	ALISTO		
Phone #		Phone #			
Fax #	510-337-9335	Fax #			

Enclosure

cc: Ms. Connie Lam, with enclosure



ALISTO ENGINEERING GROUP

February 15, 2000

R0 445

Mr. Barney Chan
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

10-479-02-001

Subject: Garage Bay Water Analysis
6301 San Pablo Avenue
Oakland, California

Dear Mr. Chan:

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Please call if you have questions or need additional information.


Sincerely,

ALISTO ENGINEERING GROUP

Brady Nagle
Project Manager

Enclosure

cc: Ms. Connie Lam, with enclosure

 McCAMPBELL ANALYTICAL INC.	110 2nd Avenue South, #D7, 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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Alisto Engineering Group 1575 Treat Blvd, Ste 201 Walnut Creek, CA 94598	Client Project ID: #10-479; Garage Bay Sampling	Date Sampled: 02/11/00
	Client Contact: Brady Nagle	Date Received: 02/11/00
	Client P.O:	Date Extracted: 02/11/00
		Date Analyzed: 02/14/00

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel with Silica Gel Clean-up*

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(d)*	% Recovery Surrogate
31066	S-1	W	ND	97
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W		50 ug/L	
	S		1.0 mg/kg	

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

* cluttered 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) medium boiling hump pattern that does not match diesel (?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment.

ALISTO ENGINEERING GROUP CHAIN OF CUSTODY

18930 ZAE657

Project Information:					Report To:					Samples Submitted To:									
Project No: 10-479					Consultant: Alisto Engineering Group					Laboratory: McCampbell Analytical									
Project Title: Garage Bay Sampling					Address: 1575 Treat Blvd., Suite 201					Address: 110 Second Avenue, Suite D									
Location: 6301 San Pablo Avenue Oakland, California					Contact: Walnut Creek, CA 94598 Brady Nagle					Contact: Ed Hamilton									
Sampler's Name: Brady Nagle (print)					Phone: (925) 295-1650					Phone: 925.798.1620									
Sampler's Signature:					Fax: (925) 295-1823					Fax: 925.798.1622									
					Bill To:					Date Results Required:									
					Consultant: Alisto Engineering					Monday, February 14, 2000									
					Address: 1575 Treat Blvd., Suite 201					Date Report Required:									
					Walnut Creek, CA 94588														
TURN AROUND TIME					ANALYSIS										COMMENTS				
RUSH	24 Hour	48 Hour	5 Day	Standard (10-14 days)	TPH-D (EPA 8015), Filtered with Silica Gel Cleanup														
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>															
Sample ID.	Time	Date	# Containers	Matrix															Container / Preservative
S-1	1530	2/11/00	1	Water	X														31066
Relinquished By: <i>[Signature]</i>		Date: 2-11-00		Time: 5:05		Received By: <i>[Signature]</i>		Date:		Time:		SPECIAL INSTRUCTIONS: Filter the water sample prior to analysis. Use silica gel cleanup on the TPH-Diesel analysis.							
Relinquished By:		Date:		Time:		Received By:		Date:		Time:									
Relinquished By:		Date:		Time:		Received By:		Date:		Time:									

ICE/☉ PRESERVATION
 GOOD CONDITION APPROPRIATE
 HEAD SPACE ABSENT CONTAINERS

Sent By: McCampbell Analytical; 925 798 4612; Feb-15-00 9:24AM; Page 2/4