



fax cover sheet

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Date 11/05/98

Number of pages 6

to: Name Ms. Eva Chu

from: Name Paul Jones

Company

Company Amesbury Engineering

Fax 510 337-9330

Address US 101 346

Telephone

Comments: RE: Laboratory Analytical Results
603 Key Route Blvd, Fremont
I will call to discuss on 11/6/98

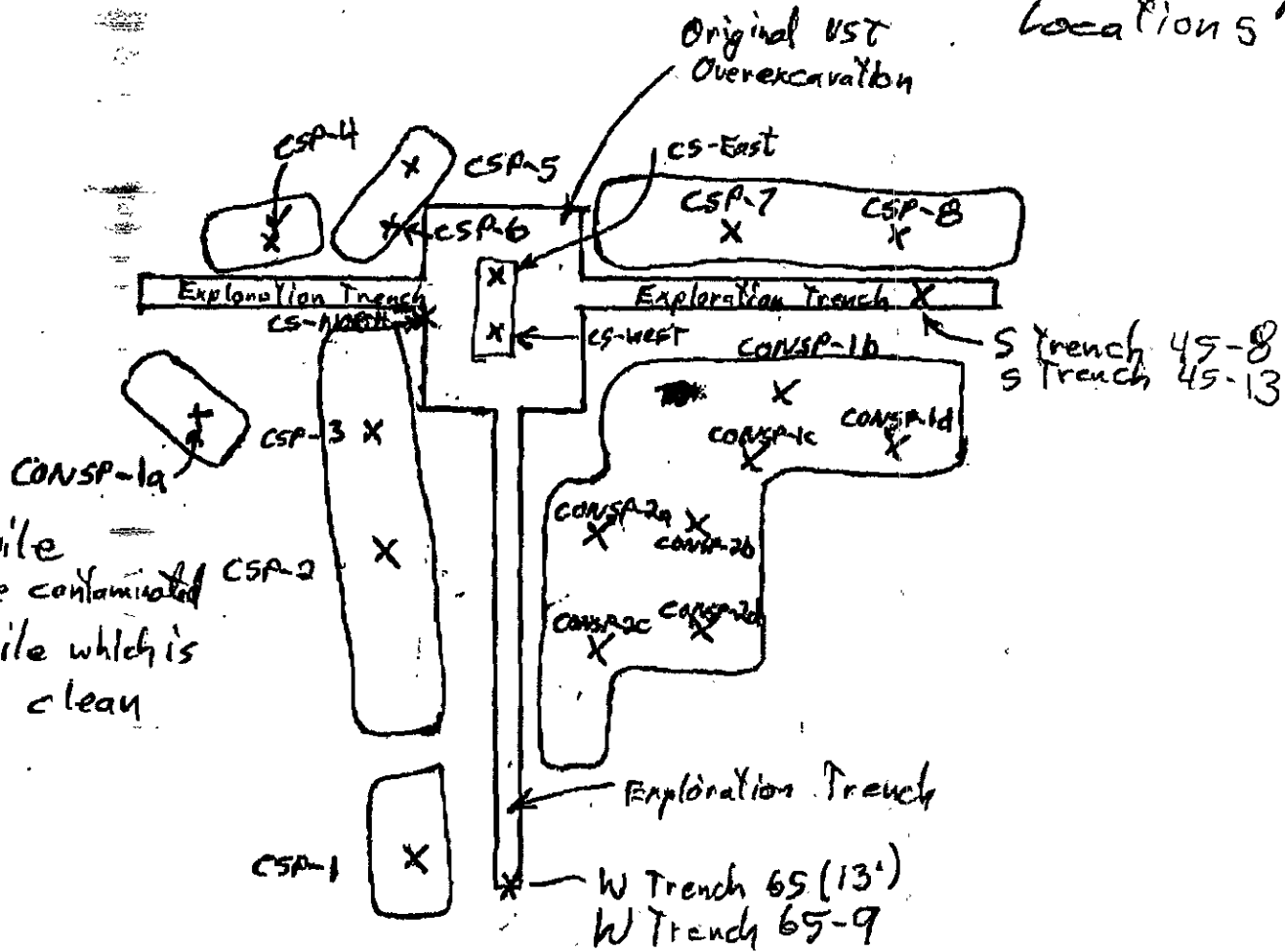
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510/307-9943 x230

Paul Jones

Albany Unified School District
603 Key Ate Blvd.
Albany, CA
Confirmation Sample Locations

North ←



CSP denotes stockpile which is suspected to be contaminated
CONSP denotes stockpile which is suspected to be clean

MCCAMPBELL ANALYTICAL INC.
 110 Second Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone: 925-798-1620 Fax: 925-798-1622
 http://www.mccampbell.com E-mail: mail@mccampbell.com

Artesian Environmental 229 Tewksbury Avenue Point Richmond, CA 94801 264-4-1111	Client Project ID: #378-002-01; Albany USD	Date Sampled: 10/19/98
	Client Contact: Paul Jones	Date Received: 10/20/98
	Client P.O.:	Date Extracted: 10/21/98
		Date Analyzed: 10/24-10/25/98

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel *
 EPA methods modified 8015, and 3530 of 3510; California RWQCB (SF Bay Region) method GCFID(3530) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(d)*	% Recovery Surrogate
97351	GW-1	W	920,c	104
97352	S Trench 45-8	S	350,b,g	100
97353	S Trench 45-13	S	1400,b,g	101
97354	W Trench 65-9	S	280,b,g	100
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/ETLC/SPLP extracts in ug/L
 * distorted chromatogram resulting in obscured 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 customary 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 point pattern that does not match diesel (?); f) one to a few isolated peaks present; g) all range compounds are significant; h) lighter than water (miscible phase is present); i) liquid sample that contains greater than ~5 vol. % sediment.

DHS Certification No. 1644

E.H. Edward Hamilton, Lab Director



McCAMPBELL ANALYTICAL INC.

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Table with client and project information: Artesian Environmental, Client Project ID: #378-002-01, Albany USD, Date Sampled: 10/19/98, Date Received: 10/20/98, Client Contact: Paul Jones, Date Extracted: 10/20-10/21/98, Date Analyzed: 10/22-10/23/98.

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*
EPA methods 8030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method (CFID/5030)

Main data table with columns: Lab ID, Client ID, Matrix, TPH(g), MTBE, Benzene, Toluene, Ethylbenzene, Xylenes, % Recovery Surrogate. Includes rows for samples 97351, 97352, 97353, 97354 and reporting limits for water (W) and soil (S).


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

* clustered 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 region) 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.

DHS Certification No 1644

Edward Hamilton, Lab Director

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Artesian Environmental 229 Tewksbury Avenue Point Richmond, CA 94801	Client Project ID: #378-002-01; Albany USD	Date Sampled: 10/19/98
	Client Contact: Paul Jones	Date Received: 10/20/98
	Client P.O.:	Date Extracted: 10/20/98
		Date Analyzed: 10/20-10/23/98

Petroleum Oil & Grease (with Silica Gel Clean-up) *

BPA methods 413.1, 9070 or 9071; Standard Methods 5520 D/E/F or 5073 D&H for solids and 5520 B&F or 513 A&E for liquids

Lab ID	Client ID	Matrix	Oil & Grease*
97351	OW-1	W	ND
97352	S Trench 4S-8	S	460
97353	S Trench 4S-13	S	1100
97354	W Trench 6S-9	S	450
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	5 mg/L
		S	50 mg/kg

* water samples are reported in mg/L, wipe samples in mg/wipe, soil and sludge samples in mg/kg, and all TCLP / STLC / SPI P extracts in mg/l
h) lighter than water (miscible solvent is propanol); liquid sample that contains greater than ~5vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

OCT. -27' 98(TUE) 19:39 CHROMALAB, INC.

TEL:510 484 1096

P.001

CHROMALAB, INC.

Environmental Services (SES)

October 27, 1998

Submission #: 9810364

MCCAMPBELL ANALYTICAL, INC.

Atten: Ed Hamilton

Project: AE-AVSB

Project#: 12737-300

Received: October 21, 1998

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.
Method: SW846 Method 8270A Nov 1990

Client Sample ID: GW-1 FILTER

SPL#: 211518

Matrix: WATER

Extracted: October 22, 1998

Sampled: October 19, 1998

Run#: 15557

Analysed: October 22, 1998

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE SPIKE (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	0.00	N.D.	---	---
ACENAPHTHYLENE	N.D.	0.00	N.D.	---	---
FLUORENE	N.D.	0.00	N.D.	---	---
PHENANTHRENE	N.D.	0.00	N.D.	71.3	---
ANTHRACENE	N.D.	0.00	N.D.	---	---
FLUORANTHRENE	N.D.	0.00	N.D.	---	---
PYRENE	N.D.	0.00	N.D.	---	---
BENZO (A) ANTHRACENE	N.D.	0.00	N.D.	101	---
CHRYSENE	N.D.	0.00	N.D.	---	---
BENZO (B) FLUORANTHRENE	N.D.	0.00	N.D.	---	---
BENZO (K) FLUORANTHRENE	N.D.	0.00	N.D.	---	---
BENZO (A) PYRENE	N.D.	0.00	N.D.	---	---
INDENO (1, 2, 3-CD) PYRENE	N.D.	0.00	N.D.	---	---
DI-BENZO (A, B) ANTHRACENE	N.D.	0.00	N.D.	---	---
BENZO (GH) PERYLENE	N.D.	0.00	N.D.	---	---

Michael Lee
Analyst

Michael Verona
Operations Manager