6601 Koll Center Parkway Suite 140 Pleasanton, California 94566 Phone (925) 426-0080 FAX (925) 426-0707 www.scsengineers.com

SCS ENGINEERS

October 5, 2007 Project Number: 01203087.03

RECEIVED

2:42 pm, Oct 05, 2007

Alameda County Environmental Health

Mr. Jerry Wickham Alameda County Environmental Health Services 1131 Harbor Bay Parkway, Suite 250 Alameda, California 94502 Phone (510) 567-6791 Fax (510) 337-9335

Subject: Limited Soil Removal/Disposal Report Freisman Ranch Property 1600 Freisman Road Livermore, California

Dear Mr. Wickham:

On behalf of our client, Children's Hospital and Research Center Foundation (Children's Hospital), attached is the *Limited Soil Removal/Disposal Report* prepared by SCS Engineers (SCS) for the Freisman Ranch Property located at 1600 Freisman Road, Livermore, California..

"We declare, under penalty of perjury, that the information and recommendations contained in the attached report are true and correct to the best of our knowledge."

Please contact Steve Clements at (925) 240-5152 if you have any questions or comments regarding this submittal.

Sincerely, Ted Sison, R.E.A

Ted Sison, R.E.A. Project Scientist SCS Engineers

Steve Clements, PG, REA Project Manager SCS Engineers



cc: Lynn Sagramoso – Children's Hospital Tom Terrill – The Terrill Company

SCS ENGINEERS



Limited Soil Removal/Disposal Report Freisman Ranch Property 1600 Freisman Road Livermore, California

Prepared for:

Children's Hospital and Research Center Foundation 2201 Broadway Avenue, Suite 600 Oakland, California 94612 (510) 428-3119

Prepared by:

SCS ENGINEERS 6601 Koll Center Parkway, Suite 140 Pleasanton, CA 94566 (925) 426-0080

> October 5, 2007 File No. 01203087.03

Offices Nationwide www.scsengineers.com

Limited Soil Removal/Disposal Report Freisman Ranch Property 1600 Freisman Road Livermore, California

Prepared for:

Children's Hospital and Research Center Foundation 2201 Broadway Avenue, Suite 600 Oakland, California 94612 (510) 428-3119

Prepared by:

SCS ENGINEERS 6601 Koll Center Parkway, Suite 140 Pleasanton, CA 94566 (925) 426-0080

> October 5, 2007 File No. 01203087.03

This Limited Soil Removal/Disposal Report for the Freisman Ranch Property located at 1600 Freisman Road, Livermore, California, dated October 5, 2007 has been prepared and reviewed by the following:

Ted Sison, R.E.A. Project Scientist

Steve Clements, P.G., R.E.A. Project Manager SCS Engineers



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LIMITATIONS/DISCLAIMER

This Limited Soil Removal/Disposal Report has been prepared on the behalf of the Children's Hospital and Research Center Foundation with specific application to the Freisman Ranch Property located at 1600 Freisman Road, Livermore, California. This report has been prepared in accordance with the care and skill generally exercised by reputable professionals, under similar circumstances, in this or similar localities. No other warranty, expressed or implied, is made as to the professional opinions presented herein. Third parties use this report at their own risk.

Changes in site use and conditions may occur due to manmade changes or variations in rainfall, temperature, water usage, or other factors. Additional information which was not available to the consultant at the time this report was prepared or changes which may occur on the site or in the surrounding area may result in modification to the site that would impact the this report. This report is not a legal opinion.

1 INTRODUCTION

This Report has been prepared by SCS Engineers (SCS) on behalf of Children's Hospital to summarize the limited removal and disposal of lead-impacted soil from the Freisman Ranch Property (the "Property") located at 1600 Freisman Road, Livermore, California. Figure 1 is the Site Location Map and Figure 2 is the Site Plan. The excavation area is shown on Figure 3.

BACKGROUND

The Property was first developed in the 1910s with houses, barns, and outbuildings associated with the former onsite dairy. Dairy operations ceased in 1971, and since that time the Property has been used for residential housing, miscellaneous storage, farming, and animal boarding/grazing (horses, cattle, etc.).

An incinerator was formerly located on the Property approximately 80 feet east of the main dairy building adjacent to Arroyo De Las Positas. As shown in the Photo provided in Appendix A, the incinerator was relatively small and constructed of brick. According to the Property caretaker, Mr. Mike Schofield, the incinerator was used only to burn trash. Other details regarding past incinerator operations are not known to SCS.

The incinerator was demolished by SCS personnel in August 2003 and the surrounding area (approximately 300 square-feet) was excavated to a depth of approximately 1.5 feet below ground surface (bgs) (SCS, November 21, 2003 and SCS, October 19, 2006). The excavated soil was disposed of at the Vasco Road Landfill in Livermore, California in October 2003.

In January 2007, at the request of Alameda County Environmental Health (ACEH) SCS collected 14 additional shallow soil samples in the vicinity and downwind (easterly) of the former incinerator to more fully evaluate potential impacts associated with the incinerator (SCS, March 7, 2007). These soil samples were analyzed for arsenic, cadmium, chromium, lead, mercury, nickel, and zinc. Total lead in one sample (*SS-14*) was the only metal detected at concentrations exceeding residential Environmental Screening Level (ESL) established by the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) or natural background concentrations for the area (SCS, March 7, 2007). In shallow soil sample SS-14 collected approximately 20 feet southwest of the former incinerator total lead was detected at a concentration of 760 milligrams per kilogram (mg/kg)) This concentration exceeds the 150 mg/kg residential ESL established for lead. SCS subsequently recommended limited excavation and disposal of lead impacted soil exceeding 150 mg/kg in the vicinity of soil sample SS-14 (SCS, April 17, 2007). This proposed soil removal/disposal procedures and cleanup goal were approved by ACEH on April 18, 2007.

2 LIMITED REMOVAL/DISPOSAL

PERMITTING AND AGENCY NOTIFICATION

A Workplan for limited soil removal/disposal was prepared by SCS on April 17, 2007 and approved by ACEH on April 17, 2007. At least 48 hours prior to each phase of excavation SCS marked the excavation area and notified Underground Service Alert (USA) as required by law.

In addition, prior to excavation, a private utility survey was conducted by Cruz Brothers Locators of Scott's Valley, California to more fully evaluate the locations of underground utilities in the vicinity of the work area.

SOIL EXCAVATION - FIRST PHASE

The first phase of excavation was conducted by SCS on April 24, 2007 using a backhoe. SCS is a Class A-Haz General waste contractor licensed in the State of California (No. 749678). During this effort an approximately 6-foot by 8-foot area (48 square-feet) was excavated to a depth of approximately 2 feet bgs immediately around the location of soil sample *SS-14* (Figure 3). The excavated soil was placed on, and covered with, plastic sheeting. Water spray was used as necessary to eliminate visible dust.

One confirmation soil sample from the bottom of the excavation (*CSB-1*) and four confirmation soil samples from the sidewalls of the excavation (*CSSW-1* through *CSSW-4*) were collected by SCS personnel on April 24, 2007. The collection depth of each sidewall sample was approximately one foot bgs and the collection depth of the bottom sample was approximately 2 feet bgs. Approximate locations of confirmation soil samples are presented on Figure 3.

All confirmation soil samples were collected in pre-cleaned, laboratory supplied nine-ounce glass jars. At the shallow depths, each soil sample was collected directly into the glass jar using the jar's rim to scoop the soil into the jar. Samples deeper than 1.5 feet were collected using the backhoe bucket to eliminate worker entry into the excavations. Following collection, all soil samples were labeled, logged, and placed in a chilled ice chest for transportation later that day to the state certified McCampbell Analytical Laboratory (McCampbell) in Pittsburg, California. All samples were tracked from the point of collection through the laboratory using standard chain-of-custody procedures.

The confirmation samples were analyzed for total lead using EPA Method 6010C. Total lead was detected above the 150 mg/kg cleanup goal only in sample *CSSW-4* (620 mg/kg) collected from the western sidewall of the excavation. Confirmation sample analytical results are presented in Table 1. Analytical reports for confirmation soil samples are presented in Appendix B.

SOIL EXCAVATION - SECOND PHASE

Based on the results of the initial excavation and confirmatory sample analyses, an additional area, approximately 2-feet by 5-feet (10 square feet) was excavated on May 11, 2007 west of previous confirmation sample location *CSSW-4*. This area was excavated to a depth of approximately 2 feet bgs using a backhoe. Water spray was used as necessary to eliminate visible dust. Further excavation was not possible due to the presence of an approximately 180 square-foot restroom building and surrounding equipment and pavement. The excavated soil was added to the stockpile generated during the first phase of excavation and covered with plastic sheeting.

One confirmation soil sample (*CSSW-4 RE*) was collected from the western sidewall using procedures similar to those described above for the initial excavation. Following collection, the soil sample was handled and analyzed using the procedures described above for the initial excavation.

The confirmation sample was analyzed for total lead using EPA Method 6010C. Total lead was detected above the 150 mg/kg cleanup goal in sample CSSW-4 RE (420 mg/kg). Confirmation sample analytical results are presented in Table 1. The analytical report is presented in Appendix B.

BUILDING DEMOLITION AND SOIL EXCAVATION - THIRD PHASE

Based on the results of the first two phases of excavation and confirmatory sample analyses, additional soil removal/disposal was necessary. However, demolition and removal of the small restroom building and surrounding equipment and pavement was necessary prior continuation of soil removal activities.

Prior to building demolition, asbestos and lead-based paint surveys were conducted on behalf of SCS by Kellco-Macs of Hayward, California. Asbestos was not detected and lead was detected in the building paint at a concentration of 229 mg/cm². A copy of the Kellco-Macs report is provided in Appendix C. In an effort to protect worker safety and reduce the likelihood of flaking paint being scatted onto surrounding soil, SCS sprayed the restroom structure with two coats of new paint prior to demolition. In accordance with Demolition/Asbestos Notification Regulation 11, Rule 2, SCS notified the Bay Area Air Quality Management District (BAAQMD) and obtained J# 2V454 prior to demolition. A copy of the BAAQMD Regulation 11, Rule 2 Notification and Approval is provided in Appendix D. In addition, prior to demolition, SCS obtained a Demolition permit from the City of Livermore Community Development Department (Permit No. DEM07029). A copy of the Demolition Permit is provided in Appendix E. On September 11 and 12, 2007 SCS demolished the restroom building using a backhoe. Water spray was used as necessary to eliminate visible dust. The debris was disposed of at the Vasco Road Landfill in Livermore, California on September 12 and 13, 2007.

On September 12, 2007, SCS excavated the third, approximately 12-foot by 12-foot (144 squarefeet) area, west of previous confirmation sample location *CSSW-4 RE* (Figure 3). This area was excavated to a depth of approximately 2.5 feet bgs using a backhoe. Water spray was used as necessary to eliminate visible dust. One confirmation soil sample from the bottom of the excavation (*CS2B*) and four confirmation soil samples from the sidewalls of the excavation (*CS2SW-1* through *CS2SW-4*) were collected by SCS personnel on September 12, 2007. The collection depth of each of the sidewall samples was approximately 1.5 feet bgs and the collection depth of the bottom sample was approximately 2.5 feet bgs. Approximate locations of the confirmation soil samples are presented on Figure 3. The confirmation soil samples were collected using procedures similar to those described above for the initial excavation. Following collection, the soil sample was handled and analyzed using procedures similar to those described above for the initial excavation. The confirmation samples were analyzed for total lead using EPA Method 6010C. Total lead was not detected above the 150 mg/kg cleanup goal in any of the confirmation soil samples collected following the third phase of excavation. Confirmation sample analytical results are summarized in Table 1. Analytical reports for confirmation soil samples are presented in Appendix B

STOCKPILE CHARACTERIZATION SAMPLING AND ANALYSIS

On April 4, 2007 SCS collected one 4-point composite sample from the stockpiled soil generated during the first phase of excavation (*Stockpile 4 pt. Composite*). The sample was analyzed by McCampbell for CAM-17 metals, including total lead, using Extraction Method SW3050B and EPA Analytical Method 6020A. In addition, the stockpile sample was also analyzed for soluble lead using both the California Waste Extraction Test – Soluble Threshold Limit Concentration (WET-STLC) and Federal Toxicity Characteristic Leaching Procedure (TCLP) using EPA Analytical Method 6010C. Total lead was detected in the stockpile sample at a concentration of 480 mg/kg. Soluble lead was detected in the stockpile sample at a concentration of 10 μ g/L using the WET-STLC method and was not detected using the TCLP method. The stockpile sample analytical report is presented in Appendix B.

SOIL DISPOSAL AND EXCAVATION BACKFILL

Based on these analytical results, stockpiled soil generated during the first and seconded phases of excavation was loaded onto trucks and transported off-site to the Kettleman Hills Landfill in Kettleman City, California for disposal on May 11, 2007. Stockpiled soil generated during the third phase of excavation was transported to the Kettleman Hills Landfill on September 14, 2007. Transportation for each round of disposal was provided by Denbeste Transportation, Inc. of Windsor, California (DTSC Transporter Registration No. 2578; EPA ID. No. CAD982513632). Each truck was covered after loading and all tires were brushed clean before departing the Property. The total weight of soil disposed of at the Kettleman Hills Landfill was approximately 24 tons (approximately 17 cubic yards). Copies of the soil disposal manifests are attached in Appendix F. Backfilling of the excavation was conducted SCS on September 13, 2007 using pea gravel.

3 REPORT SUMMARY AND CLOSING

Approximately 24 tons of soil impacted with total lead at concentrations exceeding 150 mg/kg was excavated from the Property and disposed of off-site at the Kettleman Hills Landfill between April 24, 2007 and September 13, 2007. The impacted/excavated soil was associated with the former on-site incinerator. Total lead concentrations in final confirmation soil samples collected from the base and sidewalls of the excavation were all below the 150 mg/kg cleanup goal established for this project.

4 REFERENCES

- California Regional Water Quality Control Board, San Francisco Bay Region (SFBRWQCB), February 2005. Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater, Volume 1: Summary Tier 1 Lookup Tables.
- SCS Engineers, November 21, 2003. Groundwater Monitoring, Soil Vapor Survey, and Source Removal Report, Freisman Ranch Property, 1660 Freisman Road, Livermore, California.
- SCS Engineers, October 19, 2006. Revised Response to Comments/Workplan, Freisman Ranch Property, 1600 Freisman Road, Livermore, California.
- SCS Engineers, March 7, 2007. Additional Site Investigation Report, Freisman Ranch Property, 1600 Freisman Road, Livermore, California.
- SCS Engineers, April 17, 2007. Workplan Limited Soil Removal/Disposal, Freisman Ranch Property, 1600 Freisman Road, Livermore, California.

FIGURES







TABLES

Table 1.Summary of Confirmation Soil Sample Analytical ResultsFreisman Ranch Property1600 Freisman RoadLivermore, California

Excavation Phase	Sample ID	Sample Location Within Excavation	Depth	Sample Date	Total Lead
			feet bgs		mg/kg
	CSB-1	Bottom	2	04/24/07	26
	CSSW-1	North Sidewall	1	04/24/07	22
First (Initial)	CSSW-2	East Sidewall	1	04/24/07	93
	CSSW-3	South Sidewall	1	04/24/07	15
	CSSW-4	West Sidewall	1	04/24/07	620
Second	CSSW-4 RE	West Sidewall	1	05/11/07	440
	CS2B	Bottom	2.5	09/12/07	12
	CS2SW-1	North Sidewall	1.5	09/12/07	5.7
Third	CS2SW-2	West Sidewall	1.5	09/12/07	6.7
	CS2SW-3	South Sidewall	1.5	09/12/07	15
	CS2SW-4	East Sidewall	1.5	09/12/07	17
		Cleanup Goal			150

Notes:

Total Lead analyzed using EPA Method 6010C

bgs = below ground surface

mg/kg = milligrams per kilogram (or parts per million; ppm)

Bold = Final Excavation Confirmation Sample

APPENDIX A

INCINERATOR PHOTO



Former Incinerator – Friesman Ranch Property, Livermore, CA

APPENDIX B

ANALYTICAL REPORTS



"When Ouality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

SCS Engineers	Client Project ID: 01203087.03;Freisman	Date Sampled:	04/24/07
6601 Koll Center Pkwy, Ste 140	Kanen Linned Son Kenloved	Date Received:	04/24/07
Pleasanton, CA 94566	Client Contact: Steve Clements	Date Reported:	04/25/07
	Client P.O.:	Date Completed:	04/25/07

WorkOrder: 0704498

April 25, 2007

Dear Steve:

Enclosed are:

- 1). the results of **6** analyzed samples from your **01203087.03;Freisman Ranch Limited Soil Removed project,**
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence

in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

	0704498			CHAIN	OF CUSTOD	Y RECORD	SCSD										
SCS E	NGINEERS E	nvironm	ental Cons	ultants	TOTAL NUMBER	OF SAMPLES:	6			ANAL	YSE	S RE	QUES	STED			AB USE
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MPLER N	AME AND SIGNATURE	Ted	Sison	Pot	/			,0	1	th m	t						
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1534 Willow Pass Rd

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

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Steve Clement SCS Engineer 6601 Koll Cent Pleasanton, C	ts s ter Pkwy, Ste 140 A 94566	Email: TEL: ProjectNo: PO:	sclements@: (925) 426-00 01203087.03	scseng.com 8 FAX: (925) ;Freisman Ranch	426-0 Limit	70 ed	Ac SC 66 Ple	counts CS Engii 01 Koll easanto	Payabl neers Center n, CA	e ⁻ Pkwy, 94566	Ste 14	0	Da Da	te Rec te Prii	eived nted:	04/24/ 04/24/	/2007 /2007
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Sample ID	ClientSamp	ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
0704498-001	CSSW-1		Soil	04/24/07			А										
0704498-002	CSSW-2		Soil	04/24/07			А										
0704498-003	CSSW-3		Soil	04/24/07			А										
0704498-004	CSSW-4		Soil	04/24/07			А										
0704498-005	CSB-1		Soil	04/24/07			А										
0704498-006	stockpile 4 pt. Con	nposite	Soil	04/24/07		А											

Test Legend:

1 CAM17MS_S	2 PB_S	3	4
6	7	8	9
11	12		

5	
10	

Prepared by: Chloe Lam

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.

<u></u>
-

1534 Willow Pass Rd

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Pittsburg, CA 94565-1701 (925) 252-9262				WorkO	rder:	070449	Α	C	ClientID:	SCSD				
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Report to: Steve Clements SCS Engineers 6601 Koll Center Pkwy, Ste 140 Pleasanton, CA 94566	Email: TEL: ProjectNo: PO:	sclements@s (925) 426-008 01203087.03	scseng.com 3 FAX: (925) 4 ;Freisman Ranch I	26-070 Limited	Bill t Ac SC 66 Plo	counts I CS Engir 01 Koll (easanto	Payable neers Center n, CA S	e Pkwy, Si 94566	te 140		Request Date Re Date Ad Date Pr	ed TA ceive ld-On: inted:	04/24 04/26 04/26	1 day /2007 5/2007 5/2007
Sample ID ClientSampID		Matrix	Collection Date	Hold 1	2	3	Req 4	uested T 5	ests (See 6 7	e legend 7 8	below) 9	10	11	12

0704498-005	CSB-1	Soil	04/24/07	А						
0704498-006	stockpile 4 pt. Composite	Soil	04/24/07		А					

Test Legend:

1 PB_STLC_Soil	2 PB_TCLP_Soil	3	4	5
6	7	8	9	10
11	12			

Prepared by: Chloe Lam

006 STLC & TCLP Pb added 24hr per S.C 4/26/07 **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.



McCampbell Analytical, Inc. "When Ouality Counts"

Sample Receipt Checklist

Client Name:	SCS Engineers			[Date and T	Time Received:	04/24/07 7	:15:25 PM
Project Name:	01203087.03;Freisman Ranch Limi	ited S	oil Remov	/e (Checklist	completed and r	eviewed by:	Chloe Lam
WorkOrder N°:	0704498 Matrix <u>Soil</u>			(Carrier:	Client Drop-In		
	Chair	n of Cu	stody (CO	C) Inf	ormatio	n		
Chain of custody	present?	Yes		No		-		
Chain of custody	v signed when relinguished and received?	Yes	\checkmark	No				
Chain of custody	agrees with sample labels?	Yes	✓	No				
Sample IDs noted	by Client on COC?	Yes	\checkmark	No				
Date and Time of	i collection noted by Client on COC?	Yes		No				
Sampler's name	noted on COC?	Yes		No				
campion o namo		100	_	1.0				
	<u>S</u>	ample	Receipt In	nform	<u>ation</u>			
Custody seals in	tact on shippping container/cooler?	Yes		No			NA 🗹	
Shipping contain	er/cooler in good condition?	Yes	\checkmark	No				
Samples in prop	er containers/bottles?	Yes	✓	No				
Sample containe	ers intact?	Yes	\checkmark	No				
Sufficient sample	e volume for indicated test?	Yes	\checkmark	No				
	Sample Prese	rvatio	n and Hold	l Time	(HT) Inf	ormation		
	<u></u>				<u> </u>	ormation		
All samples rece	ived within holding time?	Yes		No			_	
Container/Temp	Blank temperature	Coole	er Temp: 9	9.8°C			NA	
Water - VOA via	Is have zero headspace / no bubbles?	Yes		No	□ No	VOA vials subm	itted 🗹	
Sample labels cl	necked for correct preservation?	Yes	✓	No				
TTLC Metal - pH	acceptable upon receipt (pH<2)?	Yes		No			N 🗹	

Client contacted:

Date contacted:

Contacted by:

Comments:

	cCampbell Analyti "When Ouality Counts"	cal, Inc	<u>.</u>	15 Web: w	34 Willow F ww.mccamp Telephone: 8	Pass Road, Pittsburg, CA 94565- bell.com E-mail: main@mccan 877-252-9262 Fax: 925-252-92	1701 pbell.com 69	
SCS Engineer	s nter Pkwy Ste 140	Client Proj 01203087.0 Soil Remo	Project ID: Date Sampled: 04/2 87.03;Freisman Ranch Limited Date Received: 04/2					
Pleasanton C	A 94566	Client Cor	ntact: Ste	ve Clements		Date Extracted: 04/24	/07	
T leasanton, C	A 94500	Client P.O.	.:			Date Analyzed 04/25	/07	
			Lead by	· ICP*				
Extraction method	SW3050B	A	Analytical me	thods 6010C		Work O	rder: 070	04498
Lab ID	Client ID		Matrix	Extraction		Lead	DF	% 55
0704498-001A	CSSW-1		S	TTLC		22	1	97
0704498-002A	CSSW-2		S	TTLC		93	1	104
0704498-003A	CSSW-3		S	TTLC		15	1	102
0704498-004A	CSSW-4		S	TTLC		620	1	98
0704498-005A	CSB-1		S	TTLC		26	1	101

Reporting Limit for DF =1;	W	TTLC	NA	µg/L
above the reporting limit	S	TTLC	5.0	mg/Kg

*water samples are reported in μ g/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in μ g/wipe, filter samples in μ g/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~ 1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.



McCampbell Ar	nalytical, _{Counts"}	<u>Inc.</u>		1534 Willow I Web: www.mccamp Telephone: 8	Pass Road, Pittsburg, CA bbell.com E-mail: main 377-252-9262 Fax: 92:	94565-1701 @mccampbell.c 5-252-9269	com
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SCS Engliters	0120	3087.03;Freisr	nan Rai	nch Limited	Date Received:	04/24/07	
6601 Koll Center Pkwy, Ste 140	Clier	nt Contact: St	eve Cle	ements	Date Extracted:	04/24/07	
Pleasanton CA 9/1566	Clier	at PO ·			Date Analyzed	04/25/07	
Theasanton, CA 94500	Cher	lt I .O			Date Anaryzed	04/25/07	
		CAM / CCR	R 17 Me	tals*			
Lab ID	0704498-006	бA				Reporting Lin	mit for $DF = 1$:
Client ID	stockpile 4 p	ıt.				ND means	not detected
	Composite	e				above the re	porting limit
Matrix	S					S	W
Extraction Type	TTLC					mg/Kg	mg/L
	IC	P-MS Metals,	Conce	ntration*			
Analytical Method: 6020A	1	Extraction Method	1: SW305	50B		Work Order:	0704498
Dilution Factor	1					1	1
Antimony	2.3					0.5	NA
Arsenic	15					0.5	NA
Barium	250					5.0	NA
Beryllium	ND					0.5	NA
Cadmium	1.0					0.25	NA
Cabalt	64					0.5	NA
Copper	<u> </u>					0.5	NA
Lead	480					0.5	NA
Mercury	0.084					0.05	NA
Molyhdenum	0.88					0.5	NA
Nickel	45					0.5	NA
Selenium	ND					0.5	NA
Silver	ND					0.5	NA
Thallium	ND					0.5	NA
Vanadium	36					0.5	NA
Zinc	450					5.0	NA
%SS:	111						
				1	- E		
Comments							
*water samples are reported in µg/L, proc mg/L, soil/sludge/solid samples in mg/kg,	luct/oil/non-aqu wipe samples in	eous liquid samj μg/wipe, filter s	ples and amples i	all TCLP / STLC / n µg/filter.	DISTLC / SPLP extr	acts are repo	rted in
# means surrogate diluted out of range; N instrument.	D means not de	etected above th	e reporti	ng limit; N/A mea	ns not applicable to t	his sample o	r
i) aqueous sample containing greater than	n ~1 vol. % sedi	ment; for DISSO	DLVED	metals, this sample	has been preserved	prior to filtra	tion; for

TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; J) analyte detected below quantitation limits; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

	CCampbell Analyti "When Ouality Counts"	ical, Inc	<u>.</u>	15 Web: w	534 Willow I www.mccamp Telephone: 8	Pass Road, Pittsburg, CA 94565 bbell.com E-mail: main@mcca 877-252-9262 Fax: 925-252-9	-1701 mpbell.com 269	
SCS Engineer	'S	Client Proj	ject ID: ()1203087.03;F	reisman	Date Sampled: 04/24	1/07	
6601 Koll Cer	nter Pkwy, Ste 140			Kellloveu		Date Received: 04/24	4/07	
Pleasanton, C	A 94566	Client Cor	ntact: Ste	eve Clements		Date Extracted: 04/20	5/07-04/2	27/07
		Client P.O	.:			Date Analyzed: 04/27	7/07	
			Lead by	ICP*				
Extraction method:	SW1311		Analytical me	ethods: SW6010C	1	Work	Order: 070	04498
Lab ID	Client ID		Matrix	Extraction		Lead	DF	% SS
0704498-006A	stockpile 4 pt. Compos	site	S	TCLP		ND	1	N/A

Reporting Limit for DF =1;	W	TTLC	NA	µg/L
above the reporting limit	S	TCLP	0.2	mg/L

*water samples are reported in $\mu g/L$, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in $\mu g/wipe$, filter samples in $\mu g/filter$.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~ 1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.



"When Ouality Counts"

QC SUMMARY REPORT FOR 6010C

W.O. Sample Mat	trix: Soil				QC Ma	atrix: Soil					WorkO	rder 07044	98
EPA Method 6010C Extraction SW3050B BatchID: 27641 St					Spiked Sa	mple	ID 0704498-	001A					
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acce	eptance	e Criteria (%)
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	MS/MSD RPD LCS/LCSD R		
Lead	22	50	78	80.2	1.73	10	100	109	8.24	75 - 125	20	80 - 120	20
%SS:	97	250	95	96	1.42	250	104	103	1.16	70 - 130	20	70 - 130	20
All target compou NONE	nds in the M	ethod Bla	ank of this	s extractio	on batch wer	e ND less	than the n	nethod RL	with the fol	lowing exce	ptions:		

BATCH 27641 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0704498-001A	04/24/0	04/24/07 04	/25/07 10:51 AM	0704498-002A	04/24/07	04/24/07	04/25/07 9:28 AM
0704498-003A	04/24/0	07 04/24/07 0	04/25/07 9:31 AM	0704498-004A	04/24/07	04/24/07	04/25/07 9:34 AM
0704498-005A	04/24/0	07 04/24/07 0	04/25/07 9:36 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte

AK_ QA/QC Officer



"When Ouality Counts"

QC SUMMARY REPORT FOR 6020A

W.O. Sample Ma	trix: Soil		QC Matrix: Soil WorkOrder 0704498									.98	
EPA Method 60)20A			Extracti	on SW305	0B	В	atchID: 2	7619	Spiked Sa	mple	ID 0704454	-004A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acce	eptance	e Criteria (%	,)
, individ	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	0.55	50	98.1	101	3.08	10	98.1	99.2	1.19	75 - 125	20	80 - 120	20
Arsenic	5.7	50	100	102	2.01	10	99.6	101	1.19	75 - 125	20	80 - 120	20
Barium	350	500	104	109	2.40	100	97.9	98.4	0.540	75 - 125	20	80 - 120	20
Beryllium	0.53	50	92.8	94.9	2.17	10	104	107	2.36	75 - 125	20	80 - 120	20
Cadmium	ND	50	97.5	101	3.33	10	99.3	99.7	0.372	75 - 125	20	80 - 120	20
Chromium	52	50	97.8	99.8	0.981	10	98.2	98.6	0.447	75 - 125	20	80 - 120	20
Cobalt	12	50	90.3	95.8	4.71	10	96.9	97.7	0.802	75 - 125	20	80 - 120	20
Copper	27	50	101	104	1.56	10	100	101	1.09	75 - 125	20	80 - 120	20
Lead	7.7	50	96.8	101	3.40	10	97.9	99.2	1.36	75 - 125	20	80 - 120	20
Mercury	0.11	1.25	96.5	99.3	2.61	0.50	95.2	95.7	0.511	75 - 125	20	80 - 120	20
Molybdenum	0.93	50	95.4	101	5.36	10	93.5	96.6	3.24	75 - 125	20	80 - 120	20
Nickel	56	50	106	109	1.46	10	101	101	0	75 - 125	20	80 - 120	20
Selenium	ND	50	90.2	94.4	4.48	10	89.1	92.5	3.80	75 - 125	20	80 - 120	20
Silver	ND	50	97.8	103	4.71	10	101	102	1.58	75 - 125	20	80 - 120	20
Thallium	ND	50	98.3	102	4.01	10	97.5	99.1	1.69	75 - 125	20	80 - 120	20
Vanadium	47	50	99.6	101	0.806	10	98.1	99.5	1.42	75 - 125	20	80 - 120	20
Zinc	50	500	98.7	103	3.68	100	97.4	99.2	1.85	75 - 125	20	80 - 120	20
%SS:	97	250	106	107	0.940	250	101	100	0.239	70 - 130	20	70 - 130	20
All target compou NONE	All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE												

BATCH 27619 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0704498-006A	04/24/0	07 04/24/07	04/25/07 5:20 PM	0704498-006A	04/24/0	7 04/24/07	04/25/07 5:35 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte

QA/QC Officer

DHS ELAP Certification Nº 1644

	CCampbell Analyti "When Ouality Counts"	cal, Inc	<u>•</u>	15 Web: w	34 Willow I ww.mccamp Telephone: 8	Pass Road, Pittsburg, CA 94565- bbell.com E-mail: main@mccan 877-252-9262 Fax: 925-252-92	1701 npbell.com :69	
SCS Engineer	S	Client Proj	ject ID: 03:Ereistr	an Ranch Lim	ited	Date Sampled: 04/24	/07	
6601 Koll Cer	nter Pkwy, Ste 140	Soil Remo	wed		lited	Date Received: 04/24	/07	
Pleasanton, C	A 94566	Client Cor	ntact: Ste	eve Clements		Date Extracted: 04/26	/07-04/2	8/07
		Client P.O	.:			Date Analyzed 04/30	/07	
			Lead by	ICP*				
Extraction method	CA Title 22		Analytical me	ethods SW6010C		Work C	rder: 070	04498
Lab ID	Client ID		Matrix	Extraction		Lead	DF	% SS
0704498-006A	stockpile 4 pt. Compos	ite	S	STLC		10	1	N/A

Above the reporting limit S STLC 0.2 mg/L	Reporting Limit for $DF = 1$;	W	TTLC	NA	µg/L
	above the reporting limit	S	STLC	0.2	mg/L

*water samples are reported in $\mu g/L$, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in $\mu g/$ wipe, filter samples in $\mu g/$ filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~ 1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.





"When Ouality Counts"

QC SUMMARY REPORT FOR SW6010C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0704498

EPA Method SW6010C	Method SW6010C Extraction CA Title 22				Ba	tchID: 27	588	Spiked Sample ID: N/A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	1
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	N/A	1	N/A	N/A	N/A	99.2	90.9	8.70	N/A	N/A	80 - 120	20
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE												

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0704498-006A	04/24/07	04/26/07	04/30/07 1:58 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.





"When Ouality Counts"

QC SUMMARY REPORT FOR SW6010C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 0704498

EPA Method SW6010C Extraction SW1311					Bat	chID: 27	674	Spiked Sample ID: N/A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	1
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	N/A	1	N/A	N/A	N/A	99.8	101	1.51	N/A	N/A	80 - 120	20
All target compounds in the Method B NONE	lank of this	extraction	batch we	ere ND les	ss than the	method F	RL with th	ne following	exceptions:			

BATCH 27674 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0704498-006A	04/24/07	04/26/07	04/27/07 1:32 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.





"When Ouality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

SCS Engineers	Client Project ID: #01203087.03; Freisman	Date Sampled: 05/11/07
6601 Koll Center Pkwy, Ste 140	Kanen Son Keniovai	Date Received: 05/15/07
Pleasanton, CA 94566	Client Contact: Steve Clements	Date Reported: 05/18/07
	Client P.O.:	Date Completed: 05/18/07

WorkOrder: 0705385

May 18, 2007

Dear Steve:

Enclosed are:

- 1). the results of 1 analyzed sample from your #01203087.03; Freisman Ranch Soil Removal project,
- 2). a QC report for the above sample
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence

in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

	0705385			CHAIN	OF CUSTOD	RECORD	SCSD	>								
SCS E	ENGINEERS E	nvironm	ental Cons	ultants	TOTAL NUMBER	OF SAMPLES:	1		A	NALY	SES	REQ	JESTE	D		ONLY
((0))		01	5 424 0090		PAGE /	OF	1									
Suite 1	40	FA	X 925 426-0707	7	TURNAROUND T	ME REQUIRED:	Vormal	2								
Pleasa	nton, CA 94566	W	ww.scsengineers.	com	5-Day3	DayImmediate	eOther	8								
PROJECT N	IUMBER: 01203	087.0	3		PROJECT MANAG	GER: S. Clen	neuts	Le								
PROJECT N	IAME: Freisman	Ranch	Soil R	emoval	W.O. / S.O. #:			0								
PROJECT L	OCATION: 1600	Freisna	in Rd, L	ivermor	e, cA			3								
SAMPLER N	AME AND SIGNATURE	Ted	Sison	Port				10								
I.D. NUMBER	SAMPLE DESIGNATION	SAMPLE	DATE/TIME COLLECTED	CONTAINER SIZE/TYPE	SAMPLE	SPECIAL INSTRUCTI	IONS/COMMENTS	1								
	CSSW-YRE	soil	5-11-07	9 OZ JAR	nla			X								
										1	1	1				
										+	+	+	-		+	
										-	+	+	-			
						-				-	+	-				
										-	+	-	-		-	
											+	+	+	\vdash		
							7/0/		A	-	+	+	-		/	
							GOOD CONDITI	NU		-	APPR	OPIE	ATE	A	-	
							HEAD SPACE AI DECHLORINATI	BENT DIN	AB		CONT	CADE ERVE	RS	AB		
							PRESERVATIO	vo/	S	D&G	MET	ALS	OTHER			
NOTES:											SA	AMPLE	CONDI	TION U	PON RE	CEIPT:
RELINGUISHED)		E:	RECEIVED BY:	9	DATE		DATE	0		RECEIV	ED BY	1	0		DATE:	1.11
COMPANY:	5 TIME	-14-07	COMPANY:	gruh	5-14-07 TIME:	COMPANY: A	TIME:	15-0	7	COMPA	Much NY:	la	A		S /(S	15-12
- 50	SA	10:25	Sel	<u></u>	10:25	Ses	3:	151	0							
Der	hland 5/1	5- 1642	_ /	Ullu												

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1534 Willow Pass Rd

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Pittsburg, CA 94565-1701 (925) 252-9262				WorkO	rder: 0705385	ClientII): SCSD		
			EDF	Excel	Fax	🖌 Email	HardCopy	ThirdParty	
Report to:				В	ill t		Re	quested TAT:	5 days
Steve Clements	Email:	sclements@scs	eng.com		Accounts Pay	/able			
SCS Engineers	TEL:	(925) 426-008	FAX: (925) 4	26-070	SCS Enginee	ers			
6601 Koll Center Pkwy, Ste 140	ProjectNo	#01203087.03; I	Freisman Ranch	n Soil R	6601 Koll Cer	nter Pkwy, Ste 140	ე <i>Da</i>	ite Received	05/15/2007
Pleasanton, CA 94566	PO:				Pleasanton, C	CA 94566	Da	te Printed:	05/15/2007

								Req	uested	Tests (See leg	gend be	elow)			
Sample ID	ClientSampID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
0705385-001	CSSW - 4 RE	Soil	5/11/2007		А											

Test Legend:

1 PB_S	2	3	4	5
6	7	8	9	10
11	12			

Prepared by:	Chloe Lam
--------------	-----------

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.


McCampbell Analytical, Inc. "When Ouality Counts"

Sample Receipt Checklist

Client Name:	SCS Engineers				Date a	and Time Received:	5/15/2007	4:49:52 PM
Project Name:	#01203087.03; F	reisman Ranch So	il Ren	noval	Check	klist completed and r	eviewed by:	Chloe Lam
WorkOrder N°:	0705385	Matrix <u>Soil</u>			Carrie	er: <u>Client Drop-In</u>		
		Chain	of Cu	stody (C	OC) Informa	ation		
Chain of custody	y present?		Yes	\checkmark	No 🗆			
Chain of custody	y signed when relinqu	ished and received?	Yes	✓	No 🗆			
Chain of custody	y agrees with sample	labels?	Yes	✓	No 🗌			
Sample IDs noted	d by Client on COC?		Yes	\checkmark	No 🗆			
Date and Time o	f collection noted by C	lient on COC?	Yes	✓	No 🗆			
Sampler's name	noted on COC?		Yes	✓	No 🗆			
		S	ample	Receipt	Information	<u>1</u>		
Custody seals in	tact on shippping cor	tainer/cooler?	Yes		No 🗆	_	NA 🔽	
Shipping contain	er/cooler in good con	dition?	Yes	\checkmark	No 🗆			
Samples in prop	er containers/bottles?		Yes	✓	No 🗆			
Sample containe	ers intact?		Yes	\checkmark	No 🗆			
Sufficient sample	e volume for indicated	I test?	Yes	✓	No 🗌			
		Sample Prese	rvatio	n and Ho	ld Time (HT) Information		
All complex reco	ived within helding tin	<u></u>	Voc			<u>,</u>		
All samples rece			Casta					
Container/Temp	Blank temperature		Coole	er Temp:	7.6°C			
Water - VOA via	lls have zero headspa	ace / no bubbles?	Yes		No	No VOA vials subm	itted 🗹	
Sample labels cl	hecked for correct pre	eservation?	Yes	✓	No			
TTLC Metal - pH	acceptable upon rece	eipt (pH<2)?	Yes		No 🗆		NA 🗹	

Client contacted:

Date contacted:

Contacted by:

Comments:

	CCampbell Analyti "When Ouality Counts"	cal, Inc.		1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269									
SCS Engineer	'S	Client Project	ct ID: #	01203087.03;		Date Sampled: 05/11	/07						
6601 Koll Cer	nter Pkwy, Ste 140		anen 501	i Kemovai		Date Received: 05/15/07							
Pleasanton, C	A 94566	Client Cont	tact: Ste	ve Clements		Date Extracted: 05/15	5/07						
		Client P.O.:				Date Analyzed 05/17	7/07						
			Lead by	ead by ICP*									
Extraction method	SW3050B	Ar	nalytical me	thods 6010C		Work (Drder: 070	05385					
Lau ID	Chefit ID		Mault	Extraction		Leau	DI	70 55					
0705385-001A	CSSW - 4 RE		S	TTLC		440	1	103					

Reporting Limit for DF =1;	W	TTLC	NA	µg/L
above the reporting limit	S	TTLC	5.0	mg/Kg

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

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.





"When Ouality Counts"

QC SUMMARY REPORT FOR 6010C

W.O. Sample Ma			QC Ma		WorkOrder: 0705385									
EPA Method 6010C			Extraction SW3050B BatchID: 28090						3090	Spiked Sample ID 0705370-011A				
Analyte	Spiked	MS	MS MSD MS-MSD Spiked LCS LCSD LCS-LCSD					Acce	Acceptance Criteria (%)					
,	mg/Kg	% Rec. % Rec. % RPD mg/Kg %			% Rec.	% Rec.	% RPD	% RPD MS / MSD RPD			RPD			
Lead	ND	50	103	100	2.62	10	105	114	8.26	75 - 125	20	80 - 120	20	
%SS:	107	250	107	106	1.12	250	105	106	0.663	70 - 130	20	70 - 130	20	
All target compou NONE	nds in the M	ethod Bla	ank of this	s extractio	on batch wer	e ND less	than the n	nethod RL	with the fol	lowing exce	ptions:			

BATCH 28090 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0705385-001A	05/11/0	07 05/15/07)5	5/17/07 10:49 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte



QA/QC Officer



"When Ouality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

SCS Engineers	Client Project ID: #01203087.03; Freisman	Date Sampled:	09/12/07
6601 Koll Center Pkwy, Ste 140	Kaici	Date Received:	09/12/07
Pleasanton, CA 94566	Client Contact: Steve Clements	Date Reported:	09/13/07
	Client P.O.:	Date Completed:	09/13/07

WorkOrder: 0709257

September 13, 2007

Dear Steve:

Enclosed are:

- 1). the results of **5** analyzed samples from your **#01203087.03; Freisman Ranch project**,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence

in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

	07098	257		CHAIN	OF CUSTOD	Y RECORD				ICH
SCS E	ENGINEERS E	nvironm	ental Cons	ultants	TOTAL NUMBER	OF SAMPLES: 5	A	NALYSES RE	QUESTED	ONLY
6601 H Suite 1 Pleasa	Koll Center Parkway 40 nton, CA 94566	92 FA	25 426-0080 X 925 426-070 ww.scsengineers.	7 com	PAGE // TURNAROUND T 5-Day3	OF IME REQUIRED: OF -DayImmediate	er			
PROJECT N	UMBER: 012030	87.03			PROJECT MANA	GER: S! Clements				
PROJECT N	IAME: Freisnan,	Ranch			W.O. / S.O. #:		\mathcal{A}			
PROJECT L	OCATION: 1600 Fr	cisman Re	1. Liveamo	u ca					· · ·	
SAMPLER N	NAME AND SIGNATURE	Ted.	Sison -	lat			Ø			
I.D. NUMBER	SAMPLE DESIGNATION	SAMPLE MATRIX	DATE/TIME COLLECTED	CONTAINER SIZE/TYPE	SAMPLE PRESERVATIVE	SPECIAL INSTRUCTIONS/COMMENT	rs 🦞			
	9CS2SW-1	Soil	9-12-07	902 5AR	rla		X			
	CS25W-2	1	(1	1		X			
	CS2SW-3		A.				X			
	CS23W-4			1			X			
	CS2B	4					X			
				2						
			ICEN Que				_			
			HEAD SPAC DECHLORIE	E ABSENT	APPROPRIATE CONTAINERS	(AB				
			PRESERVA	VOAS 0	RG METALS OTHE	2				
CS25 CS25	sw-1 through (5 3 collected from	n bettom	collected a of excave	t 1.51 c tion @	2.5' 692	~		SAMPL	E CONDITION (JPON RECEIPT:
		7-12-07	RECEIVED BY:		DATE: 9-12-07	RELENGUESHED BY:	12/07	RECEIVED BY:	a Vx	DATE 12/07
OMPANY:	S	2:05 0	SCS		71ME: 2:05 (SCS	5.20 C	COMPANY:	7	320pm

	SW.
6	3V
	~~

1534 Willow Pass Rd

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Pittsburg (925) 25	g, CA 94565-1701 52-9262					Work	Order	: 0709	257	Client	D: SCS	D				
				EDF		Excel		Fax	E	mail	Hard	Сору	Thir	dParty		
Report to: Steve Cleme	ents	Email:	sclements@s	cseng.com			Bill t Ac	counts	Payable			Red	questec	TAT:	1	day
SCS Engine 6601 Koll Ce Pleasanton,	TEL: ProjectNo: PO:	(925) 426-008 #01203087.0	3 FAX: (925) 3; Freisman Ranc	426-0 [°] :h	70	SC 66 Ple	CS Engi 01 Koll easanto	neers Center Pkv on, CA 9456	vy, Ste 14 56	40	Da Da	te Reco te Prin	eived nted:	09/12/2 09/12/2	2007 2007	
									Reques	ted Tests	s (See leg	jend b	elow)			
Sample ID	ClientSampID)	Matrix	Collection Date	Hold	1	2	3	4	56	7	8	9	10	11	12
0709257-001	CS2SW-1		Soil	09/12/07		А										
0709257-002	CS2SW-2		Soil	09/12/07		А										
0709257-003	CS2SW-3		Soil	09/12/07		Α										
0709257-004	CS2SW-4		Soil	09/12/07		А										
0709257-005	CS2B		Soil	09/12/07		А										

Test Legend:

1 PB_S	2	3	4	5
6	7	8	9	10
11	12			

Prepared by: Maria Venegas

24hr Rush **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.



McCampbell Analytical, Inc. "When Ouality Counts"

Sample Receipt Checklist

Client Name:	SCS Engineers				Date a	ind Time Received:	09/12/07 4	:04:44 PM
Project Name:	#01203087.03; F	reisman Ranch			Check	list completed and re	eviewed by:	Maria Venegas
WorkOrder N°:	0709257	Matrix <u>Soil</u>			Carrie	r: <u>Client Drop-In</u>		
		<u>Chain</u>	of Cu	stody (C	OC) Informa	<u>ition</u>		
Chain of custody	/ present?		Yes	✓	No 🗆			
Chain of custody	v signed when relinqu	ished and received?	Yes	\checkmark	No 🗆			
Chain of custody	agrees with sample	labels?	Yes	\checkmark	No 🗌			
Sample IDs noted	d by Client on COC?		Yes	✓	No 🗆			
Date and Time of	f collection noted by Cl	lient on COC?	Yes	✓	No 🗆			
Sampler's name	noted on COC?		Yes	✓	No 🗆			
		<u>S:</u>	ample	Receipt	Information			
Custody seals in	tact on shipping conta	ainer/cooler?	Yes		No 🗆		NA 🗹	
Shipping contain	er/cooler in good cond	dition?	Yes	\checkmark	No 🗆			
Samples in prop	er containers/bottles?		Yes	\checkmark	No 🗆			
Sample containe	ers intact?		Yes	\checkmark	No 🗆			
Sufficient sample	e volume for indicated	test?	Yes	\checkmark	No 🗌			
		Sample Preser	vatior	n and Ho	ld Time (HT)	Information		
All samples rece	ived within holding tim	ne?	Yes	✓	No 🗌			
Container/Temp	Blank temperature		Coole	er Temp:	6.2°C		NA 🗆	
Water - VOA via	ls have zero headspa	ice / no bubbles?	Yes		No 🗆	No VOA vials subm	itted 🗹	
Sample labels ch	hecked for correct pre	eservation?	Yes	✓	No 🗌			
TTLC Metal - pH	acceptable upon rece	ipt (pH<2)?	Yes		No 🗆		NA 🗹	

Client contacted:

Date contacted:

Contacted by:

Comments:

	CCampbell Analyti	cal, Inc	2	1534 Web: www Tel	Willow I v.mccamp ephone: 8	Pass Road, Pittsburg, CA 94 bbell.com E-mail: main@r 377-252-9262 Fax: 925-2	4565-17 nccampl 52-9269	701 bell.com Ə		
SCS Engineer	rs	Client Pro Freisman	ject ID: # Ranch	#01203087.03;		Date Sampled: 09/12/07 Date Received: 09/12/07				
oour Kon Cer	nier Pkwy, Sie 140	Client Co	ontact: Ste	eve Clements		Date Extracted: 09/12/07				
Pleasanton, C	A 94566	Client P.C).:			Date Analyzed 0	9/13/0)7		
			Lead by	d by ICP*						
Lab ID	Client ID		Analytical me Matrix	Extraction Type		Lead	ork Ord	DF	% SS	
0709257-001A	CS2SW-1	S	TOTAL		5.7		1	105		
0709257-002A	CS2SW-2		S	TOTAL		6.7		1	104	
0709257-003A	CS2SW-3	CS2SW-3 S				15		1	110	
0709257-004A	CS2SW-4		S	TOTAL	17			1	105	
0709257-005A	CS2B		S	TOTAL	12			1	105	

Reporting Limit for DF =1;		TOTAL^	NA	μg/L
above the reporting limit	S	TOTAL	5.0	mg/Kg

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

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL[^] metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.





"When Ouality Counts"

QC SUMMARY REPORT FOR 6010C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0709257 EPA Method 6010C Extraction SW3050B BatchID: 30569 Spiked Sample ID 0709257-005A Spiked MS MSD MS-MSD Spiked LCS LCSD LCS-LCSD Acceptance Criteria (%) Sample Analyte MS / MSD LCS/LCSD mg/Kg mg/Kg % Rec. % Rec. % RPD mg/Kg % Rec. % Rec. % RPD RPD RPD Lead 12 50 87.2 86.9 0.224 10 92.9 92.6 0.323 70 - 130 20 80 - 120 20 105 109 250 105 0 %SS: 250 106 3.26 105 70 - 130 20 70 - 130 20All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

BATCH 30569 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0709257-001A	09/12/0	7 09/12/07 0	09/13/07 9:42 AM	0709257-002A	09/12/07	7 09/12/07	09/13/07 9:44 AM
0709257-003A	09/12/0	7 09/12/07 0	09/13/07 9:47 AM	0709257-004A	09/12/07	7 09/12/07	09/13/07 9:50 AM
0709257-005A	09/12/0	7 09/12/07 0	09/13/07 9:34 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte

AK QA/QC Officer

APPENDIX C

KELLCO-MACS ASBESTOS AND LEAD-BASED PAINT SURVEY REPORT



A Creative Joint Venture For Better Environmental Solutions

DAIRY BUILDING 1600 FREISMAN RD. LIVERMORE, CA 94588





KELLCO JOB #0708-17

LIMITED PRE-DEMOLITION ASBESTOS AND LEAD INSPECTION REPORT

FOR

SCS ENGINEERS 6601 KOHL CENTER PARKWAY SUITE 140 PLEASANTON CA 94566

August 23, 2007

California: 3137 Diablo Avenue • Hayward, CA 94545-2701• (510) 786-9751 • fax (510) 786-9625 *Nevada*: 1000 Bible Way # 54 • Reno, NV 89502 • (775) 323-5288 • fax (775) 323-3385 <u>http://www.kellcomacs.com</u> email: mailbox3137@kellcomacs.com



A Creative Joint Venture For Better Environmental Solutions

LIMITED PRE-DEMOLITION ASBESTOS AND LEAD PAINT INSPECTION REPORT

DATE:	8/23/07
KELLCO-MACS JOB #:	0708-17
CLIENT:	SCS ENGINEERS 6601 KOHL CENTER PARKWAY SUITE 140 PLEASANTON CA 94566
LOCATION:	DAIRY BUILDING 1600 FREISMAN RD. LIVERMORE, CA 94588
DATE of INSPECTION:	8/13/07
INSPECTORS:	R. Casey, SST #99-2567 Tim C. Cannard, CAC 94-1395, DHS IMSD 764
DESCRIPTION OF THE INSPECTED AREA:	The building was collapsed. It was composed of wood walls with plaster and paint interiors. The floor was concrete.
	This is a limited inspection.

BACKGROUND

This is a LIMITED pre-demolition inspection of a partially destroyed dairy building.

SYNOPSIS

Asbestos was not found in the sampled materials

Lead paint was found in the tested paint.

The site included 55 gallon drums with unknown contents. There are also paint cans and open tubs of oil.

ABOUT THE INSPECTION

The inspection performed was both visual and tactile. Samples were taken of suspect materials located at the interior and exterior of the survey area.

The inspection was a reasonable attempt to find suspect materials that were hidden within walls, behind structures, in vertical shafts or in areas not normally accessible. If any non-sampled materials are uncovered, these should be submitted for asbestos and/or lead paint analysis.

• Asbestos Findings

Asbestos samples were analyzed in the KELLCO-MACS laboratory, by Polarized Light Microscopy, the EPA's recommended method. Copies of the full laboratory reports are attached. These valuable reports can be utilized as future reference to determine if a particular material was tested.

Photographs of sampled materials are included. Sample locations are noted on the attached not-to-scale drawing.

The determination of a material to be Asbestos Containing Material (ACM) was made either by direct sampling or by homogeneity with at least one positive sample of the same material.

Materials that tested positive for asbestos are: NONE

LAB LOGIN #	FIELD SAMPLE #	LOCATION	MATERIAL NO ASBESTOS DETECTED
L167147-01	0708-17-1	Dairy, roofing	Grey roofing material
L167147-02	0708-17-2	Dairy, wall paint	White paint
L167147-03	0708-17-3	Dairy, roofing shingles	Red roofing shingle

Tested materials that were **none detected** for asbestos are:

• Paint Findings

Lead samples were analyzed by Atomic Absorption in the KELLCO-MACS laboratory. OSHA requires protection of workers from exposure to any lead. Paint should be considered as containing lead if it is the same color as any positive tested material, unless it has specifically been tested and shown to be **none detected** for lead. The following materials tested **positive** for lead:

LAB LOGIN #	FIELD SAMPLE	LOCATION	MATERIAL	LEAD PPM	LEAD WT%
P167149-1	L1	Dairy Building	Composite	229	0.02

Paint of the same color as the above samples should be considered positive unless proven otherwise by direct sampling with results of "None Detected."

• Other Hazardous Materials

The site included 55 gallon drums with unknown contents. There are also paint cans and open tubs of oil.

REGULATORY REQUIREMENTS

The Environmental Protection Agency (EPA) defines Asbestos Containing Material as any material that contains greater than 1% asbestos. Materials containing greater than 1% asbestos must be removed prior to demolition or renovation.

Friable asbestos containing material is any material that can be crushed or pulverized by hand pressure when dry, or materials that can be rendered to a crumbled, pulverized, or powdered state when dry by crushing, sanding, sawing, shot blasting, or through demolition or renovation activities.

As stated by NESHAP regulations, any material that contains less than 10% asbestos using the visual estimation method can be point counted with gravimetric reduction. The Point Counting method is a much more accurate analytical method for determining the percent of asbestos in a particular material. If the Point Count method determines that the material contains less than 1% asbestos, the material being analyzed can be disposed of as a non-hazardous asbestos containing construction waste.

Removal or disturbance of material with any detectable amount of asbestos must be handled in accordance with OSHA regulations. Cal-OSHA registration is required if the material contains more than .1% asbestos (1/10th of a percent). If there is more than 100 feet (linear or square) of an asbestos containing material that will be abated or disturbed, a California State registered and licensed asbestos abatement contractor must perform the work. If there is less than 100 feet, the work does not require a licensed asbestos abatement contractor, but must still conform to Cal-OSHA regulations.

Removal or disturbance of any amount of lead paint requires adherence to the Cal-OSHA and DHS regulations, including proper training and certification for workers and supervisors

The OSHA lead (1532) regulations require that a Negative Initial Determination for lead exposure be made with paint that contains greater than 0.06% (600 ppm) of lead. Paint with less than 0.06% lead should still be treated within the OSHA guidelines, but with reasonable work practices should not generate OSHA action levels of lead exposure.

Building components with intact lead paint and no other hazardous materials can be disposed of as nonhazardous construction waste. Paint chips and debris must be disposed of as lead containing hazardous waste.

COMMENT REGARDING ALL LEAD CONTAINING MATERIALS:

Lead is a known health hazard. Lead containing materials in good condition do not necessarily need to be removed if they are not disturbed; they should however be respected.

Painted surfaces that contain lead should be made known to contractors who may disturb them during their work. OSHA guidelines for workers in contact with lead paint apply if ANY detectable lead is found.

Anyone coming in contact with leaded paint should be advised not to disturb it without taking precautionary measures appropriate to avoid lead contamination or lead exposure.

ANALYTICAL PROCEDURES

• POLARIZED LIGHT MICROSCOPY (PLM)

Bulk samples were analyzed in accordance with U.S. EPA "Test Method for Determination of Asbestos in Bulk Building Materials, 1993," with inclusion of area percent estimates of the sample components. The use of the McCrone Color Dispersion Staining Technique supplements the analysis when considered useful by the analyst. The samples are prepared with refractive immersion oil and are examined under Polarized Light Microscopy (PLM). The accuracy of the visual estimate method is 1%.

As per the standard "...The accuracy in the determination of the presence or absence of asbestos of greater than 1 area percent asbestos is greater than 99%." ASTM Committee D22.05, 1/18/88, Standard *Method of Testing for Asbestos Containing Materials by Polarized Light Microscopy*. If the sample matrix is reduced to minimize non-asbestos components, the detection limit can be mathematically enhanced, based on the amount of material remaining after matrix reduction. This method is called gravimetric reduction. This method involves ashing and chemical dissolution of the sample.

• POINT COUNTING

The Point Counting method is a much more accurate analytical method for determining the percent of asbestos in a particular material. KELLCO-MACS uses a muffle furnace to ash the sample and remove organic compounds. Hydrochloric acid is used to dissolve some of the non-asbestos minerals. Under this method a minimum of 125 points are counted from each of 8 different slide preparations of the same sample (total of 1000 points min.) If the **Point Count Method** determines that the material contains less than 1% asbestos, the material being analyzed can be treated as non-hazardous asbestos containing construction waste. **Note: ONLY the Point Count Method can be used for this determination.**

• ATOMIC ABSORPTION FOR LEAD

Paint samples were collected for atomic absorption (AA) analysis. The detection limit for each sample depends upon many factors including the sensitivity of the instrument and the sample size. In the KELLCO-MACS laboratory utilizing flame AA, the detection limit is normally .01% or 100 parts per million (ppm).

KELLCO-MACS QUALIFICATIONS

KELLCO-MACS is a creative joint venture offering hazardous materials and AIHA laboratory analyses. Our credentials include:

- The KELLCO-MACS asbestos inspector is licensed with the State of California Department of Occupational Safety and Health (CAL-OSHA).
- The KELLCO-MACS lead inspector is licensed by the Department of Health Services (DHS).
- The laboratory accreditations include:
 - NVLAP PLM for Asbestos: NIST National Voluntary Laboratory Accreditation Program certificate of accreditation for bulk asbestos analysis by polarized light microscopy (Accreditation #101948-1).
 - **AIHA** Accreditation for **Industrial Hygiene** Analytical Laboratory for PCM, and AA for lead (Accreditation #101786).
 - AIHA Analyst Proficiency (NIOSH PAT) (Accreditation # 11172)
 - AIHA ELLAP Accreditation for Lead: Accreditation for the Environmental Lead Laboratory recognized by the EPA as meeting the requirements of the National Lead Laboratory Accreditation Program established under Title X (Lab ID #11109).
 - ELAP PLM for Asbestos: California Department of Health Services, Environmental Laboratory Accreditation Program, certificate for bulk asbestos analysis (Certificate #2027)
 - USDA Soil permit #39484

The following supporting documents are attached to this report:

- Laboratory analytical reports
- Photographs of sample locations
- Floor plan or sketch showing sample locations

Please call KELLCO if there are any questions and/or clarifications regarding this report. We look forward to working with you in the future.

Sincerely,

KELLCO-MACS

Tim C. Cannard CAC #94-1395, DHS Lead #764 Senior Project Manager

MACS Lab, Inc.

3137 Diablo Ave Hayward, CA 94545-2701

510-786-9751

				PLM				
Kellco Se	ervices iblo Ave			Person to co	ontact:	Cory Suppe	es	
				Contact pho	one:	510-786-97	751 325	
Hayward		CA 945	45	Sampled by	:	Richard Cas	sey	
				Sampled on	:	August 13	, 2007	
ŀ	Analyst:	(signature)	<u>eff</u>	Analyzed or Correspondin	1: g invoice	August 15 e number:	, 2007 167147	at: 08:51
Laboratory	manager:	(signature)	L	Job Number		0708-17		
Job Descripti	_{ion:} 1600 Freisman F	Rd. Livermo	ore, Ca 94588					
Lab Sample Number	Client Sample Number and Description	Asbestos detected?	Fibers preser	nt F	Remark	(S		
L167147-1	0708-17-1	N.D	< 1% Cellulos	e G	ray roof	ing material.	Balance c	of sample is
Dairy - Roofing	g - Grey			u	nspecifi	ed non-fibro	us materia	al.
L167147-2	0708-17-2	N.D	< 1% Cellulos	e w	/hite pai	nt. Balance	of sample	is
Dairy - Wall Pa	aint - White			u	nspecifi	ed non-fibro	us materia	al.
L167147-3	0708-17-3	N.D	35% Syntheti	C R	ed roofi	ng shingle. E	Balance of	sample is

Dairy - Roofing - Shingles

* Chrysotile, Amosite, Crocidolite, Tremolite, Actinolite, and Anthophyllite are asbestos fibers. N.D.=None Detected PC =Point Counted



This report may not be reproduced except in full and with the permission of MACS Lab, Inc. This report relates only to the items tested. Samples will be destroyed after one month. Test per 40 Code of Federal Reg. Chap I (1-1-87) Part 763, Subpart F, Appendix A or current EPA method. Percentages are approximate. MACS Lab is an accredited laboratory of the National Voluntary Laboratory Accreditation Program (NVLAP) and is laboratory number 101948. No producet endorsement by NVLAP or any agency of the U.S. Government may be claimed as a result of this analysis. Calif Dept of Health ELAP #2027. This method is not reliable for analysis of tile or other materials when fiber size is less than 10µ. TEM analysis should be used. Method Detection limit for asbestos is 1% per CA law. See QC page attached to this page for blank and retest data .

Bulk Asbestos Analysis

Report

Person to contact.	Corv Suppes	
contact phone:	510-786-9751	
AX phone:	510-786-9625	
Sampled by:	Richard Casey	
Sampled on:	August 13, 2007	
Analyzed on:	August 15, 2007	at:08:51
Corresponding invoice	e number: 167147	

organic binders and unspecified

non-fibrous material.

MACS Lab, Inc.	
3137 Diablo Ave	
Hayward, CA 94545-2701	

510-786-9751

Analysis Report Lead in Paint **USEPA 7000/7420**

			Person te	o contact	: Cory Sup	pes	
Kellco Serv	rices		Contact	phone:	510-786-	9751	
3137 Diabl	lo Ave		FAX pho	one:	510-786-	9625	
			Samples	received	on: August	14, 2007	
Hayward	CA 94545		Samples	analyzed	l on: August	15, 2007	at:15:19
			Report p	rinted on	: August	15, 2007	at: 15:19
	Duy Nguyen		Corres	sponding ir	ivoice numbe	er: 167149	
An	alyst: DN (signature)		Bi	as: 3.	2%	Precision:	-1.4%
	Cory Suppes						
Laboratory ma	anager:(signature)		Job Nu	mber:	0708-1	7	
Job Description	n: 1600 Freisman Rd. Livermore, Ca	a 94588					
Lab Sample	Client Sample Number	Calib	Rcvd Ac-	Report'g		Lead	
Number	and Description	#	OK cptd	Limit ppm	%	ppm	mg/cm ²
P167149-1	L1	11540		98.4	0.0229	229	N/A
	Dairy Build / Comp						_



Page 1 of 3

This report may not be reproduced except in full and with the permission of MACS Lab, Inc. This report relates only to the item(s) tested. For QC data refer to Calibration Number QA Report. MACS Lab is accredited by the American Industrial Hygiene Association (AIHA) for the analysis of lead in paint and soil (laboratory ID #11172). Some paint samples submitted contain substrate material that can't be removed from the paint layer. This may cause erroneous results. Proper field sampling techniques must be used. Analysis is performed on a flame Atomic Absorption Spectrometer. PPM= parts per million & 10,000 ppm = 1% Note: 1 mg/kg = 1 ppm NOTICE: FOR XRF Confirmation: When the actual sampled area is provided to the laboratory, the results can be calculated in mg/cm2 exactly like an XRF instrument result. Otherwise NO XRF comparison can ever be made because the lab analyzes only a portion of a normal sample and the area of a scrape can't be known after the fact. Without the area N/A is reported. Results are not blank corrected.

MACS Lab, Inc.

3137 Diablo Ave Hayward, CA 94545-2701

	Calibration # AA-11540						
Element Lead	Ma	trix: Paint	Met	hod Detectior	۱ Lir	nit 0.2	5 μg/ml
Date of Analysis August 15.	2007	Anal	vst DN				
		Moneurod V	alua T		۸	ocontor	oo Critorion
Standard value		n = 0.000	aiue i 10 unite			ccepiai	
Standard value	, 0.0 μg/l	ni 0.0000	20 unite				
Standard value	$r = 0.0 \ \mu g/r$	nl 0.0132	20 units RA unite	N/A			
Standard value	$5 2.0 \mu g/r$	ni 0.0320	80 unite				
Standard value	$5 3.0 \mu \text{g/r}$	ni 0.0780	40 unite				
Standard Value	; 10.0 µy/1 Slor	63.747	+0 units 7 <i>ua/</i> ml/uni	it N/A			
	Interce	-0.037	1 μg/mi/um 020 μα/ml				
Correlati		pt -0.007	320 µg/mi	1	-	പ രാളവ	Accentable
	nl Referenc	nt 0.999.	ua/ml	0.25	2 >(0.33000	Acceptable
Glasswa	ra rinsa wata	~ 0.200	µg/ml	0.23	20		Acceptable
1e1	Matrix Rlan	k < 0.250	µg/ml	0	_	0.25	Accentable
Method Blar	nk Reginnin	a -0.302	μg/im	0	~	12 5	Acceptable
	W Beginnin	g 0.002 a 1.011	µg µa/ml	5 0000	-	10.0%	Acceptable
	V Beginnin	g 4.941 g 0.651	µg/ml	0.6000	- -	10.0%	Acceptable
	ore sample	9 0.001 1 0.010	µg/ml	10 0200		10.0%	Acceptable
CCV Befo	ro comple 1	1 / 9.919	µg/ml	5 0000	- -	10.0%	Acceptable
CCB Befo	re sample 1	1 ~ 0.250	µg/ml	0	-	0.25	Acceptable
Method Blank Befor	re sample 1	1 0.250	μg/im	0	~	12 5	Acceptable
CCV Befo	ro sample 7	1 0.004 1 N/A	µg µa/ml	5 0000	-	10.0%	Acceptable
CCB Befo	re sample 2	1 N/A	µg/ml	0	- -	0.25	
2nd	Matrix Blan	k N/A	µg/ml	0	~	0.25	
Method Blank Befor	re samnle 2	1 N/A	μg/illi	0	~	12 5	
CCV Befo	re sample 2	1 N/A	µ9 µa/ml	5 0000	-	10.0%	
CCB Befo	re sample 3	1 N/A	µg/ml	0	- <	0.25	
Method Blank Befor	re sample 3	1 N/A	µ9,	0	<	12.5	
	CCV Afte	er 4.896	ua/ml	5 0000	+	10.0%	Acceptable
	CCB Afte	< 0.250	µg/ml	0	<	0.25	Acceptable
Metho	d Blank Afte	er -1 259	µ9,	0	<	12.5	Acceptable
	I CS Afte	er 9.805	µa/ml	10 0299	+	10.0%	Acceptable
	BI V	S 0.268	µg/ml	0 2500	+	25.0%	Acceptable
Spike of complete 167122	1	472.0	г. 5	500.0	-	25.0%	Accontable
Spike of sample	- 1	473.2 N/A	μg	500.0	- -	25.0%	Acceptable
Spiked Duplicate 167123	- U	N/A 0 1 0 1	49 110	500.0	⊥ +	25.0%	Accontable
Spiked Duplicate	- 1	491.U N/A	49 110	0.0	- +	25.0%	ποτεριασίε
Dunlicate of sample 167123	- U 1	N/A 110 ~	r9 nnm	0.0 - 112	- +	25.0%	Accontable
Duplicate of sample 0	- 0	≤ 112 N/A	nnm	2110	- +	25.0%	Acceptable
Duplicate of sample 0	- 0	N/A	ppm		±	25.0%	

Note:

MDL= Minimum Detection Limit of the method (absolute)

ICV= Initial Calibration Verification

CCB= Continuing Calibration Blank

N/A = Not Applicable

LCS= Laboratory Control Sample - NIST SRM-1579

RLVS=Reporting Limit Verification Sample

Page 2 of 3

Duplicate analyses are measurements of the variable of interest (in this case lead) performed identically on two subsamples of the same sample. The results from duplicate analyses are used to evaluate analytical or measurement precision but not the precision of sampling. Spiked CCV= Continuing Calibration Verification samples are prepared by adding a known mass of the target analyte (in this case lead) to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. Spiked samples are used to determine the effect of the matrix on a method's recovery efficiency. The Method Blank is used to detect contamination from the laboratory. Accuracy is the degree of agreement between an observed value and an accepted reference value such as the LCS NIST SRM-1579 sample. Precision is the degree to which a set of observations or measurements of the same property conform to themselves. NEVER depend upon the laboratory to "fix-up" a poorly taken sample.

MACS Lab, Inc. 3137 Diablo Ave Hayward, CA 94545-2701 510-786-9751	AA Analysis Data Report NOTICE: Instrument reading is in absorbance units For solids (paint and soil): Weight is in grams Paint area (if present) is in sq cm For air: LPM= Liters per minute supplied by client Minutes = duration of sample
Client:	m^3 (on report) means cubic meter
Kellco Services	For wipe: Area = Wipe area supplied by client in sq ft
Submission ID Number: 167149	ft ² (on report) means square foot
Samples received on: August 14, 2007 Samples analyzed on: August 15, 2007	Lead laboratory manager or designee:

Sample #	Weight, LPM, or area	Solution vol ml	Instr. reading	Paint area or minutes
1	0.1270	50	0.00970	0

This report shows the data associated with the individual samples. This includes the MACS Lab, Inc. sample number, the sample weight digested, LPM, area wiped, dilution (solution volume), instrument reading in absorbance, paint area, time in minutes. By using the data on this page, and the slope and intercept found on the calibration curve page of this report one can calculate the concentration of analyte in the original sample. Be sure to use the calibration curve data for the sample tested (see sample results page for Calib. Number). In the case of paint and soil matrices multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution and then divide by the weight. The result will be expressed in PPM. In the case of dust samples multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution 1 sq ft. For air samples multiply the slope times the absorbance and add the intercept. Multiply this number of μ g of lead on the filter. Divide this number by the liters of air used and compute the concentration in cubic meters. A cubic meter contains 1000 liters. Note: in all cases if the concentration calculated by multiplying the slope times the absorbance and adding the intercept is below the MDL (method detection limit) value for that matrix substitute the MDL for the value calculated. This will be the Reporting Limit in PPM. (note: the MDL is shown only to 2 significant figures on this report which will result is slight differences between our and your calculations for this number).

The slope and intercept can be calculated using the absorbance and concentration (see the Quality Control Report) of the standards used in the analysis. This can be done by using linear regression analysis.

APPENDIX D

BAAQMD REGULATION 11, RULE 2 NOTIFICATION AND APPROVAL

BAY AREA AIRQUALITY MANAGEMENT DISTRICT

COMPLIANCE & ENFORCEMENT DIVISION

Regulation 11, Rule 2

Acknowledgement of Notification and Payment of Fees

8/27/2007

SCS Engineers 6601 Koll Center Pkwy, Ste #140 Pleasanton, CA 94566

Job No: 2V454 Invoice No: 1TT18

The Bay Area Air Quality Management District (BAAQMD) acknowledges receipt of your payment and your Asbestos Removal or Demolition Plan described as: **Demolition**

Site address

1600 Friesman Rd Livermore, CA 94550

Start Date Completion Date

September 7, 2007 September 12, 2007

Removal amounts of friable ACM <u>0</u> linear feet <u>0</u> square feet <u>0</u> cubic feet

Should it become necessary to revise this plan, please do so in the spaces provided below and immediately copy the District by fax or by mail.

REGULATION 11-2 REVISION		BAAQMD J# 2V454	
REVISION #	START DATE	COMPLETION DATE	
1	//	<u> </u>	
2	//	//	
3	//	//	
4	//		
5	/ /	· / /	

NOTE: This form is not intended as a verification of either the completeness of your original notification or of its compliance with BAAQMD Regulation 11-2. If you have any questions about this acknowledgment, please call our office at (415) 749-4762.

RECEIVED AUG 2 8 2007 SCS ENGINEERS

FAX COVER

DATE: NAME: COMPANY NAME: FAX NUMBER: PHONE NUMBER:

August 24, 2007 Demolition Notification BAAQMD Compliance & Enforcement Div. (415) 749-4658 (415) 749-4762

SCS ENGINEERS

Environmental Consultants

TO:

50 Sand Creek Road, Suite 306 Brentwood, California 94513 Phone (925) 240-5152 FAX (925) 240-5629

FROM: JOB/OVERHEAD NUMBER: NUMBER OF PAGES: Steve Clements 01203087.03 4

COMMENTS:

Attached is the completed *Demolition Notification Form* for our client's project at 1600 Freisman Road in Livermore. Please note that this is a very small building (approximately 180 square feet) and that asbestos was not identified during the survey.

Please call me at (925) 240-5152 x24 if require a copy of the Asbestos Survey report or if you have any questions.

Thank you,

Steve Clements, PG, REA Project Manager SCS Engineers



DEMOLITION

Notification Form

REGULATION 11, Rule 2

	For Office Use Only			
Site of Demolition	J# #			
err. A.L. 1600 Freisman Road	Charro Bood			
Owner/Operator Children's Hospital	28-3110			
Specific Location of Project within Building/Addressey Old Restroom Building East of Ma	in Dairy Building			
Specific Location of Project within Building/Address: Old Residon Building East of Ma				
Check One: Single Family Dwelling Commercial Multifamily Dwelling	Govt Bldg School			
Contractor/Individual Performing Demolition				
Name: Company/Individual SCS Engineers Contact: Ste	ve Clements, PG, REA			
Mailing Address: 6601 Koll Center Parkway, Suite 140				
City: Pleasanton, CA Zip: 94566 Phone: (925) 240-5152 x24			
Have you previously submitted notifications for other sites?				
	0			
Description of Demolition				
Is this Demolition by Fire for Fire Training purposes?				
Is this Demolition ordered by a Government Agency?				
If not Demolition for Fire Training, check applicable method:				
Leavy Equipment L Implosion By Hand C Other				
Dates of Demolition: (Actual dates must be entered. "ASAP" or "SOON" will be rejected				
	INIGHT WORK (After 5 PM)?			
Asbestos Survey Report				
Name of company that conducted survey: Kellco-Macs				
Address: 3137 Diablo Avenue				
City: Hayward, CA Zip: <u>94545-2701</u> Phone: (510) 786-9751			
Name of person who completed the survey: R. Casey CAC/SS	r #: SST#99-2567			
Is /was asbestos present? Yes No				
If yes, who will remove/has removed prior to demo?				
Form Preparation Information				
This form prepared by: Steve Clements, PG, REA Title: Project Mana	ger			
Name: Company/Individual SCS Engineers Phone: (925	5) <u>240-5152 x24</u>			
Address: 6601 Koll Center Parkway, Suite 140 City: Pleasanton State: C/	A Zip: 94566			

See Page Two to Complete This Form

Press have to clear form

Required Information

Payment must be received before J# will be assigned. See Schedule L of Regulation 3 for appropriate fees.

Payment type: Check Cashier's Check Money Order Credit Card (Visa, MasterCard Only) (payments, other than credit card payment, must be mailed or delivered to: 939 Ellis St., San Francisco, CA 94109)

I certify that the above information is correct and that I will comply with all of the requirements of the BAAQMD's regulations, as well as all other applicable federal, state and local requirements.

Signature of Contractor or Person Performing Demolition:

Form:Demo-04:3/21/2005

GENERAL INFORMATION

- This notification form shall be used to notify the BAAQMD of a demolition operation only. Notification is required for every demolition. All boxes must be completed. Appropriate fee payment must accompany each notification. Notifications may be faxed to (415) 749-4658, but job numbers will not be issued unless accompanied by a valid credit card authorization or until a valid check, cashier's check or money order for applicable fees is received.
- Notification shall be provided to the District at least 10 working days prior to commencement of demolition, or as early as possible prior to commencement of emergency demolition. <u>The notification period will not</u> <u>start until a complete notification is submitted (see above)</u>.
- An Acknowledgement Letter is mailed to the contractor/person listed within 3 days of receipt of a complete notification. This should be checked for accuracy of data.
- If the job is postponed or cancelled, the District <u>must</u> be notified of a revision; the Acknowledgement Letter should be used to fax or mail the revision information. When cancelled, a cancellation fee will apply.
- For specifically-defined "Emergency" conditions, the 10 working day period will be waived. Notification must be made by fax, and the job number will be issued if accompanied with a faxed copy of a valid check, cashier's check or money order.
- For 4 or fewer unit residences, the 10 working day period may be reduced to 72 hours for an additional fee.

INSTRUCTIONS

- SPECIFIC LOCATION OF PROJECT: Identify where the demolition is taking place if the site contains more than one building.
- START AND COMPLETION DATES: The start date is the date on which demolition of the facility or structure commences. Any revision to the start or completion dates must be submitted prior to the previously notified date(s). Under no circumstances may the revised start date be earlier than the 10th working day following the postmark or fax date of the original notification. If the start date is unknown, enter an estimated start date and revise the notification when the actual start date is known, but not later than the estimated start date.
- FIRE TRAINING: Reg. 11-2-206 includes "intentional burning" in the definition of demolition. Notification is required, the 10 working day requirement must be met and all Asbestos-Containing Material (ACM) >1% must be removed prior to fire training. The District's Open Burning Notification form must also be filed and the applicable requirements of Regulation 5 must be met.
- SURVEY REPORT: Provide information showing that prior to commencement of the demolition, a survey
 was performed to determine the presence of Regulated ACM (RACM). Indicate if there was/was not
 suspected ACM.
- GOVERNMENT ORDERED DEMOLITION: If an "Emergency" demolition (see above) is the result of a state or local agency declaring the building a public nuisance or structurally unsound and in danger of imminent collapse, a copy of the written order must accompany this notification.

APPENDIX E

CITY OF LIVERMORE DEMOLITION PERMIT

CITY OF LIVERMORE

Phone #: 925-336-0076

Community Development Department 1052 S. Livermore Avenue Livermore, CA 94550 Information: (925) 960-4410 Inspections: (925) 960-4430 **Owner: Children's Hospital**

Building Permit No. DEM07029 Issue Date: 09/05/2007 Valuation: \$1.000.00 Site Address: 1600 Friesman Road **** Parcel Number: 904 000100110

Owner Phone #: 510-428-3119 Contractor: STEARNS CONRAD AND SCHMIDT CONSULTING ENGINEERS INC Contractor

DESCRIPTION OF WORK: Demo 180 sq ft building no water, or electrical, septic serves other buildings not to be removed at this time. (Friesman Dairy) IMPORTANT

Application is hereby made to the City of Livermore for a permit subject to the conditions and restrictions set forth on the front face of this application. Each person upon whose behalf this application is made and each person at whose request and for whose benefit work is performed under or pursuant to any permit issued as a result of this application agrees to, and shall, indemnify and hold harmless the City of Livermore, its officers, agents and employees from any liability arising out of the issuance of any permit resulting from this application.

Licensed Contractor's Declaration:

I hereby affirm that I am licensed under provisions of Chapter 9, commencing with Section 7000 of Division 3 of the Business and Professions Code, and my license is in full force and effect. License Class: A HAZ License Number: 749678

Expiration Date: 05/31/2008 Contractor's Signature:

Owner-Builder Declaration:

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code : Any city which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is a licensed contractor pursuant to the provisions of the Contractors License Law (Chapter 9 [commencing with Section 7000] of Division 3 of the B & P Code) or that he or she is exempt therefrom and the basis for the alleged exception. Any violations of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

I, as the owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. Code: The Contractor's License Law does not apply to an owner of property of contracts for such projects with a contractor(s) licensed pursuant

to the Contractor's License Law).

I am exempt under Sec. 7044 B & P Code for this reason: Property Owner Issued Date: Owner Signature:

Worker's Compensation Declaration: I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation. as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

Hnave and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier: ZURICH AMERICAN INSURANCE COMP Policy Number: WC543484103

I certify that in the performance of the work for which this permit is issued , I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions. **Issued Date:**

Applicant:

I certifive that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes 107 Signature of Owner or Contractor: Issued Date:

PLEASE NOTE: THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS. Pursuant to Section 17951(d) of the California Health & Safety Code, you may be entitled to reimbursement of fees for inspections not performed within 60 days of notification of completed work.



# of Commercial Interior Demo		\$0.00
# of SFD to be demolished	0	·
FEE		\$0.00
# of MFR or Comm		
to be demolished	1	
FEE		\$413.00
Special Inspections:		\$0.00
Off Hour Inspection:		\$0.00
Reinspection Fee:		\$0.00
Other Inspections:		\$0.00
Other Plan Review:		\$0.00
Constr & Demo Fee:		\$0.00
Constr & Demo Bond Fee:		\$0.00

Total Demo Permit Fees:

\$413.00

Application to Demolish Buildings

A permit is required to demolish any buildings on residential, commercial or industrial property located within the City of Livermore. Please read the information below, prepare the requested drawings and complete this application prior to applying for this permit.

LIVER

Submit two (2) copies of a site plan drawn to scale showing all the buildings and structures on the property. Indicate which building(s) are to be demolished and the height and square footage of each building. If applicable, indicate the location(s) of any septic tanks, leach fields and/or wells. Indicate how these systems will be abandoned and/or removed. Show the distance to pedestrian ways (sidewalk). If applicable, show the type and location of pedestrian protection as required by Section 3303 of the current California Building Code. Prior to commencing work, a site inspection will need to be scheduled with the City of Livermore Building Division to verify compliance of proposed pedestrian protections (See attached City of Livermore Informational Bulletin No.49 for additional information).

If the building(s) being demolished are 50 years old or more, *prior to issuance of the demo permit*, a photograph of each side of the building will need to be submitted to the Planning Division for the Heritage Preservation Committee to review. For questions regarding the Heritage Preservation Committee review process, contact the Planning Division at (925) 960-4450.

Please complete the following information:

Application Date: 9/5/07Permit Number (office use):	Z				
Applicants Name: <u>565 Engineers (Attn: Steve Cknutz</u>)Phone Number: (925) 240-5752 x24	Y				
Address of Building(s) to be Demolished: 1600 Freisman Road.					
Property Owner Name: Childrens to spital Phone Number: (510) 428-3119	BER				
6(5E) = (14.0) = (15) = (17.122) = (17.122)					
Contractor Name: <u>JC> Ensincer of ATTA: Dire Gais</u> Phone Number: (125) 336 -00 16 Contractor Address: 6601 Kill Center Parking Suite 140 Pleasanton CA 94566					
Contractor License Type (A, B or C-21) and Number: A 749678					
Demolition *Valuation (Total cost of the building(s) being removed) \$					
*Demolition projects of \$40,000 or more require submittal of a Waste Management Plan (WMP) in accordance with the City of Livermore Municipal Code, Title 15 Chapter 15.70.					
Applications & Forms AF-3 (Updated 1/9/06)	ù				
SEP 0 5 2007					
City HallCommunity Development Departmentphone:(925) 960-4410www.ci.livermore.ca.usPermit Center1052 South Livermore Avenuefax:(925) 960-4419Fax:Fax:Fax:					
Livermore, CA 94550 TDD: (925) 260.4104DEBBIE ELAIN					

130 417 Square Footage of Building(s) Being Removed: Square Footage of Impervious Surface Being Removed (ie. Driveway, parking lot, walkways etc.): 180, ft2 Vacunt Commercial / Industrial buildings - Indicate the "use" of the Demolished Building(s) Rest Rouse Black Method of Demolition & Removal (describe in detail): <u>Remove</u> W/Excavator. Detris to be hasted to a landfil Prior to the Issuance of the Demolition Permit - Utility companies need to be notified & signatures obtained for the utilities indicated below to verify that services have been disconnected and terminated in an approved manor and that permission is granted to the Building Division of the Community Development Department to issue a demolition permit. Additionally, evidence of notification of demolition to Bay Area Air Quality Management District (BAAQMD) per Regulation 11, Rule 2 will be required. P.G. & E. (800-PGE-5000) (print name) (signature) Water Resources (925-960-8100) *Water Service: (print name) (signature) Meter Size(s): Serial Number(s): Sewer Services onsite (print name) (signature) *California Water Service (925-447-4900): (print name) (signature) Meter Size(s): Serial Number(s): *Water service is provided either by the City of Livermore or California Water Service Co. Only the signature of actual water service provider is needed. Bay Area Air Quality Management District (415-749-5000): Please indicate project "Job Number": _____ 2V454 REVIEWED BUILDING DIVISION All of the above work is to be performed in accordance with Title 15 & 16 of the City Municipal Code & Bay Area Air Quality Management District. SEP 0 5 2007 Signature of Applicant) (Building Official – Approval)

BAY AREA AIRQUALITY MANAGEMENT DISTRICT

COMPLIANCE & ENFORCEMENT DIVISION

Regulation 11, Rule 2

Acknowledgement of Notification and Payment of Fees

8/27/2007

SCS Engineers 6601 Koll Center Pkwy, Ste #140 Pleasanton, CA 94566

Job No: 2V454 Invoice No: 1TT18

The Bay Area Air Quality Management District (BAAQMD) acknowledges receipt of your payment and your Asbestos Removal or Demolition Plan described as: Demolition

Site address

1600 Friesman Rd Livermore, CA 94550

Start Date **Completion Date**

September 7, 2007 September 12, 2007

Removal amounts of friable ACM <u>0</u> linear feet <u>0</u> square feet <u>0</u> cubic feet

Should it become necessary to revise this plan, please do so in the spaces provided below and immediately copy the District by fax or by mail.

REGULATION 11-2 REVIS	SION	BAAQMD J# 2V454	
REVISION #	START DATE	COMPLETION DATE	
1	/	//	
2	//	/	
3	/	/	
4	//	//	
5	//	/	

NOTE: This form is not intended as a verification of either the completeness of your of its compliance with DALOLON D or of its compliance with BAAQMD Regulation 11-2. If you have any questions about this Division acknowledgment please call our office at (415) 740 4762 acknowledgment, please call our office at (415) 749-4762.

SEP 0 5 2007

DEBBIE ELAM

RECEIVED AUG 2 8 2007 SCS ENGINEERS











BY: DEBBIE ELAM




APPENDIX F

SOIL DISPOSAL MANIFESTS

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UNIFORM HAZARDOU	signed for use on enre (1z-hitch) (yper	kňter.)			For	Approved OMB No 2050-0030
WASTE MANIFEST	S 1. Generator ID Number	2. Page 1 o	7 3. Emergency Response Phone	4. Manifest	Tracking N	2206 .I.IK
5. Generator's Name and M Child PCN3 E 221 Brond W Gallend, CA Generator's Phone: 57(1)	Address For Strutum Ram Ste 604 (DE) Crossing 94 60 9 (Pleasanding C -428-3119 (19-10-10-10-10-10-10-10-10-10-10-10-10-10-		Generator's Sile Address (if differe	ent than mailing addre	33}	
6. Transporter 1 Company I	lame <u>NBESTC</u> lame		· · · · · ·	U.S. EPAID	Vumbar VVI E Vumber	72513632
8. Designated Facility Name	iand Sile Address Musika Mattheyset (nem) Solyhane Report (musika 23) अन्द्रित्त न्या (स)स्कृत	, <u>=</u> .	· · · · ·	U.S. EPAID N 24 ± (12)/16	Number Sakoti∓	2
9a. 9b. U.S. DOT Descr HM and Packing Group	iption (including Proper Shipping Name, Haz (If any))	rard Glass, ID Nomber,	10. Containers No, Typ	a Quantity	12. Unit Wt./Vol.	13. Waste Codes
1. 	eff i ten i pylitene fottin of the constant	9-10	00207	009	Y	n:
- 3.				-		
14. Special Handling Harric	ions and Abdidonal Information					
 CENERATOR'S/OFFE marked and labeled/pla Exporter, I certify that if I certify that the waster Generatory (Offeror's Printed 	ROR'S CERTIFICATION: (hereby doctare to carded, and are in all respects in proper con e contents of this consignment conform to the imminization statement identified in 40 CER 2 Thread Name	that the contents of this consignment idlition fot transport according to appli he terms of the attached EPA Acknow 262.27(a) (if 1 am a large quantity gar	are fully and accurately described at cable international and national govo r/edgment of Consent. rerator) or (b) (If I am a small quantity	r generator) is true,	pping name If export sh	and are classified, packaged, pment and I am the Primary
MANE	MAMNVP, Ch	-Foundart	Work Mas	m		Month Day Year
16. International Shipmanta Transportar signature (for ex 17. Transporter Acknowledge	MAMMVP, CM	Export from 1	J.S. Port of entrylexit: Date leaving U.S.:	m		Month Day Year 5 10 02.
JANE JG. International Shipmanta Transporter Signature (for ex 17. Transporter Acknowledger ransporter 1. BHnted(Typed) 	MAMMVP, Ch Import to U.S. ports only): ant of Receipt of Materials lame Jame	Id having Hospitalis Foundation	AUAAUAAUAAUAAUAAUAAUAAUAAUAAUAAUAAUAAUA	<i>nn</i>		Month Day Year S 10 07. Month Day Year S 11 07. Month Day Year Month Day Year
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