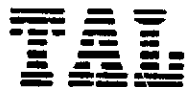


**Trace Analysis Laboratory, Inc.**

3423 Investment Boulevard, #8 • Hayward, California 94545

Telephone (510) 783-6960  
Facsimile (510) 783-1512



LOG NUMBER: 1677  
DATE SAMPLED: 01/16/92  
DATE RECEIVED: 01/16/92  
DATE EXTRACTED: 01/31/92  
DATE ANALYZED: 02/06/92  
DATE REPORTED: 02/06/92

CUSTOMER: Concrete Wall Sawing Company

REQUESTER: Chuck Jellison

PROJECT: Wash Rack Sump

Sample Type: Sludge

Method and Constituent:	Units	1		Method Blank	
		Concen- tration	Reporting Limit	Concen- tration	Reporting Limit
Standard Method 5520F Hydrocarbons:					
Oil and Grease	ug/kg	5,000,000	50,000	ND	50,000

QC Summary:

% Recovery: 44  
% RPD: 11

Concentrations reported as ND were not detected at or above the reporting limit.

92 FEB 18 01 13

LOG NUMBER: 1677  
 DATE SAMPLED: 01/16/92  
 DATE RECEIVED: 01/16/92  
 DATE EXTRACTED: 01/20/92 and 01/23/92  
 DATE ANALYZED: 01/23/92 and 01/24/92  
 DATE REPORTED: 02/06/92  
 PAGE: Two

Sample Type: Sludge

Method and Constituent:	Units	1		Method Blank		QC Summary	
		Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	% Recovery	% RPD
EPA Method 7040:							
Antimony	ug/kg	ND	12,000	ND	12,000	94*	**
EPA Method 7061:							
Arsenic	ug/kg	6,600	120	ND	120	77	20
EPA Method 7080:							
Barium	ug/kg	480,000	25,000	ND	25,000	138*	0.5
EPA Method 7090:							
Beryllium	ug/kg	ND	120	ND	120	71	**
EPA Method 7130:							
Cadmium	ug/kg	6,500	300	ND	300	88	0.0
EPA Method 7190:							
Chromium	ug/kg	20,000	1,200	ND	1,200	74	0.0
EPA Method 219.1:							
Cobalt	ug/kg	100,000	12,000	ND	12,000	93	0.5
EPA Method 7210:							
Copper	ug/kg	120,000	5,000	ND	5,000	84	0.8
EPA Method 7420:							
Lead	ug/kg	110,000	2,500	ND	2,500	89	0.0

Concentrations reported as ND were not detected at or above the reporting limit.

- \* The Recovery is for the Laboratory Control Sample, due to interference in the spiked sample.  
 \*\* The RPD is not reportable since the sample prepared in duplicate was not detectable.

LOG NUMBER: 1677  
 DATE SAMPLED: 01/16/92  
 DATE RECEIVED: 01/16/92  
 DATE EXTRACTED: 01/20/92 and 01/23/92  
 DATE ANALYZED: 01/22/92, 01/23/92 and 01/24/92  
 DATE REPORTED: 02/06/92  
 PAGE: Three

Sample Type: Sludge

Method and Constituent:	Units	1		Method Blank		QC Summary	
		Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	% Recovery	% RPD
EPA Method 7471:							
Mercury	ug/kg	88	50	ND	50	115	18
EPA Method 246.1							
Molybdenum	ug/kg	ND	25,000	ND	25,000	110	**
EPA Method 7520:							
Nickel	ug/kg	32,000	7,500	ND	7,500	77	0.8
EPA Method 7741:							
Selenium	ug/kg	ND	140	ND	140	65*	**
EPA Method 7760:							
Silver	ug/kg	1,200	250	ND	250	71	**
EPA Method 7840:							
Thallium	ug/kg	ND	2,500	ND	2,500	50*	**
EPA Method 7910:							
Vanadium	ug/kg	32,000	5,000	ND	5,000	96	4.5
EPA Method 7950:							
Zinc	ug/kg	290,000	1,200	ND	1,200	81	0.1

Concentrations reported as ND were not detected at or above the reporting limit.

\* The Recovery is for the Laboratory Control Sample, due to interference in the spiked sample.

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LOG NUMBER: 1677  
 DATE SAMPLED: 01/16/92  
 DATE RECEIVED: 01/16/92  
 DATE EXTRACTED: 01/20/92, 01/27/92 and 01/28/92  
 DATE ANALYZED: 01/27/92 and 01/28/92  
 DATE REPORTED: 02/06/92  
 PAGE: Four

Sample Type: Waste Extraction Test  
 Extract of Sludge

Method and Constituent:	Units	1		Method Blank		QC Summary	
		Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	% Recovery	% RPD
EPA Method 7040: Antimony	ug/l	ND	200	260	200	69	**
EPA Method 7061: Arsenic	ug/l	66	5.0	ND	5.0	85	18
EPA Method 7080: Barium	ug/l	16,000	1,000	ND	1,000	120	5.8
EPA Method 7090: Beryllium	ug/l	ND	5.0	ND	5.0	98	**
EPA Method 7130: Cadmium	ug/l	500	10	ND	10	93	2.0
EPA Method 7190: Chromium	ug/l	570	50	ND	50	74	0.0
EPA Method 219.1: Cobalt	ug/l	11,000	500	ND	500	85	0.3
EPA Method 7210: Copper	ug/l	1,600	200	ND	200	97	0.0
EPA Method 7420: Lead	ug/l	7,200	100	ND	100	105	0.8

Concentrations reported as ND were not detected at or above the reporting limit.

\*\* The RPD is not reportable since the sample prepared in duplicate was not detectable.

LOG NUMBER: 1677  
 DATE SAMPLED: 01/16/92  
 DATE RECEIVED: 01/16/92  
 DATE EXTRACTED: 01/20/92, 01/27/92 and 01/28/92  
 DATE ANALYZED: 01/27/92 and 01/28/92  
 DATE REPORTED: 02/06/92  
 PAGE: Five

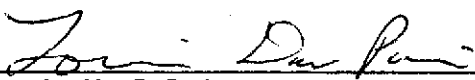
Sample Type: Waste Extraction Test  
 Extract of Sludge

Method and Constituent:	Units	1		Method Blank		QC Summary	
		Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	% Recovery	% RPD
EPA Method 7471: Mercury	ug/l	ND	1.0	ND	1.0	99	**
EPA Method 246.1 Molybdenum	ug/l	ND	1,000	ND	1,000	92	**
EPA Method 7520: Nickel	ug/l	1,200	300	ND	300	88	1.7
EPA Method 7741: Selenium	ug/l	ND	6.0	ND	6.0	103*	**
EPA Method 7760: Silver	ug/l	ND	10	ND	10	64	**
EPA Method 7840: Thallium	ug/l	ND	100	ND	100	55	**
EPA Method 7910: Vanadium	ug/l	800	200	ND	200	82	5.3
EPA Method 7950: Zinc	ug/l	4,500	50	ND	50	98*	0.5

Concentrations reported as ND were not detected at or above the reporting limit.

\* The Recovery is for the Laboratory Control Sample, due to interference in the spiked sample.

\*\* The RPD is not reportable since the sample prepared in duplicate was not detectable.

  
 Louis W. DuPuis  
 Quality Assurance/Quality Control Manager



510-483-8440

CHAIN OF CUSTODY RECORD

Proj.No.		Project Name		No. of Containers	Analyses:	REMARKS
		wash rack sump.				
Company Name and Address: Concrete Wall Sawing 2501 Grant Avenue San Lorenzo, CA 94580						
Project Manager: Chuck Jellison						
Sample ID	Date	Time	Site Location			
1	1-16-92	11:00am			O&G-F METALS 5 common Chuck will call by 1/17/92 to confirm which metals TILC to analyze STLC-CANIZ per phone instructions from Chuck 1/16/92	sludge
Sampled by: (signature)		Date/Time	Relinquished by: (signature)		Date/Time	
<i>Chuck Jellison</i>		1-16-92 11:00am				
Received by: (signature)		Date/Time	Relinquished by: (signature)		Date/Time	
			<i>Chuck Jellison</i>		1-16-92 3:00 pm	
Received for Laboratory by: (signature)			Date/Time	TURNAROUND TIME		
<i>Jennifer Dehol</i>			1-16-92 3:00 pm	Regular		
REMARKS				Mail a copy of report to Pamela Klaus Haz Mat. Program Dept Environmental Health 800 Swan Way Rm 200 Oakland, CA 94621		
				• 1-liter, sludge, and • water in • Green		