

SOIL TECH ENGINEERING

Soil, Foundation and Geological Engineers

298 BROKAW ROAD, SANTA CLARA, CA 95050 ■ (408) 496-0265 OR (408) 496-0266

January 24, 1992

File No. 8-90-421-SI

Kamur Industries
2351 Shoreline Drive
Alameda, California 94501

ATTENTION: MR. MURRAY STEVENS

SUBJECT: JANUARY 1992 SAMPLING OF EL CERRITO CREEK
ADJACENT TO PLAZA CAR WASH
Located at 400 San Pablo Avenue, in
Albany, California

Dear Mr. Stevens:

This letter summarizes the surface water sampling of El Cerrito Creek conducted in the month of January 1992 for Kamur Industries by Soil Tech Engineering, Inc. The El Cerrito Creek is located north of Plaza Car Wash at 400 San Pablo Avenue, in Albany, California. The surface water sampling is the on-going monitoring program requested by the California Regional Water Quality Control Board (CRWQCB). The El Cerrito Creek sampling is conducted during rainy season within 48 hours following a significant rainfall greater than or equal to 0.25 inches. Currently, the surface water samples are taken from three established sampling locations (Figure 1) by the CRWQCB. The three stations are designated as:

- C-1 - Approximately 20 feet up-stream from the storm drain outlet
- C-2 - The storm drain outlet
- C-3 - 50 feet down-stream from the storm drain

92 JAN 30 11:05

Grab water samples taken at the designated locations are analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg) only, per CRWQCB request. The purpose of the sampling is to assess the presence of dissolved hydrocarbons coming from the storm drain, and its impact on the El Cerrito Creek. To date, only two days of samples were collected in the month of January 1992 after the rainstorm.

The grab water samples from each station were collected in 40 ml VOA bottles with no headspace left in the bottle. Each VOA bottle was logged and placed in a cool ice chest and transported to a state-certified laboratory accompanied with a chain-of-custody. On January 10, 1992 during sampling, a mild petroleum odor was noted at the storm drain outlet. No visible sheen was noted on the surface water on both days of sampling.

The analytical results for two days (January 1 and January 10, 1992) are summarized in Table 1. Results of the January 1, 1992, showed a low TPH (3.3 mg/L) at the storm drain outlet (station C-2), and no TPHg down-gradient of the storm drain. January 10, 1992 results showed a moderate levels of TPHg (20 mg/L) at the storm drain outlet and a very low levels (0.83 mg/L) approximately 50 feet down-gradient of the pipe (Station C-3). The laboratory analyses and the chain-of-custody are attached to this report.

Since 1991 water sampling, the station C-2 continues to detect low TPHg; however, the concentrations appears to be decreasing in comparison to March 1991 results.

File No. 8-90-421-SI

STE will continue monitoring El Cerrito Creek per Regional Water Quality Control Board (RWQCB) request. Analytical results will be submitted monthly in a technical report by the 10th of each following month.

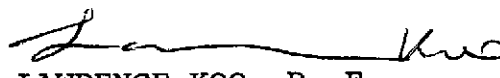
If you have any questions or require additional information, please feel free to contact our office at your convenience.

Sincerely,

SOIL TECH ENGINEERING, INC.



FRANK HAMEDI-FARD
GENERAL MANAGER



LAWRENCE KOO, P. E.
C. E. #34928

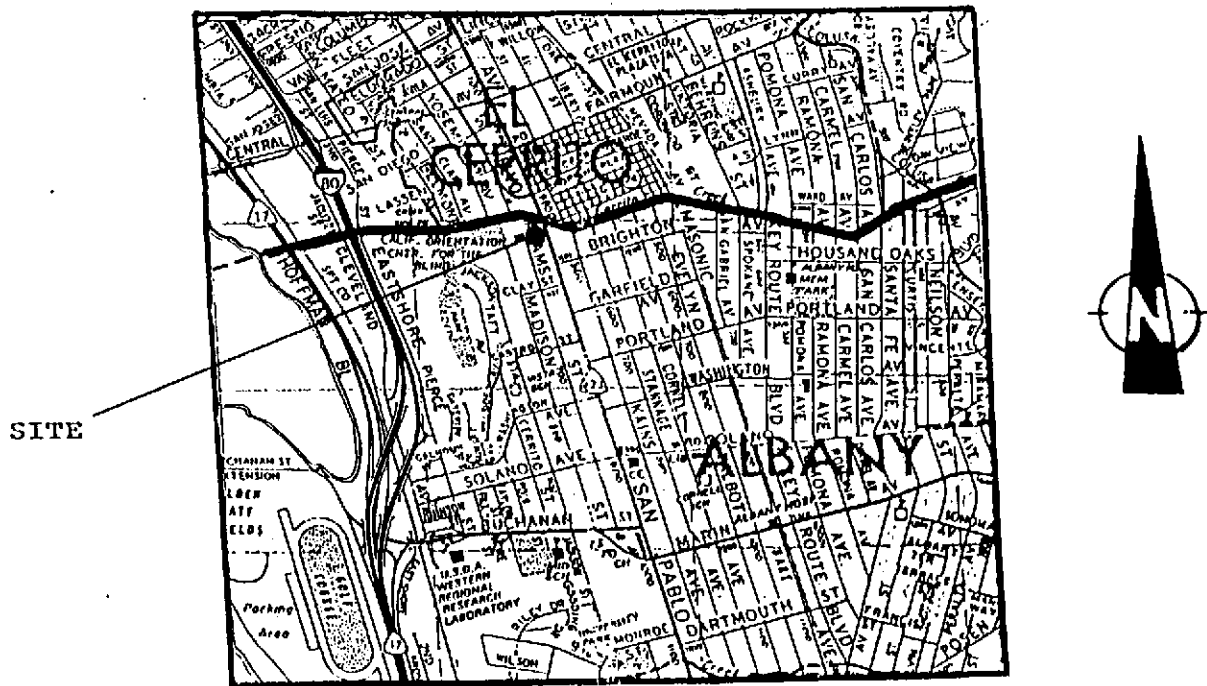
SOIL TECH ENGINEERING, INC.

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TABLE 1
SURFACE WATER ANALYTICAL RESULTS
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
IN
MILLIGRAMS PER LITER (mg/L)

Date Sampled	Station C-1	Station C-2	Station C-3
1/10/92	ND	20	0.83
1/01/92	ND	3.3	ND
3/29/91	ND	31	0.057
3/06/91	ND	55	0.12
2/06/91	ND	11	ND
1/11/91	ND	14	ND

ND = Not Detected (Below Detection Limit)



THOMAS BROS. MAP, 1982 EDITION
ALAMEDA COUNTY
PAGE 1 D2

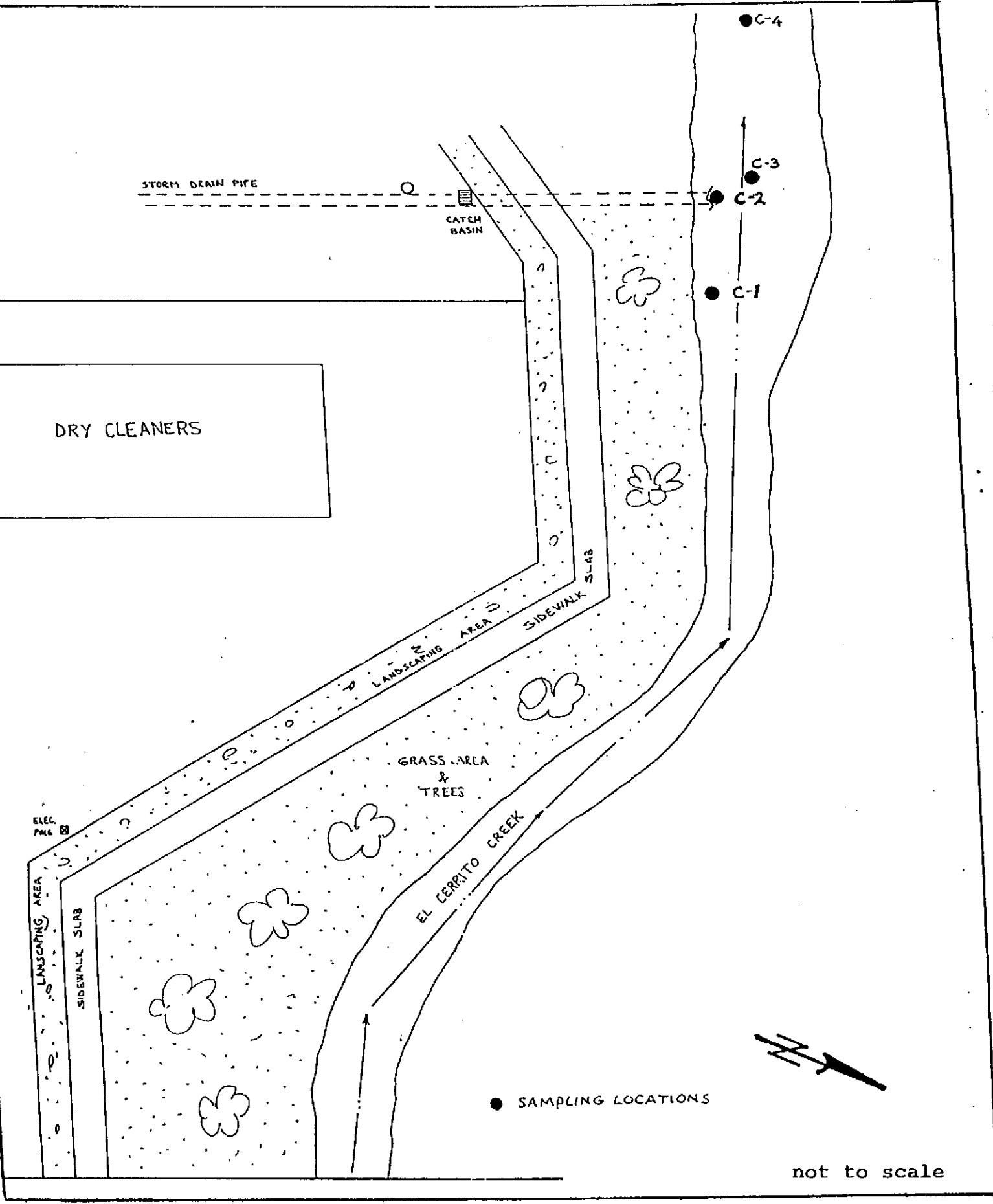


Figure 2

SOIL TECH ENGINEERING, INC.

CHROMALAB, INC.

5 DAYS TURNAROUND

Analytical Laboratory (E694)

January 14, 1992

ChromaLab File No.: 0192030

SOIL TECH ENGINEERING

Attn: Noori Ameli

RE: Three water samples for Gasoline analysis

Project Name: ALBANY CAR WASH

Project Number: 8-90-421-S1

Date Sampled: Jan. 1, 1992

Date Submitted: Jan. 6, 1992

Date Extracted: Jan. 10, 1992

Date Analyzed: Jan. 10, 1992

RESULTS:

<u>Sample I.D.</u>	<u>Gasoline ($\mu\text{g/L}$)</u>
#1	N.D.
#2	3300
#3	N.D.
BLANK	N.D.
SPIKED RECOVERY	102%
DUPLICATE SPIKED RECOVERY	98%
DETECTION LIMIT	50
METHOD OF ANALYSIS	5030/8015

ChromaLab, Inc.



Mary Cappelli
Analytical Chemist



Eric Tam
Laboratory Director

CHAIN OF CUSTODY RECORD

Chrome

PROJ. NO. 8-90-421-55		NAME 400 SAN PABLO AVIZ ALBANY			CONTAINER	ANALYSES REQUESTED 1 PH 6										REMARKS	
SAMPLERS: (Signature) <i>John H...</i>																	
NO.	DATE	TIME	SOIL	WATER	LOCATION												
1	1/1/92	11:30		✓		✓											
2	1	11:35		✓		✓											
3	1	11:40		✓		✓											
Relinquished by: (Signature) <i>John H...</i>		Date / Time 1/6/92 1140		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)							
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)							
Relinquished by: (Signature)		Date / Time 1/6/92 1140		Received for Laboratory by: (Signature) <i>[Signature]</i>		Date / Time		Remarks N.T.A									



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CHROMALAB, INC.

2239 Omega Road, #1 •
510/831-1788 • F

CHROMALAB FILE # 192030
ORDER # 5030

Chain of Custody

DATE 1/6/92 PAGE 1 OF 1

PROJECT INFORMATION					ANALYSIS REPORT					NUMBER OF CONTAINERS										
SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602,8020)	TPH - Diesel (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)		VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASENEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520 E&F)	PESTICIDES/PCB (EPA 608, 8080)	PHENOLS (EPA 604, 8040)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	EXTRACTION (TCLP, STLC)
#1	1/1/92	1130	H ₂ O		X															1
#2	"	1135	"		X															1
#3	"	1140	"		X															1

PROJECT INFORMATION		SAMPLE RECEIPT		RELINQUISHED BY 1.		RELINQUISHED BY 2.		RELINQUISHED BY 3.	
PROJECT NAME: ALBANY CAR WASH	TOTAL NO. OF CONTAINERS 3	CHAIN OF CUSTODY SEALS		(SIGNATURE)	(TIME)	(SIGNATURE)	(TIME)	(SIGNATURE)	(TIME)
PROJECT NUMBER: 8-90-421-51	REC'D GOOD CONDITION/COLD	CONFORMS TO RECORD		(PRINTED NAME)	(DATE)	(PRINTED NAME)	(DATE)	(PRINTED NAME)	(DATE)
SHIPPING ID. NO.	VIA:	LAB NO.		(COMPANY)		(COMPANY)		(COMPANY)	
SPECIAL INSTRUCTIONS/COMMENTS: 5 DAY T.A.T.				RECEIVED BY 1.		RECEIVED BY 2.		RECEIVED BY (LABORATORY) 3.	
				(SIGNATURE)	(TIME)	(SIGNATURE)	(TIME)	(SIGNATURE)	(TIME)
				(PRINTED NAME)	(DATE)	(PRINTED NAME)	(DATE)	(PRINTED NAME)	(DATE)
				(COMPANY)		(COMPANY)		(LAB)	

CHROMALAB, INC.

5 DAYS TURNAROUND

Analytical Laboratory (E694)

January 21, 1992

ChromaLab File No.: 0192088

SOIL TECH ENGINEERING

Attn: Noori Ameli

RE: Three water samples for Gasoline analysis

Project Name: ALBANY CAR WASH

Date Sampled: Unknown

Date Submitted: Jan. 13, 1992

Date Extracted: Jan. 16, 1992

Date Analyzed: Jan. 17, 1992

RESULTS:

<u>Sample I.D.</u>	<u>Gasoline (ug/L)</u>
# 1	N.D.
# 2	20000
# 3	830

BLANK
SPIKE RECOVERY
DETECTION LIMIT
METHOD OF ANALYSIS

N.D.
111%
50
5030/8015

ChromaLab, Inc.



Mary Cappelli
Analytical Chemist



Eric Tam
Laboratory Director

CHAIN OF CUSTODY RECORD

Chroma #088

PROJ. NO. 8-90-4215		NAME KAMUR INDUSTRIES 400 SAN PABLO AVE ALBANY				CONTAINER	ANALYSES REQUESTED FOR TPH & / / / / / / / / / / / / / / / /										REMARKS						
SAMPLERS: (Signature) <i>For 4/11/92</i>																							
NO.	DATE	TIME	SOIL	WATER	LOCATION																		
1	11/10/92	12:50		✓																			
2		12:55		✓																			
3		1:30		✓																			
Relinquished by: (Signature) <i>For 4/11/92</i>		Date / Time 1/13/92 1600		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)	
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature) <i>[Signature]</i>		Date / Time 1/13/92 1600		Remarks N.T.A															



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CHROMALAB, INC.

2239 Omega Road, #1 • San Ramon
510/831-1788 • Facsimile 510/831-3700

Chain of Custody

DATE 1/13/92 PAGE 1 OF 1

PROJ. MGR. _____ COMPANY <u>SOIL TECH</u> ADDRESS _____ SAMPLERS (SIGNATURE) _____ (PHONE NO.) <u>(408) 496-0265</u>					ANALYSIS REPORT														NUMBER OF CONTAINERS		
					TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTeX (EPA 602, 8020)	TPH - Diesel (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 8242)	BASENEUTRALS, ACIDS (EPA 625/627, 8270, 8275)	TOTAL OIL & GREASE (EPA 5520 E&F)	PESTICIDES/PCB (EPA 608, 8080)	PHENOLS (EPA 604, 8040)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)		METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)		PRIORITY POLLUTANT METALS (13)	EXTRACTION (TCLP, STLC)
SAMPLE ID.	DATE	TIME	MATRIX	LAB ID.																	
#1					X																
#2					X																
#3					X																
PROJECT INFORMATION					SAMPLE RECEIPT					RELINQUISHED BY 1.			RELINQUISHED BY 2.			RELINQUISHED BY 3.					
PROJECT NAME: <u>ALBANY CAR WASH</u>		TOTAL NO. OF CONTAINERS <u>3</u>								(SIGNATURE)	(TIME)	(SIGNATURE)	(TIME)	(SIGNATURE)	(TIME)						
PROJECT NUMBER:		CHAIN OF CUSTODY SEALS <u>3</u>								(PRINTED NAME)	(DATE)	(PRINTED NAME)	(DATE)	(PRINTED NAME)	(DATE)						
SHIPPING ID. NO.		REC'D GOOD CONDITION/COLD								(COMPANY)	(COMPANY)	(COMPANY)									
VIA:		CONFORMS TO RECORD								(COMPANY)	(COMPANY)	(COMPANY)									
LAB NO.		CONFORMS TO RECORD			RECEIVED BY 1.			RECEIVED BY 2.			RECEIVED BY (LABORATORY) 3.										
SPECIAL INSTRUCTIONS/COMMENTS:					(SIGNATURE)	(TIME)	(SIGNATURE)	(TIME)	[Signature] <u>SEWN HALSEY</u> <u>1600</u> (LAB) <u>CHROMALAB 1/13</u>												
					(PRINTED NAME)	(DATE)	(PRINTED NAME)	(DATE)													
					(COMPANY)	(COMPANY)	(COMPANY)														
					(COMPANY)	(COMPANY)	(COMPANY)														