TRACE ANALYSIS

Trace Analysis Laboratory, Inc.

3423 Investment Boulevard, #8 • Hayward, California 94545

Telephone (415) 783-6960 Facsimile (415) 783-1512

9682 LOG NO.: 3/20/91 DATE SAMPLED: 3/20/91 DATE RECEIVED: 3/20/91 DATE EXTRACTED:

3/21/91 DATE ANALYZED: 3/21/91 DATE REPORTED:

CUSTOMER:

Ray Walker

REQUESTER:

Walker's Hydraulics

PROJECT:

No. 6641, Associated Concrete

			Sample T	ype: So	<u>il</u>			
		#	1	#	2	# 3		
Method and Constituent	<u>Units</u>	Concen- tration	Reporting Limit	Concentration	Reporting Limit	Concen- tration	Reporting <u>Limit</u>	
DHS Method:							•	
Total Petroleum Hydro- carbons as Diesel	mg/kg	ND	1	ND	1	ND	1	
			site of i. # <u>6. # 7</u>	Metho	d Blank			
Method and <u>Constituent</u>	<u>Units</u>	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit			
DHS Method:								
Total Petroleum Hydro- carbons as Diesel	mg/kg	2,000	10	ND	1			
OC Summary:								

UC Summary

103 % Recovery:

% RPD:

3.9

LOG NO.: 9682
DATE SAMPLED: 3/20/91
DATE RECEIVED: 3/20/91
DATE EXTRACTED: 3/20/91
DATE ANALYZED: 3/21/91
DATE REPORTED: 3/21/91
PAGE: Two

AUE:

Sample Type: Water_____

			1	<u>Method Blank</u>			
Method and Constituent	<u>Units</u>	Concen- tration	Reporting Limit		Reporting <u>Limit</u>		
DHS Method:							
Total Petroleum Hydro- carbons as Diesel	mg/l	260	0.3	ND	0.3		

OC Summary:

% Recovery: 98

% RPD: 1.0



LOG NO.: 9502
DATE SAMPLED: 1/11/91
DATE RECEIVED: 1/11/91
DATE EXTRACTED: 1/15/91
DATE ANALYZED: 1/22/91
DATE REPORTED: 1/25/91

CUSTOMER:

Walker's Hydraulics

REQUESTER:

Ray Walker

PROJECT:

Senna Automotive

Method and Constituent

DHS Method:

Total Petroleum Hydrocarbons as Diesel

Sample Type: Soil

Concentration Reporting tration Limit

Units tration 1,000

9522 LOG NO.:

DATE SAMPLED: 1/16/91 DATE RECEIVED: 1/16/91

1/23/91 DATE EXTRACTED: 1/24/91 DATE ANALYZED:

1/30/91 DATE REPORTED:

CUSTOMER:

Walker's Hydraulics

REQUESTER:

Pat Cashman

PROJECT:

Senna Automotive

So i] Sample Type: Reporting Reporting Concen-Concen-Reporting Concen-Method and <u>tration</u> tration <u>Limit</u> Constituent

DHS Method:

Total Petroleum Hydro-

carbons as Diesel

1,000

ND

1,000

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

Samples 1 and 3 contains compounds eluting earlier than diesel.

9522 LOG NO.: 1/16/91 DATE SAMPLED: 1/16/91 DATE RECEIVED: 1/16/91

DATE EXTRACTED: 1/19/91 and 1/22/91 DATE ANALYZED:

DATE REPORTED:

1/30/91 Two PAGE:

		 	Sample T	ype:	Soil	#3									
		. #	:1	#	2	#3									
Method and Constituent	<u>Units</u>	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	Concen- tration	Reporting <u>Limit</u>								
DHS Method:															
Total Petroleum Hydro- carbons as Gasoline	ug/kg	25/000	2,000	ND	500	57 000	10,000								
Modified EPA Method 8020:		•				-									
Benzene	ug/kg	280	50	5.3	5	920	100								
Toluene	ug/kg	100	40	ND	5	380	200								
Xylenes	ug/kg	940	100	ND	20	2,400	200								
Ethylbenzene	ug/kg	480	50	ND	5	1,200	100								

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

Louis W. DuPuis

Quality Assurance/Quality Control Manager

LOG NO.: 9502
DATE SAMPLED: 1/11/91
DATE RECEIVED: 1/11/91
DATE EXTRACTED: 1/16/91
DATE ANALYZED: 1/18/91
DATE REPORTED: 1/25/91
PAGE: Two

	Sample Type:	Soil
<u>Units</u>	Concen- tration	Reporting Limit
ug/kg	ND	500

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

Method and Constituent

DHS Method:

Total Petroleum Hydrocarbons as Gasoline

Louis W. DuPuis

Quality Assurance/Quality Control Manager

03/22/91

Trace Analysis Laboratory, Inc.

LOG NO.: 9682 3/20/91 DATE SAMPLED: 3/20/91 DATE RECEIVED: DATE EXTRACTED: 3/20/91 DATE ANALYZED: 3/21/91 3/21/91 DATE REPORTED: Three PAGE:

TRACE ANALYSIS

			Sample T	ype: So	oil ;			
		. #	1	#	2	# 3		
Method and Constituent	<u>Units</u>	Concentration	Reporting Limit	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	
DHS Method:					•			
Total Petroleum Hydro- carbons as Gasoline	mg/kg	ND	0.5	2.9	0.5	ND	0.5	
Modified EPA Method 8020:								
Benzene	mg/kg	ND	0.005	ND	0.005	ND	0.005	
Toluene	mg/kg		0.005	ND	0.005	0.01	0.005	
Xylenes	mg/kg	ND	0.02	ND	0.02	ND	0.02	
Ethylbenzene	mg/kg	ND	0.005	0.02	5 0.005	ND	0.005	

		Composite # 4. # 5. #		Method Blank				
Method and Constituent	Units	Concen- Rep	orting imit_	Concen- tration	Reporting Limit			
Collat tuellt	Ailira	FIREIGH E	11814	ri at ion	<u> </u>			
DHS Method:								
Total Petroleum Hydro- carbons as Gasoline	mg/kg	9.0	0.5	ND	0.5			
Modified EPA Method 8020:								
Benzene	mg/kg	0.0066	0.005	ND	0.005			
Toluene	mg/kg	0.0095	0.005	ND	0.005			
Xylenes	mg/kg	1.5	0.02	ND	0.02			
Ethylbenzene	∎g/kg	0.029	0.005	ND	0.005			

OC Summary:

% Recovery: 103 % RPD: 4 4.8

LOG NO.: 9682
DATE SAMPLED: 3/20/91
DATE RECEIVED: 3/20/91
DATE ANALYZED: 3/21/91
DATE REPORTED: 3/21/91
PAGE: Four

			<u> </u>	<u>ype: w</u>	water:								
		·	1	Metho	d Blank								
Method and <u>Constituent</u>	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reporting Limit								
DHS Method:	•												
Total Petroleum Hydro- carbons as Gasoline	mg/l	170	9	ND	0.05								
Modified EPA Method 8020:													
Benzene	m g/1	ND	0.2	ND	0.0005								
Toluene	mg/l	1.6	0.2	ND	0.0005								
Xylenes	mg/l	9.7	0.6	ND	0.002								
Ethylbenzene	mg/l	0.59	0.2	ND	0.0005								

OC Summary:

% Recovery: 102 % RPD: 18.5

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

Louis W. DuPuis

Quality Assurance/Quality Control Manager

[A1] - A #2					Job number		т			7						
Chent ne	ient name SENNA AUTOMOTIVE oject name											Ana	lyses re	quired	/	
Project P	>E. 100	U71 F	667167	ver//ve	1		4						/ /	///,		
Project ii	OITTE								10			//	/ /			
Project P	2202001			. Irania ()			4	,	/x ^y /	/ /	/ /	/ /		/ / 🐉/		
12	17 0	<i>PBH</i> n	MANI	Sampley (s) WALKERS	HUDONIN	1100			RZ.				/ /			
 			Type	1 00/ 10/1-04-3	1921010	0,, ç	-	//	У			/ /	′ /	13.5/	_	
Sample	Date	Time	<u> </u>			Number	١,	/36/	/			′ /		/3°.4°/	- 9	522
number	sampled	sampled	Composite or	Sample de	escription	of	$\perp Z$	ベブ					/ /	\$ 3 /	_	
1	,	,	Grab			container	1//	Y		/ .		/ */	' /Ÿ	* 48 ⁷ /		
1F1	1/	<u> </u>					 	7						1		
14/	116.90	3:06 Pm	6	SIDE WALL &	15 DEEP	/	1		J		1		i	NORM	97	T.A.T
14.							+							, , , , ,	٠٠٠	1.51,
#2	116-91	3:08PM	6	SIDE WALL &	15' DEEP						_	_		<u> </u>		
#3	16-91	3'-10 PM	6	SIDE WAUD	15' DEEP							-			\mathcal{V}	•
			3											V-Q		(T-
				1000 00 0	75.1				\dashv					Y-8,	1 4	3Tea
				-1000 gal	ant		<u> </u>		\longrightarrow			_			-/	01/
				<i>V</i>						ĺ					U	
														Type 5	ite /) a gram
									\dashv	\dashv	\dashv	\dashv		'		
									<u> </u>			_		ļ		
														İ		
-										1						
				•										<u> </u>		-
											l,			<u> </u>		
<u> </u>			9	Signature					Com	pany				Dat	e	Time
Relinquis	hed by	Jath	ma.											1/1	6/9/	18:51
Received	by /	190	2.1	Q Q FORTA	_			•	•					1/16	lai	3:51
Relinguis	hed by	-filely	ace .	Leguli ForTA	-			•		·				1.70	-//	7.3/
Received	bu								 			·				
									- ,	······································		· · · · · · · · · · · · · · · · · · ·				
Relinquis	hed by								•							
Received	bу							•								

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Hazardous samples will be returned to client or disposed of at client expense.

Client na	mė				Job number	<u> </u>	<u> </u>			Δ		· Aı	alyse	s require	d	7	 ,	
	J.W.	Silv	<u>eira</u>		A1001 HZ		}			W.	\/				/ / 8/	/		
Project r	Senr	na Aut	omotiv					,	$\langle \mathcal{Q} \rangle$		<i>y</i> /	/ /	/ /	/ /				
Project r	nanager Pat	Cashm	an	Sampler(s)				\mathcal{A}	1/1	TY.	r,Kri) /			9	42	5	
Sample number	Date sampled	Time sampled	Type Composite or Grab	Sample de	escription	Number of containers	1			\				\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		******		
1	12/19	4.00/	 	100for	1000 Taul	1	J		J	✓					10	Ni	1-1	40ml
2	7,1	 		dupe tec	10 11)	V			V				_	No	Test	*	_
3		<u></u>	1,	of Water	6600 11	1	V		٧	7			_		07	ly	<u> </u>	4
4			0	(Valer		/	V		J	J					No.	jib	·	_{
5				500 60c			V		4	1			_		24	w	1 >	_ \\
6				. (600	o West		V	_	4	4				_		-	1 1	rice
7				11 100	O Paso		V		ᅫ	4						+		-
8				. 1/ 100	a work		/		7	1						-{		
9				Sloward	6000 Taul		i/		4	1			<u>. </u>					_
10				Stock Pil	word #		√		_{	~			_		_/			-
11				Stock Pet	2 East	#2	1		4	<u>J</u>			_	-			Notes	Brown
				•													Water	7-6
				Signature			-/ 1-			pany	-				Date		Time	122
Relinqui	shed by			Cli	1000 L	Dal	1/2	on	<u>/ </u>	4	1 (L	<u>40</u>	u	Q_	4:30	<u>)</u> //	219	
Received	by /	love	1.1	vme	,	TV	97			_/					11.30	2 /	2/19/	90
Relinqui	shed by		· · · · · · · · · · · · · · · · · · ·												-		· · · — · ·	_
Received	by	4																4
Relinqui	shed by								 · · · · ·							-	· · · · · · · · · · · · · · · · · · ·	-
Received	l by]

Note: Samples are discarded 30 days after results are reported

4:15 12/19/10 spoke to fund

1-40-18 For Diesel unless other arrangements are made,

Stock file tast => #23

1-40-18 For TPHG/Bredi at client expense,

24hr TMT 4fock file west => #33

55011

40-18 For TPHG/Bredi at client expense,

Communications

Commu