

RUST Rust Environment & Infrastructure Inc.

A Rust International Company Phone 518 458.1313
12 Metro Park Road Fax 518 458.2472
Albany, NY 12205

50 200 - 1000 0

H
1453

August 18, 1995

Barney M. Chan
Hazardous Materials Specialist
Department of Environmental Health
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502

*all wells include in
SAMP*

RE: American National Can Company
Former Oakland, California Facility

Dear Mr. Chan:

Rust Environment and Infrastructure, Inc. (Rust) has completed a 17th round of quarterly groundwater monitoring for the subject site, the 13th round following the revised groundwater monitoring plan (dated April 27, 1992). This round of monitoring was conducted on July 6, 1995.

While completing this round of monitoring, wells GW-2R, MW-2, MW-3 and MW-5 in Area 3 had thin layers of floating free product. Of these wells, only GW-2R is included in the groundwater sampling monitoring plan. ~~A representative groundwater sample could not be collected due to the presence of free product in GW-2R. The product thickness observed on July 6, 1995 was removed with a bailer on July 11, 1995.~~

Current

Attached is a detailed laboratory analytical report of the results of groundwater analyses obtained from this quarterly monitoring event. Table 1 provides a summary of this laboratory analytical package. The results of samples from well MW-6 and MW-7 from Area 3 and MW-9 and MW-14 from Area 4 were consistent with those of previous sampling events.

In well MW-4, reported levels of benzene and TPH as diesel increased from previous sampling events. In addition, a 1.1µg/l concentration of PCB Arochlor 1260 was detected in MW-4. PCBs have not been detected at this monitoring location in the past. The increase in concentrations detected in well MW-4 may reflect a temporary expansion in the Area 3 groundwater plume due to the above normal precipitation in the region over the previous six-month period. Groundwater elevations over that period were higher than ever previously recorded causing a corresponding increase in the groundwater gradients from the Ekotek Lube property line in Area 3. It is anticipated that with a return to more normal groundwater elevations that concentrations in well MW-4 will decrease. Rust will monitor MW-4 during the next sampling event to further evaluate the significance of this latest data.



Barney M. Chan
August 18, 1995
Page 2

Table 2 is a summary of groundwater levels and product thickness measurements recorded on July 6, 1995. Plate 20 is a groundwater contour map of the groundwater elevation measurements. Due to the reduced number of monitoring points that were available to measure groundwater elevations, some of the contouring has been inferred (dashed), based on previous contouring.

If you have any questions, please call me.

Sincerely,



Edward W. Alusow
Senior Project Manager

EWA/ajl

Enclosures

cc: J. Moran, Esq., ANC
E. Rawlings ANC
S. Arigala, SFBRWQCB
R. Creps, PES

TABLE 1
AMERICAN NATIONAL CAN COMPANY
FORMER OAKLAND, CALIFORNIA, FACILITY

Summary of Quarterly Ground Water Analytical Results - July, 1995

ANALYSIS	AREA - 3			AREA - 4	
	MW-4	MW-6	MW-7	MW-9	MW-14
<i>Volatile Organics</i> (EPA Method 8240)(ug/l)					
Dilution Factor	1.0	1.0	1.0	--	--
1,1-Dichloroethane	nd	8.3	nd	--	--
1,1,1-Trichloroethane	nd	nd	nd	--	--
Acetone	nd	nd	nd	--	--
Benzene	290	nd	nd	--	--
Chlorobenzene	35	nd	nd	--	--
Chloroethane	15	nd	nd	--	--
Ethylbenzene	16	nd	nd	--	--
Toluene	8.5	nd	nd	--	--
Total Xylenes	32	nd	nd	--	--
Total VOCs	396.5	8.3	nd		
<i>TPH as Gasoline</i> (EPA Method 8015 Mod)(ug/l)					
	--	--	--	nd	nd
BTEX (EPA Method 8020)(ug/l)					
Benzene	--	--	--	nd	nd
Toluene	--	--	--	nd	nd
Ethylbenzene	--	--	--	nd	nd
Total Xylenes	--	--	--	nd	nd
<i>TPH as Diesel</i> (EPA Method 8015 Mod)(ug/l)					
	14000	290	1800	--	--
<i>Semi-Volatile Organics</i> (EPA Method 8270)(ug/l)					
Dilution Factor	1.0	1.0	1.0	--	--
2-Methylnaphthalene	25	nd	nd	--	--
Naphthalene	26	nd	nd	--	--
<i>PCBs</i> (EPA Method 8080)(ug/l)					
	1.1	nd	--	--	--
<u>NOTES:</u>					
--: Indicates compound was not analyzed for.					
nd: Indicates compound was not detected at the instrument detection limit.					

TABLE 2
AMERICAN NATIONAL CAN COMPANY
FORMER OAKLAND, CALIFORNIA, FACILITY

Summary of Water Level Measurements

WELL NO.	M.P. EL.	4/7/95			7/6/95			DEPTH TO PRODUCT	DEPTH TO WATER	W.T. EL.	DEPTH TO PRODUCT	DEPTH TO WATER	W.T. EL.
		DEPTH TO PRODUCT	DEPTH TO WATER	W.T. EL.	DEPTH TO PRODUCT	DEPTH TO WATER	W.T. EL.						
MW-1	15.47	<i>Decommissioned</i>			<i>Decommissioned</i>								
MW-2	14.86	6.49	6.50	8.36	8.98	9.00	5.88						
MW-3	14.56	6.72	6.74	7.84	9.30	9.34	5.25						
MW-4	15.27		8.85	6.42		11.71	3.56						
MW-5	14.73	8.72	8.79	6.00	11.31	11.33	3.42						
MW-6	13.24		7.89	5.35		10.25	2.99						
MW-7	16.20		10.17	6.03		12.59	3.61						
MW-8	12.90	<i>Not Accessible</i>			<i>Not Accessible</i>								
MW-9	11.69		7.56	4.13		9.73	1.96						
MW-10	13.03	<i>Not Accessible</i>			<i>Not Accessible</i>								
MW-11	14.49		8.85	5.64	<i>Not Accessible</i>								
MW-12	16.81	<i>Decommissioned</i>			<i>Decommissioned</i>								
MW-13	18.31	<i>Not Accessible</i>			<i>Not Accessible</i>								
MW-14	12.00		8.09	3.91		9.85	2.15						
MW-15	17.88	<i>Decommissioned</i>			<i>Decommissioned</i>								
MW-16	12.26	<i>Decommissioned</i>			<i>Decommissioned</i>								
MW-17	9.09	<i>Decommissioned</i>			<i>Decommissioned</i>								
MW-18	13.10	<i>Decommissioned</i>			<i>Decommissioned</i>								
MW-19	13.12	<i>Decommissioned</i>			<i>Decommissioned</i>								
MW-20	13.14	<i>Decommissioned</i>			<i>Decommissioned</i>								
MW-21	12.86	<i>Decommissioned</i>			<i>Decommissioned</i>								
TW-1	17.76	<i>Decommissioned</i>			<i>Decommissioned</i>								
GW-1	15.35	<i>Decommissioned</i>			<i>Decommissioned</i>								
GW-1R	15.04		7.24	7.80		10.55	4.49						
GW-2	13.10	<i>Decommissioned</i>			<i>Decommissioned</i>								
GW-2R	13.25	8.05	8.21	5.17	10.39	10.45	2.85						
GW-3	11.55	<i>Decommissioned</i>			<i>Decommissioned</i>								
GW-4	11.70	<i>Not Accessible</i>			<i>Not Accessible</i>								
GW-5	17.72		7.02	10.70		7.76	9.96						
GW-6	19.78	<i>Decommissioned</i>			<i>Decommissioned</i>								

* Indicates a thin film (<0.01-feet thick) of product was detected on the water surface with an oil/water interface probe.
All elevations (EL.) are expressed in feet above mean sea level.
Depths are measured in feet below the well measuring point (M.P.).
Estimated product specific gravity of 0.83 was used to calculate an adjusted depth to water in wells containing product.



**Sequoia
Analytical**

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404 N. Wiget Lane
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RUST E & I

JUL 19 1995

Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Client Proj. ID: 35195.101/American Nat'l Can
Sample Descript: MW-9
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9507377-01

Sampled: 07/06/95
Received: 07/07/95
Analyzed: 07/12/95
Reported: 07/14/95

Attention: Walt Howard

QC Batch Number: GC071295BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	111

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager



Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Walt Howard

Client Proj. ID: 35195.101/American Nat'l Can
Sample Descript: MW-14
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9507377-02

Sampled: 07/06/95
Received: 07/07/95
Analyzed: 07/12/95
Reported: 07/14/95

QC Batch Number: GC071295BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	108

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Walt Howard

Client Project ID: 35195.101/American Nat'l Can
Matrix: Liquid

Work Order #: 9507377 01, 02

Reported: Jul 14, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC071295BTEX20A	GC071295BTEX20A	GC071295BTEX20A	GC071295BTEX20A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	950712902	950712902	950712902	950712902
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/12/95	7/12/95	7/12/95	7/12/95
Analyzed Date:	7/12/95	7/12/95	7/12/95	7/12/95
Instrument I.D.#:	GCHP20	GCHP20	GCHP20	GCHP20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	11	11	11	32
MS % Recovery:	110	110	110	107
Dup. Result:	10	10	10	31
MSD % Recov.:	100	100	100	103
RPD:	9.5	9.5	9.5	3.2
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:

Prepared Date:
Analyzed Date:
Instrument I.D.#:
Conc. Spiked:

LCS Result:
LCS % Recov.:

MS/MSD LCS	71-133	72-128	72-130	71-120
Control Limits				

Please Note:

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

SEQUOIA ANALYTICAL

Kevin Follett
Kevin Follett
Project Manager

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

9507377.RRR <1>



To Sequoia Analytical Lab

Custody Seal #	RUST E&I Cooler #
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Project Number 35 195.101	Project Name/Client American National Can	Analysis Required										Matrix			
Sample Custodian: (Signature) <i>Julio</i>												Sample Type		Sample Container	

Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp.	PID Reading (ppm)	Label Number	Analysis Required										Water	Matrix	
								L	U	F	T	P	H	g	B	T	E		X	Water
1	MW-9	7/6/95	1610			01		X	X									X	3	
2	MW-14	7/6/95	1705			02		X	X									X	3	
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				

Relinquished by: (Signature) <i>Julio</i>	Date/Time 7/7/95 930	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date/Time
--	-------------------------	--------------------------	-----------------------------	--------	-----------

Relinquished by: (Signature)	Date/Time	Received by: (Signature) [Laboratory] <i>Daig 7-7-95 0930</i>	Disposed of by: (Signature)	Items:	Date/Time
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Send Lab Results To: <i>Walt Howard - RUST-Albany</i>	Remarks: <i>Standard Turnaround Time</i>	Check Delivery Method: <input type="checkbox"/> Samples delivered in person <input type="checkbox"/> Common carrier	Laboratory Receiving Notes: Custody Seal Intact? Temp. of Shipping Container: Sample Condition:
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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Client Proj. ID: 35195.101 - ANC
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9507331-01

Sampled: 07/06/95
Received: 07/07/95
Analyzed: 07/14/95
Reported: 07/19/95

Attention: Walt Howard

QC Batch Number: MS0714958240H6A
Instrument ID: H6

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	22	N.D.
Benzene	4.4	290
Bromodichloromethane	4.4	N.D.
Bromoform	4.4	N.D.
Bromomethane	4.4	N.D.
2-Butanone	22	N.D.
Carbon disulfide	4.4	N.D.
Carbon tetrachloride	4.4	N.D.
Chlorobenzene	4.4	35
Chloroethane	4.4	15
2-Chloroethyl vinyl ether	22	N.D.
Chloroform	4.4	N.D.
Chloromethane	4.4	N.D.
Dibromochloromethane	4.4	N.D.
1,1-Dichloroethane	4.4	N.D.
1,2-Dichloroethane	4.4	N.D.
1,1-Dichloroethene	4.4	N.D.
cis-1,2-Dichloroethene	4.4	N.D.
trans-1,2-Dichloroethene	4.4	N.D.
1,2-Dichloropropane	4.4	N.D.
cis-1,3-Dichloropropene	4.4	N.D.
trans-1,3-Dichloropropene	4.4	N.D.
Ethylbenzene	4.4	16
2-Hexanone	22	N.D.
Methylene chloride	11	N.D.
4-Methyl-2-pentanone	22	N.D.
Styrene	4.4	N.D.
1,1,2,2-Tetrachloroethane	4.4	N.D.
Tetrachloroethene	4.4	N.D.
Toluene	4.4	8.5
1,1,1-Trichloroethane	4.4	N.D.
1,1,2-Trichloroethane	4.4	N.D.
Trichloroethene	4.4	N.D.
Trichlorofluoromethane	4.4	N.D.
Vinyl acetate	11	N.D.
Vinyl chloride	4.4	N.D.





Sequoia Analytical

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Client Proj. ID: 35195.101 - ANC
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9507331-01

Sampled: 07/06/95
Received: 07/07/95
Analyzed: 07/14/95
Reported: 07/19/95

Attention: Walt Howard

QC Batch Number: MS0714958240H6A
Instrument ID: H6

Analyte	Detection Limit ug/L	Sample Results ug/L
Total Xylenes	4.4	32
Surrogates	Control Limits %	% Recovery
1,2-Dichloroethane-d4	76	114
Toluene-d8	88	110
4-Bromofluorobenzene	86	115

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Walt Howard

Client Proj. ID: 35195.101 - ANC
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9507331-01

Sampled: 07/06/95
Received: 07/07/95
Extracted: 07/11/95
Analyzed: 07/12/95
Reported: 07/19/95

QC Batch Number: MS0711958270EXZ
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	25	N.D.
Acenaphthylene	25	N.D.
Anthracene	25	N.D.
Benzoic Acid	50	N.D.
Benzo(a)anthracene	25	N.D.
Benzo(b)fluoranthene	25	N.D.
Benzo(k)fluoranthene	25	N.D.
Benzo(g,h,i)perylene	25	N.D.
Benzo(a)pyrene	25	N.D.
Benzyl alcohol	25	N.D.
Bis(2-chloroethoxy)methane	25	N.D.
Bis(2-chloroethyl)ether	25	N.D.
Bis(2-chloroisopropyl)ether	25	N.D.
Bis(2-ethylhexyl)phthalate	50	N.D.
4-Bromophenyl phenyl ether	25	N.D.
Butyl benzyl phthalate	25	N.D.
4-Chloroaniline	50	N.D.
2-Chloronaphthalene	25	N.D.
4-Chloro-3-methylphenol	25	N.D.
2-Chlorophenol	25	N.D.
4-Chlorophenyl phenyl ether	25	N.D.
Chrysene	25	N.D.
Dibenzo(a,h)anthracene	25	N.D.
Dibenzofuran	25	N.D.
Di-n-butyl phthalate	50	N.D.
1,2-Dichlorobenzene	25	N.D.
1,3-Dichlorobenzene	25	N.D.
1,4-Dichlorobenzene	25	N.D.
3,3-Dichlorobenzidine	50	N.D.
2,4-Dichlorophenol	25	N.D.
Diethyl phthalate	25	N.D.
2,4-Dimethylphenol	25	N.D.
Dimethyl phthalate	25	N.D.
4,6-Dinitro-2-methylphenol	50	N.D.
2,4-Dinitrophenol	50	N.D.
2,4-Dinitrotoluene	25	N.D.



Sequoia Analytical

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Client Proj. ID: 35195.101 - ANC
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9507331-01

Sampled: 07/06/95
Received: 07/07/95
Extracted: 07/11/95
Analyzed: 07/12/95
Reported: 07/19/95

Attention: Walt Howard

QC Batch Number: MS0711958270EXZ
Instrument ID: H5

Analyte	Detection Limit ug/L	Sample Results ug/L	
2,6-Dinitrotoluene	25	N.D.	
Di-n-octyl phthalate	25	N.D.	
Fluoranthene	25	N.D.	
Fluorene	25	N.D.	
Hexachlorobenzene	25	N.D.	
Hexachlorobutadiene	25	N.D.	
Hexachlorocyclopentadiene	50	N.D.	
Hexachloroethane	25	N.D.	
Indeno(1,2,3-cd)pyrene	25	N.D.	
Isophorone	25	N.D.	
2-Methylnaphthalene	25	25	
2-Methylphenol	25	N.D.	
4-Methylphenol	25	N.D.	
Naphthalene	25	26	
2-Nitroaniline	50	N.D.	
3-Nitroaniline	50	N.D.	
4-Nitroaniline	50	N.D.	
Nitrobenzene	25	N.D.	
2-Nitrophenol	25	N.D.	
4-Nitrophenol	50	N.D.	
n-Nitrosodiphenylamine	25	N.D.	
n-Nitroso-di-n-propylamine	25	N.D.	
Pentachlorophenol	50	N.D.	
Phenanthrene	25	N.D.	
Phenol	25	N.D.	
Pyrene	25	N.D.	
1,2,4-Trichlorobenzene	25	N.D.	
2,4,5-Trichlorophenol	50	N.D.	
2,4,6-Trichlorophenol	25	N.D.	
Surrogates	Control Limits %	% Recovery	
2-Fluorophenol	21	110	77
Phenol-d5	10	110	92
Nitrobenzene-d5	35	114	90
2-Fluorobiphenyl	43	116	80
2,4,6-Tribromophenol	10	123	81
p-Terphenyl-d14	33	141	57

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Client Proj. ID: 35195.101 - ANC
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8080
Lab Number: 9507331-01

Sampled: 07/06/95
Received: 07/07/95
Extracted: 07/11/95
Analyzed: 07/12/95
Reported: 07/19/95

Attention: Walt Howard

QC Batch Number: GC071095OPCBEXA
Instrument ID: GCHP23

Polychlorinated Biphenyls (EPA 8080)

Analyte	Detection Limit ug/L	Sample Results ug/L
PCB-1016	0.50	N.D.
PCB-1221	2.0	N.D.
PCB-1232	0.50	N.D.
PCB-1242	0.50	N.D.
PCB-1248	0.50	N.D.
PCB-1254	0.50	N.D.
PCB-1260	0.50	1.1

Surrogates
Dibutylchlorendate

Control Limits % **% Recovery**
50 150 137

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Kevin Follett
Project Manager





Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Walt Howard

Client Proj. ID: 35195.101 - ANC
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9507331-01

Sampled: 07/06/95
Received: 07/07/95
Extracted: 07/17/95
Analyzed: 07/19/95
Reported: 07/19/95


QC Batch Number: GC0717950HBPEXZ
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	500	14000 C9-C24
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery Q

Analytes reported as N.D were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Kevin Follett
Project Manager



Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Client Proj. ID: 35195.101 - ANC
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9507331-02

Sampled: 07/06/95
Received: 07/07/95
Analyzed: 07/14/95
Reported: 07/19/95

Attention: Walt Howard

QC Batch Number: MS0714958240H6A
Instrument ID: H6

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	10	N.D.
Benzene	2.0	N.D.
Bromodichloromethane	2.0	N.D.
Bromoform	2.0	N.D.
Bromomethane	2.0	N.D.
2-Butanone	10	N.D.
Carbon disulfide	2.0	N.D.
Carbon tetrachloride	2.0	N.D.
Chlorobenzene	2.0	N.D.
Chloroethane	2.0	N.D.
2-Chloroethyl vinyl ether	10	N.D.
Chloroform	2.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	2.0	N.D.
1,1-Dichloroethane	2.0	8.3
1,2-Dichloroethane	2.0	N.D.
1,1-Dichloroethene	2.0	N.D.
cis-1,2-Dichloroethene	2.0	N.D.
trans-1,2-Dichloroethene	2.0	N.D.
1,2-Dichloropropane	2.0	N.D.
cis-1,3-Dichloropropene	2.0	N.D.
trans-1,3-Dichloropropene	2.0	N.D.
Ethylbenzene	2.0	N.D.
2-Hexanone	10	N.D.
Methylene chloride	5.0	N.D.
4-Methyl-2-pentanone	10	N.D.
Styrene	2.0	N.D.
1,1,1,2-Tetrachloroethane	2.0	N.D.
Tetrachloroethene	2.0	N.D.
Toluene	2.0	N.D.
1,1,1-Trichloroethane	2.0	N.D.
1,1,2-Trichloroethane	2.0	N.D.
Trichloroethene	2.0	N.D.
Trichlorofluoromethane	2.0	N.D.
Vinyl acetate	5.0	N.D.
Vinyl chloride	2.0	N.D.



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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Client Proj. ID: 35195.101 - ANC
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9507331-02

Sampled: 07/06/95
Received: 07/07/95
Analyzed: 07/14/95
Reported: 07/19/95

Attention: Walt Howard

QC Batch Number: MS0714958240H6A
Instrument ID: H6

Analyte	Detection Limit ug/L	Sample Results ug/L
Total Xylenes	2.0	N.D.
Surrogates	Control Limits %	% Recovery
1,2-Dichloroethane-d4	76	114
Toluene-d8	88	110
4-Bromofluorobenzene	86	115

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager



Rust E&I
 695 River Oaks Parkway
 San Jose, CA 95134

Client Proj. ID: 35195.101 - ANC
 Sample Descript: MW-6
 Matrix: LIQUID
 Analysis Method: EPA 8270
 Lab Number: 9507331-02

Sampled: 07/06/95
 Received: 07/07/95
 Extracted: 07/11/95
 Analyzed: 07/12/95
 Reported: 07/19/95

Attention: Walt Howard

QC Batch Number: MS0711958270EXZ
 Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	5.0	N.D.
Acenaphthylene	5.0	N.D.
Anthracene	5.0	N.D.
Benzoic Acid	10	N.D.
Benzo(a)anthracene	5.0	N.D.
Benzo(b)fluoranthene	5.0	N.D.
Benzo(k)fluoranthene	5.0	N.D.
Benzo(g,h,i)perylene	5.0	N.D.
Benzo(a)pyrene	5.0	N.D.
Benzyl alcohol	5.0	N.D.
Bis(2-chloroethoxy)methane	5.0	N.D.
Bis(2-chloroethyl)ether	5.0	N.D.
Bis(2-chloroisopropyl)ether	5.0	N.D.
Bis(2-ethylhexyl)phthalate	10	N.D.
4-Bromophenyl phenyl ether	5.0	N.D.
Butyl benzyl phthalate	5.0	N.D.
4-Chloroaniline	10	N.D.
2-Chloronaphthalene	5.0	N.D.
4-Chloro-3-methylphenol	5.0	N.D.
2-Chlorophenol	5.0	N.D.
4-Chlorophenyl phenyl ether	5.0	N.D.
Chrysene	5.0	N.D.
Dibenzo(a,h)anthracene	5.0	N.D.
Dibenzofuran	5.0	N.D.
Di-n-butyl phthalate	10	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
3,3-Dichlorobenzidine	10	N.D.
2,4-Dichlorophenol	5.0	N.D.
Diethyl phthalate	5.0	N.D.
2,4-Dimethylphenol	5.0	N.D.
Dimethyl phthalate	5.0	N.D.
4,6-Dinitro-2-methylphenol	10	N.D.
2,4-Dinitrophenol	10	N.D.
2,4-Dinitrotoluene	5.0	N.D.





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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Client Proj. ID: 35195.101 - ANC
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9507331-02

Sampled: 07/06/95
Received: 07/07/95
Extracted: 07/11/95
Analyzed: 07/12/95
Reported: 07/19/95

Attention: Walt Howard

QC Batch Number: MS0711958270EXZ
Instrument ID: H5

Analyte	Detection Limit ug/L	Sample Results ug/L	
2,6-Dinitrotoluene	5.0	N.D.	
Di-n-octyl phthalate	5.0	N.D.	
Fluoranthene	5.0	N.D.	
Fluorene	5.0	N.D.	
Hexachlorobenzene	5.0	N.D.	
Hexachlorobutadiene	5.0	N.D.	
Hexachlorocyclopentadiene	10	N.D.	
Hexachloroethane	5.0	N.D.	
Indeno(1,2,3-cd)pyrene	5.0	N.D.	
Isophorone	5.0	N.D.	
2-Methylnaphthalene	5.0	N.D.	
2-Methylphenol	5.0	N.D.	
4-Methylphenol	5.0	N.D.	
Naphthalene	5.0	N.D.	
2-Nitroaniline	10	N.D.	
3-Nitroaniline	10	N.D.	
4-Nitroaniline	10	N.D.	
Nitrobenzene	5.0	N.D.	
2-Nitrophenol	5.0	N.D.	
4-Nitrophenol	10	N.D.	
n-Nitrosodiphenylamine	5.0	N.D.	
n-Nitroso-di-n-propylamine	5.0	N.D.	
Pentachlorophenol	10	N.D.	
Phenanthrene	5.0	N.D.	
Phenol	5.0	N.D.	
Pyrene	5.0	N.D.	
1,2,4-Trichlorobenzene	5.0	N.D.	
2,4,5-Trichlorophenol	10	N.D.	
2,4,6-Trichlorophenol	5.0	N.D.	
Surrogates	Control Limits %	% Recovery	
2-Fluorophenol	21	110	56
Phenol-d5	10	110	63
Nitrobenzene-d5	35	114	64
2-Fluorobiphenyl	43	116	65
2,4,6-Tribromophenol	10	123	64
p-Terphenyl-d14	33	141	59

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Client Proj. ID: 35195.101 - ANC
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8080
Lab Number: 9507331-02

Sampled: 07/06/95
Received: 07/07/95
Extracted: 07/11/95
Analyzed: 07/12/95
Reported: 07/19/95

Attention: Walt Howard

QC Batch Number: GC071095OPCBEXA
Instrument ID: GCHP23

Polychlorinated Biphenyls (EPA 8080)

Analyte	Detection Limit ug/L	Sample Results ug/L
PCB-1016	0.50	N.D.
PCB-1221	2.0	N.D.
PCB-1232	0.50	N.D.
PCB-1242	0.50	N.D.
PCB-1248	0.50	N.D.
PCB-1254	0.50	N.D.
PCB-1260	0.50	N.D.
Surrogates	Control Limits %	% Recovery
Dibutylchloroendate	50 150	142

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Client Proj. ID: 35195.101 - ANC
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9507331-02

Sampled: 07/06/95
Received: 07/07/95
Extracted: 07/17/95
Analyzed: 07/18/95
Reported: 07/19/95

Attention: Walt Howard

QC Batch Number: GC0717950HBPEXZ
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	50	290 C9-C24
Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50 150	105

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Walt Howard

Client Proj. ID: 35195.101 - ANC
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9507331-03

Sampled: 07/06/95
Received: 07/07/95

Analyzed: 07/14/95
Reported: 07/19/95

QC Batch Number: MS0714958240H6A
Instrument ID: H6

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	10	N.D.
Benzene	2.0	N.D.
Bromodichloromethane	2.0	N.D.
Bromoform	2.0	N.D.
Bromomethane	2.0	N.D.
2-Butanone	10	N.D.
Carbon disulfide	2.0	N.D.
Carbon tetrachloride	2.0	N.D.
Chlorobenzene	2.0	N.D.
Chloroethane	2.0	N.D.
2-Chloroethyl vinyl ether	10	N.D.
Chloroform	2.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	2.0	N.D.
1,1-Dichloroethane	2.0	N.D.
1,2-Dichloroethane	2.0	N.D.
1,1-Dichloroethene	2.0	N.D.
cis-1,2-Dichloroethene	2.0	N.D.
trans-1,2-Dichloroethene	2.0	N.D.
1,2-Dichloropropane	2.0	N.D.
cis-1,3-Dichloropropene	2.0	N.D.
trans-1,3-Dichloropropene	2.0	N.D.
Ethylbenzene	2.0	N.D.
2-Hexanone	10	N.D.
Methylene chloride	5.0	N.D.
4-Methyl-2-pentanone	10	N.D.
Styrene	2.0	N.D.
1,1,2,2-Tetrachloroethane	2.0	N.D.
Tetrachloroethene	2.0	N.D.
Toluene	2.0	N.D.
1,1,1-Trichloroethane	2.0	N.D.
1,1,2-Trichloroethane	2.0	N.D.
Trichloroethene	2.0	N.D.
Trichlorofluoromethane	2.0	N.D.
Vinyl acetate	5.0	N.D.
Vinyl chloride	2.0	N.D.





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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Walt Howard

Client Proj. ID: 35195.101 - ANC
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9507331-03

Sampled: 07/06/95
Received: 07/07/95

Analyzed: 07/14/95
Reported: 07/19/95

QC Batch Number: MS0714958240H6A
Instrument ID: H6

Analyte	Detection Limit ug/L	Sample Results ug/L
Total Xylenes	2.0	N.D.
Surrogates	Control Limits %	% Recovery
1,2-Dichloroethane-d4	76	114
Toluene-d8	88	110
4-Bromofluorobenzene	86	115

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





Rust E&I
 695 River Oaks Parkway
 San Jose, CA 95134

Client Proj. ID: 35195.101 - ANC
 Sample Descript: MW-7
 Matrix: LIQUID
 Analysis Method: EPA 8270
 Lab Number: 9507331-03

Sampled: 07/06/95
 Received: 07/07/95
 Extracted: 07/11/95
 Analyzed: 07/12/95
 Reported: 07/19/95

Attention: Walt Howard

QC Batch Number: MS0711958270EXZ
 Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	5.0	N.D.
Acenaphthylene	5.0	N.D.
Anthracene	5.0	N.D.
Benzoic Acid	10	N.D.
Benzo(a)anthracene	5.0	N.D.
Benzo(b)fluoranthene	5.0	N.D.
Benzo(k)fluoranthene	5.0	N.D.
Benzo(g,h,i)perylene	5.0	N.D.
Benzo(a)pyrene	5.0	N.D.
Benzyl alcohol	5.0	N.D.
Bis(2-chloroethoxy)methane	5.0	N.D.
Bis(2-chloroethyl)ether	5.0	N.D.
Bis(2-chloroisopropyl)ether	5.0	N.D.
Bis(2-ethylhexyl)phthalate	10	N.D.
4-Bromophenyl phenyl ether	5.0	N.D.
Butyl benzyl phthalate	5.0	N.D.
4-Chloroaniline	10	N.D.
2-Chloronaphthalene	5.0	N.D.
4-Chloro-3-methylphenol	5.0	N.D.
2-Chlorophenol	5.0	N.D.
4-Chlorophenyl phenyl ether	5.0	N.D.
Chrysene	5.0	N.D.
Dibenzo(a,h)anthracene	5.0	N.D.
Dibenzofuran	5.0	N.D.
Di-n-butyl phthalate	10	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
3,3-Dichlorobenzidine	10	N.D.
2,4-Dichlorophenol	5.0	N.D.
Diethyl phthalate	5.0	N.D.
2,4-Dimethylphenol	5.0	N.D.
Dimethyl phthalate	5.0	N.D.
4,6-Dinitro-2-methylphenol	10	N.D.
2,4-Dinitrophenol	10	N.D.
2,4-Dinitrotoluene	5.0	N.D.





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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Client Proj. ID: 35195.101 - ANC
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9507331-03

Sampled: 07/06/95
Received: 07/07/95
Extracted: 07/11/95
Analyzed: 07/12/95
Reported: 07/19/95

Attention: Walt Howard

QC Batch Number: MS0711958270EXZ
Instrument ID: H5

Analyte	Detection Limit ug/L	Sample Results ug/L	
2,6-Dinitrotoluene	5.0	N.D.	
Di-n-octyl phthalate	5.0	N.D.	
Fluoranthene	5.0	N.D.	
Fluorene	5.0	N.D.	
Hexachlorobenzene	5.0	N.D.	
Hexachlorobutadiene	5.0	N.D.	
Hexachlorocyclopentadiene	10	N.D.	
Hexachloroethane	5.0	N.D.	
Indeno(1,2,3-cd)pyrene	5.0	N.D.	
Isophorone	5.0	N.D.	
2-Methylnaphthalene	5.0	N.D.	
2-Methylphenol	5.0	N.D.	
4-Methylphenol	5.0	N.D.	
Naphthalene	5.0	N.D.	
2-Nitroaniline	10	N.D.	
3-Nitroaniline	10	N.D.	
4-Nitroaniline	10	N.D.	
Nitrobenzene	5.0	N.D.	
2-Nitrophenol	5.0	N.D.	
4-Nitrophenol	10	N.D.	
n-Nitrosodiphenylamine	5.0	N.D.	
n-Nitroso-di-n-propylamine	5.0	N.D.	
Pentachlorophenol	10	N.D.	
Phenanthrene	5.0	N.D.	
Phenol	5.0	N.D.	
Pyrene	5.0	N.D.	
1,2,4-Trichlorobenzene	5.0	N.D.	
2,4,5-Trichlorophenol	10	N.D.	
2,4,6-Trichlorophenol	5.0	N.D.	
Surrogates	Control Limits %	% Recovery	
2-Fluorophenol	21	110	54
Phenol-d5	10	110	61
Nitrobenzene-d5	35	114	61
2-Fluorobiphenyl	43	116	58
2,4,6-Tribromophenol	10	123	63
p-Terphenyl-d14	33	141	48

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Walt Howard

QC Batch Number: GC0717950HBPEXZ
Instrument ID: GCHP4A

Client Proj. ID: 35195.101 - ANC
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9507331-03

Sampled: 07/06/95
Received: 07/07/95
Extracted: 07/17/95
Analyzed: 07/18/95
Reported: 07/19/95

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	50	1800 C9-C24
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 170 Q

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Client Proj. ID: 35195.101 - ANC
Sample Descript: Method Blank
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9507331-04

Sampled:
Received: 07/07/95

Analyzed: 07/14/95
Reported: 07/19/95

Attention: Walt Howard

QC Batch Number: MS0714958240H6A
Instrument ID: H6

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	10	N.D.
Benzene	2.0	N.D.
Bromodichloromethane	2.0	N.D.
Bromoform	2.0	N.D.
Bromomethane	2.0	N.D.
2-Butanone	10	N.D.
Carbon disulfide	2.0	N.D.
Carbon tetrachloride	2.0	N.D.
Chlorobenzene	2.0	N.D.
Chloroethane	2.0	N.D.
2-Chloroethyl vinyl ether	10	N.D.
Chloroform	2.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	2.0	N.D.
1,1-Dichloroethane	2.0	N.D.
1,2-Dichloroethane	2.0	N.D.
1,1-Dichloroethene	2.0	N.D.
cis-1,2-Dichloroethene	2.0	N.D.
trans-1,2-Dichloroethene	2.0	N.D.
1,2-Dichloropropane	2.0	N.D.
cis-1,3-Dichloropropene	2.0	N.D.
trans-1,3-Dichloropropene	2.0	N.D.
Ethylbenzene	2.0	N.D.
2-Hexanone	10	N.D.
Methylene chloride	5.0	N.D.
4-Methyl-2-pentanone	10	N.D.
Styrene	2.0	N.D.
1,1,2,2-Tetrachloroethane	2.0	N.D.
Tetrachloroethene	2.0	N.D.
Toluene	2.0	N.D.
1,1,1-Trichloroethane	2.0	N.D.
1,1,2-Trichloroethane	2.0	N.D.
Trichloroethene	2.0	N.D.
Trichlorofluoromethane	2.0	N.D.
Vinyl acetate	5.0	N.D.
Vinyl chloride	2.0	N.D.





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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Client Proj. ID: 35195.101 - ANC
Sample Descript: Method Blank
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9507331-04

Sampled:
Received: 07/07/95
Analyzed: 07/14/95
Reported: 07/19/95

Attention: Walt Howard

QC Batch Number: MS0714958240H6A
Instrument ID: H6

Analyte	Detection Limit ug/L	Sample Results ug/L
Total Xylenes	2.0	N.D.
Surrogates	Control Limits %	% Recovery
1,2-Dichloroethane-d4	76	114
Toluene-d8	88	110
4-Bromofluorobenzene	86	115

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Walt Howard

Client Proj. ID: 35195.101 - ANC
Sample Descript: Method Blank
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9507331-04

Sampled:
Received: 07/07/95
Analyzed: 07/12/95
Reported: 07/19/95

QC Batch Number: MS0711958270EXZ
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	5.0	N.D.
Acenaphthylene	5.0	N.D.
Anthracene	5.0	N.D.
Benzoic Acid	10	N.D.
Benzo(a)anthracene	5.0	N.D.
Benzo(b)fluoranthene	5.0	N.D.
Benzo(k)fluoranthene	5.0	N.D.
Benzo(g,h,i)perylene	5.0	N.D.
Benzo(a)pyrene	5.0	N.D.
Benzyl alcohol	5.0	N.D.
Bis(2-chloroethoxy)methane	5.0	N.D.
Bis(2-chloroethyl)ether	5.0	N.D.
Bis(2-chloroisopropyl)ether	5.0	N.D.
Bis(2-ethylhexyl)phthalate	10	N.D.
4-Bromophenyl phenyl ether	5.0	N.D.
Butyl benzyl phthalate	5.0	N.D.
4-Chloroaniline	10	N.D.
2-Chloronaphthalene	5.0	N.D.
4-Chloro-3-methylphenol	5.0	N.D.
2-Chlorophenol	5.0	N.D.
4-Chlorophenyl phenyl ether	5.0	N.D.
Chrysene	5.0	N.D.
Dibenzo(a,h)anthracene	5.0	N.D.
Dibenzofuran	5.0	N.D.
Di-n-butyl phthalate	10	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
3,3-Dichlorobenzidine	10	N.D.
2,4-Dichlorophenol	5.0	N.D.
Diethyl phthalate	5.0	N.D.
2,4-Dimethylphenol	5.0	N.D.
Dimethyl phthalate	5.0	N.D.
4,6-Dinitro-2-methylphenol	10	N.D.
2,4-Dinitrophenol	10	N.D.
2,4-Dinitrotoluene	5.0	N.D.





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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Walt Howard

Client Proj. ID: 35195.101 - ANC
Sample Descript: Method Blank
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9507331-04

Sampled:
Received: 07/07/95
Analyzed: 07/12/95
Reported: 07/19/95

QC Batch Number: MS0711958270EXZ
Instrument ID: H5

Analyte	Detection Limit ug/L	Sample Results ug/L
2,6-Dinitrotoluene	5.0	N.D.
Di-n-octyl phthalate	5.0	N.D.
Fluoranthene	5.0	N.D.
Fluorene	5.0	N.D.
Hexachlorobenzene	5.0	N.D.
Hexachlorobutadiene	5.0	N.D.
Hexachlorocyclopentadiene	10	N.D.
Hexachloroethane	5.0	N.D.
Indeno(1,2,3-cd)pyrene	5.0	N.D.
Isophorone	5.0	N.D.
2-Methylnaphthalene	5.0	N.D.
2-Methylphenol	5.0	N.D.
4-Methylphenol	5.0	N.D.
Naphthalene	5.0	N.D.
2-Nitroaniline	10	N.D.
3-Nitroaniline	10	N.D.
4-Nitroaniline	10	N.D.
Nitrobenzene	5.0	N.D.
2-Nitrophenol	5.0	N.D.
4-Nitrophenol	10	N.D.
n-Nitrosodiphenylamine	5.0	N.D.
n-Nitroso-di-n-propylamine	5.0	N.D.
Pentachlorophenol	10	N.D.
Phenanthrene	5.0	N.D.
Phenol	5.0	N.D.
Pyrene	5.0	N.D.
1,2,4-Trichlorobenzene	5.0	N.D.
2,4,5-Trichlorophenol	10	N.D.
2,4,6-Trichlorophenol	5.0	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	21	110	65
Phenol-d5	10	110	74
Nitrobenzene-d5	35	114	72
2-Fluorobiphenyl	43	116	82
2,4,6-Tribromophenol	10	123	76
p-Terphenyl-d14	33	141	81

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Walt Howard

Client Proj. ID: 35195.101 - ANC
Sample Descript: Method Blank
Matrix: LIQUID
Analysis Method: EPA 8080
Lab Number: 9507331-04

Sampled:
Received: 07/07/95
Extracted: 07/11/95
Analyzed: 07/12/95
Reported: 07/19/95

QC Batch Number: GC071095OPCBEXA
Instrument ID: GCHP23

Polychlorinated Biphenyls (EPA 8080)

Analyte	Detection Limit ug/L	Sample Results ug/L
PCB-1016	0.50	N.D.
PCB-1221	2.0	N.D.
PCB-1232	0.50	N.D.
PCB-1242	0.50	N.D.
PCB-1248	0.50	N.D.
PCB-1254	0.50	N.D.
PCB-1260	0.50	N.D.
Surrogates	Control Limits %	% Recovery
Dibutylchloroendate	50 150	128

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Kevin Follett
Project Manager





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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Walt Howard

Client Proj. ID: 35195.101 - ANC

Lab Proj. ID: 9507331

Received: 07/07/95

Reported: 07/19/95

LABORATORY NARRATIVE

DIESEL NOTE: Sample 01 surrogate diluted out of sample.
High surrogate recovery for sample 03 due to co-elution.

SEQUOIA ANALYTICAL

Kevin Follett
Project Manager





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Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Walt Howard

Client Project ID: 35195.101
Matrix: Liquid

Work Order #: 9507331 01-03

Reported: Jul 21, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC0717950HBPEXZ
Analy. Method:	EPA 8015 Mod.
Prep. Method:	EPA 3520

Analyst: N. Herrera
MS/MSD #: 950760101
Sample Conc.: 650
Prepared Date: 7/17/95
Analyzed Date: 7/18/95
Instrument I.D.#: GCHP5A
Conc. Spiked: 1000 µg/L

Result: 1600
MS % Recovery: 95

Dup. Result: 1400
MSD % Recov.: 75

RPD: 13
RPD Limit: 0-50

LCS #:

Prepared Date:
Analyzed Date:
Instrument I.D.#:
Conc. Spiked:

LCS Result:
LCS % Recov.:

MS/MSD LCS Control Limits	38-122
--	--------

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

SEQUOIA ANALYTICAL

Kevin Follett
Kevin Follett
Project Manager

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

9507331.RRR <1>





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Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Walt Howard

Client Project ID: 35195.101
Matrix: Liquid

Work Order #: 9507331 01-02

Reported: Jul 21, 1995

QUALITY CONTROL DATA REPORT

Analyte: PCB 1260

QC Batch#: GC0710950PCBEXA
Analy. Method: EPA 8080
Prep. Method: EPA 3510

Analyst: A. Savva
MS/MSD #: BLK071095
Sample Conc.: N.D.
Prepared Date: 7/10/95
Analyzed Date: 7/11/95
Instrument I.D.#: GCHP10B
Conc. Spiked: 2.5 µg/L

Result: 2.1
MS % Recovery: 84

Dup. Result: 2.1
MSD % Recov.: 84

RPD: 0.0
RPD Limit: 0-50

LCS #:

Prepared Date:
Analyzed Date:
Instrument I.D.#:
Conc. Spiked:

LCS Result:
LCS % Recov.:

**MS/MSD
LCS** 50-150
Control Limits

SEQUOIA ANALYTICAL

Kevin Follett
Project Manager

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** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

9507331.RRR <2>



Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Walt Howard

Client Project ID: 35195.101
Matrix: Liquid

Work Order #: 9507331 01-03

Reported: Jul 21, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Phenol	2-Chlorophenol	1,4-Dichloro benzene	N-Nitroso-Di-N-propylamine
QC Batch#:	MS0711958270EXZ	MS0711958270EXZ	MS0711958270EXZ	MS0711958270EXZ
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3520	EPA 3520	EPA 3520	EPA 3520

Analyst:	E. Manuel	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	BLK071195	BLK071195	BLK071195	BLK071195
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/11/95	7/11/95	7/11/95	7/11/95
Analyzed Date:	7/12/95	7/12/95	7/12/95	7/12/95
Instrument I.D.#:	H5	H5	H5	H5
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
Result:	130	140	130	140
MS % Recovery:	65	70	65	70
Dup. Result:	130	130	130	130
MSD % Recov.:	65	65	65	65
RPD:	0.0	7.4	0.0	7.4
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:

Prepared Date:
Analyzed Date:
Instrument I.D.#:
Conc. Spiked:

LCS Result:
LCS % Recov.:

MS/MSD LCS	5-112	23-134	20-124	DL-230
Control Limits				

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SEQUOIA ANALYTICAL

Kevin Follett
Project Manager





Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Walt Howard

Client Project ID: 35195.101
Matrix: Liquid

Work Order #: 9507331 01-03

Reported: Jul 21, 1995

QUALITY CONTROL DATA REPORT

Analyte:	1,2,4-Trichloro benzene	4-Chloro-3 Methylphenol	Acenaphthene	4-Nitrophenol
QC Batch#:	MS0711958270EXZ	MS0711958270EXZ	MS0711958270EXZ	MS0711958270EXZ
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3520	EPA 3520	EPA 3520	EPA 3520

Analyst:	E. Manuel	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	BLK071195	BLK071195	BLK071195	BLK071195
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/11/95	7/11/95	7/11/95	7/11/95
Analyzed Date:	7/12/95	7/12/95	7/12/95	7/12/95
Instrument I.D.#:	H5	H5	H5	H5
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
Result:	130	120	130	120
MS % Recovery:	65	60	65	60
Dup. Result:	130	130	130	120
MSD % Recov.:	65	65	65	60
RPD:	0.0	8.0	0.0	0.0
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:

Prepared Date:
Analyzed Date:
Instrument I.D.#:
Conc. Spiked:

LCS Result:
LCS % Recov.:

MS/MSD LCS	44-142	22-147	47-145	DL-132
Control Limits				

SEQUOIA ANALYTICAL

Kevin Follett
Kevin Follett
Project Manager

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** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference



Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Walt Howard

Client Project ID: 35195.101
Matrix: Liquid

Work Order #: 9507331 01-03

Reported: Jul 21, 1995

QUALITY CONTROL DATA REPORT

Analyte:	2,4-Dinitro-toluene	Pentachloro-phenol	Pyrene
QC Batch#:	MS0711958270EXZ	MS0711958270EXZ	MS0711958270EXZ
Analy. Method:	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3520	EPA 3520	EPA 3520

Analyst:	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	BLK071195	BLK071195	BLK071195
Sample Conc.:	N.D.	N.D.	N.D.
Prepared Date:	7/11/95	7/11/95	7/11/95
Analyzed Date:	7/12/95	7/12/95	7/12/95
Instrument I.D.#:	H5	H5	H5
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L

Result:	130	140	110
MS % Recovery:	65	70	55

Dup. Result:	130	130	110
MSD % Recov.:	65	65	55

RPD:	0.0	7.4	0.0
RPD Limit:	0-50	0-50	0-50

LCS #:

Prepared Date:
Analyzed Date:
Instrument I.D.#:
Conc. Spiked:

LCS Result:
LCS % Recov.:

MS/MSD LCS	39-139	14-176	52-115
Control Limits			

SEQUOIA ANALYTICAL

Kevin Follett
Kevin Follett
Project Manager

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 819 Striker Avenue, Suite 8 Sacramento, CA 95834 (916) 921-9600 FAX (916) 921-0100

Rust E & I
 695 River Oaks Parkway
 San Jose, CA 95134
 Attention: Walt Howard

Client Project ID: 35195.101
 Matrix: Liquid

Work Order #: 9507331 01-03

Reported: Jul 21, 1995

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloroethene	Trichloroethene	Benzene	Toluene	Chloro-benzene
QC Batch#:	MS0714958240H6A	MS0714958240H6A	MS0714958240H6A	MS0714958240H6A	MS0714958240H6A
Analy. Method:	EPA 8240	EPA 8240	EPA 8240	EPA 8240	EPA 8240
Prep. Method:					

	L. Duong	L. Duong	L. Duong	L. Duong	L. Duong
Analyst:	L. Duong	L. Duong	L. Duong	L. Duong	L. Duong
MS/MSD #:	950731802	950731802	950731802	950731802	950731802
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	N.A.	N.A.	N.A.	N.A.	N.A.
Analyzed Date:	7/14/95	7/14/95	7/14/95	7/14/95	7/14/95
Instrument I.D.#:	H6	H6	H6	H6	H6
Conc. Spiked:	50 µg/L	50 µg/L	50 µg/L	50 µg/L	50 µg/L
Result:	50	49	50	51	50
MS % Recovery:	100	98	100	102	100
Dup. Result:	44	48	50	49	50
MSD % Recov.:	88	96	100	98	100
RPD:	13	2.1	0.0	4.0	0.0
RPD Limit:	0-50	0-50	0-50	0-50	0-50

LCS #:

Prepared Date:
 Analyzed Date:
 Instrument I.D.#:
 Conc. Spiked:

LCS Result:
 LCS % Recov.:

MS/MSD	DL-234	71-157	37-151	47-150	37-160
LCS					
Control Limits					

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** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

SEQUOIA ANALYTICAL

Kevin Follett
 Project Manager

To Sequoia Analytical

Project Number 35195.101		Project Name/Client American National Can				Custody Seal #		RUST E&I Cooler #								
Sample Custodian: (Signature) <i>Inclui</i>						Analysis Required				Matrix						
Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp.	PID Reading (ppm)	Label Number	EPA 8240	EPA 8270	LUFY	TPHD	PCBS	Sample Type		Sample Container	
													Water		40 mL VOA	1-L Amber
1	MW-4	7/6/95	1850				1A.H	X	X	X	X		X		4	4
2	MW-6	↓	1955				2A	X	X	X	X		X		4	4
3	MW-7	↓	1755				3A.G	X	X	X	X		X		4	4 3 rd
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

Relinquished by: (Signature) <i>Inclui</i>	Date/Time 7/6/95 9:30	Received by: (Signature) _____	Disposed of by: (Signature)	Items:	Date/Time
Relinquished by: (Signature) _____	Date/Time	Received by: (Signature) [Laboratory] <i>J. Carey</i>	Disposed of by: (Signature)	Items:	Date/Time

Send Lab Results To: <i>Walt Howard - RUST - Albany</i>	Remarks: <i>Standard Turn around Time</i>	Check Delivery Method: <input type="checkbox"/> Samples delivered in person <input type="checkbox"/> Common carrier	Laboratory Receiving Notes: Custody Seal Intact? Temp. of Shipping Container: Sample Condition:
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