

RP Ray Cherry - DC Metals  
1414-3rd St.  
Oak 607



### FACSIMILE COVER SHEET

TO:

JENNIFER EBERLE

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FROM:

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Number of pages including this cover sheet: 14

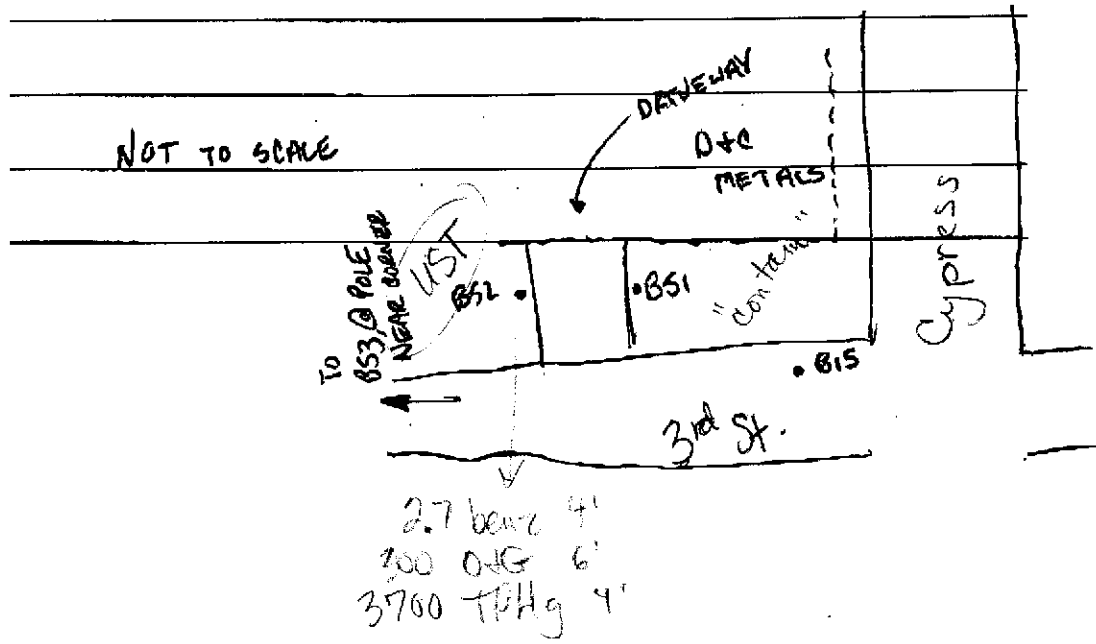
Original to follow via US mail: NOT

Date: 7/28/95

Project: 4318

Subject: ANALYSIS

Comments: BS1, BS2, BS3 RESULTS + LOCATION OF THEM + B15



# CHROMALAB, INC.

Environmental Services (SOB)

June 21, 1995

Submission #: 9506255

RIEDEL/SMITH ENVIRONMENTAL TEC

Atten: Chris White

Project: CT 3RD ST

Project#: 4318

Received: June 20, 1995

re: One sample for Volatile Organic Compounds analysis.

Sample ID: BS1-2'

Spl#: 93064

Matrix: SOIL

Sampled: June 20, 1995

Run: 7272-A

Analyzed: June 20, 1995

Method: EPA 8240/8260

ANALYTE	RESULT	REPORTING	BLANK	BLANK SPIKE
	(ug/Kg)	LIMIT (ug/Kg)	RESULT (ug/Kg)	RESULT (%)
ACETONE	91	46	N.D.	--
BENZENE	N.D.	23	N.D.	113
BROMODICHLOROMETHANE	N.D.	23	N.D.	--
BROMOFORM	N.D.	23	N.D.	--
BROMOMETHANE	N.D.	23	N.D.	--
2-BUTANONE	N.D.	23	N.D.	--
CARBON TETRACHLORIDE	N.D.	23	N.D.	103
CHLOROBENZENE	N.D.	23	N.D.	--
CHLOROETHANE	N.D.	23	N.D.	--
2-CHLOROETHYLVINYLETHER	N.D.	23	N.D.	--
CHLOROFORM	N.D.	23	N.D.	--
CHLOROMETHANE	N.D.	23	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	23	N.D.	--
1,1-DICHLOROETHANE	35	23	N.D.	--
1,2-DICHLOROETHANE	N.D.	23	N.D.	--
1,1-DICHLOROETHENE	N.D.	23	N.D.	97
1,2-DICHLOROETHENE (CIS)	490	23	N.D.	--
1,2-DICHLOROETHENE (TRANS)	N.D.	23	N.D.	--
1,2-DICHLOROPROPANE	N.D.	23	N.D.	--
1,3-DICHLOROPROPENE (CIS)	N.D.	23	N.D.	--
1,3-DICHLOROPROPENE (TRANS)	N.D.	23	N.D.	--
ETHYL BENZENE	560	23	N.D.	--
2-HEXANONE	N.D.	23	N.D.	--
METHYLENE CHLORIDE	N.D.	23	N.D.	--
4-METHYL-2-PENTANONE	N.D.	23	N.D.	--
STYRENE	N.D.	23	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	23	N.D.	--
TETRACHLOROETHENE	N.D.	180	N.D.	92
TOLUENE	11000	23	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	23	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	23	N.D.	104
TRICHLOROETHENE	N.D.	23	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	23	N.D.	--
VINYL ACETATE	N.D.	23	N.D.	--
VINYL CHLORIDE	N.D.	23	N.D.	--
TOTAL XYLENES	3700	180	N.D.	--

*Aaron McMichael*  
Aaron McMichael  
Chemist

*Ali Kharrazi*  
Ali Kharrazi  
Organic Manager

**CHROMALAB, INC.**

Environmental Services (SOB)

June 21, 1995

Submission #: 9506255

RIEDEL/SMITH ENVIRONMENTAL TEC

Atten: Chris White

Project#: 4318

Project: CT 3RD ST

Received: June 20, 1995

re: One sample for Volatile Organic Compounds analysis.

Sample ID: BS1-4'

Matrix: SOIL

Analyzed: June 20, 1995

Spl#: 93065

Run: 7272-A

Sampled: June 20, 1995

Method: EPA 8240/8260

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
ACETONE	N.D.	1900	N.D.	--
BENZENE	N.D.	960	N.D.	113
BROMODICHLOROMETHANE	N.D.	960	N.D.	--
BROMOFORM	N.D.	960	N.D.	--
BROMOMETHANE	N.D.	960	N.D.	--
2-BUTANONE	N.D.	960	N.D.	--
CARBON TETRACHLORIDE	N.D.	960	N.D.	103
CHLOROBENZENE	N.D.	960	N.D.	--
CHLOROETHANE	N.D.	960	N.D.	--
2-CHLOROETHYLVINYLETHER	N.D.	960	N.D.	--
CHLOROFORM	N.D.	960	N.D.	--
CHLOROMETHANE	N.D.	960	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	960	N.D.	--
1,1-DICHLOROETHANE	N.D.	960	N.D.	--
1,2-DICHLOROETHANE	N.D.	960	N.D.	--
1,1-DICHLOROETHENE	N.D.	960	N.D.	97
1,2-DICHLOROETHENE (CIS)	7900	960	N.D.	--
1,2-DICHLOROETHENE (TRANS)	N.D.	960	N.D.	--
1,2-DICHLOROPROPANE	N.D.	960	N.D.	--
1,3-DICHLOROPROPENE (CIS)	N.D.	960	N.D.	--
1,3-DICHLOROPROPENE (TRANS)	N.D.	960	N.D.	--
ETHYL BENZENE	36000	960	N.D.	--
2-HEXANONE	N.D.	960	N.D.	--
METHYLENE CHLORIDE	N.D.	960	N.D.	--
4-METHYL-2-PENTANONE	N.D.	960	N.D.	--
STYRENE	N.D.	960	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	960	N.D.	--
TETRACHLOROETHENE	N.D.	960	N.D.	--
TOLUENE	590000	4800	N.D.	92
1,1,1-TRICHLOROETHANE	N.D.	960	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	960	N.D.	--
TRICHLOROETHENE	N.D.	960	N.D.	104
TRICHLOROFLUOROMETHANE	N.D.	960	N.D.	--
VINYL ACETATE	N.D.	960	N.D.	--
VINYL CHLORIDE	N.D.	960	N.D.	--
TOTAL XYLENES	210000	960	N.D.	--

*Aaron McMichael*  
Aaron McMichael  
Chemist

*Ali Kharrazi*  
Ali Kharrazi  
Organic Manager

**CHROMALAB, INC.**

Environmental Services (SDB)

June 21, 1995

Submission #: 9506255

RIEDEL/SMITH ENVIRONMENTAL TEC

Atten: Chris White

Project: CT 3RD ST

Project#: 4318

Received: June 20, 1995

re: One sample for Volatile Organic Compounds analysis.

Sample ID: BS1-6'

Spl#: 93066

Matrix: SOIL

Sampled: June 20, 1995

Run: 7273-A

Analyzed: June 21, 1995

Method: EPA 8240/8260

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
ACETONE	N.D.	1700	N.D.	--
BENZENE	N.D.	860	N.D.	102
BROMODICHLOROMETHANE	N.D.	860	N.D.	--
BROMOFORM	N.D.	860	N.D.	--
BROMOMETHANE	N.D.	860	N.D.	--
2-BUTANONE	N.D.	860	N.D.	--
CARBON TETRACHLORIDE	N.D.	860	N.D.	--
CHLOROBENZENE	N.D.	860	N.D.	102
CHLOROETHANE	N.D.	860	N.D.	--
2-CHLOROETHYLVINYLETHER	N.D.	860	N.D.	--
CHLOROFORM	N.D.	860	N.D.	--
CHLOROMETHANE	N.D.	860	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	860	N.D.	--
1,1-DICHLOROETHANE	N.D.	860	N.D.	--
1,2-DICHLOROETHANE	N.D.	860	N.D.	--
1,1-DICHLOROETHENE	N.D.	860	N.D.	100
1,2-DICHLOROETHENE (CIS)	3200	860	N.D.	--
1,2-DICHLOROETHENE (TRANS)	N.D.	860	N.D.	--
1,2-DICHLOROPROPANE	N.D.	860	N.D.	--
1,3-DICHLOROPROPENE (CIS)	N.D.	860	N.D.	--
1,3-DICHLOROPROPENE (TRANS)	N.D.	860	N.D.	--
ETHYL BENZENE	7300	860	N.D.	--
2-HEXANONE	N.D.	860	N.D.	--
METHYLENE CHLORIDE	N.D.	860	N.D.	--
4-METHYL-2-PENTANONE	N.D.	860	N.D.	--
STYRENE	N.D.	860	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	860	N.D.	--
TETRACHLOROETHENE	N.D.	860	N.D.	--
TOLUENE	160000	860	N.D.	99
1,1,1-TRICHLOROETHANE	N.D.	860	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	860	N.D.	--
TRICHLOROETHENE	N.D.	860	N.D.	104
TRICHLOROFLUOROMETHANE	N.D.	860	N.D.	--
VINYL ACETATE	N.D.	860	N.D.	--
VINYL CHLORIDE	N.D.	860	N.D.	--
TOTAL XYLENES	43000	860	N.D.	--

*Aaron McMichael*  
Aaron McMichael  
Chemist

*Ali Kharrazi*  
Ali Kharrazi  
Organic Manager

# CHROMALAB, INC.

Environmental Services (SOB)

June 21, 1995

Submission #: 9506255

RIEDEL/SMITH ENVIRONMENTAL TEC

Atten: Chris White

Project: CT 3RD ST

Project#: 4318

Received: June 20, 1995

re: One sample for Volatile Organic Compounds analysis.

Sample ID: BS2-2'

Spl#: 93067

Matrix: SOIL

Analyzed: June 20, 1995

Sampled: June 20, 1995

Run: 7272-A

Method: EPA 8240/8260

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
ACETONE	180	10	N.D.	--
BENZENE	11	5.0	N.D.	113
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--
BROMOFORM	N.D.	5.0	N.D.	--
BROMOMETHANE	N.D.	5.0	N.D.	--
2-BUTANONE	N.D.	5.0	N.D.	--
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--
CHLORO BENZENE	5.8	5.0	N.D.	103
CHLOROETHANE	N.D.	5.0	N.D.	--
2-CHLOROETHYL VINYLETHER	N.D.	5.0	N.D.	--
CHLOROFORM	N.D.	5.0	N.D.	--
CHLOROMETHANE	N.D.	5.0	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHANE	37	5.0	N.D.	--
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	97
1,2-DICHLOROETHENE (CIS)	310	24	N.D.	--
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--
1,3-DICHLOROPROPENE (CIS)	N.D.	5.0	N.D.	--
1,3-DICHLOROPROPENE (TRANS)	N.D.	5.0	N.D.	--
ETHYL BENZENE	52	5.0	N.D.	--
2-HEXANONE	N.D.	5.0	N.D.	--
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
4-METHYL-2-PENTANONE	170	5.0	N.D.	--
STYRENE	N.D.	5.0	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--
TETRACHLOROETHENE	6.8	5.0	N.D.	92
TOLUENE	330	24	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROETHENE	N.D.	5.0	N.D.	104
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--
VINYL ACETATE	N.D.	5.0	N.D.	--
VINYL CHLORIDE	120	5.0	N.D.	--
TOTAL XYLENES	380	5.0	N.D.	--

*Aaron McMichael*  
Aaron McMichael  
Chemist

*Ali Kharrazi*  
Ali Kharrazi  
Organic Manager

# CHROMALAB, INC.

Environmental Services (SDB)

June 21, 1995

Submission #: 9506255

RIEDEL/SMITH ENVIRONMENTAL TEC

Atten: Chris White

Project: CT 3RD ST

Project#: 4318

Received: June 20, 1995

re: One sample for Volatile Organic Compounds analysis.

Sample ID: BS2-4'

Spl#: 93068

Matrix: SOIL


Sampled: June 20, 1995


Run: 7272-A

Analyzed: June 20, 1995

Method: EPA 8240/8260

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
ACETONE	N.D.	1900	N.D.	--
BENZENE	2700	940	N.D.	113
BROMODICHLOROMETHANE	N.D.	940	N.D.	--
BROMOFORM	N.D.	940	N.D.	--
BROMOMETHANE	N.D.	940	N.D.	--
2-BUTANONE	N.D.	940	N.D.	--
CARBON TETRACHLORIDE	N.D.	940	N.D.	--
CHLOROBENZENE	N.D.	940	N.D.	103
CHLOROETHANE	N.D.	940	N.D.	--
2-CHLOROETHYLVINYLETHER	N.D.	940	N.D.	--
CHLOROFORM	N.D.	940	N.D.	--
CHLOROMETHANE	N.D.	940	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	940	N.D.	--
1,1-DICHLOROETHANE	6600	940	N.D.	--
1,2-DICHLOROETHANE	N.D.	940	N.D.	--
1,1-DICHLOROETHENE	N.D.	940	N.D.	97
1,2-DICHLOROETHENE (CIS)	170000	940	N.D.	--
1,2-DICHLOROETHENE (TRANS)	N.D.	940	N.D.	--
1,2-DICHLOROPROPANE	N.D.	940	N.D.	--
1,3-DICHLOROPROPENE (CIS)	N.D.	940	N.D.	--
1,3-DICHLOROPROPENE (TRANS)	N.D.	940	N.D.	--
ETHYL BENZENE	32000	940	N.D.	--
2-HEXANONE	N.D.	940	N.D.	--
METHYLENE CHLORIDE	N.D.	940	N.D.	--
4-METHYL-2-PENTANONE	N.D.	940	N.D.	--
STYRENE	N.D.	940	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	940	N.D.	--
TETRACHLOROETHENE	N.D.	940	N.D.	--
TOLUENE	690000	4700	N.D.	92
1,1,1-TRICHLOROETHANE	17000	940	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	940	N.D.	--
TRICHLOROETHENE	N.D.	940	N.D.	104
TRICHLOROFLUOROMETHANE	N.D.	940	N.D.	--
VINYL ACETATE	N.D.	940	N.D.	--
VINYL CHLORIDE	N.D.	940	N.D.	--
TOTAL XYLENES	190000	940	N.D.	--

  
Aaron McMichael  
Chemist

  
Ali Kharrazi  
Organic Manager

**CHROMALAB, INC.**

Environmental Services (SDB)

June 21, 1995

Submission #: 9506255

RIEDEL/SMITH ENVIRONMENTAL TEC

Atten: Chris White

Project: CT 3RD ST

Project#: 4318

Received: June 20, 1995

re: One sample for Volatile Organic Compounds analysis.

Sample ID: BS2-6'

Spl#: 93069

Matrix: SOIL

Sampled: June 20, 1995

Run: 7272-A

Analyzed: June 20, 1995

Method: EPA 8240/8260

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
ACETONE	N.D.	380	N.D.	--
BENZENE	400	190	N.D.	113
BROMODICHLOROMETHANE	N.D.	190	N.D.	--
BROMOFORM	N.D.	190	N.D.	--
BROMOMETHANE	N.D.	190	N.D.	--
2-BUTANONE	N.D.	190	N.D.	--
CARBON TETRACHLORIDE	N.D.	190	N.D.	--
CHLOROBENZENE	N.D.	190	N.D.	103
CHLOROETHANE	N.D.	190	N.D.	--
2-CHLOROETHYLVINYLETHER	N.D.	190	N.D.	--
CHLOROPORM	N.D.	190	N.D.	--
CHLOROMETHANE	N.D.	190	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	190	N.D.	--
1,1-DICHLOROETHANE	1200	190	N.D.	--
1,2-DICHLOROETHANE	N.D.	190	N.D.	--
1,1-DICHLOROETHENE	N.D.	190	N.D.	97
1,2-DICHLOROETHENE (CIS)	34000	190	N.D.	--
1,2-DICHLOROETHENE (TRANS)	760	190	N.D.	--
1,2-DICHLOROPROPANE	N.D.	190	N.D.	--
1,3-DICHLOROPROPENE (CIS)	N.D.	190	N.D.	--
1,3-DICHLOROPROPENE (TRANS)	N.D.	190	N.D.	--
ETHYL BENZENE	3900	190	N.D.	--
2-HEXANONE	N.D.	190	N.D.	--
METHYLENE CHLORIDE	N.D.	190	N.D.	--
4-METHYL-2-PENTANONE	N.D.	190	N.D.	--
STYRENE	N.D.	190	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	190	N.D.	--
TETRACHLOROETHENE	N.D.	190	N.D.	--
TOLUENE	100000	950	N.D.	92
1,1,1-TRICHLOROETHANE	1900	190	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	190	N.D.	--
TRICHLOROETHENE	N.D.	190	N.D.	104
TRICHLOROFLUOROMETHANE	N.D.	190	N.D.	--
VINYL ACETATE	N.D.	190	N.D.	--
VINYL CHLORIDE	N.D.	190	N.D.	--
TOTAL XYLENES	25000	190	N.D.	--

*Aaron McMichael*  
Aaron McMichael  
Chemist

*Ali Kharrazi*  
Ali Kharrazi  
Organic Manager

# CHROMALAB, INC.

Environmental Services (SOB)

June 21, 1995

Submission #: 9506255

RIEDEL/SMITH ENVIRONMENTAL TEC

Atten: Chris White

Project: CT 3RD ST

Project#: 4318

Received: June 20, 1995

re: One sample for Volatile Organic Compounds analysis.

Sample ID: BS3-2'

Spl#: 93070

Matrix: SOIL

Sampled: June 20, 1995

Run: 7272-A

Analyzed: June 20, 1995

Method: EPA 8240/8260

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
ACETONE	26	10	N.D.	--
BENZENE	N.D.	5.0	N.D.	113
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--
BROMOFORM	N.D.	5.0	N.D.	--
BROMOMETHANE	N.D.	5.0	N.D.	--
2-BUTANONE	N.D.	5.0	N.D.	--
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--
CHLOROBENZENE	N.D.	5.0	N.D.	103
CHLOROETHANE	N.D.	5.0	N.D.	--
2-CHLOROETHYLVINYLETHER	N.D.	5.0	N.D.	--
CHLOROFORM	N.D.	5.0	N.D.	--
CHLOROMETHANE	N.D.	5.0	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	97
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--
1,3-DICHLOROPROPENE (CIS)	N.D.	5.0	N.D.	--
1,3-DICHLOROPROPENE (TRANS)	N.D.	5.0	N.D.	--
ETHYL BENZENE	N.D.	5.0	N.D.	--
2-HEXANONE	N.D.	5.0	N.D.	--
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
4-METHYL-2-PENTANONE	N.D.	5.0	N.D.	--
STYRENE	N.D.	5.0	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--
TETRACHLOROETHENE	N.D.	5.0	N.D.	92
TOLUENE	N.D.	5.0	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROETHENE	N.D.	5.0	N.D.	104
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--
VINYL ACETATE	N.D.	5.0	N.D.	--
VINYL CHLORIDE	N.D.	5.0	N.D.	--
TOTAL XYLENES	N.D.	5.0	N.D.	--

  
Aaron McMichael  
Chemist

  
Ali Kharrazi  
Organic Manager



# CHROMALAB, INC.

Environmental Services (SDB)

June 21, 1995

Submission #: 9506255

RIEDEL/SMITH ENVIRONMENTAL TEC

Atten: Chris White

Project: CT 3RD ST

Project#: 4318

Received: June 20, 1995

re: One sample for Volatile Organic Compounds analysis.

Sample ID: B93-4'

Spl#: 93071

Matrix: SOIL

Sampled: June 20, 1995

Run: 7272-A

Analyzed: June 20, 1995

Method: EPA 8240/8260

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
ACETONE	N.D.	10	N.D.	--
BENZENE	N.D.	5.0	N.D.	113
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--
BROMOFORM	N.D.	5.0	N.D.	--
BROMOMETHANE	N.D.	5.0	N.D.	--
2-BUTANONE	N.D.	5.0	N.D.	--
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--
CHLOROBENZENE	N.D.	5.0	N.D.	103
CHLOROETHANE	N.D.	5.0	N.D.	--
2-CHLOROETHYLVINYLETHER	N.D.	5.0	N.D.	--
CHLOROFORM	N.D.	5.0	N.D.	--
CHLOROMETHANE	N.D.	5.0	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	97
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--
1,3-DICHLOROPROPENE (CIS)	N.D.	5.0	N.D.	--
1,3-DICHLOROPROPENE (TRANS)	N.D.	5.0	N.D.	--
ETHYL BENZENE	N.D.	5.0	N.D.	--
2-HEXANONE	N.D.	5.0	N.D.	--
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
4-METHYL-2-PENTANONE	N.D.	5.0	N.D.	--
STYRENE	N.D.	5.0	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--
TETRACHLOROETHENE	N.D.	5.0	N.D.	92
TOLUENE	N.D.	5.0	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROETHENE	N.D.	5.0	N.D.	104
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--
VINYL ACETATE	N.D.	5.0	N.D.	--
VINYL CHLORIDE	N.D.	5.0	N.D.	--
TOTAL XYLENES	N.D.	5.0	N.D.	--

  
 Aaron McMichael  
 Chemist

  
 Ali Kharrazi  
 Organic Manager

# CHROMALAB, INC.

Environmental Services (SDB)

June 21, 1995

Submission #: 9506255

RIEDEL/SMITH ENVIRONMENTAL TEC

Atten: Chris White

Project: CT 3RD ST

Project#: 4318

Received: June 20, 1995

re: One sample for Volatile Organic Compounds analysis.

Sample ID: BS3-5'

Spl#: 93072

Matrix: SOIL

Sampled: June 20, 1995

Run: 7272-A

Analyzed: June 20, 1995

Method: EPA 8240/8260

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
ACETONE	30	10	N.D.	--
BENZENE	N.D.	5.0	N.D.	113
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--
BROMOFORM	N.D.	5.0	N.D.	--
BROMOMETHANE	N.D.	5.0	N.D.	--
2-BUTANONE	N.D.	5.0	N.D.	--
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	103
CHLOROBENZENE	N.D.	5.0	N.D.	--
CHLOROETHANE	N.D.	5.0	N.D.	--
2-CHLOROETHYLVINYLETHER	N.D.	5.0	N.D.	--
CHLOROFORM	N.D.	5.0	N.D.	--
CHLOROMETHANE	N.D.	5.0	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	97
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--
1,3-DICHLOROPROPENE (CIS)	N.D.	5.0	N.D.	--
1,3-DICHLOROPROPENE (TRANS)	N.D.	5.0	N.D.	--
ETHYL BENZENE	N.D.	5.0	N.D.	--
2-HEXANONE	N.D.	5.0	N.D.	--
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
4-METHYL-2-PENTANONE	N.D.	5.0	N.D.	--
STYRENE	N.D.	5.0	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--
TETRACHLOROETHENE	N.D.	5.0	N.D.	92
TOLUENE	N.D.	5.0	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	104
TRICHLOROETHENE	N.D.	5.0	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--
VINYL ACETATE	N.D.	5.0	N.D.	--
VINYL CHLORIDE	N.D.	5.0	N.D.	--
TOTAL XYLENES	N.D.	5.0	N.D.	--

*Aaron McMichael*  
Aaron McMichael  
Chemist

*Ali Kharrazi*  
Ali Kharrazi  
Organic Manager

# CHROMALAB, INC.

Environmental Services (SDB)

June 21, 1995

Submission #: 9506255

RIEDEL/SMITH ENVIRONMENTAL TEC

Atten: Chris White

Project: CT 3RD ST  
Received: June 20, 1995

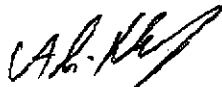
Project#: 4318

re: 9 samples for Oil and Grease analysis.

Matrix: SOIL      Extracted: June 21, 1995  
Run: 7261-C      Analyzed: June 21, 1995  
Sampled: June 20, 1995  
Method: STANDARD METHODS 5520 E&F

Spl #	CLIENT	SMPL ID	OIL & GREASE (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE RESULT (%)
93054	BS1-2'		400	50	N.D.	85
93065	BS1-4'		3600	50	N.D.	85
93066	BS1-6'		260	50	N.D.	85
93067	BS2-2'		91	50	N.D.	85
93068	BS2-4'		65	50	N.D.	85
93069	BS2-6'		300	50	N.D.	85
93070	BS3-2'		N.D.	50	N.D.	85
93071	BS3-4'		N.D.	50	N.D.	85
93072	BS3-6'		N.D.	50	N.D.	85

  
Carolyn House  
Extractions Supervisor

  
Ali Kharrazi  
Organic Manager

**CHROMALAB, INC.**

Environmental Services (SDB)

June 21, 1995

Submission #: 9506255

RIEDEL/SMITH ENVIRONMENTAL TEC

Atten: Chris White

Project: CT 3RD ST

Project#: 4318

Received: June 20, 1995

re: 9 samples for Gasoline analysis.

Matrix: SOIL

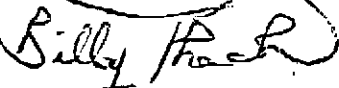
Sampled: June 20, 1995

Run: 7275-E

Analyzed: June 20, 1995

Method: EPA 5030/8015M

Spl #	CLIENT	SMPL ID	GASOLINE (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE RESULT (%)
93064	BS1-2'		390	200	N.D.	91
93065	BS1-4'		5400	1000	N.D.	91
93066	BS1-6'		2100	200	N.D.	91
93067	BS2-2'		93	50	N.D.	91
93068	BS2-4'		3700	200	N.D.	91
93069	BS2-6'		1100	200	N.D.	91
93070	BS3-2'		N.D.	10	N.D.	91
93071	BS3-4'		N.D.	10	N.D.	91
93072	BS3-6'		N.D.	2	N.D.	91



Billy Thach  
Chemist

Ali Kharrazi  
Organic Manager

# CHROMALAB, INC.

Environmental Services (SOB)

June 21, 1995

Submission #: 9506255

RIEDEL/SMITH ENVIRONMENTAL TEC

Atten: Chris White

Project: CT 3RD ST  
Received: June 20, 1995


Project#: 4318

re: 9 samples for Oil and Grease analysis.

Matrix: SOIL      Extracted: June 21, 1995  
Run: 7261-C      Analyzed: June 21, 1995  
Sampled: June 20, 1995  
Method: STANDARD METHODS 5520 E&F

Sp#	CLIENT	SMPL ID	OIL & GREASE (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE RESULT (%)
93064	BS1-2'		400	50	N.D.	85
93065	BS1-4'		3600	50	N.D.	85
93066	BS1-6'		260	50	N.D.	85
93067	BS2-2'		91	50	N.D.	85
93068	BS2-4'		65	50	N.D.	85
93069	BS2-6'		300	50	N.D.	85
93070	BS3-2'		N.D.	50	N.D.	85
93071	BS3-4'		N.D.	50	N.D.	85
93072	BS3-6'		N.D.	50	N.D.	85

  
Carolyn House  
Extractions Supervisor

  
Ali Kharrazi  
Organic Manager



**RIEDEL ENVIRONMENTAL SERVICES, INC**  
 4138 Lakeside Drive, Richmond, California 94806  
 Phone: (510) 222-7810 Fax: (510) 222-6868

## Chain of Custody Request for Analysis

Laboratory: CHROMALAB Date: 6/20/95  
 Contact: PIERRE Page: \_\_\_\_\_  
 Phone: 831-1788 Of: \_\_\_\_\_

**PROJECT INFORMATION**

Project Manager: CHRIS WHITE Project Name: CT 3rd St  
 Fax Results to: SAME At: 748.3812  
 Also to: CHRIS MERRITT At: SAME Project #: 4319  
 Send Report to: CHRIS WHITE P.O. #: 32024  
 Sample Team (print): CHRIS MERRITT  
 (signatures): CHRIS MERRITT  
 Turn Around Time: 10 Day 5 Day 48 Hr. 24 Hr. Other \_\_\_\_\_

PROJECT INFORMATION							ANALYSES												CONTAINERS	
Sample ID	Lab ID	Date	Time	Matrix	Preserv.	TPH - Gasoline (EPA 8030, 8015)	TPH - Diesel (EPA 3510/3550, 8015)	TEPH - Kerosene, Diesel, Motor Oil (EPA 3510/3550, 8015)	Purgeable Aromatics BTEX (EPA 602, 8020)	Purgeable Hydrocarbons (EPA 601, 8010)	Volatile Organics (EPA 624, 8240, 8242)	Semi-Volatile Organics (EPA 625/627, 8270, 825)	Total Oil & Grease (EPA 5520, B+F, E+F)	Total Recoverable Petroleum Hydrocarbons (EPA 418.1)	Metals: Cd, Cr, Pb, Zn, Ni Total or Soluble	CAM Metals (17) Total or Soluble	Lead (Pb) Total, Soluble, or Organic	Extraction TCLP or STLC (Wat)	Number of Containers	
BS1-2'		6/20/95		SOIL		X	X	X			X		X						1	
BS1-4'						X	X	X			X		X						1	
BS1-6'						X	X	X			X		X						1	
BS2-2'						X	X	X			X		X						1	
BS2-4'						X	X	X			X		X						1	
BS2-6'						X	X	X			X		X						1	
BS3-2'						X	X	X			X		X						1	
BS3-4'						X	X	X			X		X						1	
BS3-6'						X	X	X			X		X						1	

**SPECIAL INSTRUCTIONS:**  
BS  
AGAIN "SAM"

**SAMPLE RECEIPT**

Total No. Containers \_\_\_\_\_  
 Head Space Y N  
 Rec'd Good Cond/Cold Y N  
 Conforms to Record Y N

RELINQUISHED BY (Sampler):  
CHRIS MERRITT 12/16/94  
 (Signature) (Time)  
CHRIS MERRITT 6/20/95  
 (Printed Name) (Date)  
RES  
 (Company)

RECEIVED BY:  
Resnador 17:04  
 (Signature) (Time)  
PIERRE 6/20/95  
 (Printed Name) (Date)  
CHROMALAB 102  
 (Company)

RELINQUISHED BY:  
 (Signature) (Time)  
 (Printed Name) (Date)  
 (Company)

RECEIVED BY:  
 (Signature) (Time)  
 (Printed Name) (Date)  
 (Company)

RELINQUISHED BY:  
 (Signature) (Time)  
 (Printed Name) (Date)  
 (Company)

RECEIVED BY (Laboratory):  
 (Signature) (Time)  
 (Printed Name) (Date)  
 (Company)

**COMMENTS:**

**CHROMALAB, INC.**

Environmental Services (SDB)

B15

May 18, 1995

Submission #: 9505204

RIEDEL/SMITH ENVIRONMENTAL TEC

Atten: Chris White

Project: 4318

Received: May 16, 1995

re: 16 samples for Total Extractable Petroleum Hydrocarbons (TEPH)

Matrix: SOIL                      Extracted: May 16, 1995  
 Run#: 6681                      Analyzed: May 17, 1995  
 Sampled: May 16, 1995  
 Method: EPA 3550/8015M

Spl #	CLIENT	SMPL ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
88730	B8-3.5		N.D.	N.D.	N.D.
88731	B9-2.0		N.D.	N.D.	N.D.
88732	B9-4.0		N.D.	N.D.	N.D.
88734	B10-3.0		N.D.	N.D.	N.D.
88735	B11-2.0		N.D.	N.D.	N.D.
88736	B11-4.0		N.D.	N.D.	N.D.
88738	B12-2.0		N.D.	N.D.	N.D.
88739	B12-4.0		N.D.	N.D.	18
88741	B13-2.0		N.D.	N.D.	12
88742	B13-4.0		N.D.	N.D.	N.D.
88744	B14-4.0		N.D.	N.D.	N.D.
88745	B15-2.0		N.D.	N.D.	290
88747	B15-6.0		N.D.	N.D.	N.D.

Note: Compounds in the Diesel range do not match any of our petroleum hydrocarbon standard profiles. Compared to our Diesel standard, amount is 7.6 mg/Kg.

Note: Unknown hydrocarbons in the Diesel range were found in the sample, conc. = 56 mg/Kg. Reporting limit increases 5X due to dilution.

Note: Compounds in the Motor Oil range do not match any of our petroleum hydrocarbon standard profiles. Compared to our Motor Oil standard, amount is 170 mg/Kg.

Matrix: SOIL                      Extracted: May 16, 1995  
 Run#: 6681                      Analyzed: May 18, 1995  
 Sampled: May 16, 1995  
 Method: EPA 3550/8015M

Spl #	CLIENT	SMPL ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
88729	B8-2.0		N.D.	N.D.	72
88743	B14-2.0		N.D.	N.D.	26
88746	B15-4.0		N.D.	N.D.	16

# CHROMALAB, INC.

Environmental Services (SDB)

May 18, 1995

Submission #: 9505204

Page 2

RIEDEL/SMITH ENVIRONMENTAL TEC

Atten: Chris White

Project: 4318

Received: May 16, 1995

re: 16 samples for Total Extractable Petroleum Hydrocarbons (TEPH)

Sampled: May 16, 1995  
Method: EPA 3550/8015M

Matrix: SOIL  
Run#: 6681

Extracted: May 16, 1995  
Analyzed: May 18, 1995

Spl # CLIENT SMPL ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
Reporting Limits	1.0	1.0	10
Blank Result	N.D.	N.D.	N.D.
Blank Spike Result (%)	--	105	--

*Sirirat Chullakorn*

Sirirat (Sindy) Chullakorn  
Chemist

*Ali Kharrazi*

Ali Kharrazi  
Organic Manager



**CHROMALAB, INC.**

Environmental Services (SOB)

May 22, 1995

Submission #: 9505204

RIEDEL/SMITH ENVIRONMENTAL TEC

Atten: Chris White

Project: 4318

Received: May 16, 1995

re: 16 samples for Gasoline and BTEX analysis.

Matrix: SOIL

Sampled: May 16, 1995

Run#: 6690

Analyzed: May 17, 1995

Method: EPA 5030/8015M/8020

Spl #	CLIENT SMPL ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
88744	B14-4.0	N.D.	N.D.	N.D.	N.D.	N.D.
88745	B15-2.0	37	130	1500	480	1900
88746	B15-4.0	1.1	8.7	290	17	96
88747	B15-6.0	3700	N.D.	N.D.	N.D.	22000

Note: GAS DET. LIMIT=900mg/Kg, BTEX DET. LIMIT=4500ug/Kg

Note: GAS CONC. FROM UNKNOWN COMPOUNDS IN GAS RANGE

Matrix: SOIL

Sampled: May 16, 1995

Run#: 6691

Analyzed: May 17, 1995

Method: EPA 5030/8015M/8020

Spl #	CLIENT SMPL ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
88739	B12-4.0	N.D.	8.8	N.D.	34	65
88741	B13-2.0	N.D.	N.D.	N.D.	N.D.	N.D.
88742	B13-4.0	N.D.	N.D.	N.D.	N.D.	N.D.
88743	B14-2.0	N.D.	N.D.	N.D.	N.D.	N.D.

Matrix: SOIL

Sampled: May 16, 1995

Run#: 6693

Analyzed: May 17, 1995

Method: EPA 5030/8015M/8020

Spl #	CLIENT SMPL ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
88729	B8-2.0	N.D.	N.D.	N.D.	N.D.	N.D.
88730	B8-3.5	N.D.	N.D.	N.D.	N.D.	N.D.
88731	B9-2.0	N.D.	N.D.	N.D.	N.D.	N.D.
88732	B9-4.0	N.D.	N.D.	N.D.	N.D.	N.D.
88734	B10-3.0	N.D.	N.D.	N.D.	N.D.	N.D.
88735	B11-2.0	N.D.	N.D.	N.D.	N.D.	N.D.
88736	B11-4.0	N.D.	N.D.	N.D.	N.D.	N.D.
88738	B12-2.0	N.D.	N.D.	N.D.	N.D.	N.D.

# CHROMALAB, INC.

Environmental Services (SOB)

May 22, 1995

Submission #: 9505204  
Page 2

RIEDEL/SMITH ENVIRONMENTAL TEC

Atten: Chris White

Project: 4318

Received: May 16, 1995

re: 16 samples for Gasoline and BTEX analysis, continued.

Sampled: May 16, 1995

Method: EPA 5030/8015M/8020

Matrix: SOIL

Run#: 6693

Analyzed: May 17, 1995

Spl #	CLIENT SMPL ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
Reporting Limits		1.0	5.0	5.0	5.0	5.0
Blank Result		N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)		88	112	113	113	115

  
Jack Kelly  
Chemist

  
Ali Khazrazi  
Organic Manager

204/88729-88747

21980

SUCH AS 2501201 PART OF  
 COMPANY: RIEDEL  
 ORDER: 05/17/95  
 REF #401960

Story: **CHROMALAB** Date: **5/16/95**  
 At: **GARY** Page: **1**  
**431-1788** Of: **3**



**RIEDEL ENVIRONMENTAL SERVICES, INC**  
 4138 Lakeside Drive, Richmond, California 94806  
 Phone: (510) 222-7810 Fax: (510) 222-6668

**PROJECT INFORMATION**

Project Manager: **CHRIS WHITE** Project Name: \_\_\_\_\_  
 Fax Results to: **SAME** At: \_\_\_\_\_  
 Also to: **CHRIS M** At: \_\_\_\_\_  
 Send Report to: **CHRIS WHITE** Project # **4318**  
 Sample Team (print): **CHRIS MERRITT** P.O.# **1552**  
 (signatures): **CHRIS MERRITT**  
 Turn Around Time: 10 Day 5 Day 48 Hr. **24 Hr** Other \_\_\_\_\_

**ANALYSES**

**CONTAINERS**

Sample ID	Lab ID	Date	Time	Matrix	Preserv.	TPH - Gasoline w/ BTEX (EPA 5030, 8015 / 602, 8020)	TPH - Diesel (EPA 3510 / 3550, 8015)	TEPH - Kerosene, Diesel, Motor Oil (EPA 3510/ 3550, 8015)	Purgeable Aromatics BTEX (EPA 602, 8020)	Purgeable Halocarbons (EPA 601, 8010)	Volatile Organics (EPA 524, 8240, 824-2)	Semivolatile Organics (EPA 625 / 627, 8270, 825)	Total Oil & Grease (EPA 5520, B+F or E+F)	Total Recoverable Petroleum Hydrocarbons (EPA 418.1)	Metals: Cd, Cr, Pb, Zn, Ni Total or Soluble	CAM Metals (17) Total or Soluble	Lead (PB) Total, Soluble, or Organic	Extraction TCLP LEAD (CLP or STLC (Wet))	Number of Containers
B8-2.0		5/16/95		SOIL		X	X							X				X	
B8-3.5						X	X							X				X	
B9-2.0						X	X							X				X	
B9-4.0						X	X							X	X			X	
B9-6.0																			
B10-3.0						X	X							X				X	
B10-2.0						X	X							X				X	
B11-4.0						X	X							X				X	
B11-6.0																			

SPECIAL INSTRUCTIONS / COMMENTS:  
**RUSH**

RELINQUISHED BY (Sampler):  
**CHRIS MERRITT** 5:31 PM  
 (Signature) (Time)  
**CHRIS MERRITT** 5/16/95  
 (Printed Name) (Date)  
 (Company)  
 RECEIVED BY:  
**[Signature]** 17:40  
 (Signature) (Time)  
**D. MORROW** 5/16/95  
 (Printed Name) (Date)  
 (Company)

RELINQUISHED BY:  
 (Signature) (Time)  
 (Printed Name) (Date)  
 (Company)  
 RECEIVED BY:  
 (Signature) (Time)  
 (Printed Name) (Date)  
 (Company)

RELINQUISHED BY:  
 (Signature) (Time)  
 (Printed Name) (Date)  
 (Company)  
 RECEIVED BY (Laboratory):  
 (Signature) (Time)  
 (Printed Name) (Date)  
 (Company)

**SAMPLE RECEIPT**  
 Total No. Containers \_\_\_\_\_  
 Head Space \_\_\_\_\_  
 Y N  
 Rec'd Good Cond/Cold \_\_\_\_\_  
 Y N  
 Conforms to Record \_\_\_\_\_  
 Y N