

**SUPERIOR ANALYTICAL LABORATORY, INC.**

1555 BURKE, UNIT I • SAN FRANCISCO, CA 94124 • PHONE (415) 647-2081

*Scrub Soil AFDZ  
ANALYSIS***C E R T I F I C A T E O F A N A L Y S I S**LABORATORY NO.: 52376-1  
CLIENT: Decon Environ. Services  
JOB NO.: 309DATE SAMPLED: 08/14/90  
DATE RECEIVED: 08/14/90  
DATE ANALYZED: 08/20/90EPA SW-846 METHOD 8010  
HALOGENATED VOLATILE ORGANICS  
SAMPLE: 309-813-AP-W*Soil*

Compound	MDL (mg/kg)	RESULTS (mg/kg)
Chloromethane/Vinyl Chloride	10	ND
Bromomethane/Chloroethane	10	ND
Trichlorofluoromethane	5	ND
1,1-Dichloroethene	5	ND
Methylene Chloride	5	ND
trans-1,2-Dichloroethene	5	ND
1,1-Dichloroethane	5	ND
Chloroform	5	ND
1,1,1-Trichloroethane	5	ND
Carbon tetrachloride	5	ND
1,2-Dichloroethane	5	ND
Trichloroethylene	5	ND
1,2-Dichloropropane	5	ND
Bromodichloromethane	5	ND
Cis-1,3-Dichloropropene	5	ND
trans-1,3-Dichloropropene	5	ND
1,1,2-Trichloroethane	5	ND
Tetrachloroethene	5	ND
Dibromochloromethane	5	ND
Chlorobenzene	5	ND
Bromoform	5	ND
1,1,2,2-Tetrachloroethane	5	ND
1,3-Dichlorobenzene	5	ND
1,2-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	5	ND

MDL = Method Detection Limit

mg/kg = parts per million (ppm)

QA/QC Summary: Daily Standard RPD = &lt;15

MS/MSD average recovery = 94 % :MS/MSD RPD = &lt; 1 %

Richard Srna, Ph.D.

*Richard Srna*  
Laboratory Director

OUTSTANDING QUALITY AND SERVICE

# SUPERIOR ANALYTICAL LABORATORY, INC.

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## CERTIFICATE OF ANALYSIS

LABORATORY NO.: 52376-2  
 CLIENT: Decon Environ. Services  
 JOB NO.: 309

DATE SAMPLED: 08/14/90  
 DATE RECEIVED: 08/14/90  
 DATE ANALYZED: 08/20/90

*soil*

EPA SW-846 METHOD 8010  
 HALOGENATED VOLATILE ORGANICS  
 SAMPLE: 309-813-AP-M

Compound	MDL (mg/kg)	RESULTS (mg/kg)
Chloromethane/Vinyl Chloride	10	ND
Bromomethane/Chloroethane	10	ND
Trichlorofluoromethane	5	ND
1,1-Dichloroethene	5	ND
Methylene Chloride	5	ND
trans-1,2-Dichloroethene	5	ND
1,1-Dichloroethane	5	ND
Chloroform	5	ND
1,1,1-Trichloroethane	5	ND
Carbon tetrachloride	5	ND
1,2-Dichloroethane	5	ND
Trichloroethylene	5	ND
1,2-Dichloropropane	5	ND
Bromodichloromethane	5	ND
Cis-1,3-Dichloropropene	5	ND
trans-1,3-Dichloropropene	5	ND
1,1,2-Trichloroethane	5	ND
Tetrachloroethene	5	ND
Dibromochloromethane	5	ND
Chlorobenzene	5	ND
Bromoform	5	ND
1,1,2,2-Tetrachloroethane	5	ND
1,3-Dichlorobenzene	5	ND
1,2-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	5	ND

MDL = Method Detection Limit

mg/kg = parts per million (ppm)

QA/QC Summary: Daily Standard RPD = <15

MS/MSD average recovery = 94 % :MS/MSD RPD = <1 %

Richard Skna, Ph.D.

*[Signature]*  
 Laboratory Director

OUTSTANDING QUALITY AND SERVICE

# SUPERIOR ANALYTICAL LABORATORY, INC.

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## CERTIFICATE OF ANALYSIS

LABORATORY NO.: 52376-3  
CLIENT: Decon Environ. Services  
JOB NO.: 309

DATE SAMPLED: 08/14/90  
DATE RECEIVED: 08/14/90  
DATE ANALYZED: 08/20/90

EPA SW-848 METHOD 8010  
HALOGENATED VOLATILE ORGANICS  
SAMPLE: 309-813-AP-E

*Soil*

Compound	MDL (mg/kg)	RESULTS (mg/kg)
Chloromethane/Vinyl Chloride	10	ND
Bromomethane/Chloroethane	10	ND
Trichlorofluoromethane	5	ND
1,1-Dichloroethene	5	ND
Methylene Chloride	5	ND
trans-1,2-Dichloroethene	5	ND
1,1-Dichloroethane	5	ND
Chloroform	5	ND
1,1,1-Trichloroethane	5	ND
Carbon tetrachloride	5	ND
1,2-Dichloroethane	5	ND
Trichloroethylene	5	ND
1,2-Dichloropropane	5	ND
Bromodichloromethane	5	ND
Cis-1,3-Dichloropropene	5	ND
trans-1,3-Dichloropropene	5	ND
1,1,2-Trichloroethane	5	ND
Tetrachloroethene	5	ND
Dibromochloromethane	5	ND
Chlorobenzene	5	ND
Bromoform	5	ND
1,1,2,2-Tetrachloroethane	5	ND
1,3-Dichlorobenzene	5	ND
1,2-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	5	ND

MDL = Method Detection Limit

mg/kg = parts per million (ppm)

QA/QC Summary: Daily Standard RPD = <15

MS/MSD average recovery = 94 % ; MS/MSD RPD = < 1 %

Richard Srna, Ph.D.

*Richard Srna*  
Laboratory Director

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1555 BURKE, UNIT I • SAN FRANCISCO, CA 94124 • PHONE (415) 647-2081

**C E R T I F I C A T E O F A N A L Y S I S**

LABORATORY NO.: 52387-1  
 CLIENT: Decon  
 JOB NO.: 309

DATE SAMPLED: 08/15/90  
 DATE RECEIVED: 08/15/90  
 DATE ANALYZED: 08/22/90

EPA SW-846 METHOD 8010  
 HALOGENATED VOLATILE ORGANICS  
 SAMPLE: 309 815 W1

*Water*

*TCA*  
*TCE*

Compound	MDL (ug/L)	RESULTS (ug/l) PPB
Chloromethane/Vinyl Chloride	50.0	ND
Bromomethane/Chloroethane	50.0	ND
Trichlorofluoromethane	25	ND
1,1-Dichloroethene	25	ND
Methylene Chloride	100	ND
trans-1,2-Dichloroethene	25	26
1,1-Dichloroethane	25	ND
Chloroform	25	ND
1,1,1-Trichloroethane	25	110
Carbon tetrachloride	25	ND
1,2-Dichloroethane	25	ND
Trichloroethylene	25	5000 → 5 PPB
1,2-Dichloropropane	25	ND
Bromodichloromethane	25	ND
Cis-1,3-Dichloropropene	25	ND
trans-1,3-Dichloropropene	25	ND
1,1,2-Trichloroethane	25	ND
Tetrachloroethene	25	440
Dibromochloromethane	25	ND
Chlorobenzene	25	ND
Bromoform	25	ND
1,1,2,2-Tetrachloroethane	25	ND
1,3-Dichlorobenzene	25	ND
1,2-Dichlorobenzene	25	ND
1,4-Dichlorobenzene	25	ND

MDL = Method Detection Limit  
 ug/l = parts per billion (ppb)  
 QA/QC Summary: Daily Standard RPD = <15%  
 MS/MSD average recovery = 88% :MS/MSD RPD = < 4%

Richard Srna, Ph.D.

*[Signature]*  
 Laboratory Director

