APPENDIX D TABLE OF CONTENTS

FIGURES

Figure D-1 Site Location Map
Figure D-2 General Site Plan
Figure D-3 Site Layout Dolphin Property
Figure D-4 Location of Sanitary Sewer Interceptor and Liquid/Sludge release at Dolphin III
Figure D-5 Sampling Locations
Figure D-6 Soil Sample Location Map For Metals In Soil At the Former Acid Etch Area Showing Metals Concentrations
Figure D-7 Dolphin, Incorporated Soil Vapor Extraction Systems

TABLES

Table D-1 Dolphin Inc. Well Information
Table D-2 Soil Vapor Extraction Information

LABORATORY REPORTS

Tracer Research Corporation Soil Gas Analyses
Arizona Testing Laboratories Soil Sample Analyses
Analytical Technologies, Inc. Soil Sample Analyses
Del Mar Analytical Soil Sample Analyses

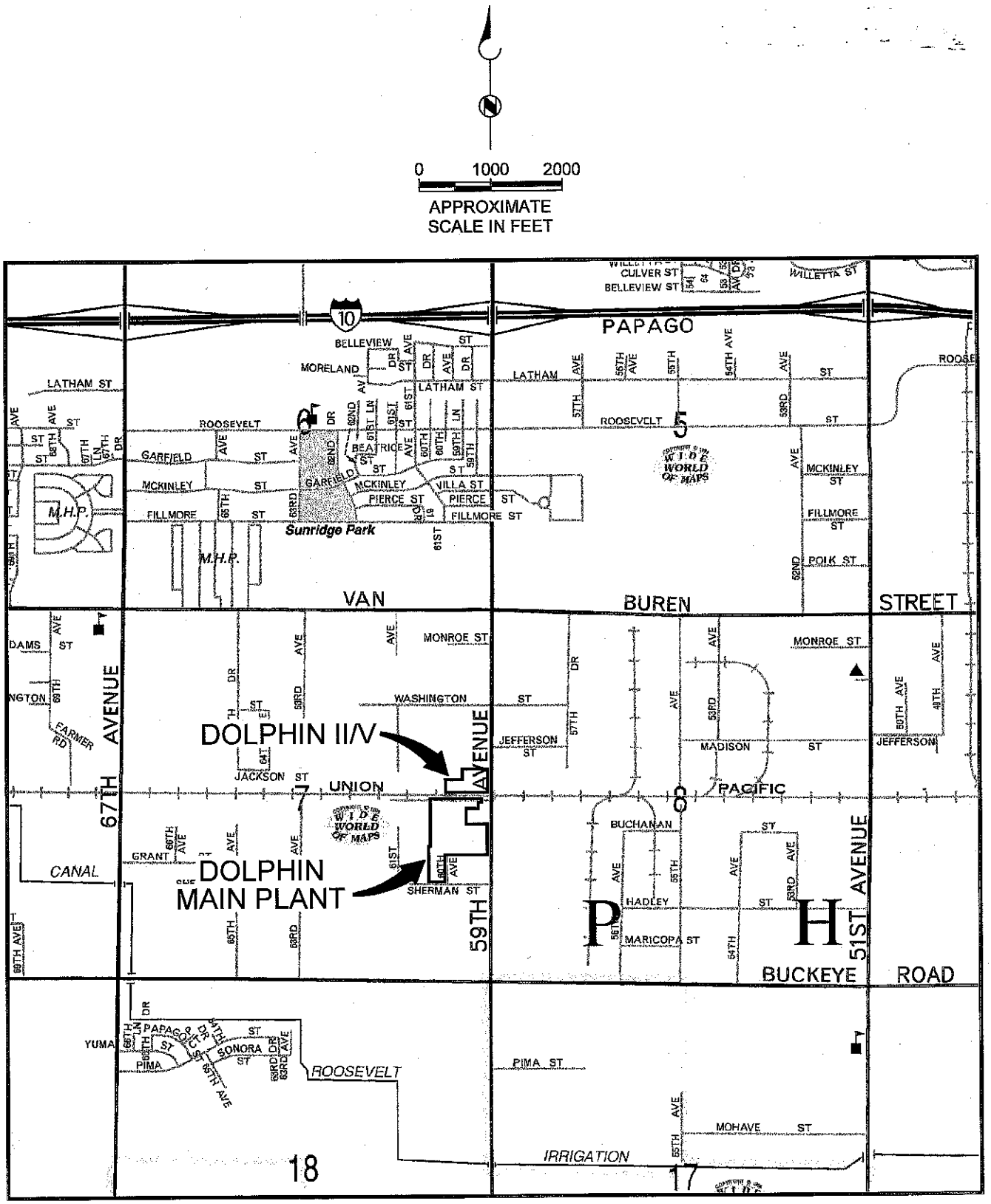

Figure D-1

SITE LOCATION MAP
DOLPHIN, INCORPORATED
350 AND 740 SOUTH 59th AVENUE
PHOENIX, ARIZONA

BROWN AND CALDWELL

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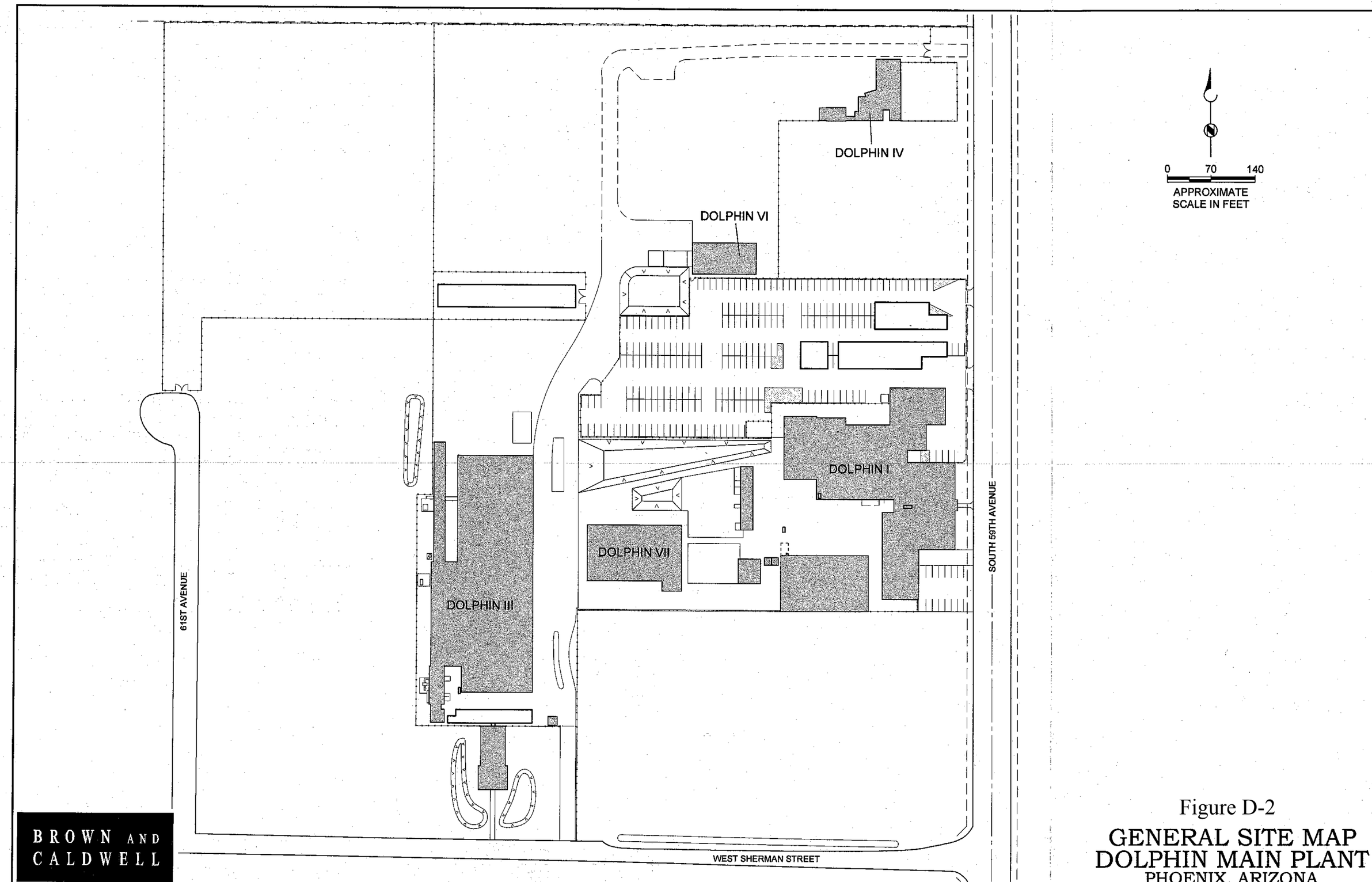

Figure D-2

GENERAL SITE MAP
DOLPHIN MAIN PLANT
PHOENIX, ARIZONA

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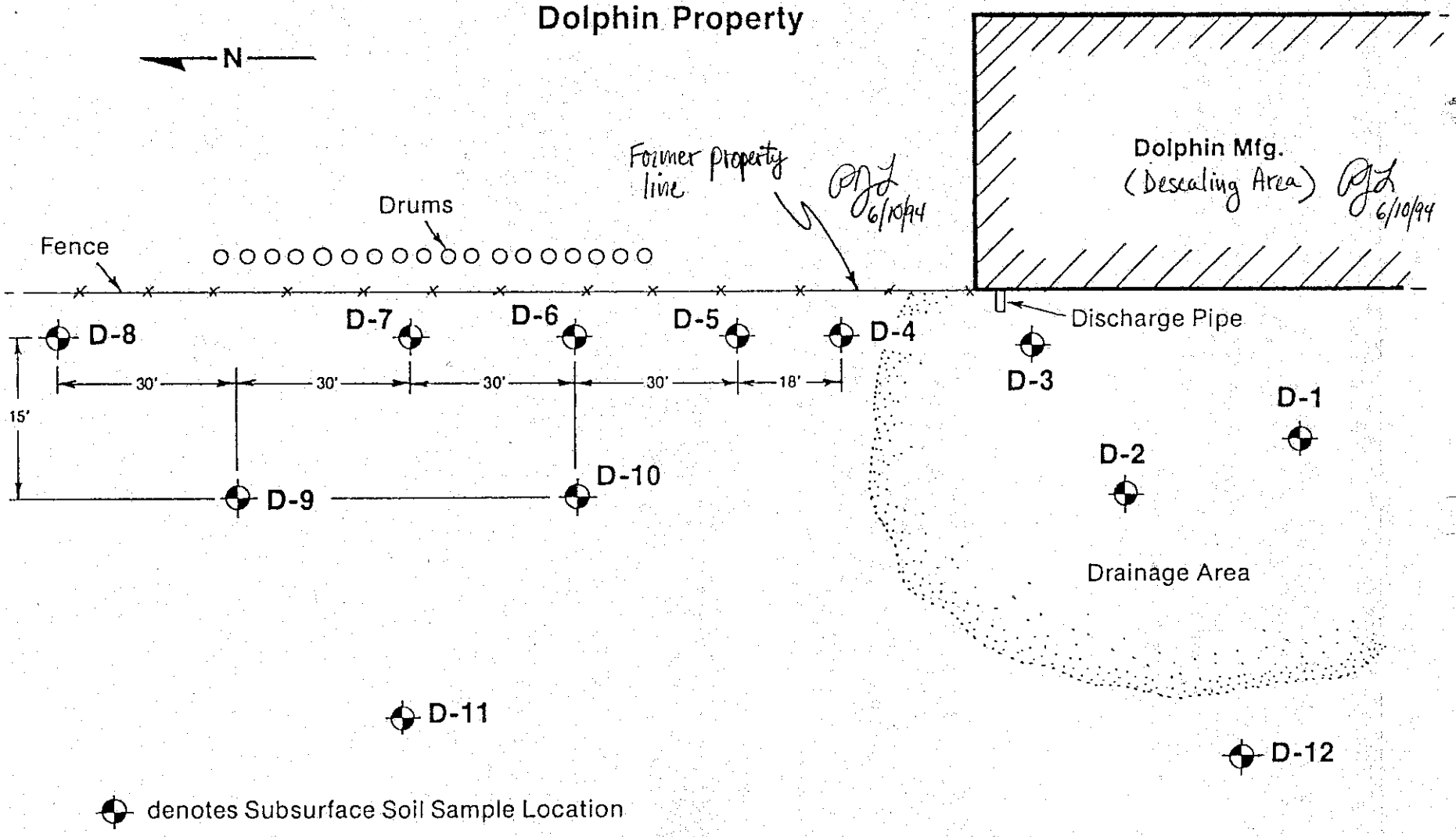
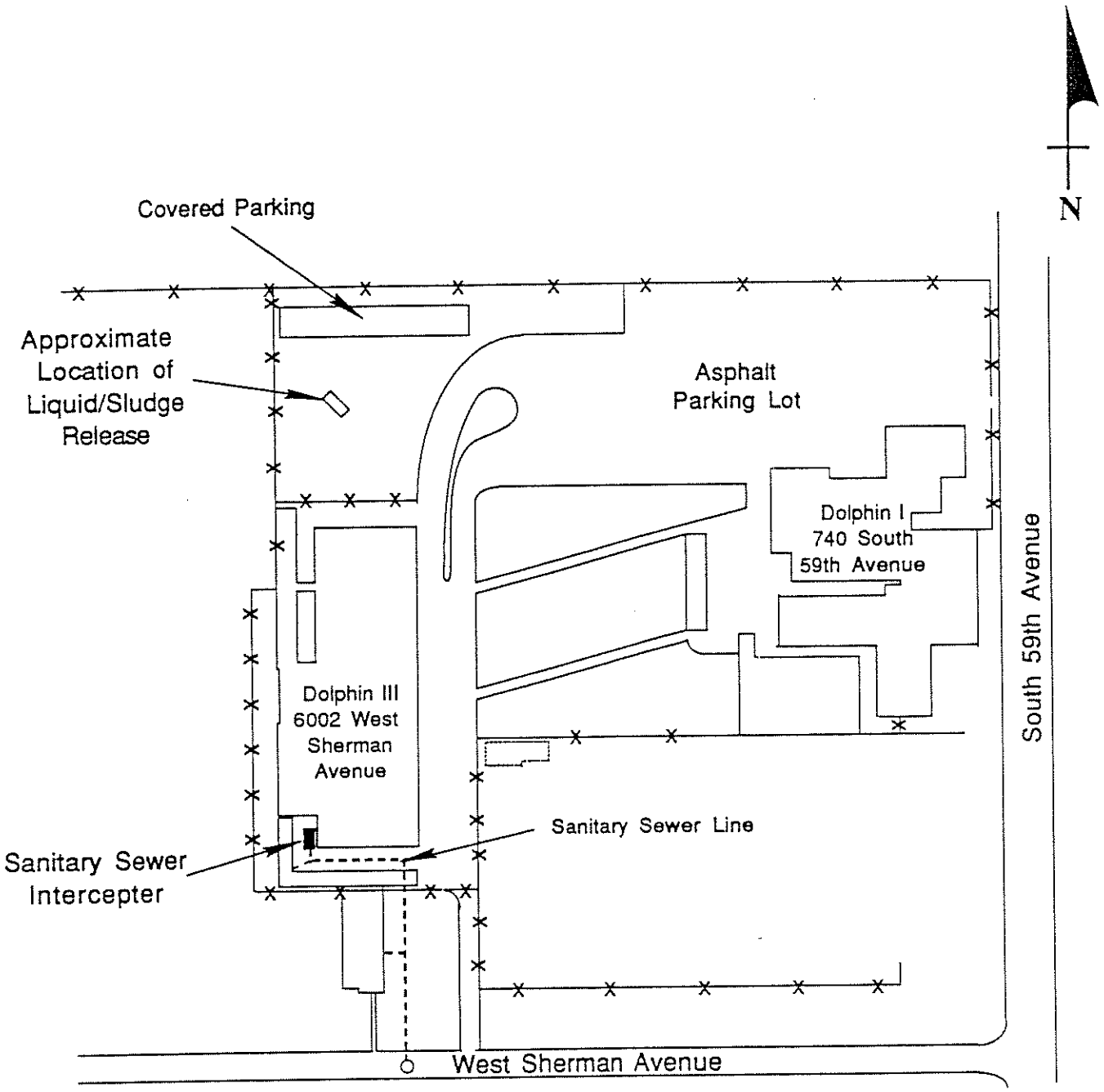
Prepared By Shearon Vaughn Date 7/19/88 Checked By [illegible] Date 7/20/88

Karsten Manufacturing Corp.
Job No. 88076BJ

June 1, 1988

Figure D-3
Site Layout
Dolphin Property





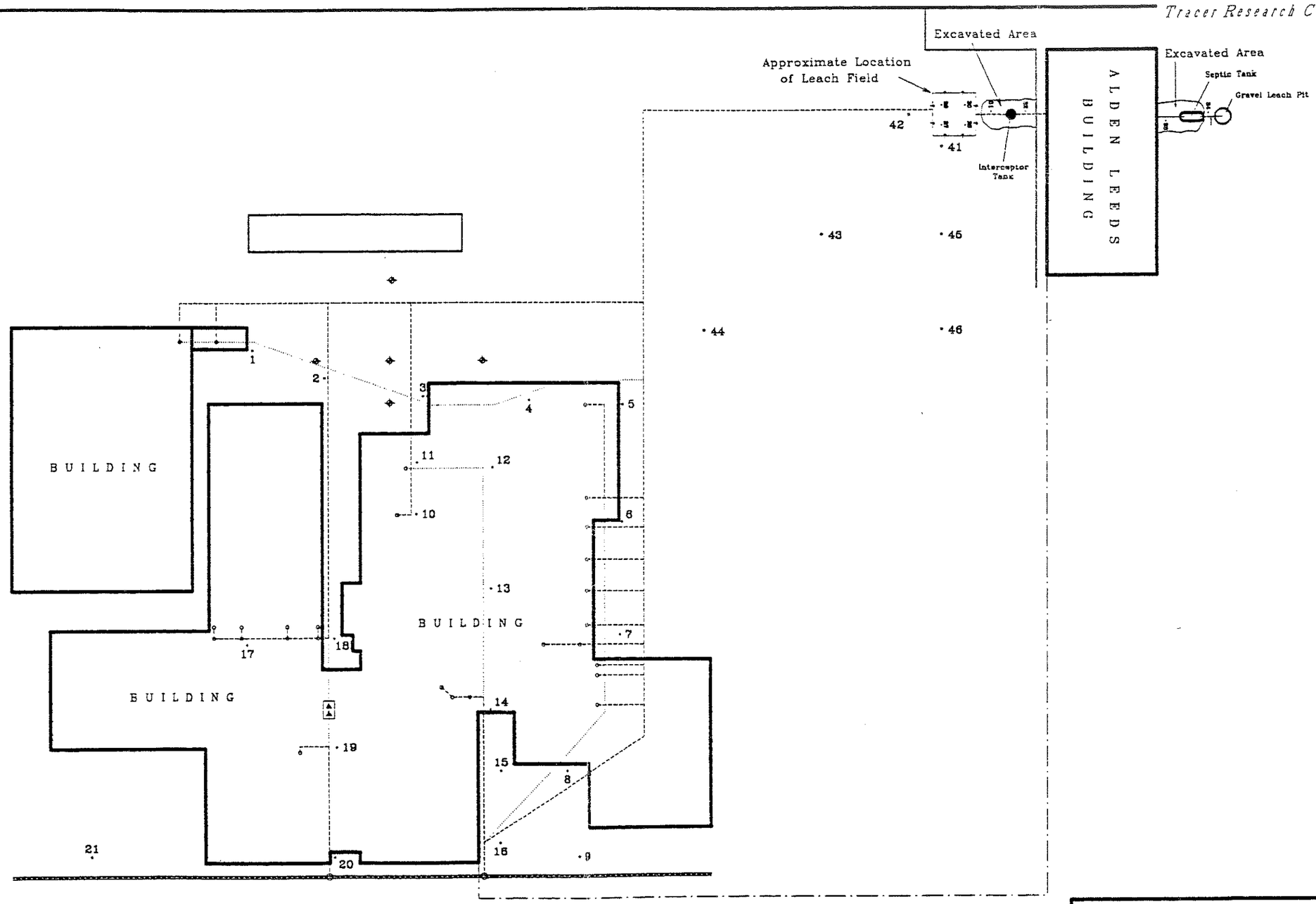
EXPLANATION:

----- Approximate location of sanitary sewer line

0 100 200
APPROXIMATE SCALE IN FEET

CLIENT: DOLPHIN, INC.	LOCATION OF SANITARY SEWER INTERCEPTOR AND LIQUID/SLUDGE RELEASE AT DOLPHIN III	EXHIBIT D-4
FILE NO.: 91-129-001	BASIN & RANGE	DATE: JANUARY 8, 1993

Tracer Research Corporation



1140440S

EXPLANATION

•1 Sampling Probe Location

------- Approximate Pipeline Location

Soil Boring Location

North

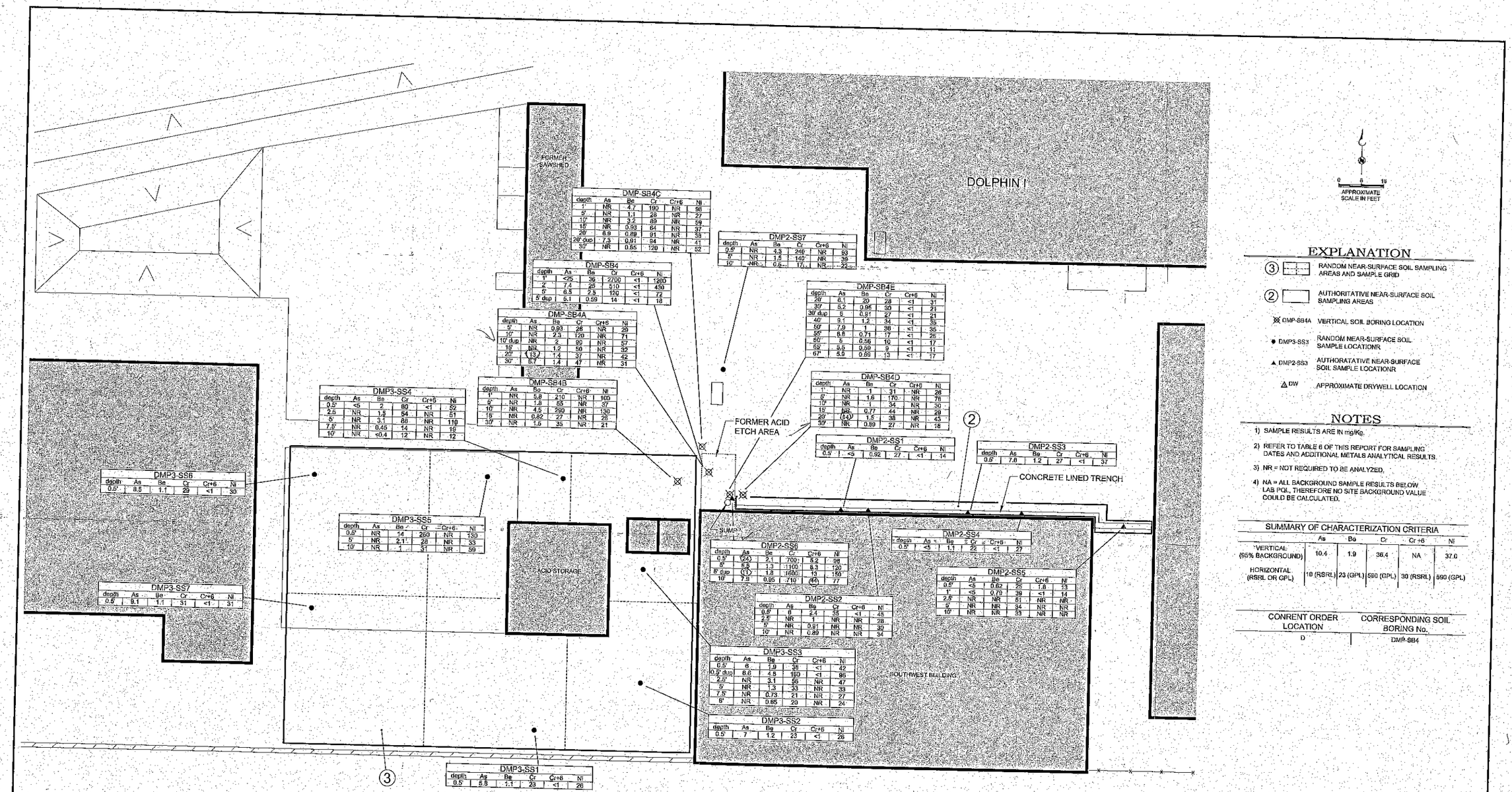
0 25 50
feet

DOLPHIN, INC.

740 South 59TH Avenue
Phoenix, Arizona

SAMPLING LOCATIONS

FIGURE D-5



BROWN AND CALDWELL

P:\Cad\ES\DOLPHIN\8799\F8799106.dwg (1=1) 01-24-02 JCollier

FIGURE D-6

SOIL SAMPLE LOCATION MAP FOR METALS IN SOIL AT THE FORMER ACID ETCH AREA SHOWING METALS CONCENTRATIONS
DOLPHIN, INCORPORATED

740 SOUTH 59th AVENUE
PHOENIX, ARIZONA

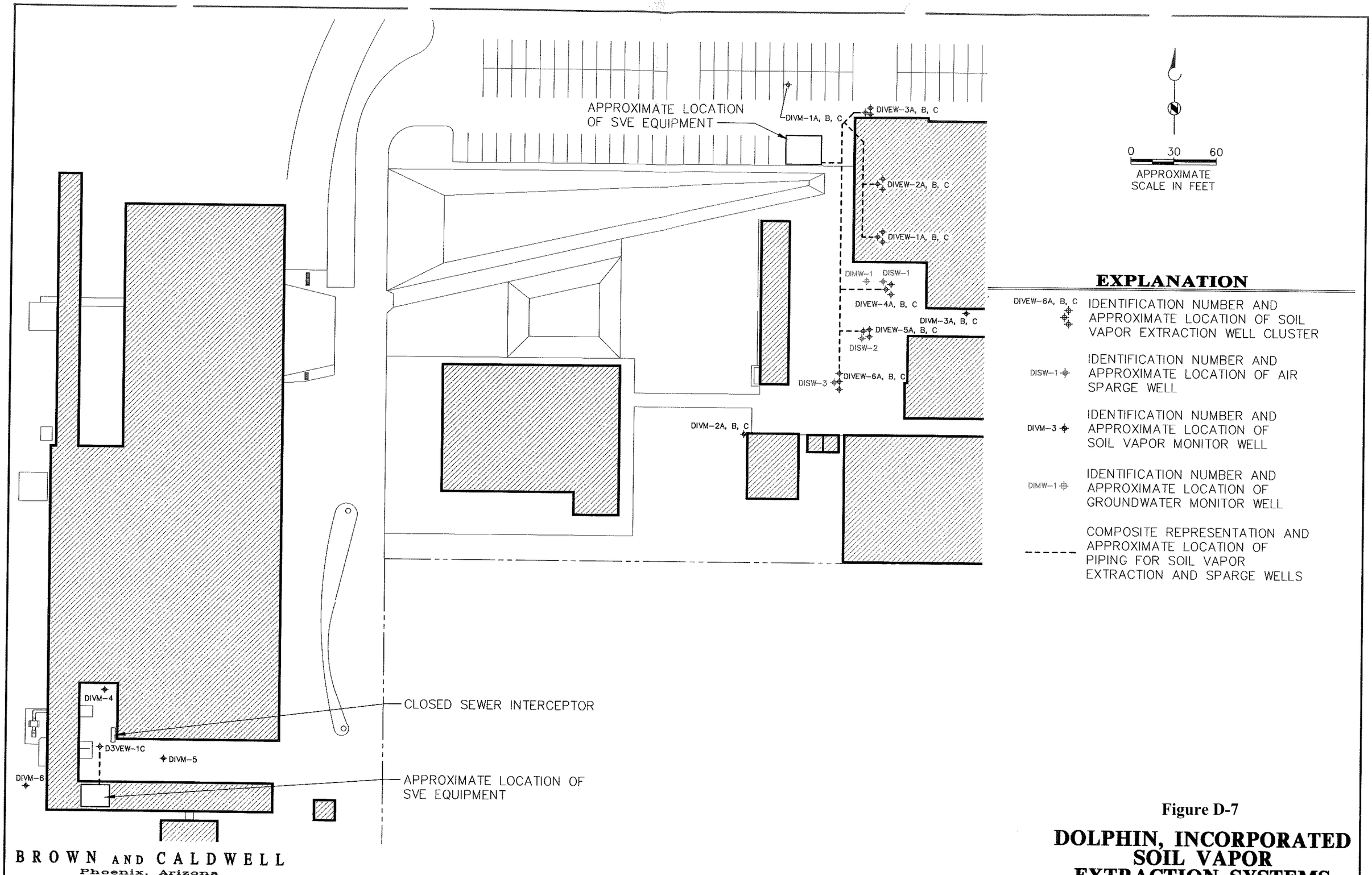


Figure D-7

DOLPHIN, INCORPORATED SOIL VAPOR EXTRACTION SYSTEMS

P:\Cad\ES\DOLPHIN\8799\F8799041.dwg (1=1) 04-27-00 JCollier

Table D-1 Dolphin Inc. Well Information
West Van Buren WQARF Site

WVBA WELL ID	OWNER/FACILITY NAME	FACILITY WELL ID	ADWR #	TOTAL DEPTH (FT BTOC)	CASING DIAMETER (INCHES)	PERFORATED INTERVAL (FT BGS)	MEASURING POINT ELEVATION (FT AMSL)
DIMW-1-70-90	DOLPHIN	DIMW-1-70-90	55-539368	425	2	70-90	1,042.08
DIMW-1-115-125	DOLPHIN	DIMW-1-115-125	55-539368	425	2	115-125	
DIMW-1-160-170	DOLPHIN	DIMW-1-160-170	55-539368	425	2	160-170	
DIMW-1-190-200	DOLPHIN	DIMW-1-190-200	55-539368	425	2	190-200	
DIMW-1-235-245	DOLPHIN	DIMW-1-235-245	55-539368	425	2	235-245	
DIMW-1-270-280	DOLPHIN	DIMW-1-270-280	55-539368	425	2	270-280	
DIMW-1-302-307	DOLPHIN	DIMW-1-302-307	55-539368	425	2	302-307	
DIMW-1-340-350	DOLPHIN	DIMW-1-340-350	55-539368	425	2	340-350	
DIMW-1-380-390	DOLPHIN	DIMW-1-380-390	55-539368	425	2	380-390	
DIMW-1-405-415	DOLPHIN	DIMW-1-405-415	55-539368	425	2	405-415	
DIMW-2-74-104	DOLPHIN	DIMW-2-74-104	55-543945	420	2	74-104	1,042.27
DIMW-2-162-172	DOLPHIN	DIMW-2-162-172	55-543945	420	2	162-172	
DIMW-2-237-247	DOLPHIN	DIMW-2-237-247	55-543945	420	2	237-247	
DIMW-2-340-350	DOLPHIN	DIMW-2-340-350	55-543945	420	2	340-350	
DIMW-2-403-413	DOLPHIN	DIMW-2-403-413	55-543945	420	2	403-413	
DIMW-3-74-104	DOLPHIN	DIMW-3-74-104	55-543946	420	2	74-104	1,041.12
DIMW-3-162-172	DOLPHIN	DIMW-3-162-172	55-543946	420	2	162-172	
DIMW-3-237-247	DOLPHIN	DIMW-3-237-247	55-543946	420	2	237-247	
DIMW-3-340-350	DOLPHIN	DIMW-3-340-350	55-543946	420	2	340-350	
DIMW-3-403-413	DOLPHIN	DIMW-3-403-413	55-543946	420	2	403-413	
DIMW-4A	DOLPHIN	DIMW-4A	55-580425	137	4	81-131	1,040.34
DIMW-5A	DOLPHIN	DIMW-5A	55-580426	137	4	81-131	1,037.56
DIMW-6A	DOLPHIN	DIMW-6A	55-580427	137	4	81-131	1,039.06
DIMW-7A	DOLPHIN	DIMW-7A	55-580428	137	4	81-131	1,040.38
DIMW-8D	DOLPHIN	DIMW-8D	55-580429	420	4	405-415	1,038.68
DIMW-9D	DOLPHIN	DIMW-9D	55-580430	420	4	405-415	1,039.52

Notes:
FT BTOC - Feet Below Top Of Casing
FT BGS - Feet Below Ground Surface
FT AMSL - Feet Above Mean Sea Level

TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS
Basin & Range/ Dolphin I and Dolphin III Sites/ Phoenix, Arizona/ 1140440S
09/22/94

SAMPLE	1,1 DCE µg/L	1,2 DCE µg/L	TCA µg/L	CCl4 µg/L	TCE µg/L	PCE µg/L
AIR	<0.002	<0.03	0.004	<0.0002	<0.0006	0.004
SG-3-5'	20	82	250	<0.9	INT	INT
SG-2-5'	39	10	57	<9	<22	INT
SG-1-5'	<190	<1600	40	<22	<56	INT
SG-4-5'	<190	<1600	<23	<22	<56	INT
SG-5-5'	<190	<1600	<23	<22	<56	INT

INT interference with adjacent peaks

Analyzed by: L. Schenmeyer
Proofed by: K. McWhirter (MA)

Tracer Research Corporation

TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS
Basin & Range/ Dolphin I and Dolphin III Sites/ Phoenix, Arizona/ 1140440S
09/23/94

SAMPLE	1,1 DCE µg/L	1,2 DCE µg/L	TCA µg/L	CCl4 µg/L	TCE µg/L	PCE µg/L
AIR	<0.004	<0.03	<0.0004	<0.0004	<0.0006	0.0008
SG-27-5'	6	<6	<0.09	<0.08	<0.1	710
SG-29-5'	<72	<630	<9	<8	<12	96
SG-30-5'	<14	<130	<2	<2	<2	40
SG-28-5'	<72	<640	<9	<8	<12	170
SG-31-5'	<7	<64	<0.9	<0.8	<1	3
SG-32-5'	2	<6	<0.09	<0.08	<0.1	48
SG-37-5'	<0.07	<0.6	<0.009	<0.008	<0.01	0.2
SG-38-5'	<0.07	<0.6	<0.009	<0.008	<0.01	0.2
SG-39-5'	<0.07	<0.6	<0.009	<0.008	<0.01	0.02
SG-40-5'	<0.04	<0.3	<0.004	<0.004	<0.006	0.02
AIR	<0.004	<0.03	<0.0004	<0.0004	<0.0006	0.004
SG-35-5'	<0.02	<0.2	<0.002	<0.002	<0.003	2
SG-36-5'	<0.07	<0.6	<0.009	<0.008	<0.01	1
SG-34-5'	<4	<32	<0.4	<0.4	<0.6	10
SG-33-5'	<1	<11	<0.1	<0.1	<0.2	6
SG-23-3'	<4	<32	<0.4	<0.4	6	1000

INT interference with adjacent peaks
> = Out of Linear Range / Concentration may be greater

Analyzed by: L. Schenmeyer
Proofed by: K. McWhirter (MS)

TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS
Basin & Range/ Dolphin I and Dolphin III Sites/ Phoenix, Arizona/ 1140440S
09/23/94

SAMPLE	1,1 DCE µg/L	1,2 DCE µg/L	TCA µg/L	CCl4 µg/L	TCE µg/L	PCE µg/L
SG-24-5'	<140	<1300	<18	<17	<25	460
SG-25-5'	<14	<130	<2	<2	<2	370
SG-26-5'	<7	<64	<0.9	<0.8	<1	5
SG-22-5'	<14	<130	<2	<2	<2	940
SG-9-5'	14	<64	<0.9	<0.8	<1	>1600
AIR	<0.004	<0.03	<0.0004	<0.0004	<0.0006	0.01

INT interference with adjacent peaks
> = Out of Linear Range / Concentration may be greater

Analyzed by: L. Schenmeyer
Proofed by: K. McWhirter (MS)

TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS
Basin & Range/ Dolphin I and Dolphin III Sites/ Phoenix, Arizona/ 1140440S
09/26/94

SAMPLE	1,1 DCE µg/L	1,2 DCE µg/L	TCA µg/L	CCl4 µg/L	TCE µg/L	PCE µg/L
AIR	<0.003	<0.03	0.1	<0.0004	0.03	0.09
SG-14-5'	<6	<59	<1	<0.9	<1	14
SG-15-5'	<130	<1200	<20	<18	<23	540
SG-16-5'	<130	<1200	<20	<18	<23	920
SG-13-5'	<13	<120	<2	<2	<2	39
SG-12-5'	<13	<120	<2	<2	<2	6
SG-11-5'	<6	<59	15	<0.9	8	1700
SG-10-5'	<330	<2900	<49	<44	<57	650
SG-8-5'	<330	<2900	<49	<44	<57	380
SG-20-5'	<82	<740	<12	<11	<14	130
SG-21-4'	<13	<120	<2	<2	<2	22
SG-7-5'	<330	<2900	<49	<44	<57	<34
SG-6-5'	<13	<120	<2	<2	<2	440
SG-18-5'	15	<120	12	<2	2	1100
SG-19-5'	<130	<1200	<20	<18	<23	1500
SG-17-5'	<130	<1200	<20	<18	<23	460
AIR	<0.003	<0.03	0.004	0.02	0.06	0.2

INT interference with adjacent peaks

Analyzed by: L. Schenmeyer
Proofed by: K. McWhister (MS)

TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS
Basin & Range/ Dolphin I and Dolphin III Sites/ Phoenix, Arizona/ 1140440S
11/08/94

SAMPLE	TCA µg/L	TCE µg/L	PCE µg/L
AIR	0.004	<0.0004	0.0004
SG-01-5'	42	<44	420
SG-02-5'	33	<44	800
SG-03-5'	33	72	33000
SG-04-4'	<11	<44	770
SG-05-5'	<11	44	5200
AIR	0.004	<0.0004	0.04
SG-41-5'	<11	<44	990
SG-42-5'	<11	<44	300
SG-43-5'	<6	<22	480
SG-44-5'	<6	<22	1800
AIR	0.003	<0.0004	0.0003
SG-45-5'	<11	<44	620
SG-46-5'	<11	<44	250

Analyzed by: S. Norris
Proofed by: M. Stiles

Tracer Research Corporation

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 932101

Sample: Soil

Received: 5-31-88

Marked: Sample #D1-1'
Job # 88076BJ
Dolphin Plant
5-31-88 @ 1247

Submitted by:
Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 932101

Sample: Soil

Received: 5-31-88

Marked: Sample #D1-1'Lab Dup
Job # 88076BJ
Dolphin Plant
5-31-88 @ 1247

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 7-21-88

Lab. No.: 932102

Sample: Soil

Received: 5-31-88

Submitted by: Same

Marked: Sample #D1-5'
Job # 88076BJ
Dolphin Plant
5-31-88 @1254

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

< = less than

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Robert J. Drake

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 7-11-88

Lab. No.: 932106

Sample: Soil

Received: 5-31-88

Submitted by: Same

Marked: Sample #D1-25'
Job # 88076BJ
Dolphin Plant
5-31-88 @1332

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Steven Hankins

Steven Hankins

Arizona Testing Laboratories

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 7-11-88

Lab. No.: 932106

Sample: Soil

Received: 5-31-88

Submitted by: Same

Marked: Sample #D1-25' Lab Dup
Job # 88076BJ
Dolphin Plant
5-31-88 @1332

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Steven Hankins

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Arizona Testing Laboratories

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3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 932107

Sample: Soil

Received: 5-31-88

Marked: Sample #D2-1'
Job # 88076BJ
Dolphin Plant
5-31-88 @ 1405

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 932108

Sample: Soil

Received: 5-31-88

Submitted by: Same

Marked: Sample #D2-5'
Job # 88076BJ
Dolphin Plant
5-31-88 @ 1411

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 7-11-88

Lab. No.: 932112

Sample: Soil

Received: 5-31-88

Submitted by: Same

Marked: Sample #D2-25'
Job # 88076BJ
Dolphin Plant
5-31-88 @1445

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Steven Hankins

Steven Hankins

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 7-11-88

Lab. No.: 932112

Sample: Soil

Received: 5-31-88

Marked: Sample D2-25'
Job # 88076BJ
Dolphin Plant
12-31-88, @1445

Submitted by:
Same

REPORT OF LABORATORY TESTS

Method 8010	Spike % Recovery
Chloromethane	---
Bromomethane	---
Vinyl chloride	---
Chloroethane	---
Methylene chloride	---
1,1-Dichloroethene	---
1,1-Dichloroethane	---
trans-1,2-Dichloroethene	---
Chloroform	80 %
1,2-Dichloroethane	103 %
1,1,1-Trichloroethane	98 %
Carbon tetrachloride	100 %
Bromodichloromethane	88 %
1,2-Dichloropropane	---
trans-1,2-Dichloropropene	---
Trichloroethylene	97 %
Dibromochloromethane	84 %
1,1,2-Trichloroethane	---
cis-1,3-Dichloropropene	---
2-Chloroethylvinyl ether	---
Bromoform	86 %
1,1,2,2-Tetrachloroethane	---
Tetrachloroethylene	96 %
Chlorobenzene	---
1,3-Dichlorobenzene	---
1,2-Dichlorobenzene	---
1,4-Dichlorobenzene	---

Respectfully submitted,

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
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Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 932113

Sample: Soil

Received: 5-31-88

Submitted by: Same

Marked: Sample #D3-1'
Job # 88076BJ
Dolphin Plant
5-31-88 @ 1511

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	45.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
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Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 932114

Sample: Soil

Received: 5-31-88

Submitted by: Same

Marked: Sample #D3-5'
Job # 88076BJ
Dolphin Plant
5-31-88 @ 1517

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	45.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
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Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 932114

Sample: Soil

Received: 5-31-88

Marked: Sample #D3-5'
Job # 88076BJ
Dolphin Plant
5-31-88 @ 1517

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010	14 Spike % Recovery
Chloromethane	---
Bromomethane	---
Vinyl chloride	---
Chloroethane	---
Methylene chloride	---
1,1-Dichloroethene	---
1,1-Dichloroethane	---
trans-1,2-Dichloroethene	---
Chloroform	116 %
1,2-Dichloroethane	---
1,1,1-Trichloroethane	---
Carbon tetrachloride	---
Bromodichloromethane	107 %
1,2-Dichloropropane	---
trans-1,2-Dichloropropene	---
Trichloroethylene	100 %
Dibromochloromethane	75 %
1,1,2-Trichloroethane	---
cis-1,3-Dichloropropene	---
2-Chloroethylvinyl ether	---
Bromoform	---
1,1,2,2-Tetrachloroethane	---
Tetrachloroethylene	80 %
Chlorobenzene	---
1,3-Dichlorobenzene	---
1,2-Dichlorobenzene	---
1,4-Dichlorobenzene	---

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 932115

Sample: Soil

Received: 5-31-88

Marked: Sample #D3-10'
Job # 88076BJ
Dolphin Plant
5-31-88 @ 1525

Submitted by:
Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 7-11-88

Lab. No.: 932118

Sample: Soil

Received: 5-31-88

Submitted by: Same

Marked: Sample #D3-25'
Job # 88076BJ
Dolphin Plant
5-31-88 @1549

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Steven Hankins

Steven Hankins

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 935001

Sample: Soil

Received: 6-1-88

Marked: Sample #D4-1'
Job # 88076BJ
6-1-88, @0726
D4-1 Foot Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	16.0	
1,1-Dichloroethane	30.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 935002

Sample: Soil

Received: 6-1-88

Marked: Sample #D4-5'
Job # 88076BJ
D4-5 Foot Deep
6-1-88, @0730

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 7-11-88

Lab. No.: 935006

Sample: Soil

Received: 6-1-88

Marked: Sample #D4-25'
Job # 88076BJ
6-1-88, @0801
D4-25' Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Steven Hankins

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
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Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 935006

Sample: Soil

Received: 6-1-88

Submitted by: Same

Marked: Sample #D4-25'
Job # 88076BJ
6-1-88, @0801
D4-25' Deep

REPORT OF LABORATORY TESTS

Method 8010	% Spike Recovery
Chloromethane	---
Bromomethane	---
Vinyl chloride	---
Chloroethane	---
Methylene chloride	---
1,1-Dichloroethene	---
1,1-Dichloroethane	---
trans-1,2-Dichloroethene	---
Chloroform	88 %
1,2-Dichloroethane	94 %
1,1,1-Trichloroethane	103 %
Carbon tetrachloride	94 %
Bromodichloromethane	85 %
1,2-Dichloropropane	---
trans-1,2-Dichloropropene	---
Trichloroethylene	100 %
Dibromochloromethane	84 %
1,1,2-Trichloroethane	---
cis-1,3-Dichloropropene	---
2-Chloroethylvinyl ether	---
Bromoform	82 %
1,1,2,2-Tetrachloroethane	---
Tetrachloroethylene	80 %
Chlorobenzene	---
1,3-Dichlorobenzene	---
1,2-Dichlorobenzene	---
1,4-Dichlorobenzene	---

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Steven Hankins

Steven Hankins

Arizona Testing Laboratories

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 935007

Sample: Soil

Received: 6-1-88

Submitted by: Same

Marked: Sample #D5-1'
Job # 88076BJ
6-1-88, @0818
D5-1 Foot Deep

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
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Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 935008

Sample: Soil

Received: 6-1-88

Marked: Sample #D5-5'
Job # 88076BJ
6-1-88, @0822
D5-5 Foot Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 7-11-88

Lab. No.: 935012

Sample: Soil

Received: 6-1-88

Marked: Sample #D5-25'
Job # 88076BJ
6-1-88, @0854
D5-25' Deep

Submitted by:
Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Steven Hankins

< = less than

Steven Hankins

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 7-11-88

Lab. No.: 935012

Sample: Soil

Marked: Sample #D5-25' Lab Dup

Received: 6-1-88

Job # 88076BJ
6-1-88, @0854
D5-25' Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

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Steven Hankins

< = less than

Steven Hankins

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 935013

Sample: Soil

Received: 6-1-88

Marked: Sample #D6-1'
Job # 88076BJ
6-1-88, @0911
D6-1 Foot Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

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Robert J. Drake

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817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 935014

Sample: Soil

Received: 6-1-88

Submitted by: Same

Marked: Sample #D6-5'
Job # 88076BJ
6-1-88, @0916
D6-5 Foot Deep

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

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Robert J. Drake

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 935014

Sample: Soil

Received: 6-1-88

Marked: Sample #D6-5'
Job # 88076BJ
6-1-88, @0916
D6-5 Foot Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010	14 Spike Recovery %
Chloromethane	---
Bromomethane	---
Vinyl chloride	---
Chloroethane	---
Methylene chloride	---
1,1-Dichloroethene	---
1,1-Dichloroethane	---
trans-1,2-Dichloroethene	---
Chloroform	---
1,2-Dichloroethane	90 %
1,1,1-Trichloroethane	115 %
Carbon tetrachloride	107 %
Bromodichloromethane	68 %
1,2-Dichloropropane	---
trans-1,2-Dichloropropene	---
Trichloroethylene	100 %
Dibromochloromethane	112 %
1,1,2-Trichloroethane	---
cis-1,3-Dichloropropene	---
2-Chloroethylvinyl ether	---
Bromoform	100 %
1,1,2,2-Tetrachloroethane	---
Tetrachloroethylene	67 %
Chlorobenzene	---
1,3-Dichlorobenzene	---
1,2-Dichlorobenzene	---
1,4-Dichlorobenzene	---

Respectfully submitted,

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Robert J. Drake

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 7-11-88

Lab. No.: 935018

Sample: Soil

Received: 6-1-88

Marked: Sample #D6-25'
Job # 88076BJ
6-1-88, @0959
D6-25' Deep

Submitted by:
Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

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Steven Hankins

Arizona Testing Laboratories

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 935019

Sample: Soil

Received: 6-1-88

Marked: Sample #D7-1'
Job # 88076BJ
6-1-88, @1055
D7-1 Foot Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

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817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 935020

Sample: Soil

Received: 6-1-88

Marked: Sample #D7-5'
Job # 88076BJ
6-1-88, @1055
D7-5 Foot Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 7-11-88

Lab. No.: 935024

Sample: Soil

Received: 6-1-88

Submitted by: Same

Marked: Sample #D7-25'
Job # 88076BJ
6-1-88, @1136
D7-25' Deep

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Steven Hankins

< = less than

Steven Hankins

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 935025

Sample: Soil

Received: 6-1-88

Marked: Sample #D8-1'
Job # 88076BJ
6-1-88, @1055
D8-1 Foot Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 935026

Sample: Soil

Received: 6-1-88

Marked: Sample #D8-5'
Job # 88076BJ
6-1-88, @1055
D8-5 Foot Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 7-11-88

Lab. No.: 935030

Sample: Soil

Received: 6-1-88

Marked: Sample #D8-25'
Job # 88076BJ
6-1-88, @1227
D8-25' Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

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For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 935031

Sample: Soil

Received: 6-1-88

Marked: Sample #D9-1'
Job # 88076BJ
6-1-88, @1243
D9-1 Foot Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 935032

Sample: Soil

Received: 6-1-88

Marked: Sample #D9-5'
Job # 88076BJ
6-1-88, @1246
D9-5 Foot Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 7-11-88

Lab. No.: 935036

Sample: Soil

Received: 6-1-88

Marked: Sample #D9-25'
Job # 88076BJ
6-1-88, @1322
D9-25' Deep

Submitted by:
Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Steven Hankins

< = less than

Steven Hankins

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 935037

Sample: Soil

Received: 6-1-88

Marked: Sample #D10-1'
Job # 88076BJ
6-1-88, @1350
D10-1 Foot Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 935038

Sample: Soil

Received: 6-1-88

Marked: Sample #D10-5'
Job # 88076BJ
6-1-88, @1355
D10-5 Foot Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 935038

Sample: Soil

Received: 6-1-88

Submitted by: Same

Marked: Sample #D10-5' Lab Dup
Job # 88076BJ
6-1-88, @1355
D10-5 Foot Deep

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 7-11-88

Lab. No.: 935041

Sample: Soil

Received: 6-1-88

Submitted by: Same

Marked: Sample #D10-25'
Job # 88076BJ
6-1-88, @1429
D10-25' Deep

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Steven Hankins

< = less than

Steven Hankins

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 940101

Sample: Soil

Received: 6-1-88

Marked: Sample #D11-1
Job # 88076BJ
6-3-88, @0621
D11-1 Foot Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-21-88

Lab. No.: 940102

Sample: Soil

Received: 6-1-88

Marked: Sample #D11-5
Job # 88076BJ
6-3-88, @0626
D11-5 Foot Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 7-19-88

Lab. No.: 940106

Sample: Soil

Received: 6-1-88

Submitted by: Same

Marked: Sample #D11-25'
Job # 88076BJ
6-3-88, @0702
D11-25' Foot Deep

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-22-88

Lab. No.: 937401

Sample: Soil

Received: 6-1-88

Marked: Sample #D12-1
Job # 88076BJ
6-2-88, @0731
D12 - 1 Foot Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

Arizona Testing Laboratories

817 West Madison · Phoenix, Arizona 85007 · Telephone 254-6181

For: Scott, Allard & Bohannan, Inc.
Attn: Mr. Bob Bohannan
3001 West Indian School, Suite 212
Phoenix, Arizona 85017

Date: 6-22-88

Lab. No.: 937402

Sample: Soil

Received: 6-1-88

Marked: Sample #D12-5
Job # 88076BJ
6-2-88, @0737
D12 - 5 Foot Deep

Submitted by: Same

REPORT OF LABORATORY TESTS

Method 8010

Chloromethane	< 10.0	ug/kg
Bromomethane	< 10.0	
Vinyl chloride	< 10.0	
Chloroethane	< 10.0	
Methylene chloride	< 10.0	
1,1-Dichloroethene	< 10.0	
1,1-Dichloroethane	< 10.0	
trans-1,2-Dichloroethene	< 10.0	
Chloroform	< 10.0	
1,2-Dichloroethane	< 10.0	
1,1,1-Trichloroethane	< 10.0	
Carbon tetrachloride	< 10.0	
Bromodichloromethane	< 10.0	
1,2-Dichloropropane	< 10.0	
trans-1,2-Dichloropropene	< 10.0	
Trichloroethylene	< 10.0	
Dibromochloromethane	< 10.0	
1,1,2-Trichloroethane	< 10.0	
cis-1,3-Dichloropropene	< 10.0	
2-Chloroethylvinyl ether	< 10.0	
Bromoform	< 10.0	
1,1,2,2-Tetrachloroethane	< 10.0	
Tetrachloroethylene	< 10.0	
Chlorobenzene	< 10.0	
1,3-Dichlorobenzene	< 10.0	
1,2-Dichlorobenzene	< 10.0	
1,4-Dichlorobenzene	< 10.0	

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Robert J. Drake

JOB NO.	PROJECT NAME
88076BJ	Environmental Audit - KMC

SAMPLERS: (SIGNATURE) Brad H. Chastain

SAMPLE IDENT.	DATE	TIME	COMP	GRAB	SAMPLE LOCATION	NUMBER OF CONTAINERS	VACSAM	SOIL SCOOP	SOIL AUGER	SPLIT-SPOON			REMARKS (PHYSICAL APPEARANCE, etc.)	LAB I.D.
D1-1'	12-31-88	12:47		X	Delphin Plant	1				X			Clayey sand, sandy clay, moist	
D1-5'	"	12:54		X	"	1				X				
D1-10'	"	1:04p		X	"	1				X				
D1-15'	"	1:13p		X	"	1				X				
D1-20'	"	1:20p		X	"	1				X			moist	
D1-25'	"	1:32p		X	"	1				X				
D2-1'	"	2:05p		X	"	1				X				
D2-5'	"	2:11p		X	"	1				X				
D2-10'	"	2:17p		X	"	1				X				
D2-15'	"	2:24p		X	"	1				X				
D2-20'	"	2:37p		X	"	1				X				
D2-25'	"	2:45p		X	"	1				X				
D3-1'	"	3:11p		X	"	1				X				
D3-5'	"	3:17p		X	"	1				X				
D3-10'	"	3:25p		X	"	1				X				

RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)
Brad Chastain	5-31-88 4:50	Peter Hinrichs			
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)	DATE/TIME	REMARKS	

SCOTT, ALLARD & BOHANNAN, INC.
ENVIRONMENTAL & CHEMICAL CONSULTANTS

3001 W. Indian School Rd., Ste. 212
Phoenix, Arizona 85017

Telephone:
(602) 263-0045

JOB NO.	PROJECT NAME
88076BJ	Environmental Audit - KMC

SAMPLERS: (SIGNATURE) Brad H. Chastain

SAMPLE IDENT.	DATE	TIME	COMP	GRAB	SAMPLE LOCATION	NUMBER OF CONTAINERS	VACUUM	SOIL SCOOP	SOIL AUGER	SPLIT-SPOON			REMARKS (PHYSICAL APPEARANCE, etc.)	LAB I.D.
D4-1'	6-1-88	7:26a		x	D4 - 1 foot deep	1				x				
D4-5'	"	7:30a		x	D4 - 5 " "	1				x				
D4-10'	"	7:37a		x	D4 - 10 " "	1				x				
D4-15'	"	7:43a		x	D4 - 15 " "	1				x				
D4-20'	"	7:52a		x	D4 - 20 " "	1				x				
D4-25'	"	8:01a		x	D4 - 25 " "	1				x				
D5-1'	"	8:18a		x	D5 - 1 " "	1				x				
D5-5'	"	8:22a		x	D5 - 5 " "	1				x				
D5-10'	"	8:29a		x	D5 - 10 " "	1				x				
D5-15'	"	8:38a		x	D5 - 15 " "	1				x				
D5-20'	"	8:46a		x	D5 - 20 " "	1				x				
D5-25'	"	8:54a		x	D5 - 25 " "	1				x				
D6-1'	"	9:11a		x	D6 - 1 " "	1				x				
D6-5'	"	9:16a		x	D6 - 5 " "	1				x				
D6-10'	"	9:32a		x	D6 - 10 " "	1				x				

RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)
B. Chastain	6-1-88 3:15p				
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) Steven L. Hoppe	DATE/TIME	REMARKS	

SCOTT, ALLARD & BOHANNAN, INC.
ENVIRONMENTAL & CHEMICAL CONSULTANTS

3001 W. Indian School Rd., Ste. 212
Phoenix, Arizona 85017

Telephone:
(602) 263-0045

JOB NO.	PROJECT NAME
88076BJ	Environmental Audit - KMC

SAMPLERS: (SIGNATURE) Brad H. Chastain

SAMPLE IDENT.	DATE	TIME	COMP	GRAB	SAMPLE LOCATION	NUMBER OF CONTAINERS	VACSAM	SOIL SCOOP	SOIL AUGER	SPLIT-SPOON			REMARKS (PHYSICAL APPEARANCE, etc.)	LAB I.D.
							SAMPLING METHOD							
D3-15'	12-31-88	3:31p		X	Dolphin	1				X				
D3-20'	"	3:41p		X	"	1				X				
D3-25'	"	3:49p		X	"	1				X				

RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)
Brad H. Chastain	5-31-88 4:50p	Brad H. Chastain			
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)	DATE/TIME	REMARKS	

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Phoenix, Arizona 85017

Telephone:
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JOB NO.	PROJECT NAME
88076BJ	Environmental Audit - KMC

SAMPLERS: (SIGNATURE) Brad H. Chastain

SAMPLE IDENT.	DATE	TIME	COMP	GRAB	SAMPLE LOCATION	NUMBER OF CONTAINERS	VACSAM	SOIL SCOOP	SOIL AUGER	SPLIT-SPOON			REMARKS (PHYSICAL APPEARANCE, etc.)	LAB I.D.
D6-15'	6-1-88	9:41a		X	D6 - 15 feet deep	1				X				
D6-20'	"	9:51a		X	D6 - 20 " "	1				X				
D6-25'	"	9:59a		X	D6 - 25 " "	1				X				
D7-1'	"	10:55a		X	D7 - 1 " "	1				X				
D7-5'	"	11:01a		X	D7 - 5 " "	1				X				
D7-10'	"	11:08a		X	D7 - 10 " "	1				X				
D7-15'	"	11:16a		X	D7 - 15 " "	1				X				
D7-20'	"	11:26a		X	D7 - 20 " "	1				X				
D7-25'	"	11:36a		X	D7 - 25 " "	1				X				
D8-1'	"	11:53a		X	D8 - 1 " "	1				X				
D8-5'	"	11:56a		X	D8 - 5 " "	1				X				
D8-10'	"	12:02p		X	D8 - 10 " "	1				X				
D8-15'	"	12:10p		X	D8 - 15 " "	1				X				
D8-20'	"	12:19p		X	D8 - 20 " "	1				X				
D8-25'	"	12:27p		X	D8 - 25 " "	1				X				

RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)
B. Chastain	6-1-88 3:15p				
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)	DATE/TIME	REMARKS	
		Steven P. Hoppe			

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Phoenix, Arizona 85017

Telephone:
(602) 263-0045

JOB NO.	PROJECT NAME
88076BJ	Environmental Audit - KMC

SAMPLERS: (SIGNATURE) Brad H. Chastain

SAMPLE IDENT.	DATE	TIME	COMP	GRAB	SAMPLE LOCATION	NUMBER OF CONTAINERS	VACSAM	SOIL SCOOP	SOIL AUGER	SPLIT-SPOON			REMARKS (PHYSICAL APPEARANCE, etc.)	LAB I.D.
D9-1'	6-1-88	12:43p		X	D9 - 1 foot deep	1				X				
D9-5'	"	12:46p		X	D9 - 5 " "	1				X				
D9-10'	"	12:53p		X	D9 - 10 " "	1				X				
D9-15'	"	1:02p		X	D9 - 15 " "	1				X				
D9-20'	"	1:12p		X	D9 - 20 " "	1				X				
D9-25'	"	1:22p		X	D9 - 25 " "	1				X				
D10-1'	"	1:50p		X	D10 - 1 " "	1				X				
D10-5'	"	1:55p		X	D10 - 5 " "	1				X				
D10-10'	"	2:03p		X	D10 - 10 " "	1				X				
D10-15'	"	2:10p		X	D10 - 15 " "	1				X				
~~D10-20'~~	~~"~~			~~X~~	~~D10-20 " "~~	~~1~~				~~X~~			no recovery	
D10-25'	"	2:29p		X	D10 - 25 " "	1				X				

RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)
B. Chastain	6-1-88 3:15p				
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)	DATE/TIME	REMARKS	
		Steven L. Hoppe			

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Phoenix, Arizona 85017

Telephone:
(602) 263-0045

JOB NO.	PROJECT NAME
88076BJ	Environmental Audit - KMC

SAMPLERS: (SIGNATURE) Brad H. Chrostein

SAMPLE IDENT.	DATE	TIME	COMP	GRAB	SAMPLE LOCATION	NUMBER OF CONTAINERS	VACUUM	SOIL SCOOP	SOIL AUGER	SPLIT-SPOON			REMARKS (PHYSICAL APPEARANCE, etc.)	LAB I.D.
D-11-1'	6-3-88	6:21a		X	D11 - 1 foot deep	1				X			8010	
D11-5'	"	6:26a		X	D11 - 5 " "	1				X			8010	
D11-10'	"	6:32a		X	D11 - 10 " "	1				X				
D11-15'	"	6:39a		X	D11 - 15 " "	1				X				
D11-20'	"	6:53a		X	D11 - 20 " "	1				X				
D11-25'	"	7:02a		X	D11 - 25 " "	1				X				

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) B. Chrostein	DATE/TIME 6-3-88 2:14p	RECEIVED FOR LABORATORY BY (SIGNATURE) B. Glauber	DATE/TIME 6-3-88 2:25	REMARKS	

SCOTT, ALLARD & BOHANNAN, INC.
ENVIRONMENTAL & CHEMICAL CONSULTANTS

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Phoenix, Arizona 85017

Telephone:
(602) 263-0045

JOB NO.	PROJECT NAME
88076 BJ	Environmental Audit - KMC
SAMPLERS: (SIGNATURE)	Brad H. Chastain

SAMPLE IDENT.	DATE	TIME	COMP	GRAB	SAMPLE LOCATION	NUMBER OF CONTAINERS	VACSAM	SOIL SCOOP	SOIL AUGER	SPLIT-SPOON			REMARKS (PHYSICAL APPEARANCE, etc.)	LAB I.D.
D12-1'	6-2-88	7:31a		x	D12 - 1 foot deep	1				x				
D12-5'	"	7:37a		x	D12 - 5 " "	1				x				
D12-10'	"	7:43a		x	D12 - 10 " "	1				x				
D12-15'	"	7:50a		x	D12 - 15 " "	1				x				
D12-20'	"	7:58a		x	D12 - 20 " "	1				x				
D12-25'	"	8:04a		x	D12 - 25 " "	1				x				

RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)
B. Chastain	6-2-88 1:52p				
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)	DATE/TIME	REMARKS	
		Steven P. Hoppe			

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Telephone:
(602) 263-0045

Analytical Technologies, Inc. 9830 S. 51st Street Suite B-113 Phoenix, AZ 85044 (602) 496-4400

Attorney - Client Privileged Work Product

ATI I.D. 210648

November 2, 1992

Allen, Kimerer, & LaVelle
2715 North Third Street
Phoenix, AZ 85004

Project Name/Number: 91-129-01

Attention: Michael D. Kimerer

On 10/09/92, Analytical Technologies, Inc. received a request to analyze **soil & non-aqueous** sample(s). The sample(s) were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

D indicates the compound was analyzed at a greater dilution.

The results reported for TCLP analyses are the actual values, and are not corrected for matrix spike recovery bias. The matrix spike recovery results for TCLP analyses are included in this report.

If you have any questions or comments, please do not hesitate to contact us at (602) 496-4400.

M. Barry

Michael G. Barry
Project Manager

Robert V. Woods

Robert V. Woods
Laboratory Manager

RVW:clf
Enclosure

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

CLIENT : ALLEN, KIMERER & LAVELLE
PROJECT # : 91-129-01
PROJECT NAME : (NONE)

DATE RECEIVED : 10/09/92
REPORT DATE : 11/02/92

ATI I.D. : 210648

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	129-SS-5	SOIL	10/08/92
02	129-SS-6	SOIL	10/08/92
03	129-SS-7	SOIL	10/08/92
04	129-SS-8	SOIL	10/08/92
05	129-BC-1	SOIL	10/08/92
06	129-BC-2	SOIL	10/08/92
07	129-BC-3	SOIL	10/08/92
08	129-BG-1	SOIL	10/08/92
09	129-KT-1	NON-AQUEOUS	10/09/92

----- TOTALS -----

MATRIX	# SAMPLES
SOIL	8
NON-AQUEOUS	1

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

GENERAL CHEMISTRY RESULTS

ATI I.D. : 210648

CLIENT : ALLEN, KIMERER & LAVELLE
PROJECT # : 91-129-01
PROJECT NAME : (NONE)

DATE RECEIVED : 10/09/92
REPORT DATE : 11/02/92

PARAMETER	UNITS	01	02	03	04	05
PAINT FILTER LIQUIDS TEST	ML	-	-	-	-	0.0
PETROLEUM HYDROCARBONS, IR	MG/KG	<20	<20	<20	<20	11000

Analytical Technologies, Inc.

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GENERAL CHEMISTRY RESULTS

ATI I.D. : 210648

CLIENT : ALLEN, KIMERER & LAVELLE
PROJECT # : 91-129-01
PROJECT NAME : (NONE)

DATE RECEIVED : 10/09/92
REPORT DATE : 11/02/92

PARAMETER	UNITS	06	07	08	09
OIL & GREASE, IR	MG/KG	-	-	-	200
PAINT FILTER LIQUIDS TEST	ML	0.0	0.0	-	-
PETROLEUM HYDROCARBONS, IR	MG/KG	40	680	<20	-
PH	UNITS	-	-	-	12.5

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Analytical Technologies, Inc.

GENERAL CHEMISTRY - QUALITY CONTROL

CLIENT : ALLEN, KIMERER & LAVELLE
PROJECT # : 91-129-01
PROJECT NAME : (NONE)

ATI I.D. : 210648

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
OIL & GREASE, IR	MG/KG	21064809	200	210	5	410	210	100
PAINT FILTER LIQUIDS	ML	21073901	0.0	0.0	0	NA	NA	NA
PETROLEUM HYDROCARBONS	MG/KG	21064801	<20	<20	NA	200	210	95
PH	UNITS	21065603	8.5	8.4	1	NA	NA	NA

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

METALS RESULTS

ATI I.D. : 210648

CLIENT : ALLEN, KIMERER & LAVELLE
PROJECT # : 91-129-01
PROJECT NAME : (NONE)

DATE RECEIVED : 10/09/92
REPORT DATE : 11/02/92

PARAMETER	UNITS	01	02	03	04	08
SILVER	MG/KG	<0.5	<0.5	<0.5	<0.5	<0.5
ALUMINUM	MG/KG	11200	13200	12600	11500	10600
ARSENIC	MG/KG	<5	<5	<5	<5	<5
BARIUM	MG/KG	113	128	150	103	149
CADMIUM	MG/KG	<0.3	<0.3	<0.3	<0.3	0.3
CHROMIUM	MG/KG	19.7	22.0	19.1	18.6	17.1
COPPER	MG/KG	22.5	26.7	24.2	23.6	21.6
NICKEL	MG/KG	29.5	31.4	30.8	29.0	27.5
LEAD	MG/KG	9	11	10	9	7
SELENIUM	MG/KG	<5	<5	<5	<5	<5

Analytical Technologies, Inc.

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METALS RESULTS

ATI I.D. : 210648

CLIENT : ALLEN, KIMERER & LAVELLE
PROJECT # : 91-129-01
PROJECT NAME : (NONE)

DATE RECEIVED : 10/09/92
REPORT DATE : 11/02/92

PARAMETER	UNITS	09
SILVER (IN TCLP)	MG/L	<0.010
ARSENIC (IN TCLP)	MG/L	<0.1
BARIUM (IN TCLP)	MG/L	0.570
CADMIUM (IN TCLP)	MG/L	0.016
CHROMIUM (IN TCLP)	MG/L	7.15
MERCURY (IN TCLP)	MG/L	<0.0002
LEAD (IN TCLP)	MG/L	<0.10
SELENIUM (IN TCLP)	MG/L	<0.1

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

METALS - QUALITY CONTROL

CLIENT : ALLEN, KIMERER & LAVELLE
PROJECT # : 91-129-01
PROJECT NAME : (NONE)

ATI I.D. : 210648

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
SILVER	MG/KG	21064801	<0.5	<0.5	NA	20.5	25.0	82
SILVER (IN TCLP)	MG/L	21056201	<0.010	<0.010	NA	0.888	1.00	89
ALUMINUM	MG/KG	21064801	11200	11300	0.9	16300	5000	102
ARSENIC	MG/KG	21064801	<5	<5	NA	40	50	80
ARSENIC (IN TCLP)	MG/L	21064901	<0.1	<0.1	NA	1.0	1.0	100
BARIUM	MG/KG	21064801	113	133	16	162	50.0	98
BARIUM (IN TCLP)	MG/L	21064901	1.24	1.26	2	2.16	1.00	92
CADMIUM	MG/KG	21064801	<0.3	<0.3	NA	21.4	25.0	86
CADMIUM (IN TCLP)	MG/L	21064901	<0.005	<0.005	NA	0.896	1.00	90
CHROMIUM	MG/KG	21064801	19.7	18.5	6	57.2	50.0	75
CHROMIUM (IN TCLP)	MG/L	21064901	0.015	0.010	40	0.878	1.00	86
COPPER	MG/KG	21064801	22.5	22.9	2	43.0	25.0	82
COPPER	MG/KG	21064201	7.7	7.1	8	33.7	29.9	87
MERCURY (IN TCLP)	MG/L	21064718	<0.0002	<0.0002	NA	0.0049	0.0050	98
NICKEL	MG/KG	21064801	29.5	28.8	2	68.6	50.0	78
LEAD	MG/KG	21064801	9	8	12	50	50	82
LEAD (IN TCLP)	MG/L	21064901	<0.10	<0.10	NA	0.90	1.00	90
SELENIUM	MG/KG	21064801	<5	<5	NA	38	50	76
SELENIUM (IN TCLP)	MG/L	21064901	<0.1	<0.1	NA	1.1	1.0	110

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

GCMS - RESULTS

ATI I.D. : 21064801

TEST : VOLATILE ORGANICS (EPA 8240)

CLIENT	: ALLEN, KIMERER & LAVELLE	DATE SAMPLED	: 10/08/92
PROJECT #	: 91-129-01	DATE RECEIVED	: 10/09/92
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 10/10/92
CLIENT I.D.	: 129-SS-5	DATE ANALYZED	: 10/13/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<0.50
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<0.50
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2-TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	<0.05
CHLOROBENZENE	<0.05
ETHYLBENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	112
BROMOFLUOROBENZENE (%)	100
TOLUENE-D8 (%)	107

Attorney - Client Privileged Work Product

Analytical Technologies, Inc.

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : VOLATILE ORGANICS (EPA 8240)

ATI I.D. : 21064801

COMPOUNDS	RESULTS
NO ADDITIONAL COMPOUNDS	

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

GCMS - RESULTS

ATI I.D. : 21064802

TEST : VOLATILE ORGANICS (EPA 8240)

CLIENT	: ALLEN, KIMERER & LAVELLE	DATE SAMPLED	: 10/08/92
PROJECT #	: 91-129-01	DATE RECEIVED	: 10/09/92
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 10/10/92
CLIENT I.D.	: 129-SS-6	DATE ANALYZED	: 10/13/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<0.50
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<0.50
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2-TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	<0.05
CHLOROBENZENE	<0.05
ETHYLBENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	107
BROMOFLUOROBENZENE (%)	97
TOLUENE-D8 (%)	106

Attorney - Client Privileged Work Product

Analytical Technologies, Inc.

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : VOLATILE ORGANICS (EPA 8240)

ATI I.D. : 21064802

COMPOUNDS	RESULTS
NO ADDITIONAL COMPOUNDS	

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

GCMS - RESULTS

ATI I.D. : 21064803

TEST : VOLATILE ORGANICS (EPA 8240)

CLIENT	: ALLEN, KIMERER & LAVELLE	DATE SAMPLED	: 10/08/92
PROJECT #	: 91-129-01	DATE RECEIVED	: 10/09/92
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 10/10/92
CLIENT I.D.	: 129-SS-7	DATE ANALYZED	: 10/13/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<0.50
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<0.50
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2-TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	<0.05
CHLOROBENZENE	<0.05
ETHYLBENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	111
BROMOFLUOROBENZENE (%)	99
TOLUENE-D8 (%)	107

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : VOLATILE ORGANICS (EPA 8240)

ATI I.D. : 21064803

COMPOUNDS	RESULTS
NO ADDITIONAL COMPOUNDS	

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

GCMS - RESULTS

ATI I.D. : 21064804

TEST : VOLATILE ORGANICS (EPA 8240)

CLIENT	: ALLEN, KIMERER & LAVELLE	DATE SAMPLED	: 10/08/92
PROJECT #	: 91-129-01	DATE RECEIVED	: 10/09/92
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 10/10/92
CLIENT I.D.	: 129-SS-8	DATE ANALYZED	: 10/13/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<0.50
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<0.50
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2-TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	<0.05
CHLOROBENZENE	<0.05
ETHYLBENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	109
BROMOFLUOROBENZENE (%)	98
TOLUENE-D8 (%)	105

Attorney - Client Privileged Work Product

Analytical Technologies, Inc.

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : VOLATILE ORGANICS (EPA 8240)

ATI I.D. : 21064804

COMPOUNDS	RESULTS
NO ADDITIONAL COMPOUNDS	

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

GCMS - RESULTS

ATI I.D. : 21064805

TEST : VOLATILE ORGANICS (EPA 8240)

CLIENT	: ALLEN, KIMERER & LAVELLE	DATE SAMPLED	: 10/08/92
PROJECT #	: 91-129-01	DATE RECEIVED	: 10/09/92
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 10/10/92
CLIENT I.D.	: 129-BC-1	DATE ANALYZED	: 10/13/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 5

COMPOUNDS	RESULTS
CHLOROMETHANE	<2.50
BROMOMETHANE	<2.50
VINYL CHLORIDE	<0.25
CHLOROETHANE	<0.25
METHYLENE CHLORIDE	<1.5
ACETONE	<2.50
CARBON DISULFIDE	<0.25
1,1-DICHLOROETHENE	<0.25
1,1-DICHLOROETHANE	<0.25
1,2-DICHLOROETHENE (TOTAL)	6.0
CHLOROFORM	<0.25
1,2-DICHLOROETHANE	<0.25
2-BUTANONE (MEK)	<2.50
1,1,1-TRICHLOROETHANE	0.8
CARBON TETRACHLORIDE	<0.25
VINYL ACETATE	<2.50
BROMODICHLOROMETHANE	<0.25
1,1,2,2-TETRACHLOROETHANE	<0.25
1,2-DICHLOROPROPANE	<0.25
TRANS-1,3-DICHLOROPROPENE	<0.25
TRICHLOROETHENE	30
DIBROMOCHLOROMETHANE	<0.25
1,1,2-TRICHLOROETHANE	<0.25
BENZENE	<0.25
CIS-1,3-DICHLOROPROPENE	<0.25
2-CHLOROETHYLVINYLETHER	<2.50
BROMOFORM	<1.5
2-HEXANONE (MBK)	<2.50
4-METHYL-2-PENTANONE (MIBK)	<2.50
TETRACHLOROETHENE	8040 D
TOLUENE	6.7
CHLOROBENZENE	<0.25
ETHYLBENZENE	1.1
STYRENE	<0.25
TOTAL XYLENES	5.5

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	119
BROMOFLUOROBENZENE (%)	109
TOLUENE-D8 (%)	104

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : VOLATILE ORGANICS (EPA 8240)

ATI I.D. : 21064805

COMPOUNDS	RESULTS
NO ADDITIONAL COMPOUNDS	

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

GCMS - RESULTS

ATI I.D. : 21064806

TEST : VOLATILE ORGANICS (EPA 8240)

CLIENT	: ALLEN, KIMERER & LAVELLE	DATE SAMPLED	: 10/08/92
PROJECT #	: 91-129-01	DATE RECEIVED	: 10/09/92
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 10/10/92
CLIENT I.D.	: 129-BC-2	DATE ANALYZED	: 10/14/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<0.50
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<0.50
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2-TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	0.11
TOLUENE	<0.05
CHLOROBENZENE	<0.05
ETHYLBENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	116
BROMOFLUOROBENZENE (%)	113
TOLUENE-D8 (%)	111

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : VOLATILE ORGANICS (EPA 8240)

ATI I.D. : 21064806

COMPOUNDS	RESULTS
NO ADDITIONAL COMPOUNDS	

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Attorney - Client Privileged Work Product

GCMS - RESULTS

ATI I.D. : 21064807

TEST : VOLATILE ORGANICS (EPA 8240)

CLIENT	: ALLEN, KIMERER & LAVELLE	DATE SAMPLED	: 10/08/92
PROJECT #	: 91-129-01	DATE RECEIVED	: 10/09/92
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 10/10/92
CLIENT I.D.	: 129-BC-3	DATE ANALYZED	: 10/13/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<0.50
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<0.50
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2-TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	9.9
TOLUENE	<0.05
CHLOROBENZENE	<0.05
ETHYLBENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	119
BROMOFLUOROBENZENE (%)	100
TOLUENE-D8 (%)	109

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : VOLATILE ORGANICS (EPA 8240)

ATI I.D. : 21064807

COMPOUNDS	RESULTS
DECANE	0.9
HEXADECANE	1
HYDROCARBON C11	0.7

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

GCMS - RESULTS

ATI I.D. : 21064808

TEST : VOLATILE ORGANICS (EPA 8240)

CLIENT	: ALLEN, KIMERER & LAVELLE	DATE SAMPLED	: 10/08/92
PROJECT #	: 91-129-01	DATE RECEIVED	: 10/09/92
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 10/10/92
CLIENT I.D.	: 129-BG-1	DATE ANALYZED	: 10/14/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<0.50
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<0.50
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2-TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	<0.05
CHLOROBENZENE	<0.05
ETHYLBENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	116
BROMOFLUOROBENZENE (%)	116
TOLUENE-D8 (%)	111

Attorney - Client Privileged Work Product

Analytical Technologies, Inc.

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : VOLATILE ORGANICS (EPA 8240)

ATI I.D. : 21064808

COMPOUNDS	RESULTS
NO ADDITIONAL COMPOUNDS	

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

GCMS - RESULTS

ATI I.D. : 21064809

TEST : VOLATILE ORGANICS (EPA 8240)

CLIENT	: ALLEN, KIMERER & LAVELLE	DATE SAMPLED	: 10/09/92
PROJECT #	: 91-129-01	DATE RECEIVED	: 10/09/92
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 10/10/92
CLIENT I.D.	: 129-KT-1	DATE ANALYZED	: 10/13/92
SAMPLE MATRIX	: NON-AQUEOUS	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<0.50
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<0.50
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2-TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	1.4
TOLUENE	<0.05
CHLOROBENZENE	<0.05
ETHYLBENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	118
BROMOFLUOROBENZENE (%)	104
TOLUENE-D8 (%)	108

Attorney - Client Privileged Work Product

Analytical Technologies, Inc. ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

TEST : VOLATILE ORGANICS (EPA 8240)

ATI I.D. : 21064809

COMPOUNDS	RESULTS
NO ADDITIONAL COMPOUNDS	

Attorney - Client Privileged Work Product

Analytical Technologies, Inc.

GCMS - RESULTS

REAGENT BLANK

TEST : VOLATILE ORGANICS (EPA 8240)

CLIENT	: ALLEN, KIMERER & LAVELLE	ATI I.D.	: 210648
PROJECT #	: 91-129-01	DATE EXTRACTED	: 10/10/92
PROJECT NAME	: (NONE)	DATE ANALYZED	: 10/14/92
CLIENT I.D.	: REAGENT BLANK	UNITS	: MG/KG
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<0.50
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<0.50
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2-TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	<0.05
CHLOROBENZENE	<0.05
ETHYLBENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	120
BROMOFLUOROBENZENE (%)	120
TOLUENE-D8 (%)	118

Attorney - Client Privileged Work Product

Analytical Technologies, Inc.

QUALITY CONTROL DATA

ATI I.D. : 210648

TEST : VOLATILE ORGANICS (EPA 8240)

CLIENT : ALLEN, KIMERER & LAVELLE
PROJECT # : 91-129-01
PROJECT NAME : (NONE)
REF I.D. : 21064801

DATE ANALYZED : 10/13/92
SAMPLE MATRIX : SOIL
UNITS : MG/KG

COMPOUNDS	SAMPLE RESULT	CONC. SPIKED	SPIKED SAMPLE	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
1,1-DICHLOROETHENE	<0.05	2.5	2.8	112	3.0	120	7
TRICHLOROETHENE	<0.05	2.5	2.3	92	2.5	100	8
CHLOROBENZENE	<0.05	2.5	2.2	88	2.5	100	13
TOLUENE	<0.05	2.5	2.4	96	2.6	104	8
BENZENE	<0.05	2.5	2.5	100	2.8	112	11

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

Analytical Technologies, Inc.

GCMS - RESULTS

REAGENT BLANK

TEST : VOLATILE ORGANICS (EPA 8240)

CLIENT	: ALLEN, KIMERER & LAVELLE	ATI I.D.	: 210648
PROJECT #	: 91-129-01	DATE EXTRACTED	: 10/10/92
PROJECT NAME	: (NONE)	DATE ANALYZED	: 10/13/92
CLIENT I.D.	: REAGENT BLANK	UNITS	: MG/KG
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
CHLOROMETHANE	<0.50
BROMOMETHANE	<0.50
VINYL CHLORIDE	<0.05
CHLOROETHANE	<0.05
METHYLENE CHLORIDE	<0.3
ACETONE	<0.50
CARBON DISULFIDE	<0.05
1,1-DICHLOROETHENE	<0.05
1,1-DICHLOROETHANE	<0.05
1,2-DICHLOROETHENE (TOTAL)	<0.05
CHLOROFORM	<0.05
1,2-DICHLOROETHANE	<0.05
2-BUTANONE (MEK)	<0.50
1,1,1-TRICHLOROETHANE	<0.05
CARBON TETRACHLORIDE	<0.05
VINYL ACETATE	<0.50
BROMODICHLOROMETHANE	<0.05
1,1,2,2-TETRACHLOROETHANE	<0.05
1,2-DICHLOROPROPANE	<0.05
TRANS-1,3-DICHLOROPROPENE	<0.05
TRICHLOROETHENE	<0.05
DIBROMOCHLOROMETHANE	<0.05
1,1,2-TRICHLOROETHANE	<0.05
BENZENE	<0.05
CIS-1,3-DICHLOROPROPENE	<0.05
2-CHLOROETHYLVINYLETHER	<0.50
BROMOFORM	<0.3
2-HEXANONE (MBK)	<0.50
4-METHYL-2-PENTANONE (MIBK)	<0.50
TETRACHLOROETHENE	<0.05
TOLUENE	<0.05
CHLOROBENZENE	<0.05
ETHYLBENZENE	<0.05
STYRENE	<0.05
TOTAL XYLENES	<0.05

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	107
BROMOFLUOROBENZENE (%)	97
TOLUENE-D8 (%)	102

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

GCMS - RESULTS

ATI I.D. : 21064805

TEST : EPA METHOD 8240 (TCLP 1311)

CLIENT	: ALLEN, KIMERER & LAVELLE	DATE SAMPLED	: 10/08/92
PROJECT #	: 91-129-01	DATE RECEIVED	: 10/09/92
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 10/13/92
CLIENT I.D.	: 129-BC-1	DATE ANALYZED	: 10/19/92
SAMPLE MATRIX	: SOIL	UNITS	: UG/L
		DILUTION FACTOR	: 250

COMPOUNDS	RESULTS
BENZENE	<250
CARBON TETRACHLORIDE	<250
CHLOROBENZENE	<250
CHLOROFORM	<250
1,2-DICHLOROETHANE	<250
1,1-DICHLOROETHENE	<250
METHYL ETHYL KETONE	<2500
TETRACHLOROETHENE	59000
TRICHLOROETHENE	490
VINYL CHLORIDE	<250

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	105
BROMOFLUOROBENZENE (%)	94
TOLUENE-D8 (%)	94

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

GCMS - RESULTS

ATI I.D. : 21064806

TEST : EPA METHOD 8240 (TCLP 1311)

CLIENT	: ALLEN, KIMERER & LAVELLE	DATE SAMPLED	: 10/08/92
PROJECT #	: 91-129-01	DATE RECEIVED	: 10/09/92
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 10/21/92
CLIENT I.D.	: 129-BC-2	DATE ANALYZED	: 10/23/92
SAMPLE MATRIX	: SOIL	UNITS	: UG/L
		DILUTION FACTOR	: 10

COMPOUNDS	RESULTS
BENZENE	<10
CARBON TETRACHLORIDE	<10
CHLOROBENZENE	<10
CHLOROFORM	<10
1,2-DICHLOROETHANE	<10
1,1-DICHLOROETHENE	<10
METHYL ETHYL KETONE	<100
TETRACHLOROETHENE	<10
TRICHLOROETHENE	<10
VINYL CHLORIDE	<10

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	110
BROMOFLUOROBENZENE (%)	93
TOLUENE-D8 (%)	96

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

GCMS - RESULTS

ATI I.D. : 21064807

TEST : EPA METHOD 8240 (TCLP 1311)

CLIENT	: ALLEN, KIMERER & LAVELLE	DATE SAMPLED	: 10/08/92
PROJECT #	: 91-129-01	DATE RECEIVED	: 10/09/92
PROJECT NAME	: (NONE)	DATE EXTRACTED	: 10/21/92
CLIENT I.D.	: 129-BC-3	DATE ANALYZED	: 10/23/92
SAMPLE MATRIX	: SOIL	UNITS	: UG/L
		DILUTION FACTOR	: 10

COMPOUNDS	RESULTS
BENZENE	<10
CARBON TETRACHLORIDE	<10
CHLOROBENZENE	<10
CHLOROFORM	<10
1,2-DICHLOROETHANE	<10
1,1-DICHLOROETHENE	<10
METHYL ETHYL KETONE	<100
TETRACHLOROETHENE	40
TRICHLOROETHENE	<10
VINYL CHLORIDE	<10

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	108
BROMOFLUOROBENZENE (%)	100
TOLUENE-D8 (%)	98

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

GCMS - RESULTS

REAGENT BLANK

TEST : EPA METHOD 8240 (TCLP 1311)

CLIENT	: ALLEN, KIMERER & LAVELLE	ATI I.D.	: 210648
PROJECT #	: 91-129-01	DATE EXTRACTED	: 10/13/92
PROJECT NAME	: (NONE)	DATE ANALYZED	: 10/19/92
CLIENT I.D.	: REAGENT BLANK	UNITS	: UG/L
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
BENZENE	<10
CARBON TETRACHLORIDE	<10
CHLOROBENZENE	<10
CHLOROFORM	<10
1,2-DICHLOROETHANE	<10
1,1-DICHLOROETHENE	<10
METHYL ETHYL KETONE	<100
TETRACHLOROETHENE	<10
TRICHLOROETHENE	<10
VINYL CHLORIDE	<10

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	102
BROMOFLUOROBENZENE (%)	92
TOLUENE-D8 (%)	91

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

GCMS - RESULTS

REAGENT BLANK

TEST : EPA METHOD 8240 (TCLP 1311)

CLIENT	: ALLEN, KIMERER & LAVELLE	ATI I.D.	: 210648
PROJECT #	: 91-129-01	DATE EXTRACTED	: 10/21/92
PROJECT NAME	: (NONE)	DATE ANALYZED	: 10/23/92
CLIENT I.D.	: REAGENT BLANK	UNITS	: UG/L
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
BENZENE	<10
CARBON TETRACHLORIDE	<10
CHLOROBENZENE	<10
CHLOROFORM	<10
1,2-DICHLOROETHANE	<10
1,1-DICHLOROETHENE	<10
METHYL ETHYL KETONE	<100
TETRACHLOROETHENE	<10
TRICHLOROETHENE	<10
VINYL CHLORIDE	<10

SURROGATE PERCENT RECOVERIES

1,2-DICHLOROETHANE-D4 (%)	106
BROMOFLUOROBENZENE (%)	98
TOLUENE-D8 (%)	98

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

QUALITY CONTROL DATA

ATI I.D. : 210648

TEST : EPA METHOD 8240 (TCLP 1311)

CLIENT : ALLEN, KIMERER & LAVELLE
PROJECT # : 91-129-01
PROJECT NAME : (NONE)
REF I.D. : 21049919

DATE ANALYZED : 10/19/92
SAMPLE MATRIX : NON-AQUEOUS
UNITS : UG/L

COMPOUNDS	SAMPLE RESULT	CONC. SPIKED	SPIKED SAMPLE	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
1,1-DICHLOROETHENE	<1	50	46	92	46	92	0
TRICHLOROETHENE	<1	50	45	90	44	88	2
CHLOROBENZENE	<1	50	48	96	46	92	4
BENZENE	<1	50	48	96	49	98	2

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

Analytical Technologies, Inc.

Attorney - Client Privileged Work Product

QUALITY CONTROL DATA

ATI I.D. : 210648

TEST : EPA METHOD 8240 (TCLP 1311)

CLIENT : ALLEN, KIMERER & LAVELLE
PROJECT # : 91-129-01
PROJECT NAME : (NONE)
REF I.D. : 21049921

DATE ANALYZED : 10/21/92
SAMPLE MATRIX : NON-AQUEOUS
UNITS : UG/L

COMPOUNDS	SAMPLE RESULT	CONC. SPIKED	SPIKED SAMPLE	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
1,1-DICHLOROETHENE	<1	50	48	96	54	108	12
TRICHLOROETHENE	<1	50	47	94	49	98	4
CHLOROBENZENE	<1	50	47	94	50	100	6
BENZENE	<1	50	49	98	51	102	4

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

Analytical Technologies, Inc., Albuquerque, NM
San Diego • Phoenix • Seattle • Pensacola • Ft. Collins • Portland

CHAIN OF CUSTODY

DATE: 10/9/92 PAGE 1 OF 1

210648

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: Michael D. Kimerer

COMPANY: Allen, Kimerer, & LaVelle
ADDRESS: 2715 North Third Street
Phoenix, Arizona 85004
PHONE: 602-279-5900
FAX: 602-264-5566

BILL TO: Karsten Manufacturing
COMPANY: 2201 West Desert Cove
ADDRESS: Phoenix, Arizona 85029
Attn: Jeff Bradshaw

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1)	(MOD 8015) Gas/Diesel	Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020)	BTXE/MTBE (8020)	Paint Filter	Oil + Grease (413.1)	Chlorinated Hydrocarbons (601/8010)	Aromatic Hydrocarbons (602/8020)	SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg.	pH	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	TCLP VOCs (8240)	SDWA Primary Standards - Arizona	SDWA Secondary Standards - Arizona	SDWA Primary Standards - Federal	SDWA Secondary Standards - Federal	Metals by Total Digestion - see list	The 13 Priority Pollutant Metals	RCRA Metals by Total Digestion	RCRA Metals by TCLP (1311)	NUMBER OF CONTAINERS
129-SS-5	10-8-92	9:23	Soil	1	X													X							X				2
129-SS-6	10-8-92	10:05	Soil	2	X													X							X				2
129-SS-7	10-8-92	10:44	Soil	3	X													X							X				2
129-SS-8	10-8-92	11:20	Soil	4	X													X							X				2
129-BC-1	10-8-92	12:31	Soil	5	X				X									X		X									2
129-BC-2	10-8-92	13:05	Soil	6	X				X									X		X									2
129-BC-3	10-8-92	13:40	Soil	7	X				X									X		X									2
129-BG-1	10-8-92	15:36	Soil	8	X													X							X				2
129-KT-1	10-9-92	13:10	Sludge	9						X				X				X										X	3

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJ. NO.:	91-129-01	NO. CONTAINERS	19
PROJ. NAME:	—	CUSTODY SEALS	(Y) N / NA
P.O. NO.:	74812	RECEIVED INTACT	Y
SHIPPED VIA:		RECEIVED COLD	Y

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒ 2 WEEK

Comments:
① Metals required for Total Metals Analyses: Ag, As, Ba, Cd, Cr, Cu, Ni, Pb, Se, Al
② Analyses of 129-KT-1 should be performed on a

SAMPLED & RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: Richard A. Scanner Time: 1700	Signature: Time:	Signature: Time:
Printed Name: Richard A. Scanner Date: 10-9-92	Printed Name: Date:	Printed Name: Date:
Company: Basin + Range Phone: 840-3333	Company:	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: (LAB) 3.
Signature: Time:	Signature: Time:	Signature: Time: 1700
Printed Name: Date:	Printed Name: Date:	Printed Name: Linda Eshelman Date: 10/9/
Company:	Company:	Analytical Technologies, Inc.

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Brown & Caldwell
3636 N. Central Ave., Suite 200
Phoenix, AZ 85012-1931
Attention: Mike Daniel

Client Project ID: 13799.500
Report Number: PKB0193

MAR - 5

Sampled: 02/12/01
Received: 02/13/01
Issued: 02/23/01

CASE NARRATIVE

LABORATORY NUMBER	SAMPLE DESCRIPTION	SAMPLE MATRIX
PKB0193-01	DMP-SB4-1.0	Soil
PKB0193-02	DMP-SB4-2.0	Soil
PKB0193-03	DMP-SB4-5.0	Soil
PKB0193-04	DMP-SB4-7.0	Soil

SAMPLE RECEIPT: Samples were received intact, on ice, and with chain of custody documentation.

HOLDING TIMES: Holding times were met.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

OBSERVATIONS: No significant observations were made.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

QA/QC CRITERIA: All analyses met method criteria.

EXPLANATION OF DATA QUALIFIERS: No further explanation of data qualifiers needed.

DEL MAR ANALYTICAL , PHOENIX (AZ0426)

Beth Price
Project Manager

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Phoenix, AZ 85012-1931
Attention: Mike Daniel

Client Project ID: 13799.500

Report Number: PKB0193

Sampled: 02/12/01
Received: 02/13/01

TOTAL METALS

Analyte	Method	Batch	Reporting Limit mg/kg	Sample Result mg/kg	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: PKB0193-01 (DMP-SB4-1.0 - Soil)								
Antimony	EPA 6010B	P1B1519	25	ND	5	2/15/01	2/16/01	M2
Arsenic	EPA 6010B	P1B1519	25	ND	5	2/15/01	2/16/01	
Beryllium	EPA 6010B	P1B1519	2.0	**36**	5	2/15/01	2/16/01	
Chromium	EPA 6010B	P1B1519	5.0	**2700**	5	2/15/01	2/16/01	M3
Chromium VI	EPA 7196A	P1B2223	1.0	ND	1	2/22/01	2/22/01	
Copper	EPA 6010B	P1B1519	10	**2700**	5	2/15/01	2/16/01	M3
Nickel	EPA 6010B	P1B1519	25	**1200**	5	2/15/01	2/16/01	M1
Sample ID: PKB0193-02 (DMP-SB4-2.0 - Soil)								
Antimony	EPA 6010B	P1B1519	5.0	ND	1	2/15/01	2/16/01	
Arsenic	EPA 6010B	P1B1519	5.0	**7.4**	1	2/15/01	2/16/01	
Beryllium	EPA 6010B	P1B1519	0.40	**25**	1	2/15/01	2/16/01	
Chromium	EPA 6010B	P1B1519	1.0	**510**	1	2/15/01	2/16/01	
Chromium VI	EPA 7196A	P1B2223	1.0	ND	1	2/22/01	2/22/01	
Copper	EPA 6010B	P1B1519	2.0	**750**	1	2/15/01	2/16/01	
Nickel	EPA 6010B	P1B1519	5.0	**430**	1	2/15/01	2/16/01	
Sample ID: PKB0193-03 (DMP-SB4-5.0 - Soil)								
Antimony	EPA 6010B	P1B1519	5.0	ND	1	2/15/01	2/16/01	
Arsenic	EPA 6010B	P1B1519	5.0	**6.5**	1	2/15/01	2/16/01	
Beryllium	EPA 6010B	P1B1519	0.40	**2.5**	1	2/15/01	2/16/01	
Chromium	EPA 6010B	P1B1519	1.0	**120**	1	2/15/01	2/16/01	
Chromium VI	EPA 7196A	P1B2223	1.0	ND	1	2/22/01	2/22/01	
Copper	EPA 6010B	P1B1519	2.0	**110**	1	2/15/01	2/16/01	
Nickel	EPA 6010B	P1B1519	5.0	**72**	1	2/15/01	2/16/01	

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Project Manager

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Phoenix, AZ 85012-1931
Attention: Mike Daniel

Client Project ID: 13799.500

Report Number: PKB0193

Sampled: 02/12/01
Received: 02/13/01

TOTAL METALS

Analyte	Method	Batch	Reporting Limit mg/kg	Sample Result mg/kg	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: PKB0193-04 (DMP-SB4-7.0 - Soil)								
Antimony	EPA 6010B	P1B1519	5.0	ND	1	2/15/01	2/16/01	
Arsenic	EPA 6010B	P1B1519	5.0	**5.1**	1	2/15/01	2/16/01	
Beryllium	EPA 6010B	P1B1519	0.40	**0.59**	1	2/15/01	2/16/01	
Chromium	EPA 6010B	P1B1519	1.0	**14**	1	2/15/01	2/16/01	
Chromium VI	EPA 7196A	P1B2223	1.0	ND	1	2/22/01	2/22/01	
Copper	EPA 6010B	P1B1519	2.0	**15**	1	2/15/01	2/16/01	
Nickel	EPA 6010B	P1B1519	5.0	**18**	1	2/15/01	2/16/01	

Beth Price
Project Manager

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Attention: Mike Daniel

Client Project ID: 13799.500

Report Number: PKB0193

Sampled: 02/12/01
Received: 02/13/01

METHOD BLANK/QC DATA

TOTAL METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: P1B1519 Extracted: 02/15/01										
Blank Analyzed: 02/16/01 (P1B1519-BLK1)										
Antimony	ND	5.0	mg/kg							
Arsenic	ND	5.0	mg/kg							
Beryllium	ND	0.40	mg/kg							
Chromium	ND	1.0	mg/kg							
Copper	ND	2.0	mg/kg							
Nickel	ND	5.0	mg/kg							
LCS Analyzed: 02/16/01 (P1B1519-BS1)										
Antimony	**91.4**	5.0	mg/kg	100		91.4	80-120			
Arsenic	**95.2**	5.0	mg/kg	100		95.2	80-120			
Beryllium	**98.4**	0.40	mg/kg	100		98.4	80-120			
Chromium	**95.2**	1.0	mg/kg	100		95.2	80-120			
Copper	**96.4**	2.0	mg/kg	100		96.4	80-120			
Nickel	**92.0**	5.0	mg/kg	100		92.0	80-120			
Matrix Spike Analyzed: 02/16/01 (P1B1519-MS1)					**Source: PKB0193-01**					
Antimony	**77.3**	25	mg/kg	100	ND	77.3	75-125			
Arsenic	**106**	25	mg/kg	100	ND	106	75-125			
Beryllium	**132**	2.0	mg/kg	100	36	96.0	75-125			
Chromium	**2800**	5.0	mg/kg	100	2700	100	75-125			
Copper	**2170**	10	mg/kg	100	2700	-530	75-125			M3
Nickel	**1390**	25	mg/kg	100	1200	190	75-125			M1
Matrix Spike Dup Analyzed: 02/16/01 (P1B1519-MSD1)					**Source: PKB0193-01**					
Antimony	**73.9**	25	mg/kg	100	ND	73.9	75-125	4.50	20	M2
Arsenic	**105**	25	mg/kg	100	ND	105	75-125	0.948	20	
Beryllium	**131**	2.0	mg/kg	100	36	95.0	75-125	0.760	20	
Chromium	**2510**	5.0	mg/kg	100	2700	-190	75-125	10.9	20	M3
Copper	**2110**	10	mg/kg	100	2700	-590	75-125	2.80	20	M3
Nickel	**1190**	25	mg/kg	100	1200	-10.0	75-125	15.5	20	M2

Beth Price
Project Manager

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Phoenix, AZ 85012-1931
Attention: Mike Daniel

Client Project ID: 13799.500

Report Number: PKB0193

Sampled: 02/12/01
Received: 02/13/01

METHOD BLANK/QC DATA

TOTAL METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: P1B2223 Extracted: 02/22/01										
Blank Analyzed: 02/22/01 (P1B2223-BLK1)										
Chromium VI	ND	1.0	mg/kg							
LCS Analyzed: 02/22/01 (P1B2223-BS1)										
Chromium VI	**9.60**	1.0	mg/kg	10.0		96.0	85-115			
Matrix Spike Analyzed: 02/22/01 (P1B2223-MS1)					**Source: PKB0190-01**					
Chromium VI	**8.45**	1.0	mg/kg	10.0	ND	84.0	85-115			M2
Matrix Spike Dup Analyzed: 02/22/01 (P1B2223-MSD1)					**Source: PKB0190-01**					
Chromium VI	**8.95**	1.0	mg/kg	10.0	ND	89.0	85-115	5.75	20	

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Project Manager

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

Brown & Caldwell 3636 N. Central Ave., Suite 200 Phoenix, AZ 85012-1931 Attention: Mike Daniel	Client Project ID: 13799.500 Report Number: PKB0193	Sampled: 02/12/01 Received: 02/13/01

METHOD BLANK/QC DATA

DATA QUALIFIERS AND DEFINITIONS

M1 Matrix spike recovery was high, the method control sample recovery was acceptable.

M2 Matrix spike recovery was low, the method control sample recovery was acceptable.

M3 The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to spike level. The method control sample recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not reported.

RPD Relative Percent Difference

Beth Price
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

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CHAIN OF CUSTODY FORM

Client Name/Address: BROWN & CALDWELL, 3636 N. CENTRAL AVE. STE 2000, PHOENIX, AZ

Project/PO Number: 13799.500

Project Manager: MIKE DANIEL

Phone Number: 602-222-4444

Sampler: ADAM SMITH

Fax Number: 222-4466

Analysis Required: Sb, As, Be, Cr, Cr(VI), Cu, Ni

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Sb, As, Be, Cr, Cr(VI), Cu, Ni									Special Instructions
DMP-SB4-1.0	SOIL	PLASTIC TUBE	1	2-12-01	1035 ~~0956~~	4°C	+		PK	B0193-		01				
DMP-SB4-2.0	↓	↓	1	↓	1036 ~~0958~~	↓	+					2				
DMP-SB4-5.0	↓	↓	1	↓	0959	↓	+					3				
DMP-SB4-7.0	↓	↓	1	↓	1000	↓	+					4				

Relinquished By:	Date /Time:	Received by:	Date /Time:
[signature]	2/12 1620 (BAC)	[signature]	2/12/01 1620
[signature]	2/13/01 0725	[signature]	2/13/01
		Received in Lab by: [signature]	2/13/01 0725

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
intact ✓ on ice ✓

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.