Phase II Environmental Site Investigation

ECI
ENVIRONMENTAL COMPLIANCE, INC.

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Attn: Mr. Greg Corbett

DATE: July 6, 1995

REPORT NO.: 057539D

P.O. NO.: Project #480.27.005

INVOICE NO.: 007461

WORK REQUESTED

Chemical Analysis per SW-846 (SW) for:

(1) Metals (EPA)

(a) Aluminum (Method 6010)
(b) Arsenic (Method 6010)
(c) Barium (Method 6010)
(d) Cadmium (Method 7131)
(e) Chromium (Method 6010)
(f) Lead (Method 7421)
(g) Mercury (Method 7471
(h) Nickel (Method 6010)
(i) Selenium (Method 6010)
(j) Silver (Method ~~7841~~) 7761 MFM
(k) Zinc (Method 6010)

(2) Cyanide (SW/Method 9010)

(3) Volatile Organic Compounds (VOC), SW/Method 8260

(4) Semi-Volatile Organic Compounds (S-VOC), Sw/Method 8270

(5) Pesticides/Polychlorinated Biphenyls (PCB's), SW/Method 8080

DESCRIPTION OF SAMPLE

Thirty nine (39) samples (57 containers) reported to be "Soil" and identified as Ref. No. 480.27.005 Composite, Cool and:

(1) SB-1-4-7-9, 6/7/95 (Metals)
(2) SB-1-3-8-10, 6/6/95 (Metals)
(3) SB-1-2-0-2, 6/7/95 (Metals)
(4) SB-1-2-14-16, 6/7/95 (Metals)
(5) SB-2-11-3-5, 6/9/95 (Metals
(6) SB-2-9-3-5. 6/9/95 (Metals)
(7) SB-2-5-3-5. 6/9/95 (Metals)
(8) SB-1-1-4-6, 6/7/95 (Metals)
(9) SB-2-10-5-7, 6/9/95 (Metals)
(10) SB-1-3-2-4, 6/6/95 (Metals)
(11) SB-2-2-9-11, 6/9/95 (Metals)
(12) SB-2-6-7-9, 6/9/95 (Metals)
(13) SB-2-14-5-7, 6/9/95 (Metals)
(14) SB-2-12-5-7, 6/9/95 (Metals)

TEST RESULTS ARE APPLICABLE ONLY TO ITEMS TESTED.

DESCRIPTION OF SAMPLE, Continued

(15) SB-2-13-11-13 (S-VOC/VOC)
(16) SB-2-15-13-17 (Pesticides/PCB's), 6/9/95
(17) SB-2-14-8.5-12.5 (Pesticides/PCB's) 6/8/95
(18) SB-2-13-11.5-12.5 (Pesticides/PCB's), 6/8/95
(19) SB-2-1-11-13 (Pesticides/PCB's), 6/8/95
(20) SB-2-2-11-12, 6/7/95 (Pesticides/PCB's)
(21) ~~SB-2-3A-11-5~~, 6/7/95 (Pesticides/PCB's) SB-2-3A-4-5 MFM 9/12/95
(22) SB-2-4-11-12, 6/7/95 (Pesticides/PCB's)
(23) SB-2-5-5-6.5, 6.7.95 (Pesticides/PCB's)
(24) SB-2-6-11-13, 6/7/95 (Pesticides/PCB's)
(25) SB-2-7-9.5-13, 6/9/95 (Pesticides/PCB's)
(26) SB-2-8-8.5-12.5, 6/8/95 (Pesticides/PCB's)
(27) SB-2-9-8.5-12.5, 6/8/95 (Pesticides/PCB's)
(28) SB-2-10-8.5-12.5, 6/8/95 (Pesticides/PCB's)
(29) SB-2-11-8.5-9, 6/8/95 (Pesticides/PCB's)
(30) SB-2-12-14-16.5, 6/8/95 (Pesticides/PCB's)
(31) SB-6-2-11-13, 6/9/95 (Metals/VOC/S-VOC/Cyanide/Pesticides/PCB's)
(32) SB-6-5-4-5, 6/9/95 (Metals/VOC/S-VOC/Cyanide/Pesticides/PCB's)
(33) SB-6-7-7-9, 6/9/95 (Metals/VOC/S-VOC/Cyanide/Pesticides/PCB's)
(34) SB-6-9-8-10, 6/9/95 (Metals/VOC/S-VOC/Cyanide/Pesticides/PCB's)
(35) SB-6-10-8-10, 6/9/95 (Metals/VOC/S-VOC/Cyanide/Pesticides/PCB's)
(36) SB-6-8-12-14, 6/9/95 (Metals/VOC/S-VOC/Cyanide/Pesticides/PCB's)
(37) SB-6-9-15-16.5, 6/9/95 (Pesticides/PCB's)
(38) SB-6-4-15-16.5, 6/9/95 (Pesticides/PCB's)
(39) SB-8-1-12-14, 6/9/95 (Metals/VOC/S-VOC/Cyanide/Pesticides/PCB's)

CHEMICAL ANALYSIS (SW)

(1) Metals

Parameter (µg/Kg dry weight)

Sample	Pb*	Cd*	Ag*	As*	Ba*	Cr*	Se*	Zn*	Al*	Ni*	Hg*
Blank	<1000	<50	<500	<2000	<2000	<2000	<2000	<2000	<2000	<2000	<100
1	8650	4710	<500	<2000	60800	13700	<2000	60800	9580000	22600	<100
2	41000	2240	<500	3250	49300	10800	<2000	46300	3680000	44800	<100
3	26200	1990	<500	2940	3670	7340	<2000	41600	4370000	7860	<100
4	6390	2130	560	2910	25800	6950	<2000	23400	5640000	8520	<100
5	10900000	6350	<500	12400	360000	12000	<2000	2200000	4830000	11300	<100
6	545000	5850	<500	2460	74800	18800	<2000	580000	5380000	9600	<100
7	1500000	40800	<500	<2000	393000	2370	<2000	1700000	1040000	21300	<100
8	7170	1870	<500	<2000	27500	24900	<2000	27000	4240000	208000	<100
9	2580000	32500	<500	<2000	391000	111000	<2000	580000	5600000	133000	<100
10	62500	2410	<500	<2000	68800	26200	<2000	57000	4280000	7950	<100
11	5510	1570	<500	<2000	14500	8320	<2000	19100	3110000	44200	<100
12	214000	5730	<500	<2000	82200	17300	<2000	480000	5430000	8150	<100
13	6440000	50000	<500	6800	522000	80300	<2000	2000000	23200000	77700	<100

(1) Metals, Continued

Parameter (µg/Kg dry weight)

Sample	Pb*	Cd*	Ag*	As*	Ba*	Cr*	Se*	Zn*	Al*	Ni*	Hg*
14	839000	45600	<500	<2000	348000	118000	<2000	2300000	38200000	64000	<100
31	2960	1000	<500	<2000	4390	3790	<2000	17300	1420000	4390	<100
32	34000	3200	<500	2340	51800	35000	<2000	73500	6370000	62700	<100
33	3720	1910	<500	<2000	24900	7550	<2000	22900	3090000	7120	<100
34	54200	8400	<500	2880	86200	26200	<2000	200000	6120000	126000	<100
35	2950	1470	<500	<2000	20400	7550	<2000	22500	4950000	7780	<100
36	7490	3500	<500	<2000	50900	9300	<2000	49400	6280000	16100	<100
39	24500	9330	<500	<2000	176000	14500	<2000	130000	4820000	43900	<100

* Pb - Lead
Cd - Cadmium
Ag - Silver
As - Arsenic
Ba - Barium
Cr - Chromium
Se - Selenium
Zn - Zinc
Al - Aluminum
Ni - Nickel
Hg - Mercury

Date of Analysis: 6/18/95

Analyst: Mike A. Smith

Metals Quality Control Data

Spiked Sample: 57539D-1 (34 for Hg)

(mg/Kg)

Analyte	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
Aluminum	7,850	10	7,850	8,000	NC	NC	1.9
Arsenic	0	10	12.4	12.4	124	124	0.0
Barium	50	10	50	50	0	0	0.0
Cadmium	3.9	10	11.9	11.9	80	80	0.0
Chromium	11.2	10	19	18.8	78	76	1.1
Lead	7.1	10	15.6	15.6	85	85	0.0
Mercury	0.003	0.005	0.007	0.007	80	80	0.0
Nickel	18.5	10	25.3	26.2	68	77	3.5
Selenium	0	10	7.3	8.2	73	82	11.6
Silver	0.15	0.5	0.49	0.49	68	68	0.0
Zinc	50	10	50	50	NC	NC	0.0

Metals Quality Control Data, Continued

Spiked Sample: 57539D-32

(mg/Kg)

Analyte	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
Aluminum	6260	10	6260	6130	NC	NC	2.1
Arsenic	2.1	10	13.4	12.6	134	126	6.2
Barium	46	10	46	32	NC	NC	35.9
Cadmium	2.8	10	12.3	11.7	123	117	5.0
Chromium	31	10	31	30	NC*	NC*	3.3
Lead	30	10	30	31	NC*	NC*	3.3
Mercury	0.003	0.005	0.008	0.008	160	160	0.0
Nickel	55	10	55	61	NC	NC	10.3
Selenium	0	10	9.1	8.4	91	84	8.0
Silver	0	0.5	0.5	0.5	100	100	0.0
Zinc	65	10	65	65	NC	NC	0.0

NC: Not Calculated. Spike recoveries were not calculated for this analyte because the sample concentration was greater than four times the spike added. The RPD calculations for these samples were based on sample and duplicate results rather than spike and spike duplicate results.

* - Sample did not meet the 4X requirement, but was treated as such.

(2) Cyanide

(µg/Kg dry weight)

Sample	Results
31	<200
32	<200
33	<200
34	<200
35	<200
36	314
39	<200

Date of Analysis: 6/21/95

Analyst: Mike A. Smith

(2) Cyanide, Continued

Cyanide Quality Control Data

Spiked Sample: 57539D-39

(µg/Kg)

Analyte	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
Cyanide	<200	2,000	1,740	1,840	87	92	5.6

Date of Analysis: 6/21/95 Analyst: Mike A. Smith

(3) VOC

(µg/Kg dry weight)

Parameter	Blank	15	31	32	33	34	Detection Limits
Benzene	<10	<10	<10	<10	<10	<10	10
Bromobenzene	<10	<10	<10	<10	<10	<10	10
Bromochloromethane	<10	<10	<10	<10	<10	<10	10
Bromodichloromethane	<10	<10	<10	<10	<10	<10	10
Bromoform	<10	<10	<10	<10	<10	<10	10
Bromomethane	<10	<10	<10	<10	<10	<10	10
n-Butylbenzene	<10	15	<10	<10	<10	<10	10
sec-Butylbenzene	<10	<10	<10	<10	<10	<10	10
tert-Butylbenzene	<10	<10	<10	<10	<10	<10	10
Carbon tetrachloride	<10	<10	<10	<10	<10	<10	10
Chlorobenzene	<10	<10	<10	<10	<10	<10	10
Chlorodibromomethane	<10	<10	<10	<10	<10	<10	10
Chloroethane	<10	<10	<10	<10	<10	<10	10
2-Chlorotoluene	<10	<10	<10	<10	<10	<10	10
4-Chlorotoluene	<10	<10	<10	<10	<10	<10	10
Chloroform	<10	<10	<10	<10	<10	<10	10
Chloromethane	<10	<10	<10	<10	<10	<10	10
1,2-Dibromo-3-chloropropane	<10	<10	<10	<10	<10	<10	10
1,2-Dibromoethane	<10	<10	<10	<10	<10	<10	10
Dibromomethane	<10	<10	<10	<10	<10	<10	10
1,2-Dichlorobenzene	<10	<10	<10	<10	<10	<10	10

(3) VOC, Continued

(µg/Kg dry weight)

Parameter	Blank	15	31	32	33	34	Detection Limits
1,3- Dichlorobenzene	<10	<10	<10	<10	<10	<10	10
1,4-Dichlorobenzene	<10	<10	<10	<10	<10	<10	10
Dichlorodifluoromethane	<10	<10	<10	<10	<10	<10	10
1,1-Dichloroethane	<10	<10	<10	<10	<10	<10	10
1,2-Dichloroethane	<10	<10	<10	<10	<10	<10	10
1,1-Dichloroethene	<10	<10	<10	<10	<10	<10	10
cis-1,2-Dichloroethene	<10	<10	<10	<10	<10	<10	10
trans-1,2,-Dichloroethene	<10	<10	<10	<10	<10	<10	10
1,2-Dichloropropane	<10	<10	<10	<10	<10	<10	10
1,3-Dichloropropane	<10	<10	<10	<10	<10	<10	10
2,2-Dichloropropane	<10	<10	<10	<10	<10	<10	10
1,1-Dichloropropene	<10	<10	<10	<10	<10	<10	10
Ethylbenzene	<10	<10	<10	<10	<10	<10	10
Hexachlorobutadiene	<10	22	<10	<10	<10	<10	10
Isopropylbenzene	<10	<10	<10	<10	<10	<10	10
p-Isopropyltoluene	<10	<10	<10	<10	<10	<10	10
Methylene chloride	<10	<10	<10	<10	<10	<10	10
Napthalene	<10	20	<10	<10	<10	<10	10
n-Propylbenzene	<10	<10	<10	<10	<10	<10	10
Styrene	<10	<10	<10	<10	<10	<10	10
1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	<10	<10	10
1,1,2,2-Tetrachloroethane	<10	<10	<10	<10	<10	<10	10
Tetrachloroethene	<10	<10	<10	<10	<10	<10	10
Toluene	<10	<10	<10	<10	<10	<10	10
1,2,3-Trichlorobenzene	<10	22	<10	<10	<10	<10	10
1,2,4-Trichlorobenzene	<10	<10	<10	<10	<10	<10	10
1,1,1-Trichloroethane	<10	<10	<10	<10	<10	<10	10
1,1,2-Trichloroethane	<10	<10	<10	<10	<10	<10	10
Trichloroethene	<10	<10	<10	<10	<10	<10	10
Trichlorofluoromethane	<10	<10	<10	<10	<10	<10	10
1,2,3-Trichloropropane	<10	<10	<10	<10	<10	<10	10
1,2,4-Trimethylbenzene	<10	<10	<10	<10	<10	<10	10
1,3,5-Trimethylbenzene	<10	<10	<10	<10	<10	<10	10

(3) VOC, Continued

(µg/Kg dry weight)

Parameter	Blank	15	31	32	33	34	Detection Limits
Vinyl chloride	<10	<10	<10	<10	<10	<10	10
Xylene (Total)	<30	<30	<30	<30	<30	<30	30

Surrogate Compounds (% Rec.)	Blank	15	31	32	33	34
4-Bromofluorobenzene	100.2	34.9	51.8	57.6	57.5	62.1
1,2-Dichlorobenzene-d4	101.2	38.5	44.9	43.0	40.6	52.2

(µg/Kg dry weight)

Parameter	35	36	39	Detection Limits
Benzene	<10	<10	<10	10
Bromobenzene	<10	<10	<10	10
Bromochloromethane	<10	<10	<10	10
Bromodichloromethane	<10	<10	<10	10
Bromoform	<10	<10	<10	10
Bromomethane	<10	<10	<10	10
n-Butylbenzene	<10	<10	<10	10
sec-Butylbenzene	<10	<10	<10	10
tert-Butylbenzene	<10	<10	<10	10
Carbon tetrachloride	<10	<10	<10	10
Chlorobenzene	<10	<10	<10	10
Chlorodibromomethane	<10	<10	<10	10
Chloroethane	<10	<10	<10	10
2-Chlorotoluene	<10	<10	<10	10
4-Chlorotoluene	<10	<10	<10	10
Chloroform	<10	<10	<10	10
Chloromethane	<10	<10	<10	10
1,2-Dibromo-3-chloropropane	<10	<10	<10	10
1,2-Dibromoethane	<10	<10	<10	10
Dibromomethane	<10	<10	<10	10

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(3) VOC, Continued

(µg/Kg dry weight)

Parameter	35	36	39	Detection Limits
1,2-Dichlorobenzene	<10	<10	<10	10
1,3- Dichlorobenzene	<10	<10	<10	10
1,4-Dichlorobenzene	<10	<10	<10	10
Dichlorodifluoromethane	<10	<10	<10	10
1,1-Dichloroethane	<10	<10	<10	10
1,2-Dichloroethane	<10	<10	<10	10
1,1-Dichloroethene	<10	<10	<10	10
cis-1,2-Dichloroethene	<10	<10	<10	10
trans-1,2,-Dichloroethene	<10	<10	<10	10
1,2-Dichloropropane	<10	<10	<10	10
1,3-Dichloropropane	<10	<10	<10	10
2,2-Dichloropropane	<10	<10	<10	10
1,1-Dichloropropene	<10	<10	<10	10
Ethylbenzene	<10	<10	<10	10
Hexachlorobutadiene	<10	<10	<10	10
Isopropylbenzene	<10	<10	<10	10
p-Isopropyltoluene	<10	<10	<10	10
Methylene chloride	<10	<10	<10	10
Napthalene	<10	<10	<10	5
n-Propylbenzene	<10	<10	<10	10
Styrene	<10	<10	<10	10
1,1,1,2-Tetrachloroethane	<10	<10	<10	10
1,1,2,2-Tetrachloroethane	<10	<10	<10	10
Tetrachloroethene	<10	<10	<10	10
Toluene	<10	<10	<10	10
1,2,3-Trichlorobenzene	<10	<10	<10	10
1,2,4-Trichlorobenzene	<10	<10	<10	10
1,1,1-Trichloroethane	<10	<10	<10	10
1,1,2-Trichloroethane	<10	<10	<10	10
Trichloroethene	<10	<10	<10	10
Trichlorofluoromethane	<10	<10	<10	10
1,2,3-Trichloropropane	<10	<10	<10	10
1,2,4-Trimethylbenzene	<10	<10	<10	10
1,3,5-Trimethylbenzene	<10	<10	<10	10

(3) VOC, Continued

(µg/Kg dry weight)

Parameter	35	36	39	Detection Limits
Vinyl chloride	<10	<10	<10	10
Xylene (Total)	<30	<30	<30	30

Surrogate Compounds (% Rec.)	35	36	39
4-Bromofluorobenzene	47.6	49.6	62.5
1,2-Dichlorobenzene-d4	34.7	43.0	47.3

Date of Analysis: 6/15/95 Analyst: Beth Dannenberger

Volatile Quality Control Data

Spiked Sample: 57539D-32

(µg/Kg)

Compound	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
1,1-Dichloroethene	0.8	50	54	54	107	107	1
Benzene	0.5	50	51	49	100	97	4
Trichloroethene	0.6	50	46	47	91	93	2
Toluene	0.7	50	42	43	83	85	2
Chlorobenzene	0.2	50	38	38	75	75	1

(4) S-VOC

(µg/Kg)

Parameter	Blank	15	31	32	33	34	Detection Limits
Acenaphthene	<330	<330	<330	<330	<330	<330	330
Acenaphthylene	<330	<330	<330	<330	<330	<330	330
Aldrin	<330	<330	<330	<330	<330	<330	330
Aniline	<330	<330	<330	<330	<330	<330	330

(4) S-VOC, Continued

(µg/Kg dry weight)

Parameter	Blank	15	31	32	33	34	Detection Limits
Anthracene	<330	<330	<330	<330	<330	<330	330
Benzo[a]anthracene	<330	944	<330	<330	<330	<330	330
Benzo(b)fluoranthene	<330	1,120	<330	<330	<330	<330	330
Benzo(k)fluoranthene	<330	743	<330	<330	<330	<330	330
Benzo(g,h,i)perylene	<330	871	<330	<330	<330	<330	330
Benzo(a)pyrene	<330	684	<330	<330	<330	<330	330
Benzyl alcohol	<660	<660	<660	<660	<660	<660	660
alpha-BHC	<330	<330	<330	<330	<330	<330	330
beta-BHC	<330	<330	<330	<330	<330	<330	330
delta-BHC	<330	<330	<330	<330	<330	<330	330
gamma-BHC (Lindane)	<330	<330	<330	<330	<330	<330	330
Bis(2-chloroethyl)ether	<330	<330	<330	<330	<330	<330	330
Bis(2-chloroisopropyl) ether	<330	<330	<330	<330	<330	<330	330
Bis(2-ethylhexyl) phthalate	<330	<330	<330	<330	<330	<330	330
4-Bromophenyl phenyl ether	<330	<330	<330	<330	<330	<330	330
Butyl benzyl phthalate	<330	<330	<330	<330	<330	<330	330
4-Chloroaniline	<660	<660	<660	<660	<660	<660	660
2-Chloronaphthalene	<330	<330	<330	<330	<330	<330	330
4-Chlorophenyl phenyl ether	<330	<330	<330	<330	<330	<330	330
Chrysene	<330	1340	<330	<330	<330	<330	330
4,4'-DDD	<330	<330	<330	<330	<330	<330	330
4,4'-DDE	<330	<330	<330	<330	<330	<330	330
4,4'-DDT	<330	<330	<330	<330	<330	<330	330
Dibenz(a,h)anthracene	<330	<330	<330	<330	<330	<330	330
Dibenzofuran	<330	<330	<330	<330	<330	<330	330
Di-n-butylphthalate	<330	<330	<330	<330	<330	<330	330
1,2-Dichlorobenzene	<330	<330	<330	<330	<330	<330	330
1,3-Dichlorobenzene	<330	<330	<330	<330	<330	<330	330
1,4-Dichlorobenzene	<330	<330	<330	<330	<330	<330	330
3,3'-Dichlorobenzidine	<660	<660	<660	<660	<660	<660	660
Dieldrin	<330	<330	<330	<330	<330	<330	330
Diethylphthalate	<330	<330	<330	<330	<330	<330	330
Dimethyl phthalate	<330	<330	<330	<330	<330	<330	330

(4) S-VOC, Continued

(µg/Kg dry weight)

Parameter	Blank	15	31	32	33	34	Detection Limits
2,4-Dinitrotoluene	<330	<330	<330	<330	<330	<330	330
2,6-Dinitrotoluene	<330	<330	<330	<330	<330	<330	330
Di-n-octyl phthalate	<330	<330	<330	<330	<330	<330	330
Endosulfan I	<330	<330	<330	<330	<330	<330	330
Endosulfan II	<330	<330	<330	<330	<330	<330	330
Endosulfan sulfate	<330	<330	<330	<330	<330	<330	330
Endrin	<330	<330	<330	<330	<330	<330	330
Fluoranthene	<330	1,470	<330	<330	<330	<330	330
Fluorene	<330	<330	<330	<330	<330	<330	330
Heptachlor	<330	<330	<330	<330	<330	<330	330
Heptachlor epoxide	<330	<330	<330	<330	<330	<330	330
Hexachlorobenzene	<330	<330	<330	<330	<330	<330	330
Hexachlorobutadiene	<330	<330	<330	<330	<330	<330	330
Hexachlorocyclopentadiene	<330	<330	<330	<330	<330	<330	330
Hexachloroethane	<330	<330	<330	<330	<330	<330	330
Indeno(1,2,3-cd)pyrene	<330	754	<330	<330	<330	<330	330
Isophorone	<330	<330	<330	<330	<330	<330	330
2-Methylnaphthalene	<330	<330	<330	<330	<330	<330	330
Naphthalene	<330	<330	<330	<330	<330	<330	330
2-Nitroaniline	<1,650	<1,650	<1,650	<1,650	<1,650	<1,650	1,650
3-Nitroaniline	<1,650	<1,650	<1,650	<1,650	<1,650	<1,650	1,650
4-Nitroaniline	<1,650	<1,650	<1,650	<1,650	<1,650	<1,650	1,650
Nitrobenzene	<330	<330	<330	<330	<330	<330	330
N-Nitrosomethylethylamine	<330	<330	<330	<330	<330	<330	330
N-Nitrosodiphenylamine	<330	<330	<330	<330	<330	<330	330
N-Nitrosodi-n-propylamine	<330	<330	<330	<330	<330	<330	330
Phenanthrene	<330	1,480	<330	<330	<330	<330	330
Pyrene	<330	3,950	<330	<330	<330	<330	330
1,2,4-Trichlorobenzene	<330	<330	<330	<330	<330	<330	330

Surrogate Compounds (% Rec.)	Blank	15	31	32	33	34
Nitrobenzene-d5	75.8	75.0	78.0	80.7	76.1	76.0
2-Fluorobiphenyl	63.9	63.7	65.4	66.0	66.8	63.1
Terphenyl-d14	54.3	93.5	54.9	109.9	59.0	57.7

(4) S-VOC, Continued

Parameter	(µg/Kg dry weight) 35	36	39	Detection Limits
Acenaphthene	<330	<330	<330	330
Acenaphthylene	<330	<330	<330	330
Aldrin	<330	<330	<330	330
Aniline	<330	<330	<330	330
Anthracene	<330	<330	<330	330
Benzo[a]anthracene	<330	<330	<330	330
Benzo(b)fluoranthene	<330	<330	<330	330
Benzo(k)fluoranthene	<330	<330	<330	330
Benzo(g,h,i)perylene	<330	<330	<330	330
Benzo(a)pyrene	<330	<330	<330	330
Benzyl alcohol	<660	<660	<660	660
alpha-BHC	<330	<330	<330	330
beta-BHC	<330	<330	<330	330
delta-BHC	<330	<330	<330	330
gamma-BHC (Lindane)	<330	<330	<330	330
Bis(2-chloroethyl)ether	<330	<330	<330	330
Bis(2-chloroisopropyl) ether	<330	<330	<330	330
Bis(2-ethylhexyl) phthalate	<330	<330	<330	330
4-Bromophenyl phenyl ether	<330	<330	<330	330
Butyl benzyl phthalate	<330	<330	759	330
4-Chloroaniline	<660	<660	<660	660
2-Chloronaphthalene	<330	<330	<330	330
4-Chlorophenyl phenyl ether	<330	<330	<330	330
Chrysene	<330	<330	<330	330
4,4'-DDD	<330	<330	<330	330
4,4'-DDE	<330	<330	<330	330
4,4'-DDT	<330	<330	<330	330
Dibenz(a,h)anthracene	<330	<330	<330	330
Dibenzofuran	<330	<330	<330	330
Di-n-butylphthalate	<330	<330	<330	330
1,2-Dichlorobenzene	<330	<330	<330	330
1,3-Dichlorobenzene	<330	<330	<330	330

(4) S-VOC, Continued

(µg/Kg dry weight)

Parameter	35	36	39	Detection Limits
1,4-Dichlorobenzene	<330	<330	<330	330
3,3'-Dichlorobenzidine	<660	<660	<660	660
Dieldrin	<330	<330	<330	330
Diethylphthalate	<330	<330	<330	330
Dimethyl phthalate	<330	<330	<330	330
2,4-Dinitrotoluene	<330	<330	<330	330
2,6-Dinitrotoluene	<330	<330	<330	330
Di-n-octyl phthalate	<330	<330	<330	330
Endosulfan I	<330	<330	<330	330
Endosulfan II	<330	<330	<330	330
Endosulfan sulfate	<330	<330	<330	330
Endrin	<330	<330	<330	330
Fluoranthene	<330	<330	<330	330
Fluorene	<330	<330	<330	330
Heptachlor	<330	<330	<330	330
Heptachlor epoxide	<330	<330	<330	330
Hexachlorobenzene	<330	<330	<330	330
Hexachlorobutadiene	<330	<330	<330	330
Hexachlorocyclopentadiene	<330	<330	<330	330
Hexachloroethane	<330	<330	<330	330
Indeno(1,2,3-cd)pyrene	<330	<330	<330	330
Isophorone	<330	<330	<330	330
2-Methylnaphthalene	<330	<330	<330	330
Naphthalene	<330	<330	<330	330
2-Nitroaniline	<1,650	<1,650	<1,650	1,650
3-Nitroaniline	<1,650	<1,650	<1,650	1,650
4-Nitroaniline	<1,650	<1,650	<1,650	1,650
Nitrobenzene	<330	<330	<330	330
N-Nitrosomethylethylamine	<330	<330	<330	330
N-Nitrosodiphenylamine	<330	<330	<330	330
N-Nitrosodi-n-propylamine	<330	<330	<330	330
Phenanthrene	<330	<330	<330	330
Pyrene	<330	<330	<330	330
1,2,4-Trichlorobenzene	<330	<330	<330	330

(4) S-VOC, Continued

(µg/Kg dry weight)

Surrogate Compounds (% Rec.)	35	36	39
Nitrobenzene-d5	66.4	78.8	71.2
2-Fluorobiphenyl	51.9	68.3	60.7
Terphenyl-d14	39.9	59.5	59.0

Date of Extraction: 6/14/95
Date of Analysis: 6/15/95

Extractor: Jennifer George
Analyst: Beth Dannenberger

Semi-Volatile Quality Control Data

Spiked Sample: 57539D-34

(µg/Kg)

Compound	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
1,4-Dichlorobenzene	0.0	3,300	2,112	2,244	64	68	5
N-Nitroso-di-n-propylamine	0.0	3,300	2,640	2,739	80	83	4
1,2,4-Trichlorobenzene	0.0	3,300	1,980	2,013	60	61	3
Acenaphthene	0.0	3,300	2,211	2,277	67	69	3
2,4-Dinitrotoluene	0.0	3,300	2,046	2,112	62	64	3
Pyrene	0.0	3,300	2,277	2,310	69	70	0

(5) Pesticides/PCB's

PCB Results

(µg/Kg dry weight)

Analyte	blk	16	17	18	19	20	21	22	23	24	25
PCB 1016	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330
PCB 1221	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330
PCB 1232	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330
PCB 1242	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330
PCB 1248	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330
PCB 1254	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330
PCB 1260	<330	1840	<330	<330	<330	<330	<330	<330	<330	<330	<330
Aldrin	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7
Chlordane	<33.3	<33.3	<33.3	<33.3	<33.3	<33.3	<33.3	<33.3	<33.3	<33.3	<33.3

(5) Pesticides/PCB's, Continued

PCB Results, Continued

(% Recovery)

Surrogates	blk	16	17	18	19	20	21	22	23	24	25
TMX	98	69	118	98	86	76	74	97	193	241	80
DCB	61	194	81	79	60	48	45	61	61	42	48

(µg/Kg dry weight)

Analyte	blk	26	27	28	29	30	31	32	33	34	35
PCB 1016	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330
PCB 1221	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330
PCB 1232	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330
PCB 1242	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330
PCB 1248	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330
PCB 1254	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330
PCB 1260	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330
Aldrin	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7
Chlordane	<33.3	<33.3	<33.3	<33.3	<33.3	<33.3	<33.3	<33.3	<33.3	<33.3	<33.3

(% Recovery)

Surrogates	blk	26	27	28	29	30	31	32	33	34	35
TMX	80	73	71	90	111	82	97	79	95	158	89
DCB	80	42	39	48	53	43	46	45	49	60	48

(µg/Kg dry weight)

Analyte	blk	36	37	38	39
PCB 1016	<330	<330	<330	<330	<330
PCB 1221	<330	<330	<330	<330	<330
PCB 1232	<330	<330	<330	<330	<330
PCB 1242	<330	<330	<330	<330	<330
PCB 1248	<330	<330	<330	<330	<330
PCB 1254	<330	<330	<330	<330	<330
PCB 1260	<330	<330	<330	<330	<330
Aldrin	<6.7	<6.7	<6.7	<6.7	<6.7
Chlordane	<33.3	<33.3	<33.3	<33.3	<33.3

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(5) Pesticides/PCB's, Continued

PCB Results

(% Recovery)

Surrogates	blk	36	37	38	39
TMX	98	77	77	78	101
DCB	61	47	48	50	53

Date of Extraction: 6/14/95
Date of Analysis: 6/15/95

Extractor: Jennifer George
Analyst: Bryce G. McHale

PCB Quality Control Data

Spiked Sample: 57539D-19

(µg/Kg)

Analyte	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
PCB 1242	160	330	476	352	96	58	30.0

Spiked Sample: 57539D-39

(µg/Kg)

Analyte	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
PCB 1242	0	330	286	410	87	124	35.6

REMARKS

Chain of Custody document enclosed

ENVIRONMENTAL COMPLIANCE, INC.

Lance Stokes, Ph.D.

LS/lar
057539D

TEST RESULTS ARE APPLICABLE ONLY TO ITEMS TESTED.

SOIL

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CHAIN OF CUSTODY RECORD

Date: 6/10/95 057539 D

Page 1 of 04

Purchase Order No.: | Reference No: 480.27005

SEND INVOICE TO

Name: Sven Pavlovics
Company: Blasland, Bouck & Lee | Dept.
Address: 185 ~~NW 2nd Ave. Suite 110~~ NW Spanish River Blvd Suite 110
City, State, Zip: Boca Raton, FL. 33431

REPORT RESULTS TO

Name: Sven Pavlovics | Title: Senior Project Scientist
Company: Blasland Bouck & Lee
Mailing Address: 185 NW Spanish River Blvd Suite 110
City, State, Zip: Boca Raton, FL. 33431
Telephone No: 407-750-3533 | Fax No:

Special Instructions:

Sampler: Mike Mueller

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE/ GRAB	PRESERVATIVES	Number of Containers	Method 8270	Method 7421 (Pb)	Method 6010	Method 7131	Method 7471	Method 3810	Method 8080	Method 8260		Remarks (matrix)
					ANALYSIS REQUESTED ↓									
SB-1-4-7-9	6/7/95	comp	cool	1		X	X	X	X	X				SOIL
SB-1-3-8-10	6/6/95	comp	"	1		X	X	X	X	X				
SB-1-2-6-8	6/7/95	comp	"	1		X	X	X	X	X				
SB-1-2-14-16	6/7/95	comp	"	1		X	X	X	X	X				
SB-2-11-3-5	6/9/95	comp	"	1		X	X	X	X	X				
SB-2-9-3-5	6/9/95	comp	"	1		X	X	X	X	X				
SB-2-5-3-5	6/9/95	comp	"	1		X	X	X	X	X				
SB-1-1-4-6	6/7/95	comp	"	1		X	X	X	X	X				
SB-2-10-5-7	6/9/95	comp	"	1		X	X	X	X	X				
SB-1-5-2-4	6/6/95	comp	"	1		X	X	X	X	X				
SB-2-2-9-11	6/9/95	comp	"	1		X	X	X	X	X				
SB-2-6-7-9	6/9/95	comp	"	1		X	X	X	X	X				

Relinquished by: Mike Mueller	Date/Time 6-10-95	Received by: Lawrence Stefano	Date/Time 6/10/95 17:10
Relinquished by: (FX)	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: Mike Mueller Date 6-10-95
(Client Signature Must Accompany Request)

Rush	5 Working Days	10 Working Days	Sampling Location:
	X		

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CHAIN OF CUSTODY RECORD

Date: 6/10/95

0575390 SOIL

Page 2 of 4

Purchase Order No.:

Reference No: 480.

SEND INVOICE TO

Name: Sven Pavlovics

Company: Blasland Bouck & Lee

Dept.

Address: 185 NW Spanish River Blvd Suite 110

City, State, Zip: Boca Raton, FL 33431

REPORT RESULTS TO

Name: Sven Pavlovics Title: Senior Project Scientist

Company: Blasland Bouck & Lee

Mailing Address: 185 NW Spanish River Blvd Suite 110

City, State, Zip: Boca Raton FL 33431

Telephone No: 407-~~750-3500~~ 750-3733 Fax No.

Special Instructions:

Sampler: Mike Mueller (Blasland Bouck & Lee)

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE/ GRAB	PRESERVATIVES	Number of Containers	ANALYSIS REQUESTED: Method 8270	Method 7421	Method 6010	Method 7131	Method 7471	Method 7841	Method 8080	Method 8260			Remarks (matrix)
SB-2-14-5-7	6/9/95	Comp	cool	1		x	x	x	x	~~x~~					
SB-2-12-5-7	6/9/95	Comp	"	1		x	x	x	x	x					
SB-2-13-11-13	6/8/95	comp	"	2	x							x			
SB-2-15-13-17	6/9/95	comp	"	1							x				
SB-2-14-8.5-12.5	6/8/95	Comp	"	1							x				
SB-2-13-11.5-12.5	6/8/95	comp	"	1							x				
SB-2-1-11-13	6/8/95	comp	"	1							x				
SB-2-2-11-12	6/7/95	comp	"	1							x				
SB-2-3A-4-5	6/7/95	comp	"	1							x				
SB-2-4-11-12	6/7/95	comp	"	1							x				
SB-2-5-5-6.5	6/7/95	Comp	"	1							x				
SB-2-6-11-13	6/7/95	Comp	"	1							x				

Relinquished by: Mike Mueller	Date/Time 6-10-95	Received by: Lance Stokes	Date/Time 6/10/95
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment.

Authorized by: Mike Mueller Date 6-10-95

(Client Signature Must Accompany Request)

Rush	5 Working Days	10 Working Days	Sampling Location
	X		

Distribution: White - ECI Yellow - ECI Pink - Sampler Goldenrod - Client

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CHAIN OF CUSTODY RECORD

057539D

SOIL

Date: 6/10/95

Purchase Order No.:	Reference No.:

SEND INVOICE TO

Name	Sven Pavlovics
Company	Blasland Bouck & Lee — Dept.
Address	185 NW Spanish River Blvd. Suite 110
City, State, Zip	Boca Raton, FL 33431

REPORT RESULTS TO

Name	Sven Pavlovics — Title
Company	Blasland Bouck & Lee
Mailing Address	185 NW Spanish River Blvd.
City, State, Zip	Boca Raton, FL 33431
Telephone No.	407-750-~~3333~~ 3733 — Fax No.

Special Instructions:

Sampler: Mike Mueller (BB&L)

ANALYSIS REQUESTED

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE/ GRAB	PRESERVATIVES	Number of Containers	MeHod 8270	MeHod 8260 ✓	MeHod 8080	Remarks (matrix)
SB 2-7-9.5-13	6/9/95	Comp		1			X	
SB 2-8-8.5-12.5	6/8/95	Comp		1			X	
SB 2-9-8.5-12.5	6/8/95	Comp		1			X	
SB 2-10-8.5-12.5	6/8/95	Comp		1			X	
SB 2-11-8.5-9	6/8/95	Comp		1			X	
SB 2-12-14-16.5	6/8/95	Comp		1			X	
~~SB~~								
(D)								

Relinquished by: Mike Mueller	Date/Time 6-10-95	Received by: Laurie Stokes	Date/Time 6/10/95
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: Mike Mueller Date 6/10/95

(Client Signature Must Accompany Request)

Rush	5 Working Days	10 Working Days	Sampling Location:
	X		

Distribution: White - ECI Yellow - ECI Pink - Sampler Goldenrod - Client

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CHAIN OF CUSTODY RECORD

Date: 6/10/95

057539D

Page 4 of 4

Purchase Order No.:		Reference No.: 480.27	
SEND INVOICE TO	Name: Steve Pavlovics		
	Company: Blasland Bouck & Lee	Dept.	
	Address: 185 NW Spanish River Blvd.		
	City, State, Zip: Boca Raton, FL 33431		
REPORT RESULTS TO	Name	Title	
	Company: Same		
	Mailing Address		
	City, State, Zip		
	Telephone No: 407-750-3733	Fax No.	

Special Instructions:

Sampler: Mike Mueller

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE/ GRAB	PRESERVATIVES	Number of Containers	ANALYSIS REQUESTED: 8260	8270	8080	9010	6010/7131/7421	7471/7841	Remarks (matrix)
SB 6.2.11.13	6/9/95	Comp	—	4	✓	✓	✓	✓	✓	✓	
SB 6.5.3.5	6/9/95			4	✓	✓	✓	✓	✓	✓	
SB 6.7.7.9				4	✓	✓	✓	✓	✓	✓	
SB 6.9.8.10				4	✓	✓	✓	✓	✓	✓	
SB 6.10 8.10				4	✓	✓	✓	✓	✓	✓	
SB 6.8.12.14				4	✓	✓	✓	✓	✓	✓	
SB 6.9.15.16.5				1			✓				
SB ~~6.5~~ 6.4.15.16.5				1			✓				
SB 8.1.12.14					✓	✓	✓	✓	✓	✓	

Relinquished by:	Date/Time 6-10-95	Received by:	Date/Time 6/10/95
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time
Method of Shipment			

Authorized by: _____ Date _____
(Client Signature Must Accompany Request)

Rush	5 Working Days	10 Working Days	Sampling Location
	X		

Distribution: White - ECI Yellow - ECI Pink - Sampler Goldenrod - Client

ECI
ENVIRONMENTAL COMPLIANCE, INC.

35526 Grand River Ave., Suite 151 • Farmington Hills, MI 48335 • Phone (810) 557-2707 • Fax (810) 528-5174

Blasland, Bouck & Lee
185 Northwest Spanish River Blvd.
Suite 110
Boca Raton, FL 33431

Attn: Mr. Greg Corbett

DATE: July 6, 1995

REPORT NO.: 057539C

P.O. NO.: Project #480.27.005

INVOICE NO.: 007461

WORK REQUESTED

Chemical Analysis per SW-846 (SW) and EPA 600/4-79-020 (EPA) for:

(1) Metals (EPA)

(a) Aluminum (Method 200.7)
(b) Cadmium (Method 213.2)
(c) Chromium (Method 200.7)
(d) Lead (Method 220.2)
(e) Mercury (Method 245.1)
(f) Nickel (Method 200.7)
(g) Zinc (Method 200.7)

(2) Cyanide (SW/Method 9010)

(3) Volatile Organic Compounds (VOC), SW/Method 8260

(4) Semi-Volatile Organic Compounds (S-VOC), SW/Method 8270

(5) Pesticides/Polychlorinated Biphenyls (PCB's), SW/Method 8080

DESCRIPTION OF SAMPLE

Twenty one (21) samples reported to be "Ground Water" and identified as Ref. No. 480.27.005 and:

(1) GW-6-10, Unfiltered, 6/10/95, HNO_3 (Metals)
(2) GW-6-10, Filtered, 6/10/95, HNO_3 (Metals)
(3) GW-6-10, 6/10/95, NaOH (CN), S-VOC/VOC/Pesticides/PCB's/Cyanide
(4) GW-6-10 MS, 6/10/95, NaOH (CN), S-VOC/VOC/Pesticides/PCB's/ Cyanide
(5) GW-6-10 MSD, 6/10/95, NaOH (CN), S-VOC/VOC/Pesticides/PCB's/ Cyanide
(6) GW-6-9, 6/10/95, NaOH (CN), S-VOC/VOC/Pesticides/PCB's/ Cyanide
(7) GW-6-9, Unfiltered, 6/10/95, HNO_3 (Metals)
(8) GW-6-9, Filtered, 6/10/95, HNO_3 (Metals)
(9) GW-2-1, 6/9/95 (S-VOC/VOC), Pesticides (PCB's)
(10) GW-2-1, Filtered, 6/9/95, HNO_3 (Metals)
(11) GW-2-1, Unfiltered, 6/9/95, HNO_3 (Metals)
(12) GW-1-4, Unfiltered, 6/7/95, HNO_3 (Metals)

TEST RESULTS ARE APPLICABLE ONLY TO ITEMS TESTED.
THE REPORT SHALL NOT BE REPRODUCED IN PART OR IN FULL WITHOUT WRITTEN APPROVAL BY ENVIRONMENTAL COMPLIANCE, INC.

DESCRIPTION OF SAMPLE, Continued

(13) GW-1-4, Filtered, 6/7/95, HNO_3 (Metals)
(14) GW-2-12, 6/10/95 (Metals [HNO_3]/Pesticides/PCB's), Unfiltered
(15) GW-3-1, 6/10/95 (S-VOC)
(16) GW-6-5, 6/10/95 (Metals [HNO_3]/S-VOC/VOC/Pesticides/PCB's), Unfiltered
(17) GW-2-13, 6/10/95 (Metals [HNO_3]/S-VOC/VOC/Pesticides/PCB's), Unfiltered
(18) Duplicate, 6/10/95 (Metals [HNO_3]/S-VOC/VOC/Pesticides/PCB's)
(19) GW-2-12, 6/10/95 (Metals [HNO3]), Filtered
(20) GW-6-5, 6/10/95 (Metals [HNO3]), Filtered
(21) GW-2-13, 6/10/95 (Metals [HNO3]), Filtered

CHEMICAL ANALYSIS (SW/EPA)

(1) Metals

Parameter (ug/L)

Sample	Lead	Cadmium	Chromium	Zinc	Aluminum	Nickel	Mercury
Blank	<5	<0.5	<200	<200	<200	<200	<0.2
1	110	21	<200	<200	1,120	340	<0.2
2	61	5	<200	<200	<200	<200	<0.2
7	1,590	212	<200	350	6,610	640	0.4
8	120	4.4	<200	<200	<200	<200	<0.2
10	880	22	<200	<200	<200	<200	<0.2
11	610	24	<200	<200	5,780	<200	<0.2
12	280	7.7	<200	<200	310	2,280	<0.2
13	300	17	<200	<200	<200	280	<0.2
14	1,550	390	<200	2020	16,300	560	<0.2
16	1,120	17	<200	<200	2,520	390	0.2
17	1,880	220	<200	400	1,960	<200	0.3
18	970	1,320	<200	2,490	14,500	<200	0.3
19	70	19	<200	<200	<200	<200	0.2
20	2,580	19	<200	<200	<200	380	0.3
21	140	12	<200	<200	<200	<200	0.3

Date of Analysis: 6/16/95 Analyst: Mike A. Smith

(1) Metals, Continued

Metals Quality Control Data

Spiked Sample: 57539C-1

(µg/L)

Analyte	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
Aluminum	1,120	1,000	1,880	1,960	76	84	4.2
Cadmium	20	0.8	20	20	NC	NC	0.0
Chromium	0	1,000	1,120	1,040	112	104	7.4
Lead	110	10	110	100	NC	NC	9.5
Mercury	0	5	5	5	100	100	0.0
Nickel	340	1,000	1,016	1,063	67.6	72.3	4.5
Zinc	0	1,000	1,140	1,130	114	113	0.9

Spiked Sample: 57539C-2

(µg/L)

Analyte	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
Aluminum	1	1,000	1,076	1,072	108	107	0.4
Cadmium	5	16	20	20	94	94	0.0
Chromium	0	1,000	1,230	1,140	123	114	7.6
Lead	60	200	230	230	85	85	0.0
Mercury	0	5	6	6	120	120	0.0
Nickel	1	1,000	1,044	1,028	104	103	1.5
Zinc	0	1,000	1,060	1,040	106	104	1.9

Spiked Sample: 57539C-20 (57539C-21 for Hg)

(µg/L)

Analyte	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
Aluminum	1	1,000	1,045	1,045	105	105	0.0
Cadmium	20	0.8	20	20	NC	NC	0.0
Chromium	0	1,000	1,110	1,090	111	109	1.8
Lead	300	10	300	300	NC	NC	0.0
Mercury	0.3	5	6	6	120	120	0.0
Nickel	376	1,000	1,259	1,319	126	132	4.7
Zinc	0	1,000	1,090	1,090	109	109	0.0

NC: Not Calculated. Spike recoveries were not calculated for this analyte because the sample concentration was greater than four times the spike added. The RPD calculations for these samples were based on sample and duplicate results rather than spike and spike duplicate results.

CHEMICAL ANALYSIS (SW/EPA), Continued

(2) Cyanide

(µg/L)

Sample	Results
6	<50
3	<50

Date of Analysis: 6/21/95 Analyst: Mike A. Smith

Cyanide Quality Control Data

Spiked Sample: 57539C-3

(µg/L)

Analyte	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
Cyanide	<50	400	350	340	87	85	2.9

(3) VOC

(µg/L)

Parameter	Blank	3	6	9	Detection Limits
Benzene	<1	<1	<1	<5	1
Bromobenzene	<1	<1	<1	<5	1
Bromochloromethane	<1	<1	<1	<5	1
Bromodichloromethane	<1	<1	<1	<5	1
Bromoform	<1	<1	<1	<5	1
Bromomethane	<1	<1	<1	<5	1
n-Butylbenzene	<1	<1	<1	<5	1
sec-Butylbenzene	<1	<1	<1	<5	1
tert-Butylbenzene	<1	<1	<1	<5	1
Carbon tetrachloride	<1	<1	<1	<5	1
Chlorobenzene	<1	<1	<1	<5	1
Chlorodibromomethane	<1	<1	<1	<5	1
Chloroethane	<1	<1	<1	<5	1
2-Chlorotoluene	<1	<1	<1	<5	1

(3) VOC, Continued

(µg/L)

Parameter	Blank	3	6	9	Detection Limits
4-Chlorotoluene	<1	<1	<1	<5	1
Chloroform	<1	<1	<1	<5	1
Chloromethane	<1	<1	<1	<5	1
1,2-Dibromo-3-chloropropane	<1	<1	<1	<5	1
1,2-Dibromoethane	<1	<1	<1	<5	1
Dibromomethane	<1	<1	<1	<5	1
1,2-Dichlorobenzene	<1	<1	<1	<5	1
1,3- Dichlorobenzene	<1	<1	<1	<5	1
1,4-Dichlorobenzene	<1	<1	<1	<5	1
Dichlorodifluoromethane	<1	<1	<1	<5	1
1,1-Dichloroethane	<1	<1	<1	<5	1
1,2-Dichloroethane	<1	<1	<1	<5	1
1,1-Dichloroethene	<1	<1	<1	<5	1
cis-1,2-Dichloroethene	<1	<1	<1	<5	1
trans-1,2,-Dichloroethene	<1	<1	<1	<5	1
1,2-Dichloropropane	<1	<1	<1	<5	1
1,3-Dichloropropane	<1	<1	<1	<5	1
2,2-Dichloropropane	<1	<1	<1	<5	1
1,1-Dichloropropene	<1	<1	<1	<5	1
Ethylbenzene	<1	<1	<1	<5	1
Hexachlorobutadiene	<1	<1	<1	<5	1
Isopropylbenzene	<1	<1	<1	<5	1
p-Isopropyltoluene	<1	<1	<1	<5	1
Methylene chloride	<1	<1	<1	<5	1
Napthalene	<5	<5	<5	109	5
n-Propylbenzene	<1	<1	<1	<5	1
Styrene	<1	<1	<1	<5	1
1,1,1,2-Tetrachloroethane	<1	<1	<1	<5	1
1,1,2,2-Tetrachloroethane	<1	<1	<1	<5	1
Tetrachloroethene	<1	<1	<1	<5	1
Toluene	<1	<1	<1	<5	1
1,2,3-Trichlorobenzene	<1	<1	3	<5	1
1,2,4-Trichlorobenzene	<1	<1	3	<5	1

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(3) VOC, Continued

(µg/L)

Parameter	Blank	3	6	9	Detection Limits
1,1,1-Trichloroethane	<1	<1	<1	<5	1
1,1,2-Trichloroethane	<1	<1	<1	<5	1
Trichloroethene	<1	<1	<1	<5	1
Trichlorofluoromethane	<1	<1	<1	<5	1
1,2,3-Trichloropropane	<1	<1	<1	<5	1
1,2,4-Trimethylbenzene	<1	<1	<1	<5	1
1,3,5-Trimethylbenzene	<1	<1	<1	<5	1
Vinyl chloride	<1	<1	<1	<5	1
Xylene (Total)	<3	<3	<3	<15	3

Surrogate Compounds (% Rec.)	Blank	3	6	9
4-Bromofluorobenzene	94.9	92.8	101.9	88.6
1,2-Dichlorobenzene-d4	90.3	90.6	97.8	68.0

(µg/L)

Parameter	16	17	18	Detection Limits
Benzene	<1	<1	<1	1
Bromobenzene	<1	<1	<1	1
Bromochloromethane	<1	<1	<1	1
Bromodichloromethane	<1	<1	<1	1
Bromoform	<1	<1	<1	1
Bromomethane	<1	<1	<1	1
n-Butylbenzene	<1	<1	<1	1
sec-Butylbenzene	<1	<1	<1	1
tert-Butylbenzene	<1	<1	<1	1
Carbon tetrachloride	<1	<1	<1	1
Chlorobenzene	<1	<1	<1	1
Chlorodibromomethane	<1	<1	<1	1
Chloroethane	<1	<1	<1	1
2-Chlorotoluene	<1	<1	<1	1

(3) VOC, Continued

(µg/L)

Parameter	16	17	18	Detection Limits
4-Chlorotoluene	<1	<1	<1	1
Chloroform	<1	<1	<1	1
Chloromethane	<1	<1	<1	1
1,2-Dibromo-3-chloropropane	<1	<1	<1	1
1,2-Dibromoethane	<1	<1	<1	1
Dibromomethane	<1	<1	<1	1
1,2-Dichlorobenzene	<1	<1	<1	1
1,3- Dichlorobenzene	<1	<1	<1	1
1,4-Dichlorobenzene	<1	<1	<1	1
Dichlorodifluoromethane	<1	<1	<1	1
1,1-Dichloroethane	<1	<1	<1	1
1,2-Dichloroethane	<1	<1	<1	1
1,1-Dichloroethene	<1	<1	<1	1
cis-1,2-Dichloroethene	<1	<1	<1	1
trans-1,2,-Dichloroethene	<1	<1	<1	1
1,2-Dichloropropane	<1	<1	<1	1
1,3-Dichloropropane	<1	<1	<1	1
2,2-Dichloropropane	<1	<1	<1	1
1,1-Dichloropropene	<1	<1	<1	1
Ethylbenzene	<1	<1	<1	1
Hexachlorobutadiene	<1	<1	<1	1
Isopropylbenzene	<1	<1	<1	1
p-Isopropyltoluene	<1	<1	<1	1
Methylene chloride	<1	<1	<1	1
Napthalene	<5	<5	<5	5
n-Propylbenzene	<1	<1	<1	1
Styrene	<1	<1	<1	1
1,1,1,2-Tetrachloroethane	<1	<1	<1	1
1,1,2,2-Tetrachloroethane	<1	<1	<1	1
Tetrachloroethene	<1	<1	<1	1
Toluene	<1	<1	<1	1
1,2,3-Trichlorobenzene	<1	<1	<1	1
1,2,4-Trichlorobenzene	<1	<1	<1	1
1,1,1-Trichloroethane	<1	<1	<1	1

(3) VOC, Continued

(µg/L)

Parameter	16	17	18	Detection Limits
1,1,2-Trichloroethane	<1	<1	<1	1
Trichloroethene	<1	<1	<1	1
Trichlorofluoromethane	<1	<1	<1	1
1,2,3-Trichloropropane	<1	<1	<1	1
1,2,4-Trimethylbenzene	<1	<1	<1	1
1,3,5-Trimethylbenzene	<1	<1	<1	1
Vinyl chloride	<1	<1	<1	1
Xylene (Total)	<3	<3	<3	3

Surrogate Compounds (% Rec.)	16	17	18
4-Bromofluorobenzene	102.4	104.3	103.4
1,2-Dichlorobenzene-d4	91.1	99.6	99.8

Date of Analysis: 6/15/95 Analyst: Beth Dannenberger

Volatile Quality Control Data

Spiked Sample: 57539C-3

(µg/L)

Compound	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
1,1-Dichloroethene	0.0	10	10	10	101	102	1
Benzene	0.1	10	10	10	100	99	1
Trichloroethene	0.0	10	10	9	95	95	1
Toluene	0.4	10	10	10	93	94	0
Chlorobenzene	0.0	10	9	9	95	94	1

(4) S-VOC

(µg/L)

Parameter	Blank	3	6	15	16	17	Detection Limits
Acenaphthene	<10	<10	<10	<10	<10	<10	10
Acenaphthylene	<10	<10	<10	<10	<10	<10	10
Aldrin	<10	<10	<10	<10	<10	<10	10

(4) S-VOC, Continued

(µg/L)

Parameter	Blank	3	6	15	16	17	Detection Limits
Aniline	<10	<10	<10	<10	<10	<10	10
Anthracene	<10	<10	<10	<10	<10	<10	10
Benzo[a]anthracene	<10	<10	<10	<10	<10	<10	10
Benzo(b)fluoranthene	<10	<10	<10	<10	<10	<10	10
Benzo(k)fluoranthene	<10	<10	<10	<10	<10	<10	10
Benzo(g,h,i)perylene	<10	<10	<10	<10	<10	<10	10
Benzo(a)pyrene	<10	<10	<10	<10	<10	<10	10
Benzyl alcohol	<20	<20	<20	<20	<20	<20	20
alpha-BHC	<10	<10	<10	<10	<10	<10	10
beta-BHC	<10	<10	<10	<10	<10	<10	10
delta-BHC	<10	<10	<10	<10	<10	<10	10
gamma-BHC (Lindane)	<10	<10	<10	<10	<10	<10	10
Bis(2-chloroethyl)ether	<10	<10	<10	<10	<10	<10	10
Bis(2-chloroisopropyl) ether	<10	<10	<10	<10	<10	<10	10
Bis(2-ethylhexyl) phthalate	<10	<10	<10	<10	<10	<10	10
4-Bromophenyl phenyl ether	<10	<10	<10	<10	<10	<10	10
Butyl benzyl phthalate	<10	<10	<10	<10	<10	<10	10
4-Chloroaniline	<20	<20	<20	<20	<20	<20	20
2-Chloronaphthalene	<10	<10	<10	<10	<10	<10	10
4-Chlorophenyl phenyl ether	<10	<10	<10	<10	<10	<10	10
Chrysene	<10	<10	<10	<10	<10	<10	10
4,4'-DDD	<10	<10	<10	<10	<10	<10	10
4,4'-DDE	<10	<10	<10	<10	<10	<10	10
4,4'-DDT	<10	<10	<10	<10	<10	<10	10
Dibenz(a,h)anthracene	<10	<10	<10	<10	<10	<10	10
Dibenzofuran	<10	<10	<10	<10	<10	<10	10
Di-n-butylphthalate	<10	<10	<10	<10	<10	<10	10
1,2-Dichlorobenzene	<10	<10	<10	<10	<10	<10	10
1,3-Dichlorobenzene	<10	<10	<10	<10	<10	<10	10
1,4-Dichlorobenzene	<10	<10	<10	<10	<10	<10	10
3,3'-Dichlorobenzidine	<20	<20	<20	<20	<20	<20	20
Dieldrin	<10	<10	<10	<10	<10	<10	10
Diethylphthalate	<10	<10	<10	<10	<10	<10	10

(4) S-VOC, Continued

(µg/L)

Parameter	Blank	3	6	15	16	17	Detection Limits
Dimethyl phthalate	<10	<10	<10	<10	<10	<10	10
2,4-Dinitrotoluene	<10	<10	<10	<10	<10	<10	10
2,6-Dinitrotoluene	<10	<10	<10	<10	<10	<10	10
Di-n-octyl phthalate	<10	<10	<10	<10	<10	<10	10
Endosulfan I	<10	<10	<10	<10	<10	<10	10
Endosulfan II	<10	<10	<10	<10	<10	<10	10
Endosulfan sulfate	<10	<10	<10	<10	<10	<10	10
Endrin	<10	<10	<10	<10	<10	<10	10
Fluoranthene	<10	<10	<10	<10	<10	<10	10
Fluorene	<10	<10	<10	<10	<10	<10	10
Heptachlor	<10	<10	<10	<10	<10	<10	10
Heptachlor epoxide	<10	<10	<10	<10	<10	<10	10
Hexachlorobenzene	<10	<10	<10	<10	<10	<10	10
Hexachlorobutadiene	<10	<10	<10	<10	<10	<10	10
Hexachlorocyclopentadiene	<10	<10	<10	<10	<10	<10	10
Hexachloroethane	<10	<10	<10	<10	<10	<10	10
Indeno(1,2,3-cd)pyrene	<10	<10	<10	<10	<10	<10	10
Isophorone	<10	<10	<10	<10	<10	<10	10
2-Methylnaphthalene	<10	<10	<10	<10	<10	<10	10
Naphthalene	<10	<10	<10	177	<10	<10	10
2-Nitroaniline	<50	<50	<50	<50	<50	<50	50
3-Nitroaniline	<50	<50	<50	<50	<50	<50	50
4-Nitroaniline	<50	<50	<50	<50	<50	<50	50
Nitrobenzene	<10	<10	<10	<10	<10	<10	10
N-Nitrosomethylethylamine	<10	<10	<10	<10	<10	<10	10
N-Nitrosodiphenylamine	<10	<10	<10	<10	<10	<10	10
N-Nitrosodi-n-propylamine	<10	<10	<10	<10	<10	<10	10
Phenanthrene	<10	<10	<10	<10	<10	<10	10
Pyrene	<10	<10	<10	<10	<10	<10	10
1,2,4-Trichlorobenzene	<10	<10	<10	<10	<10	<10	10

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(4) S-VOC, Continued

(µg/L)

Parameter	Blank	9	18	Detection Limits
Acenaphthene	<10	42	<10	10
Acenaphthylene	<10	<10	<10	10
Aldrin	<10	<10	<10	10
Aniline	<10	<10	<10	10
Anthracene	<10	13	<10	10
Benzo[a]anthracene	<10	<10	<10	10
Benzo(b)fluoranthene	<10	<10	<10	10
Benzo(k)fluoranthene	<10	<10	<10	10
Benzo(g,h,i)perylene	<10	<10	<10	10
Benzo(a)pyrene	<10	<10	<10	10
Benzyl alcohol	<20	<20	<20	20
alpha-BHC	<10	<10	<10	10
beta-BHC	<10	<10	<10	10
delta-BHC	<10	<10	<10	10
gamma-BHC (Lindane)	<10	<10	<10	10
Bis(2-chloroethyl)ether	<10	<10	<10	10
Bis(2-chloroisopropyl) ether	<10	<10	<10	10
Bis(2-ethylhexyl) phthalate	<10	<10	<10	10
4-Bromophenyl phenyl ether	<10	<10	<10	10
Butyl benzyl phthalate	<10	<10	<10	10
4-Chloroaniline	<20	<20	<20	20
2-Chloronaphthalene	<10	<10	<10	10
4-Chlorophenyl phenyl ether	<10	<10	<10	10
Chrysene	<10	<10	<10	10
4,4'-DDD	<10	<10	<10	10
4,4'-DDE	<10	<10	<10	10
4,4'-DDT	<10	<10	<10	10
Dibenz(a,h)anthracene	<10	<10	<10	10
Dibenzofuran	<10	31	<10	10
Di-n-butylphthalate	<10	<10	<10	10
1,2-Dichlorobenzene	<10	<10	<10	10
1,3-Dichlorobenzene	<10	<10	<10	10
1,4-Dichlorobenzene	<10	<10	<10	10
3,3'-Dichlorobenzidine	<20	<20	<20	20
Dieldrin	<10	<10	<10	10
Diethylphthalate	<10	<10	<10	10

(4) S-VOC, Continued

Parameter	Blank (ug/L)	9 (ug/L)	18 (ug/L)	Detection Limits (ug/L)
Dimethyl phthalate	<10	<10	<10	10
2,4-Dinitrotoluene	<10	<10	<10	10
2,6-Dinitrotoluene	<10	<10	<10	10
Di-n-octyl phthalate	<10	<10	<10	10
Endosulfan I	<10	<10	<10	10
Endosulfan II	<10	<10	<10	10
Endosulfan sulfate	<10	<10	<10	10
Endrin	<10	<10	<10	10
Fluoranthene	<10	10	<10	10
Fluorene	<10	32	<10	10
Heptachlor	<10	<10	<10	10
Heptachlor epoxide	<10	<10	<10	10
Hexachlorobenzene	<10	<10	<10	10
Hexachlorobutadiene	<10	<10	<10	10
Hexachlorocyclopentadiene	<10	<10	<10	10
Hexachloroethane	<10	<10	<10	10
Indeno(1,2,3-cd)pyrene	<10	<10	<10	10
Isophorone	<10	<10	<10	10
2-Methylnaphthalene	<10	48	<10	10
Naphthalene	<10	577	<10	10
2-Nitroaniline	<50	<50	<50	50
3-Nitroaniline	<50	<50	<50	50
4-Nitroaniline	<50	<50	<50	50
Nitrobenzene	<10	<10	<10	10
N-Nitrosomethylethylamine	<10	<10	<10	10
N-Nitrosodiphenylamine	<10	<10	<10	10
N-Nitrosodi-n-propylamine	<10	<10	<10	10
Phenanthrene	<10	58	<10	10
Pyrene	<10	11	<10	10
1,2,4-Trichlorobenzene	<10	<10	<10	10

Surrogate Compounds (% Rec.)	Blank	9	18
Nitrobenzene-d5	79.9	65.6	75.5
2-Fluorobiphenyl	68.0	54.0	66.3
Terphenyl-d14	54.5	68.2	58.8

Date of Analysis: 6/15/95
Date of Extraction: 6/2/95

Analyst: Beth Dannenberger
Extractor: Jennifer George

(4) S-VOC, Continued

Semi-Volatile Quality Control Data

Spiked Sample: 57539C-3

(µg/L)

Compound	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
1,4-Dichlorobenzene	0.0	100	51	44	51	44	14
N-Nitroso-di-n-propylamine	0.0	100	62	56	62	56	10
1,2,4-Trichlorobenzene	0.0	100	48	41	48	41	15
Acenaphthene	0.0	100	49	46	49	46	6
2,4-Dinitrotoluene	0.1	100	45	43	45	43	3
Pyrene	0.0	100	45	43	45	43	5

Semi-Volatile Quality Control Data

Spiked Sample: Reagent Water Spike

(µg/L)

Compound	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
1,4-Dichlorobenzene	0.0	100	76	73	76	73	5
N-Nitroso-di-n-propylamine	0.2	100	89	85	88	84	5
1,2,4-Trichlorobenzene	0.0	100	69	67	69	67	3
Acenaphthene	0.0	100	75	72	75	72	4
2,4-Dinitrotoluene	0.0	100	67	66	67	66	3
Pyrene	0.0	100	68	67	68	67	1

(5) Pesticides/PCB's

PCB Results

(µg/L)

Analyte	blk	3	6	9	14	16	17	18
PCB 1016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB 1221	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB 1232	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB 1242	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB 1248	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB 1254	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB 1260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

(5) Pesticides/PCB's, Continued

PCB Results, Continued

(µg/L)

Analyte	blk	3	6	9	14	16	17	18
Aldrin	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlordane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

(% (Recovery)

Surrogates	blk	3	6	9	14	16	17	18
TMX	78	74	98	80	69	71	76	70
DCB	49	48	65	50	48	50	50	50

Date of Analysis: 6/16/95
Date of Extraction: 6/13/95

Analyst: Jennifer George
Extractor: Bryce G. McHale

PCB Quality Control Data

Spiked Sample: 57539C-9

(µg/L)

Analyte	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
PCB 1242	0	10	9.03	6.54	90.3	65.4	32.0

REMARKS

Chain of Custody document enclosed

ENVIRONMENTAL COMPLIANCE, INC.

Lance Stokes, Ph.D.

LS/lar
057539C

CHAIN OF CUSTODY RECORD

ECI
ENVIRONMENTAL COMPLIANCE, INC.
35526 Grand River Ave., Suite 151 • Farmington Hills, MI 48335 • Phone (810) 557-2707 • Fax (810) 528-5174

Date: 6/10/95 057539C

Page 1 of 3

Purchase Order No.: Reference No.: 480.27.005

SEND INVOICE TO
Name: Sven Pavlovics
Company: Blasland Bouck & Lee (BB&L) Dept.:
Address: 185 NW Spanish River Blvd Suite 110
City, State, Zip: Boca Raton, FL 33431

REPORT RESULTS TO
Name: Sven Pavlovics Title: SPS
Company: Blasland Bouck & Lee
Mailing Address: 185 NW Spanish River Blvd. Suite
City, State, Zip: Boca Raton, FL 33431
Telephone No: 407-750-3733 Fax No.:

Special Instructions:

Sampler: Mike Mueller (BB&L)

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE/ GRAB	PRESERVATIVES	Number of Containers	Method 8270	Method 200.7	Method 232	Method 220.1	Method 245.1	Method 8240	Method 8080	Method 9010	Remarks (matrix)
					ANALYSIS REQUESTED								
GW-6-10 Un Filt (UF)	6/10/95		HNO_3	3		X	X	X	X				GW
GW-6-10 Filt (F)	6/10/95		HNO_3	3		X	X	X	X				
GW-6-10	6/10/95		$NaOH$ (9010)	5	X					X	X	X	
GW-6-10 MS	6/10/95		$NaOH$ (9010)	5	X					X	X	X	
GW-6-10 MSD	6/10/95		$NaOH$ (9010)	5	X					X	X	X	
GW-6-9	6/10/95		$NaOH$ (9010)	5	X					X	X	X	
GW-6-9 UF	6/10/95		HNO_3	1		X	X	X	X				
GW-6-9 F	6/10/95		HNO_3	1		X	X	X	X				
GW-2-1	6/9/95			3	X	X	X	X	X				
GW-2-1 F	6/9/95		HNO_3	1		X	X	X	X				
GW-2-1 UF	6/9/95		HNO_3	1		X	X	X	X				
GW-1-4 UF	6/7/95		HNO_3	1		X	X	X	X				

Relinquished by: Mike Mueller	Date/Time 6/10/95 1430	Received by:	Date/Time 6/10/95
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: Mike Mueller Date 6-10-95
(Client Signature Must Accompany Request)

Rush	5 Working Days	10 Working Days	Sampling Location.
	X		

Distribution: White - ECI Yellow - ECI Pink - Sampler Goldenrod - Client

CHAIN OF CUSTODY RECORD

057598C

Page 2 of 3

ECI
ENVIRONMENTAL COMPLIANCE, INC.

35526 Grand River Ave., Suite 151 • Farmington Hills, MI 48335 • Phone (810) 557-2707 • Fax (810) 528-5174

Date: 6/10

Purchase Order No.: | Reference No.: 480.27

SEND INVOICE TO
Name: Sven Pavlovics
Company: Blasland Bouck & Lee | Dept.
Address: 185 NW Spanish River Blvd
City, State, Zip: Boca Raton, FL 33431

REPORT RESULTS TO
Name: Sven Pavlovics | Title
Company: Blasland Bouck & Lee
Mailing Address: 185 NW Spanish River Blvd
City, State, Zip: Boca Raton, FL 33431
Telephone No.: 407-750-3733 | Fax No.

Special Instructions:

Sampler: Mike Mueller (BB+L)

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE/ GRAB	PRESERVATIVES	Number of Containers	ANALYSIS REQUESTED: Method 202.1	Method 213.2	Method 220.2	Method 245.1	Remarks (matrix)
BW 1-4 F	6/7/95		HNO3	1	X	X	X	X	

Relinquished by: Mike Mueller | Date/Time 6/10/95 | Received by: Janice Stokes | Date/Time 6-10-95
Relinquished by: | Date/Time | Received by: | Date/Time
Relinquished by: | Date/Time | Received by: | Date/Time

Method of Shipment:

Authorized by: Mike Mueller Date 6-10-95
(Client Signature Must Accompany Request)

Rush | 5 Working Days (X) | 10 Working Days | Sampling Location:

Distribution: White - ECI Yellow - ECI Pink - Sampler Goldenrod - Client

ECI

ENVIRONMENTAL COMPLIANCE, INC.

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CHAIN OF CUSTODY RECORD

H2O

Date: 6-10-95

B57590C

Purchase Order No.:

Reference No.: 480.27.005

SEND INVOICE TO

Name: SVEN PAULOVICS

Company: BCASCAND BOUCH + LEE

Dept.:

Address: 185 NW 2ND AVE Suite 110

City, State, Zip: BOCA RATON FL 33431

REPORT RESULTS TO

Name: SVEN PAULOVICS Title: SENIOR Proj. Scient. II

Company: BCASCAND BOUCH + LEE

Mailing Address: 185 NW 2ND AVE Suite 110

City, State, Zip: BOCA RATON FL 33431

Telephone No.: 407 750 3733 Fax No.:

Special Instructions:

Sampler: MIKE MUELLER (BB+C)

ANALYSIS REQUESTED

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE/ GRAB	PRESERVATIVES	Number of Containers	8270	8080	8260	200.7	220.2	245.1	213.2	Remarks (matrix)
GW 2-12	6-10-95		Yes Unstck			✓		✓	✓	✓	✓	
GW 3-1	6-10-95		Yes Unstck		✓							
GW 6-5	6-10-95		HNO3 Metals		✓	✓	✓	✓	✓	✓	✓	
GW 2-13	6-10-95		HNO3 Metals		✓	✓	✓	✓	✓	✓	✓	
DUPLICATE	6-10-95		HNO3 Metals		✓	✓	✓	✓	✓	✓	✓	

Relinquished by: Mike Mueller	Date/Time 6/10/95 14:30	Received by:	Date/Time 6/10/95
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: Mike Mueller Date 6/10/95

(Client Signature Must Accompany Request)

Rush	5 Working Days	10 Working Days	Sampling Location.
	X		

Distribution: White - ECI Yellow - ECI Pink - Sampler Goldenrod - Client

ECI
ENVIRONMENTAL COMPLIANCE, INC.

35526 Grand River Ave., Suite 151 • Farmington Hills, MI 48335 • Phone (810) 557-2707 • Fax (810) 528-5174

Blasland, Bouck & Lee
185 Northwest Spanish River Blvd.
Suite 110
Boca Raton, FL 33431

Attn: Mr. Greg Corbett

DATE: July 6, 1995

REPORT NO.: 057539A

P.O. NO.: Project #480.27.005

INVOICE NO.: 007461

WORK REQUESTED

Chemical Analysis per SW-846, Method 8270 (SW) and EPA 600/4-79-020 (EPA) for:

(1) Semi-Volatile Organic Compounds (S-VOC), SW

(2) Metals (EPA)

(a) Aluminum (Method 200.7)
(b) Cadmium (Method 213.2)
(c) Chromium (Method 200.7)
(d) Lead (Method 220.2)
(e) Mercury (Method 245.1)
(f) Nickel (Method 200.7)
(g) Zinc (Method 200.7)

(3) QA/QC Data

DESCRIPTION OF SAMPLE

Nine (9) samples reported to be "Water" and identified as G. M. Willow Run Assembly Plant, Grab and:

(1) GW-7-2 (S-VOC)
(2) GW-7-2F, HNO_3 (Metals)
(3) GW-7-2UF, HNO_3 (Metals)
(4) GW-7-1 (S-VOC)
(5) GW-7-1F (Metals)
(6) GW 7-1UF (Metals)
(7) GW-5-2-F (Lead)
(8) GW-5-2-UF (Lead
(9) Eq Blk (Metals)

CHEMICAL ANALYSIS (SW/EPA)

(1) S-VOC

(ug/L)

Parameter	Blank	1	4
Acenaphthene	<10	<10	<10
Acenaphthylene	<10	<10	<10
Aldrin	<10	<10	<10

TEST RESULTS ARE APPLICABLE ONLY TO ITEMS TESTED.

ECI

ENVIRONMENTAL COMPLIANCE, INC.

(1) S-VOC, Continued

(ug/L)

Parameter	Blank	1	4
Aniline	<10	<10	<10
Anthracene	<10	<10	<10
Benzo[a]anthracene	<10	<10	<10
Benzo(b)fluoranthene	<10	<10	<10
Benzo(k)fluoranthene	<10	<10	<10
Benzo(g,h,i)perylene	<10	<10	<10
Benzo(a)pyrene	<10	<10	<10
Benzyl alcohol	<20	<20	<20
alpha-BHC	<10	<10	<10
beta-BHC	<10	<10	<10
delta-BHC	<10	<10	<10
gamma-BHC (Lindane)	<10	<10	<10
Bis(2-chloroethyl)ether	<10	<10	<10
Bis(2-chloroisopropyl) ether	<10	<10	<10
Bis(2-ethylhexyl) phthalate	<10	<10	<10
4-Bromophenyl phenyl ether	<10	<10	<10
Butyl benzyl phthalate	<10	<10	<10
4-Chloroaniline	<20	<20	<20
2-Chloronaphthalene	<10	<10	<10
4-Chlorophenyl phenyl ether	<10	<10	<10
Chrysene	<10	<10	<10
4,4'-DDD	<10	<10	<10
4,4'-DDE	<10	<10	<10
4,4'-DDT	<10	<10	<10
Dibenz(a,h)anthracene	<10	<10	<10
Dibenzofuran	<10	<10	<10
Di-n-butylphthalate	<10	<10	<10
1,2-Dichlorobenzene	<10	<10	<10
1,3-Dichlorobenzene	<10	<10	<10
1,4-Dichlorobenzene	<10	<10	<10
3,3'-Dichlorobenzidine	<20	<20	<20
Dieldrin	<10	<10	<10
Diethylphthalate	<10	<10	<10
Dimethyl phthalate	<10	<10	<10

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(1) S-VOC, Continued

(ug/L)

Parameter	Blank	1	4
2,4-Dinitrotoluene	<10	<10	<10
2,6-Dinitrotoluene	<10	<10	<10
Di-n-octyl phthalate	<10	<10	<10
Endosulfan I	<10	<10	<10
Endosulfan II	<10	<10	<10
Endosulfan sulfate	<10	<10	<10
Endrin	<10	<10	<10
Fluoranthene	<10	<10	<10
Fluorene	<10	<10	<10
Heptachlor	<10	<10	<10
Heptachlor epoxide	<10	<10	<10
Hexachlorobenzene	<10	<10	<10
Hexachlorobutadiene	<10	<10	<10
Hexachlorocyclopentadiene	<10	<10	<10
Hexachloroethane	<10	<10	<10
Indeno(1,2,3-cd)pyrene	<10	<10	<10
Isophorone	<10	<10	<10
2-Methylnaphthalene	<10	<10	<10
Naphthalene	<10	<10	<10
2-Nitroaniline	<50	<50	<50
3-Nitroaniline	<50	<50	<50
4-Nitroaniline	<50	<50	<50
Nitrobenzene	<10	<10	<10
N-Nitrosomethylethylamine	<10	<10	<10
N-Nitrosodiphenylamine	<10	<10	<10
N-Nitrosodi-n-propylamine	<10	<10	<10
Phenanthrene	<10	<10	<10
Pyrene	<10	<10	<10
1,2,4-Trichlorobenzene	<10	<10	<10

Surrogate Compounds (% Rec.)	Blank	1	4
Nitrobenzene-d5	72.7	44.6	51.5
2-Fluorobiphenyl	64.2	39.2	45.0
Terphenyl-d14	59.1	31.3	43.0

Date of Extraction: 6/12/95
Date of Analysis: 6/13/95

Extractor: Jennifer George
Analyst: Beth Dannenberger

TEST RESULTS ARE APPLICABLE ONLY TO ITEMS TESTED.

CHEMICAL ANALYSIS (SW/EPA), Continued

(2) Metals

Parameter (µg/L)

Sample	Lead	Cadmium	Chromium	Zinc	Aluminum	Nickel	Mercury
Blank	<5	<0.5	<200	<200	<200	<200	<0.2
2	440	39	<200	<200	<200	<200	0.3
3	390	29	<200	<200	1,470	<200	0.3
5	6.8	6.8	<200	<200	<200	<200	0.3
6	900	26	<200	<200	24,200	<200	0.5
7	660	-	-	-	-	-	-
8	660	-	-	-	-	-	-
9	410	15	<200	<200	<200	<200	0.3

Date of Analysis: 6/15/95 Analyst: Mike A. Smith

Metals Quality Control Data

Spiked Sample: 57539C-1

Date: 6/15/95

(µg/L)

Analyte	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
Aluminum	1,120	1,000	1,880	1,960	76	84	4.2
Cadmium	20	0.8	20	20	NC	NC	0.0
Chromium	0	1,000	1,120	1,040	112	104	7.4
Lead	110	10	110	100	NC	NC	9.5
Mercury	0	5	5	5	100	100	0.0
Nickel	340	1,000	1,016	1,063	67.6	72.3	4.5
Zinc	0	1,000	1,140	1,130	114	113	0.9

NC: Not Calculated. Spike recoveries were not calculated for this analyte because the sample concentration was greater than four times the spike added. The RPD calculations for these samples were based on sample and duplicate results rather than spike and spike duplicate results.

CHEMICAL ANALYSIS (SW/EPA), Continued

(3) QA/QC Data

Spiked Sample: 57539C-3

Date: 6/13/95

(µg/L)

Compound	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
1,4-Dichlorobenzene	0.0	100	51	44	51	44	14
N-Nitroso-di-n-propylamine	0.0	100	62	56	62	56	10
1,2,4-Trichlorobenzene	0.0	100	48	41	48	41	15
Acenaphthene	0.0	100	49	46	49	46	6
2,4-Dinitrotoluene	0.0	100	45	43	45	43	3
Pyrene	0.0	100	45	43	45	43	5

REMARKS

Chain of Custody document enclosed

ENVIRONMENTAL COMPLIANCE, INC.

Lance Stokes, Ph.D.

LS/lar
057539A

CHAIN OF CUSTODY RECORD

05253

ECI
ENVIRONMENTAL COMPLIANCE, INC.

35526 Grand River Ave., Suite 151 • Farmington Hills, MI 48335 • Phone (810) 557-2707 • Fax (810) 528-5174

Date: 6/6/95

Page 1 of 1

Purchase Order No.: | Reference No.: 480.27.005

SEND INVOICE TO
Name: Sven Pavalovics
Company: Blasland, Bouck + Lee, Inc | Dept.:
Address: 185 Northwest 2nd Ave, Suite 110
City, State, Zip: Boca Raton, FL 33431

REPORT RESULTS TO
Name: Sven Pavalovics | Title: Senior Project Scientist
Company: Blasland, Bouck + Lee, Inc
Mailing Address: 185 Northwest 2nd Ave, Suite 110
City, State, Zip: Boca Raton, FL 33431
Telephone No.: (407) 750-3533 | Fax No.:

Special Instructions:
5 ~~Week~~ Day T.A.T

Sampler: Mike Mueller (Blasland, Bouck + Lee, Inc)

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE/ GRAB	PRESERVATIVES	Number of Containers	ANALYSIS REQUESTED: Method 8270	Method 200.7	Method 213.2	Method 220.2	Method 245.1	Remarks (matrix)
GW-7-2		Grab		1	✓					Water
GW-7-2F			HNO_3	1		✓	✓	✓	✓	
GW-7-2UF			HNO_3	1		✓	✓	✓	✓	
GW-7-1				1	✓					
GW-7-1F			HNO_3	1	✓	✓	✓	✓	✓	
GW-7-1UF			HNO_3	1	✓	✓	✓	✓	✓	
GW-5-2-F			HNO_3	1				✓		
GW-5-2-UF			HNO_3	1				✓		
Eq BIK		✓	HNO_3	1		✓	✓	✓	✓	✓

Relinquished by: Mike Mueller | Date/Time 6-6-95 16:20 | Received by: [signature] | Date/Time 16:20 6/6/95
Relinquished by: [signature] | Date/Time 6-6-95 16:55 | Received by: [signature] | Date/Time 16:55 6/6/95
Relinquished by: | Date/Time | Received by: | Date/Time

Method of Shipment:

Authorized by: Mike Mueller (Client Signature Must Accompany Request) Date 6-6-95

Rush | 5 Working Days: X | 10 Working Days | Sampling Location: GM Willow Run Assembly Plant

ECI
ENVIRONMENTAL COMPLIANCE, INC.

35526 Grand River Ave., Suite 151 • Farmington Hills, MI 48335 • Phone (810) 557-2707 • Fax (810) 528-5174

Blasland, Bouck & Lee
185 Northwest Spanish River Blvd.
Suite 110
Boca Raton, FL 33431

Attn: Mr. Greg Corbett

DATE: July 6, 1995

REPORT NO.: 057539B

P.O. NO.: Project #480.27.005

INVOICE NO.: 007463

WORK REQUESTED

Chemical Analysis per SW-846 (SW) for:

(1) Semi-Volatile Organic Compounds (S-VOC), Method 8270

(2) Metals

(a) Aluminum (Method 6010)
(b) Arsenic (Method 6010)
(c) Barium (Method 6010)
(d) Cadmium (Method 7131)
(e) Chromium (Method 6010)
(f) Lead (Method 7421)
(g) Mercury (Method 7471)
(h) Nickel (Method 6010)
(i) Selenium (Method 6010)
(j) Silver (Method 7761)
(k) Zinc (Method 6010)

DESCRIPTION OF SAMPLE

Thirteen (13) samples reported to be "Soil" and identified as G. M. Willow Run Assembly Plant, 6/5/95, Composite and:

(1) SB-7-2-18-20 (S-VOC)
(2) SB-7-2-0-2 (S-VOC)
(3) SB-7-2-14-16 (Metals)
(4) SB-7-2-4-6 (Metals)
(5) SB-5-1-8.5-10.5 (Lead)
(6) SB-5-2-1-3 (Lead)
(7) SB-5-3-8-10 (Lead)
(8) SB-7-1-4-6 (S-VOC/Metals)
(9) SB-7-1-16-18 (S-VOC/Metals)
(10) SB-3-4-10-13 (S-VOC)
(11) SB-3-3-10-13 (S-VOC)
(12) SB-3-2-10-13 (S-VOC)
(13) SB-3-1-10-13 (S-VOC)

CHEMICAL ANALYSIS (SW)

(1) S-VOC

(µg/kg dry weight)

Parameter	Blank	1	2	8	9	10	Detection Limits
Acenaphthene	<330	<330	<330	<330	515	<330	330
Acenaphthylene	<330	<330	<330	<330	<330	<330	330
Aldrin	<330	<330	<330	<330	<330	<330	330
Aniline	<330	<330	<330	<330	<330	<330	330

TEST RESULTS ARE APPLICABLE ONLY TO ITEMS TESTED.

ECI

ENVIRONMENTAL COMPLIANCE, INC.

(1) S-VOC, Continued

(µg/kg dry weight)

Parameter	Blank	1	2	8	9	10	Detection Limits
Anthracene	<330	420	<330	<330	1,280	<330	330
Benzo[a]anthracene	<330	466	363	560	2,810	<330	330
Benzo(b)fluoranthene	<330	<330	<330	443	1,390	<330	330
Benzo(k)fluoranthene	<330	<330	<330	<330	4,160	<330	330
Benzo(g,h,i)perylene	<330	634	<330	390	968	<330	330
Benzo(a)pyrene	<330	<330	<330	428	2,930	<330	330
Benzyl alcohol	<660	<660	<660	<660	<660	<660	660
alpha-BHC	<330	<330	<330	<330	<330	<330	330
beta-BHC	<330	<330	<330	<330	<330	<330	330
delta-BHC	<330	<330	<330	<330	<330	<330	330
gamma-BHC (Lindane)	<330	<330	<330	<330	<330	<330	330
Bis(2-chloroethyl)ether	<330	<330	<330	<330	<330	<330	330
Bis(2-chloroisopropyl) ether	<330	<330	<330	<330	<330	<330	330
Bis(2-ethylhexyl) phthalate	<330	<330	<330	<330	<330	<330	330
4-Bromophenyl phenyl ether	<330	<330	<330	<330	<330	<330	330
Butyl benzyl phthalate	<330	<330	<330	<330	<330	<330	330
4-Chloroaniline	<660	<660	<660	<660	<660	<660	660
2-Chloronaphthalene	<330	<330	<330	<330	<330	<330	330
4-Chlorophenyl phenyl ether	<330	<330	<330	<330	<330	<330	330
Chrysene	<330	515	409	629	4,340	<330	330
4,4'-DDD	<330	<330	<330	<330	<330	<330	330
4,4'-DDE	<330	<330	<330	<330	<330	<330	330
4,4'-DDT	<330	<330	<330	<330	<330	<330	330
Dibenz(a,h)anthracene	<330	<330	<330	<330	<330	<330	330
Dibenzofuran	<330	<330	<330	<330	<330	<330	330
Di-n-butylphthalate	<330	<330	<330	<330	<330	<330	330
1,2-Dichlorobenzene	<330	<330	<330	<330	<330	<330	330
1,3-Dichlorobenzene	<330	<330	<330	<330	<330	<330	330
1,4-Dichlorobenzene	<330	<330	<330	<330	<330	<330	330
3,3'-Dichlorobenzidine	<660	<660	<660	<660	<660	<660	660
Dieldrin	<330	<330	<330	<330	<330	<330	330
Diethylphthalate	<330	<330	<330	<330	<330	<330	330
Dimethyl phthalate	<330	<330	<330	<330	<330	<330	330
2,4-Dinitrotoluene	<330	<330	<330	<330	<330	<330	330
2,6-Dinitrotoluene	<330	<330	<330	<330	<330	<330	330

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ENVIRONMENTAL COMPLIANCE, INC.

(1) S-VOC, Continued

(ug/kg dry weight)

Parameter	Blank	1	2	8	9	10	Detection Limits
Di-n-octyl phthalate	<330	<330	<330	<330	<330	<330	330
Endosulfan I	<330	<330	<330	<330	<330	<330	330
Endosulfan II	<330	<330	<330	<330	<330	<330	330
Endosulfan sulfate	<330	<330	<330	<330	<330	<330	330
Endrin	<330	<330	<330	<330	<330	<330	330
Fluoranthene	<330	1,170	714	1,010	11,900	<330	330
Fluorene	<330	<330	<330	<330	463	<330	330
Heptachlor	<330	<330	<330	<330	<330	<330	330
Heptachlor epoxide	<330	<330	<330	<330	<330	<330	330
Hexachlorobenzene	<330	<330	<330	<330	<330	<330	330
Hexachlorobutadiene	<330	<330	<330	<330	<330	<330	330
Hexachlorocyclopentadiene	<330	<330	<330	<330	<330	<330	330
Hexachloroethane	<330	<330	<330	<330	<330	<330	330
Indeno(1,2,3-cd)pyrene	<330	459	<330	<330	1,090	<330	330
Isophorone	<330	<330	<330	<330	<330	<330	330
2-Methylnaphthalene	<330	<330	<330	<330	<330	<330	330
Naphthalene	<330	<330	<330	<330	<330	<330	330
2-Nitroaniline	<1,650	<1,650	<1,650	<1,650	<1,650	<1,650	1,650
3-Nitroaniline	<1,650	<1,650	<1,650	<1,650	<1,650	<1,650	1,650
4-Nitroaniline	<1,650	<1,650	<1,650	<1,650	<1,650	<1,650	1,650
Nitrobenzene	<330	<330	<330	<330	<330	<330	330
N-Nitrosomethylethylamine	<330	<330	<330	<330	<330	<330	330
N-Nitrosodiphenylamine	<330	<330	<330	<330	<330	<330	330
N-Nitrosodi-n-propylamine	<330	<330	<330	<330	<330	<330	330
Phenanthrene	<330	1440	496	778	8,150	<330	330
Pyrene	<330	843	530	2,060	7,020	<330	330
1,2,4-Trichlorobenzene	<330	<330	<330	<330	<330	<330	330

Surrogate Compounds (% Rec.)	Blank	1	2	8	9	10
Nitrobenzene-d5	60.8	68.6	67.4	50.2	55.7	66.2
2-Fluorobiphenyl	50.3	56.7	61.4	45.7	57.2	68.6
Terphenyl-d14	44.7	41.2	42.4	55.8	27.4	56.8

TEST RESULTS ARE APPLICABLE ONLY TO ITEMS TESTED.

(1) S-VOC, Continued

(µg/kg dry weight)

Parameter	11	12	13	Detection Limits
Acenaphthene	<330	<330	<330	330
Acenaphthylene	<330	<330	<330	330
Aldrin	<330	<330	<330	330
Aniline	<330	<330	<330	330
Anthracene	<330	<330	<330	330
Benzo[a]anthracene	<330	<330	<330	330
Benzo(b)fluoranthene	<330	<330	<330	330
Benzo(k)fluoranthene	<330	<330	<330	330
Benzo(g,h,i)perylene	<330	<330	<330	330
Benzo(a)pyrene	<330	<330	<330	330
Benzyl alcohol	<660	<660	<660	660
alpha-BHC	<330	<330	<330	330
beta-BHC	<330	<330	<330	330
delta-BHC	<330	<330	<330	330
gamma-BHC (Lindane)	<330	<330	<330	330
Bis(2-chloroethyl)ether	<330	<330	<330	330
Bis(2-chloroisopropyl) ether	<330	<330	<330	330
Bis(2-ethylhexyl) phthalate	<330	<330	<330	330
4-Bromophenyl phenyl ether	<330	<330	<330	330
Butyl benzyl phthalate	<330	<330	<330	330
4-Chloroaniline	<660	<660	<660	660
2-Chloronaphthalene	<330	<330	<330	330
4-Chlorophenyl phenyl ether	<330	<330	<330	330
Chrysene	<330	<330	<330	330
4,4'-DDD	<330	<330	<330	330
4,4'-DDE	<330	<330	<330	330
4,4'-DDT	<330	<330	<330	330
Dibenz(a,h)anthracene	<330	<330	<330	330
Dibenzofuran	<330	<330	<330	330
Di-n-butylphthalate	<330	<330	<330	330
1,2-Dichlorobenzene	<330	<330	<330	330
1,3-Dichlorobenzene	<330	<330	<330	330
1,4-Dichlorobenzene	<330	<330	<330	330
3,3'-Dichlorobenzidine	<660	<660	<660	660
Dieldrin	<330	<330	<330	330

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(1) S-VOC, Continued

(µg/kg dry weight)

Parameter	11	12	13	Detection Limits
Diethylphthalate	<330	<330	<330	330
Dimethyl phthalate	<330	<330	<330	330
2,4-Dinitrotoluene	<330	<330	<330	330
2,6-Dinitrotoluene	<330	<330	<330	330
Di-n-octyl phthalate	<330	<330	<330	330
Endosulfan I	<330	<330	<330	330
Endosulfan II	<330	<330	<330	330
Endosulfan sulfate	<330	<330	<330	330
Endrin	<330	<330	<330	330
Fluoranthene	<330	<330	<330	330
Fluorene	<330	<330	<330	330
Heptachlor	<330	<330	<330	330
Heptachlor epoxide	<330	<330	<330	330
Hexachlorobenzene	<330	<330	<330	330
Hexachlorobutadiene	<330	<330	<330	330
Hexachlorocyclopentadiene	<330	<330	<330	330
Hexachloroethane	<330	<330	<330	330
Indeno(1,2,3-cd)pyrene	<330	<330	<330	330
Isophorone	<330	<330	<330	330
2-Methylnaphthalene	<330	<330	<330	330
Naphthalene	<330	<330	2810	330
2-Nitroaniline	<1,650	<1,650	<1,650	1,650
3-Nitroaniline	<1,650	<1,650	<1,650	1,650
4-Nitroaniline	<1,650	<1,650	<1,650	1,650
Nitrobenzene	<330	<330	<330	330
N-Nitrosomethylethylamine	<330	<330	<330	330
N-Nitrosodiphenylamine	<330	<330	<330	330
N-Nitrosodi-n-propylamine	<330	<330	<330	330
Phenanthrene	<330	<330	<330	330
Pyrene	<330	<330	<330	330
1,2,4-Trichlorobenzene	<330	<330	<330	330

(1) S-VOC, Continued

(µg/kg dry weight)

Surrogate Compounds (% Rec.)	11	12	13
Nitrobenzene-d5	93.4	61.9	70.2
2-Fluorobiphenyl	65.6	57.1	40.7
Terphenyl-d14	27.5	104.4	50.6

Date of Extraction/Analysis: 6/9/96
Extractor: Jennifer George
Analyst: Beth Dannenberger

Semi-Volatile Quality Control Data

Spiked Sample: 57539B-8
Date: 6/9/95

(µg/Kg)

Compound	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
1,4-Dichlorobenzene	0.0	3,300	1,914	2,013	58	61	6
N-Nitroso-di-n-propylamine	0.0	3,300	2,343	2,442	71	74	4
1,2,4-Trichlorobenzene	0.0	3,300	1,815	1,881	55	57	3
Acenaphthene	0.0	3,300	1,881	1,914	57	57	0
2,4-Dinitrotoluene	0.0	3,300	1,716	1,683	52	51	1
Pyrene	0.0	3,300	1,353	1,287	41	39	3

CHEMICAL ANALYSIS (SW), Continued

(2) Metals

Parameter (µg/Kg dry weight)

Sample	Pb*	Cd*	Ag*	As*	Ba*	Cr*	Se*	Zn*	Al*	Ni*	Hg*
Blk	<1000	<50	<500	<2000	<2000	<2500	<2000	<2000	<2000	<2000	<100
3	4970	3420	<500	3640	27600	6950	<2000	22500	5140000	5850	<100
4	10980	2170	<500	3260	11600	9780	<2000	33500	5460000	7930	<100
5	3000	-	-	-	-	-	-	-	-	-	-
6	3340	-	-	-	-	-	-	-	-	-	-
7	2390	-	-	-	-	-	-	-	-	-	-
8	10090	6510	<500	7920	58800	20200	<2000	81400	15960000	38000	<100
9	14230	1380	<500	2440	26300	9800	<2000	23300	3330000	18800	<100

* Pb - Lead
Cd - Cadmium
Ag - Silver
As - Arsenic
Ba - Barium
Cr - Chromium
Se - Selenium
Zn - Zinc
Al - Aluminum
Ni - Nickel
Hg - Mercury

Date of Analysis: 6/16/95

Analyst: Mike A. Smith

(2) Metals, Continued

Metals Quality Control Data

Spiked Sample: 57539B-3 (57539B-8 for Hg)

Date: 6/16/95

(mg/Kg)

Analyte	Sample Conc	Spike Added	Spike Result	Dup Result	Spike % Rec	Dup % Rec	RPD
Aluminum	4650	10	4650	4690	NC	NC	0.9
Arsenic	3.3	10	13.1	15.2	98	119	14.8
Barium	25	10	42.2	33	172	80	24.5
Cadmium	3.1	10	10.7	11.7	76	86	8.9
Chromium	6.3	10	15.6	15.3	93	90	1.9
Lead	4.5	10	14.8	14.9	103	104	0.7
Mercury	0.002	0.005	0.008	0.008	120	120	0.0
Nickel	5.3	10	14.5	14.4	92	91	0.7
Selenium	0	10	8	6.5	80	65	20.7
Silver	0	0.5	0.5	0.5	100	100	0.0
Zinc	20.4	10	30.4	29.6	100	92	2.7

NC: Not Calculated. Spike recoveries were not calculated for this analyte because the sample concentration was greater than four times the spike added. The RPD calculations for these samples were based on sample and duplicate results rather than spike and spike duplicate results.

REMARKS

Chain of Custody document enclosed

ENVIRONMENTAL COMPLIANCE, INC.

Lance Stokes, Ph.D.

LS/lar
057539B

ECI

ENVIRONMENTAL COMPLIANCE, INC.

35526 Grand River Ave., Suite 151 • Farmington Hills, MI 48335 • Phone (810) 557-2707 • Fax (810) 528-5174

CHAIN OF CUSTODY RECORD

Date: 6/6/95

Page 1 of 2

Project

Purchase Order No.:

Reference No: 4180.27.005

SEND INVOICE TO

Name: Sven Pavalovics

Company: Blasland, Bouck + Lee, Inc. Dept.

Address: 185 Northwest 2nd Ave, Suite 110

City, State, Zip: Boca Raton, FL 33431

REPORT RESULTS TO

Name: Sven Pavalovics Title: Senior Scientist II

Company: Blasland, Bouck + Lee

Mailing Address: 185 Northwest 2nd Ave, Suite 110

City, State, Zip: Boca Raton, FL 33431

Telephone No: ~~(407)~~ (407) 750-3533 Fax No

Special Instructions:

Sampler: Mike Mueller (Blasland, Bouck + Lee)

ANALYSIS REQUESTED

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE/ GRAB	PRESERVATIVES	Number of Containers	Method 8270	Method 7421	Method 6010	Method 7131	Method 7471	Method 1311	Remarks (matrix)
SB-7-2-18-20	6/6/95	Comp	-	1	✓						Soil
SB-7-2-0-2		Comp	-	1	✓						
SB-7-2-14-16		Comp		1		✓	✓	✓	✓	✓	
SB-7-2-4-6		Comp		1		✓	✓	✓	✓	✓	
SB-5-1-8.5-10.5		Comp		1		✓					
SB-5-2-1-3		Comp		1		✓					
SB-5-3-8-10		Comp		1		✓					
SB-7-1-4-6		Comp		2	✓	✓	✓	✓	✓	✓	
SB-7-1-16-18	✓	Comp		2	✓	✓	✓	✓	✓	✓	
SB-3-4-10-13	6/5/95	Comp		1	✓						
SB-3-3-10-13	6/5/95	Comp		1	✓						
SB-3-2-10-13	6/5/95	Comp		1	✓						

Relinquished by: Mike Mueller	Date/Time 6-6-95 16:20	Received by:	Date/Time 6/6/95 16:20
Relinquished by:	Date/Time 6/6/95 16:55	Received by: Brian Whitlatch	Date/Time 6-6-95 16:45
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: Mike Mueller Date 6-6-95

(Client Signature Must Accompany Request)

Rush	5 Working Days	10 Working Days	Sampling Location
	X		GM Willow Run Assembly Plant

Distribution: White - ECI Yellow - ECI Pink - Sampler Goldenrod - Client

ECI

ENVIRONMENTAL COMPLIANCE, INC.

35526 Grand River Ave., Suite 151 • Farmington Hills, MI 48335 • Phone (810) 557-2707 • Fax (810) 528-5174

CHAIN OF CUSTODY RECORD

Date: 6/6/95

Page 2 of 2

Purchase Order No.:

Reference No: 48027 005

SEND INVOICE TO

Name: Sven Pavalovich

Company: Blasland, Bouck + Lee, Inc. Dept:

Address: 185 Northwest 2nd Ave, Ste 110

City, State, Zip: Boca Raton, FL 33431

REPORT RESULTS TO

Name: Sven Pavalovics Title: Senior Project Scientist III

Company: BB+L

Mailing Address: 185 Northwest 2nd Ave Ste 110

City, State, Zip: Boca Raton Fl 33431

Telephone No: (407) 750-3533 Fax No:

Special Instructions:

Sampler: Mike Mueller (Blasland, Bouck + Lee, Inc.)

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE/ GRAB	PRESERVATIVES	Number of Containers	ANALYSIS REQUESTED: Method 8270	Remarks (matrix)
SB-3-1-10-13	6/5/95	Comp	-	1	✓	Soil

Relinquished by: Mike Mueller Date/Time 6/6/95 8:20

Relinquished by: [signature] Date/Time 6-6-95 1655

Relinquished by: Date/Time

Received by: [signature] Date/Time 6/6/95 8:20

Received by: [signature] Date/Time 6.6.95 1655

Received by: Date/Time

Method of Shipment:

Authorized by: Mike Mueller Date 6/6/95

(Client Signature Must Accompany Request)

Rush	5 Working Days	10 Working Days	Sampling Location
	X		GM Willow Run Assembly Plant

Distribution: White - ECI Yellow - ECI Pink - Sampler Goldenrod - Client

Supplemental Phase II Environmental Site Investigation

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES. INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70875
Received: 13 APR 96
Reported: 02 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: MM/TT

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70875-50	SB-16-1 8-10	04-11-96
70875-51	SB-16 Duplicate	04-11-96
70875-52	SB-16-2 8-10'	04-11-96
70875-53	SB-16-3 8-10'	04-11-96
70875-54	SB-16-4 8-10'	04-11-96

PARAMETER	70875-50	70875-51	70875-52	70875-53	70875-54
Semivolatile Organics (8270)					
1,3-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
1,4-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Hexachloroethane, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-Chloroethyl)ether, ug/kg dw	<330	<330	<330	<330	<330
1,2-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-chloroisopropyl)ether , ug/kg dw	<330	<330	<330	<330	<330
N-Nitrosodi-N-Propylamine, ug/kg dw	<330	<330	<330	<330	<330
Nitrobenzene, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorobutadiene, ug/kg dw	<330	<330	<330	<330	<330
1,2,4-Trichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Isophorone, ug/kg dw	<330	<330	<330	<330	<330
Naphthalene, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-Chloroethoxy)methane, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorocyclopentadiene, ug/kg dw	<330	<330	<330	<330	<330
2-Chloronaphthalene, ug/kg dw	<330	<330	<330	<330	<330
Acenaphthylene, ug/kg dw	<330	<330	<330	<330	<330
Acenaphthene, ug/kg dw	<330	<330	<330	<330	<330

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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70875-52	SB-16-2 8-10'	04-11-96
70875-53	SB-16-3 8-10'	04-11-96
70875-54	SB-16-4 8-10'	04-11-96

PARAMETER	70875-50	70875-51	70875-52	70875-53	70875-54
Dimethylphthalate, ug/kg dw	<330	<330	<330	<330	<330
2,6-Dinitrotoluene, ug/kg dw	<330	<330	<330	<330	<330
Fluorene, ug/kg dw	<330	<330	<330	<330	<330
4-Chlorophenyl-phenyl ether, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dinitrotoluene, ug/kg dw	<330	<330	<330	<330	<330
Diethylphthalate, ug/kg dw	<330	<330	<330	<330	<330
N-Nitrosodiphenylamine/diphenylamine, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Gamma-BHC, ug/kg dw	<330	<330	<330	<330	<330
4-Bromophenyl-phenyl-ether, ug/kg dw	<330	<330	<330	<330	<330
Delta-BHC, ug/kg dw	<330	<330	<330	<330	<330
Phenanthrene, ug/kg dw	<330	<330	<330	<330	✓340
Anthracene, ug/kg dw	<330	<330	<330	<330	<330
Beta-BHC, ug/kg dw	<330	<330	<330	<330	<330
Heptachlor, ug/kg dw	<660	<660	<660	<660	<660
Alpha-BHC, ug/kg dw	<330	<330	<330	<330	<330
Aldrin, ug/kg dw	<330	<330	<330	<330	<330
Di-n-butylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Heptachlor epoxide, ug/kg dw	<660	<660	<660	<660	<660

SL SAVANNAH LABORATORIES
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70875-52	SB-16-2 8-10'	04-11-96
70875-53	SB-16-3 8-10'	04-11-96
70875-54	SB-16-4 8-10'	04-11-96

PARAMETER	70875-50	70875-51	70875-52	70875-53	70875-54
Endosulfan I, ug/kg dw	<660	<660	<660	<660	<660
Fluoranthene, ug/kg dw	<330	<330	<330	<330	<330
Dieldrin, ug/kg dw	<330	<330	<330	<330	<330
4,4'-DDE, ug/kg dw	<330	<330	<330	<330	<330
Pyrene, ug/kg dw	<330	<330	<330	<330	<330
Endrin, ug/kg dw	<660	<660	<660	<660	<660
Endosulfan II, ug/kg dw	<660	<660	<660	<660	<660
4,4'-DDD, ug/kg dw	<330	<330	<330	<330	<330
Benzidine, ug/kg dw	<2700	<2700	<2700	<2700	<2700
4,4'-DDT, ug/kg dw	<330	<330	<330	<330	<330
Endosulfan sulfate, ug/kg dw	<660	<660	<660	<660	<660
Endrin Aldehyde, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Butylbenzylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-Ethylhexyl)phthalate, ug/kg dw	<330	<330	<330	<330	<330
Chrysene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(a)anthracene, ug/kg dw	<330	<330	<330	<330	<330
3,3'-Dichlorobenzidine, ug/kg dw	<660	<660	<660	<660	<660
Di-n-octylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Benzo(b)fluoranthene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(k)fluoranthene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(a)pyrene, ug/kg dw	<330	<330	<330	<330	<330

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LOG NO: D6-70875
Received: 13 APR 96
Reported: 02 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: MM/TT

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70875-50	SB-16-1 8-10	04-11-96
70875-51	SB-16 Duplicate	04-11-96
70875-52	SB-16-2 8-10'	04-11-96
70875-53	SB-16-3 8-10'	04-11-96
70875-54	SB-16-4 8-10'	04-11-96

PARAMETER	70875-50	70875-51	70875-52	70875-53	70875-54
Indeno (1,2,3-cd)pyrene, ug/kg dw	<330	<330	<330	<330	<330
Dibenz(a,h)anthracene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(g,h,i)perylene, ug/kg dw	<330	<330	<330	<330	<330
N-Nitrosodimethylamine, ug/kg dw	<330	<330	<330	<330	<330
Chlordane, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Toxaphene, ug/kg dw	<67000	<67000	<67000	<67000	<67000
Aroclor-1016, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1221, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1232, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1242, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1248, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1254, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1260, ug/kg dw	<17000	<17000	<17000	<17000	<17000
2-Chlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2-Nitrophenol, ug/kg dw	<330	<330	<330	<330	<330
Phenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dimethylphenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2,4,6-Trichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
4-Chloro-3-methylphenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dinitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700
2-Methyl-4,6-dinitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700

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Project: #869.50 (Willow Run)
Sampled By: MM/TT

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70875-50	SB-16-1 8-10	04-11-96
70875-51	SB-16 Duplicate	04-11-96
70875-52	SB-16-2 8-10'	04-11-96
70875-53	SB-16-3 8-10'	04-11-96
70875-54	SB-16-4 8-10'	04-11-96

PARAMETER	70875-50	70875-51	70875-52	70875-53	70875-54
Pentachlorophenol, ug/kg dw	<660	<660	<660	<660	<660
4-Nitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Benzyl alcohol, ug/kg dw	<330	<330	<330	<330	<330
2-Methylphenol (o-cresol), ug/kg dw	<330	<330	<330	<330	<330
4-Methylphenol (p-cresol), ug/kg dw	<330	<330	<330	<330	<330
Benzoic acid, ug/kg dw	<1700	<1700	<1700	<1700	<1700
4-Chloroaniline, ug/kg dw	<660	<660	<660	<660	<660
1-Methylnaphthalene, ug/kg dw	<330	<330	<330	<330	<330
2-Methylnaphthalene, ug/kg dw	<330	<330	<330	<330	<330
2,4,5-Trichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
3-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Dibenzofuran, ug/kg dw	<330	<330	<330	<330	<330
4-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Date Extracted	04.17.96	04.17.96	04.17.96	04.17.96	04.17.96
Date Analyzed	04.18.96	04.18.96	04.18.96	04.18.96	04.18.96
Method Number	EPA 8270	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Dilution factor	1	1	1	1	1
Percent Solids, %	85	91	91	90	87

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Project: #869.50 (Willow Run)
Sampled By: MM/TT

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
70875-59	Lab Blank
70875-60	Accuracy - % Recovery (Mean)
70875-61	Precision - Relative % Difference
70875-62	Detection Limit

PARAMETER	70875-59	70875-60	70875-61	70875-62
Semivolatile Organics (8270)				
1,3-Dichlorobenzene, ug/kg dw	<330	---	---	330
1,4-Dichlorobenzene, ug/kg dw	<330	70 %	2.8 %	330
Hexachloroethane, ug/kg dw	<330	---	---	330
Bis(2-Chloroethyl)ether, ug/kg dw	<330	---	---	330
1,2-Dichlorobenzene, ug/kg dw	<330	---	---	330
Bis(2-chloroisopropyl)ether, ug/kg dw	<330	---	---	330
N-Nitrosodi-N-Propylamine, ug/kg dw	<330	70 %	1.4 %	330
Nitrobenzene, ug/kg dw	<330	---	---	330
Hexachlorobutadiene, ug/kg dw	<330	---	---	330
1,2,4-Trichlorobenzene, ug/kg dw	<330	69 %	8.7 %	330
Isophorone, ug/kg dw	<330	---	---	330
Naphthalene, ug/kg dw	<330	---	---	330
Bis(2-Chloroethoxy)methane, ug/kg dw	<330	---	---	330
Hexachlorocyclopentadiene, ug/kg dw	<330	---	---	330
2-Chloronaphthalene, ug/kg dw	<330	---	---	330
Acenaphthylene, ug/kg dw	<330	---	---	330
Acenaphthene, ug/kg dw	<330	76 %	6.5 %	330
Dimethylphthalate, ug/kg dw	<330	---	---	330
2,6-Dinitrotoluene, ug/kg dw	<330	---	---	330
Fluorene, ug/kg dw	<330	---	---	330
4-Chlorophenyl-phenyl ether, ug/kg dw	<330	---	---	330
2,4-Dinitrotoluene, ug/kg dw	<330	82 %	4.9 %	330

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REPORT OF RESULTS

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70875-59	Lab Blank
70875-60	Accuracy - % Recovery (Mean)
70875-61	Precision - Relative % Difference
70875-62	Detection Limit

PARAMETER	70875-59	70875-60	70875-61	70875-62
Diethylphthalate, ug/kg dw	<330	---	---	330
N-Nitrosodiphenylamine/diphenylamine, ug/kg dw	<330	---	---	330
Hexachlorobenzene, ug/kg dw	<330	---	---	330
Gamma-BHC, ug/kg dw	<330	---	---	330
4-Bromophenyl-phenyl-ether, ug/kg dw	<330	---	---	330
Delta-BHC, ug/kg dw	<330	---	---	330
Phenanthrene, ug/kg dw	<330	---	---	330
Anthracene, ug/kg dw	<330	---	---	330
Beta-BHC, ug/kg dw	<330	---	---	330
Heptachlor, ug/kg dw	<660	---	---	660
Alpha-BHC, ug/kg dw	<330	---	---	330
Aldrin, ug/kg dw	<330	---	---	330
Di-n-butylphthalate, ug/kg dw	<330	---	---	330
Heptachlor epoxide, ug/kg dw	<660	---	---	660
Endosulfan I, ug/kg dw	<660	---	---	660
Fluoranthene, ug/kg dw	<330	---	---	330
Dieldrin, ug/kg dw	<330	---	---	330
4,4'-DDE, ug/kg dw	<330	---	---	330
Pyrene, ug/kg dw	<330	77 %	0 %	330
Endrin, ug/kg dw	<660	---	---	660
Endosulfan II, ug/kg dw	<660	---	---	660
4,4'-DDD, ug/kg dw	<330	---	---	330

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REPORT OF RESULTS

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70875-59	Lab Blank
70875-60	Accuracy - % Recovery (Mean)
70875-61	Precision - Relative % Difference
70875-62	Detection Limit

PARAMETER	70875-59	70875-60	70875-61	70875-62
Benzidine, ug/kg dw	<2700	---	---	2700
4,4'-DDT, ug/kg dw	<330	---	---	330
Endosulfan sulfate, ug/kg dw	<660	---	---	660
Endrin Aldehyde, ug/kg dw	<1700	---	---	1700
Butylbenzylphthalate, ug/kg dw	<330	---	---	330
Bis(2-Ethylhexyl)phthalate, ug/kg dw	<330	---	---	330
Chrysene, ug/kg dw	<330	---	---	330
Benzo(a)anthracene, ug/kg dw	<330	---	---	330
3,3'-Dichlorobenzidine, ug/kg dw	<660	---	---	660
Di-n-octylphthalate, ug/kg dw	<330	---	---	330
Benzo(b)fluoranthene, ug/kg dw	<330	---	---	330
Benzo(k)fluoranthene, ug/kg dw	<330	---	---	330
Benzo(a)pyrene, ug/kg dw	<330	---	---	330
Indeno (1,2,3-cd)pyrene, ug/kg dw	<330	---	---	330
Dibenz(a,h)anthracene, ug/kg dw	<330	---	---	330
Benzo(g,h,i)perylene, ug/kg dw	<330	---	---	330
N-Nitrosodimethylamine, ug/kg dw	<330	---	---	330
Chlordane, ug/kg dw	<1700	---	---	1700
Toxaphene, ug/kg dw	<67000	---	---	67000
Aroclor-1016, ug/kg dw	<17000	---	---	17000
Aroclor-1221, ug/kg dw	<17000	---	---	17000
Aroclor-1232, ug/kg dw	<17000	---	---	17000
Aroclor-1242, ug/kg dw	<17000	---	---	17000

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
70875-59	Lab Blank
70875-60	Accuracy - % Recovery (Mean)
70875-61	Precision - Relative % Difference
70875-62	Detection Limit

PARAMETER	70875-59	70875-60	70875-61	70875-62
Aroclor-1248, ug/kg dw	<17000	---	---	17000
Aroclor-1254, ug/kg dw	<17000	---	---	17000
Aroclor-1260, ug/kg dw	<17000	---	---	17000
2-Chlorophenol, ug/kg dw	<330	65 %	0 %	330
2-Nitrophenol, ug/kg dw	<330	---	---	330
Phenol, ug/kg dw	<330	76 %	14 %	330
2,4-Dimethylphenol, ug/kg dw	<330	---	---	330
2,4-Dichlorophenol, ug/kg dw	<330	---	---	330
2,4,6-Trichlorophenol, ug/kg dw	<330	---	---	330
4-Chloro-3-methylphenol, ug/kg dw	<330	72 %	4.2 %	330
2,4-Dinitrophenol, ug/kg dw	<1700	---	---	1700
2-Methyl-4,6-dinitrophenol, ug/kg dw	<1700	---	---	1700
Pentachlorophenol, ug/kg dw	<660	45 %	4.4 %	660
4-Nitrophenol, ug/kg dw	<1700	60 %	6.7 %	1700
Benzyl alcohol, ug/kg dw	<330	---	---	330
2-Methylphenol (o-cresol), ug/kg dw	<330	---	---	330
4-Methylphenol (p-cresol), ug/kg dw	<330	---	---	330
Benzoic acid, ug/kg dw	<1700	---	---	1700
4-Chloroaniline, ug/kg dw	<660	---	---	660
1-Methylnaphthalene, ug/kg dw	<330	---	---	330
2-Methylnaphthalene, ug/kg dw	<330	---	---	330
2,4,5-Trichlorophenol, ug/kg dw	<330	---	---	330
2-Nitroaniline, ug/kg dw	<1700	---	---	1700

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70875-59	Lab Blank
70875-60	Accuracy - % Recovery (Mean)
70875-61	Precision - Relative % Difference
70875-62	Detection Limit

PARAMETER	70875-59	70875-60	70875-61	70875-62
3-Nitroaniline, ug/kg dw	<1700	---	---	1700
Dibenzofuran, ug/kg dw	<330	---	---	330
4-Nitroaniline, ug/kg dw	<1700	---	---	1700
Date Extracted	04.17.96	---	---	---
Date Analyzed	04.18.96	---	---	---
Method Number	EPA 8270	---	---	---
Lead				
Lead, mg/kg dw	<0.50	113 %	3.5 %	0.50
Date Analyzed	04.17.96	---	---	---
Method Number	EPA 7421	---	---	---

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
70875-63	Lab Blank
70875-64	Accuracy - % Recovery (Mean)
70875-65	Precision - Relative % Difference
70875-66	Detection Limit

PARAMETER	70875-63	70875-64	70875-65	70875-66
Lead				
Lead, mg/kg dw	<0.50	108 %	1.8 %	0.50
Date Analyzed	04.18.96	---	---	---
Method Number	EPA 7421	---	---	---

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
70875-67	Lab Blank
70875-68	Accuracy - % Recovery (Mean)
70875-69	Precision - Relative % Difference
70875-70	Detection Limit

PARAMETER	70875-67	70875-68	70875-69	70875-70
Lead				
Lead, mg/kg dw	<0.50	100 %	2.0 %	0.50
Date Analyzed	04.19.96	---	---	---
Method Number	EPA 7421	---	---	---

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70875-71	Lab Blank
70875-72	Accuracy - % Recovery (Mean)
70875-73	Precision - Relative % Difference
70875-74	Detection Limit

PARAMETER	70875-71	70875-72	70875-73	70875-74
Semivolatile Organics (8270)				
1,3-Dichlorobenzene, ug/l	<10	---	---	10
1,4-Dichlorobenzene, ug/l	<10	68 %	5.9 %	10
Hexachloroethane, ug/l	<10	---	---	10
Bis(2-Chloroethyl)ether, ug/l	<10	---	---	10
1,2-Dichlorobenzene, ug/l	<10	---	---	10
Bis(2-chloroisopropyl)ether, ug/l	<10	---	---	10
N-Nitrosodi-N-Propylamine, ug/l	<10	78 %	2.6 %	10
Nitrobenzene, ug/l	<10	---	---	10
Hexachlorobutadiene, ug/l	<10	---	---	10
1,2,4-Trichlorobenzene, ug/l	<10	66 %	18 %	10
Isophorone, ug/l	<10	---	---	10
Naphthalene, ug/l	<5.0	---	---	5.0
Bis(2-Chloroethoxy)methane, ug/l	<10	---	---	10
Hexachlorocyclopentadiene, ug/l	<10	---	---	10
2-Chloronaphthalene, ug/l	<10	---	---	10
Acenaphthylene, ug/l	<10	---	---	10
Acenaphthene, ug/l	<10	82 %	3.6 %	10
Dimethylphthalate, ug/l	<10	---	---	10
2,6-Dinitrotoluene, ug/l	<10	---	---	10
Fluorene, ug/l	<10	---	---	10
4-Chlorophenyl-phenyl ether, ug/l	<10	---	---	10
2,4-Dinitrotoluene, ug/l	<10	78 %	8.9 %	10

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70875-71	Lab Blank
70875-72	Accuracy - % Recovery (Mean)
70875-73	Precision - Relative % Difference
70875-74	Detection Limit

PARAMETER	70875-71	70875-72	70875-73	70875-74
Diethylphthalate, ug/l	<10	---	---	10
N-Nitrosodiphenylamine/diphenylamine, ug/l	<10	---	---	10
Hexachlorobenzene, ug/l	<10	---	---	10
Gamma-BHC, ug/l	<10	---	---	10
4-Bromophenyl-phenyl-ether, ug/l	<10	---	---	10
Delta-BHC, ug/l	<10	---	---	10
Phenanthrene, ug/l	<10	---	---	10
Anthracene, ug/l	<10	---	---	10
Beta-BHC, ug/l	<10	---	---	10
Heptachlor, ug/l	<20	---	---	20
Alpha-BHC, ug/l	<10	---	---	10
Aldrin, ug/l	<10	---	---	10
Di-n-butylphthalate, ug/l	<10	---	---	10
Heptachlor epoxide, ug/l	<20	---	---	20
Endosulfan I, ug/l	<20	---	---	20
Fluoranthene, ug/l	<10	---	---	10
Dieldrin, ug/l	<10	---	---	10
4,4'-DDE, ug/l	<10	---	---	10
Pyrene, ug/l	<10	68 %	12 %	10
Endrin, ug/l	<20	---	---	20
Endosulfan II, ug/l	<20	---	---	20
4,4'-DDD, ug/l	<10	---	---	10
Benzidine, ug/l	<80	---	---	80

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REPORT OF RESULTS

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70875-71	Lab Blank
70875-72	Accuracy - % Recovery (Mean)
70875-73	Precision - Relative % Difference
70875-74	Detection Limit

PARAMETER	70875-71	70875-72	70875-73	70875-74
4,4'-DDT, ug/l	<10	---	---	10
Endosulfan sulfate, ug/l	<20	---	---	20
Endrin Aldehyde, ug/l	<50	---	---	50
Butylbenzylphthalate, ug/l	<10	---	---	10
Bis(2-Ethylhexyl)phthalate, ug/l	<10	---	---	10
Chrysene, ug/l	<5.0	---	---	5.0
Benzo(a)anthracene, ug/l	<4.0	---	---	4.0
3,3'-Dichlorobenzidine, ug/l	<20	---	---	20
Di-n-octylphthalate, ug/l	<10	---	---	10
Benzo(b)fluoranthene, ug/l	<4.0	---	---	4.0
Benzo(k)fluoranthene, ug/l	<5.0	---	---	5.0
Benzo(a)pyrene, ug/l	<4.0	---	---	4.0
Indeno (1,2,3-cd)pyrene, ug/l	<5.0	---	---	5.0
Dibenz(a,h)anthracene, ug/l	<5.0	---	---	5.0
Benzo(g,h,i)perylene, ug/l	<10	---	---	10
N-Nitrosodimethylamine, ug/l	<10	---	---	10
Chlordane, ug/l	<50	---	---	50
Toxaphene, ug/l	<2000	---	---	2000
Aroclor-1016, ug/l	<500	---	---	500
Aroclor-1221, ug/l	<500	---	---	500
Aroclor-1232, ug/l	<500	---	---	500
Aroclor-1242, ug/l	<500	---	---	500
Aroclor-1248, ug/l	<500	---	---	500

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES. INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70875
Received: 13 APR 96
Reported: 02 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: MM/TT

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70875-71	Lab Blank
70875-72	Accuracy - % Recovery (Mean)
70875-73	Precision - Relative % Difference
70875-74	Detection Limit

PARAMETER	70875-71	70875-72	70875-73	70875-74
Aroclor-1254, ug/l	<500	---	---	500
Aroclor-1260, ug/l	<500	---	---	500
2-Chlorophenol, ug/l	<10	68 %	4.4 %	10
2-Nitrophenol, ug/l	<10	---	---	10
Phenol, ug/l	<10	79 %	2.5 %	10
2,4-Dimethylphenol, ug/l	<10	---	---	10
2,4-Dichlorophenol, ug/l	<10	---	---	10
2,4,6-Trichlorophenol, ug/l	<10	---	---	10
4-Chloro-3-methylphenol, ug/l	<10	76 %	4.0 %	10
2,4-Dinitrophenol, ug/l	<50	---	---	50
2-Methyl-4,6-dinitrophenol, ug/l	<50	---	---	50
Pentachlorophenol, ug/l	<20	70 %	1.4 %	20
4-Nitrophenol, ug/l	<50	64 %	36 %	50
Benzyl alcohol, ug/l	<10	---	---	10
2-Methylphenol (o-cresol), ug/l	<10	---	---	10
4-Methylphenol (p-cresol), ug/l	<50	---	---	50
Benzoic acid, ug/l	<20	---	---	20
4-Chloroaniline, ug/l	<10	---	---	10
2-Methylnaphthalene, ug/l	<10	---	---	10
2,4,5-Trichlorophenol, ug/l	<10	---	---	10
2-Nitroaniline, ug/l	<50	---	---	50
3-Nitroaniline, ug/l	<50	---	---	50
Dibenzofuran, ug/l	<10	---	---	10
4-Nitroaniline, ug/l	<50	---	---	50
Date Extracted	04.15.96	---	---	---
Date Analyzed	04.17.96	---	---	---
Method Number	EPA 8270	---	---	---

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70875
Received: 13 APR 96
Reported: 02 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: MM/TT

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70875-71	Lab Blank
70875-72	Accuracy - % Recovery (Mean)
70875-73	Precision - Relative % Difference
70875-74	Detection Limit

PARAMETER	70875-71	70875-72	70875-73	70875-74

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.
*F23 = Due to the abundance of target analyte, the reported result was quantified by ICP to minimize dilution error.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869.50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Mike Mueller, T. Twist	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	B. Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd, BOCA RATON, FL 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Lead (7421) | 8270

PAGE 1 OF 5

☐ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	Lead (7421)	8270	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/11/96	10:55		SB-2-12A 1-3'		✓		✓				
	10:55		SB-2-12A 5-7'		✓		✓				
	10:55		SB-2-12A 7-9'		✓		✓				
	10:55		SB-2-12A 9-11'		✓		✓				
	10:55		SB-duplicate #11		✓		✓				
	12:00		SB-2-27 1-3'		✓		✓				
	12:00		SB-2-27 3-5'		✓		✓				
	12:00		SB-2-27 5-7'		✓		✓				
	12:00		SB-2-27 7-9'		✓		✓				
	12:00		SB-2-27 9-11'		✓		✓				
	12:00		SB-duplicate #5		✓		✓				
	16:30		SB-16-1 8-10		✓			✓			
↓	17:00		SB-16 Duplicate		✓			✓			

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Paul Cameron	4/9			4/12/96	17:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Kimberly A. Vosler	4/13/96	1150	☐ YES ☐ NO		960875	

Serial Number

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
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☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869.50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
Mi	Mike Mueller, T. Twist	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	B. Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc.)

REQUIRED ANALYSES: 8270 / Lead (7421)

☐ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION		AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc.)	8270	Lead (7421)	REMARKS
4/4/96	18:00		SB-16-2	8-10'		✓			✓		
	17:00		SB-16-3	8-10'		✓			✓		
	17:15		SB-16-4	8-10'		✓			✓		
	16:15		Equipment blank		✓				✓		
4/12/96	12:10		SB-2-18	1-3'		✓				✓	
	12:10		SB-2-18	3-5'		✓				✓	
	12:10		SB-2-18	5-7'		✓				✓	
	12:10		SB-2-18	7-9'		✓				✓	
	12:10		Duplicate of SB-2-18			✓				✓	
	11:25		SB-2-21	1-3'		✓				✓	
	11:25		SB-2-21	3-5'		✓				✓	
	11:25		SB-2-21	5-7'		✓				✓	
	11:25		SB-2-21	7-9'		✓				✓	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Paul Carew	4/9			4/12/96	19:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Kimberly C. Hosier	4/13/96	1058	☐ YES ☐ NO		DE10875	

ORIGINAL

Serial Number 5[illegible]03

SL *SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.*

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301	Phone: (904) 878-3994	Fax: (904) 878-9504
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☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047	Phone: (504) 764-1100	Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869-50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Mike Mueller, Tim Twist	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	B. Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Lead (7421)

PAGE 3 OF 5

☐ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/12/96	11:25		SB-2-21 9-11'		✓		✓		
	11:25		~~SB-2-21~~ Duplicate #22		✓		✓		
	10:40		SB-2-19 1-3'		✓		✓		
	10:40		SB-2-19 3-5'		✓		✓		
	10:40		SB-2-19 5-7'		✓		✓		
	10:40		Duplicate #12		✓		✓		
	10:25		SB-2-20 1-3'		✓		✓		
	10:25		SB-2-20 3-5'		✓		✓		
	10:25		SB-2-20 5-7'		✓		✓		
	10:25		SB-2-20 7-9'		✓		✓		
	10:15		Duplicate #15		✓		✓		
	14:25		SB-2-29 1-3'		✓		✓		
↓	14:27		SB-2-29 3-5'		✓		✓		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Paul Conner	4/9		Amin Dudeld	4/12/96	19:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Amin Dudeld	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Kenneth A. Kosky	4/13/96	1050	☐ YES ☐ NO		D670875	

ORIGINAL

Serial Number 3[illegible]1

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869.50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Mike Mueller, Tim Twist	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	B. Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
185 N.W. Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc.)

REQUIRED ANALYSES: Lead (7421)

PAGE 4 OF 5

☐ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION		AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc.)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/12/96	14:25		SB-2-29	5-7'		✓		✓		
	14:25		SB-2-29	7-9'		✓		✓		
	14:25		Duplicate #18			✓		✓		
	13:40		SB-2-17	1-3'		✓		✓		
	13:40		SB-2-17	3-5'		✓		✓		
	13:40		SB-2-17	5-7'		✓		✓		
	13:40		SB-2-17	7-9'		✓		✓		
	13:40		Duplicate # 21	#		✓		✓		
	16:00		SB-2-5A	1-3'		✓		✓		
	16:00		SB-2-5A	3-5		✓		✓		
	16:00		SB-2-5A	5-7		✓		✓		
	16:00		SB-2-5A	7-9		✓		✓		
	16:00		SB-2-5A	9-11		✓		✓		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Paul Cameron	4/9			4/12/96	19:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
	4/13/96	1050	☐ YES ☐ NO		D670875	

ORIGINAL

Serial Number 3[illegible]00

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

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☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
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☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869.50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Mike Mueller, Tim Twist	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	B. Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Lead (7421) 8270

PAGE 5 OF 5

☐ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/12/96	16:00		Duplicate #2	✓			✓		
	10:45		~~SB-16-5~~ SB-3-5 8-10'	✓			✓		
	11:45		~~SB-16-6~~ SB-3-6 8-10'	✓			✓		
	14:40		~~SB-16-7~~ SB-3-7 10-12'	✓			✓		
↓	17:05		~~SB-16-8~~ SB-3-8 10-12'	✓			✓		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Paul Cameron	4/9			4/12/96	19:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Kenneth A. Kosher	4/12/96	1050	☐ YES ☐ NO		SL 70875	

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES. INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70890
Received: 16 APR 96
Reported: 03 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-1	MW-2-12A-1	04-14-96
70890-2	MW-2-12A-2	04-14-96
70890-3	MW-2-13A-1	04-14-96
70890-4	MW-2-13A-2	04-15-96
70890-5	MW-7-3-1	04-15-96

PARAMETER	70890-1	70890-2	70890-3	70890-4	70890-5
Cadmium (MIBK)					
Cadmium, mg/l	0.00016*	0.00014*	0.15**	0.064**	0.00016*
Date Analyzed	04.19.96	04.19.96	04.23.96	04.23.96	04.19.96
Method Number	EPA 7131	EPA 7131	EPA 6010	EPA 6010	EPA 7131
Cadmium, Dissolved (MIBK)					
Cadmium, mg/l	0.00036	0.00025	0.00014*	0.00015*	<0.000050*
Date Analyzed	04.19.96	04.19.96	04.19.96	04.19.96	04.19.96
Method Number	EPA 7131	EPA 7131	EPA 7131	EPA 7131	EPA 7131
Lead					
Lead, mg/l	<0.0050	<0.0050	0.49	0.37	0.027
Date Analyzed	04.23.96	04.23.96	04.23.96	04.23.96	04.23.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Lead (Dissolved)					
Lead (Dissolved), mg/l	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Date Analyzed	04.23.96	04.23.96	04.23.96	04.23.96	04.23.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Mercury (7470/7471)					
Mercury, mg/l	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Date Analyzed	04.19.96	04.19.96	04.19.96	04.23.96	04.19.96
Method Number	EPA 7470	EPA 7470	EPA 7470	EPA 7470	EPA 7470
Mercury (Dissolved)					
Mercury (Dissolved), mg/l	<0.00020	<0.00020	<0.00020	<0.00020	<0.0020
Date Analyzed	04.19.96	04.19.96	04.19.96	04.23.96	04.19.96
Method Number	EPA 7470	EPA 7470	EPA 7470	EPA 7470	EPA 7470

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70890
Received: 16 APR 96
Reported: 03 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-6	MW-7-3-2	04-15-96

PARAMETER	70890-6
Cadmium (MIBK)	
Cadmium, mg/l	0.00018*
Date Analyzed	04.19.96
Method Number	EPA 7131
Cadmium, Dissolved (MIBK)	
Cadmium, mg/l	<0.000050*
Date Analyzed	04.19.96
Method Number	EPA 7131
Lead	
Lead, mg/l	0.0073
Date Analyzed	04.26.96
Method Number	EPA 7421
Lead (Dissolved)	
Lead (Dissolved), mg/l	<0.0050
Date Analyzed	04.26.96
Method Number	EPA 7421
Mercury (7470/7471)	
Mercury, mg/l	<0.00020
Date Analyzed	04.23.96
Method Number	EPA 7470
Mercury (Dissolved)	
Mercury (Dissolved), mg/l	<0.00020
Date Analyzed	04.23.96
Method Number	EPA 7470

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LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-7	MW-6-5A-1	04-14-96
70890-8	MW-6-5A-2	04-15-96
70890-9	Duplicate GW-5	04-14-96

PARAMETER	70890-7	70890-8	70890-9
Cadmium (MIBK)			
Cadmium, mg/l	<0.000050*	0.00017*	<0.000050*
Date Analyzed	04.19.96	04.19.96	04.19.96
Method Number	EPA 7131	EPA 7131	EPA 7131
Cadmium, Dissolved (MIBK)			
Cadmium, mg/l	<0.000050*	0.00018*	<0.000050*
Date Analyzed	04.19.96	04.19.96	04.19.96
Method Number	EPA 7131	EPA 7131	EPA 7131
Lead			
Lead, mg/l	0.013	0.0079	0.012
Date Analyzed	04.23.96	04.26.96	04.26.96
Method Number	EPA 7421	EPA 7421	EPA 7421
Lead (Dissolved)			
Lead (Dissolved), mg/l	<0.0050	0.0076	<0.0050
Date Analyzed	04.23.96	04.26.96	04.26.96
Method Number	EPA 7421	EPA 7421	EPA 7421
Mercury (7470/7471)			
Mercury, mg/l	0.00024	<0.00020	<0.00020
Date Analyzed	04.23.96	04.23.96	04.23.96
Method Number	EPA 7470	EPA 7470	EPA 7470
Mercury (Dissolved)			
Mercury (Dissolved), mg/l	<0.00020	<0.00020	<0.00020
Date Analyzed	04.23.96	04.23.96	04.23.96
Method Number	EPA 7470	EPA 7470	EPA 7470

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70890-7	MW-6-5A-1	04-14-96
70890-8	MW-6-5A-2	04-15-96
70890-9	Duplicate GW-5	04-14-96

PARAMETER	70890-7	70890-8	70890-9
Nickel			
Nickel, mg/l	0.040	<0.040	<0.040
Date Analyzed	04.22.96	04.22.96	04.29.96
Method Number	EPA 6010	EPA 6010	EPA 6010
Nickel (Dissolved)			
Nickel (Dissolved), mg/l	<0.040	<0.040	<0.040
Date Analyzed	04.22.96	04.22.96	04.29.96
Method Number	EPA 6010	EPA 6010	EPA 6010

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-10	MW-1-5-1	04-14-96
70890-11	MW-1-5-2	04-15-96

PARAMETER	70890-10	70890-11
Cadmium (MIBK)		
Cadmium, mg/l	0.00011*	0.000054*
Date Analyzed	04.23.96	04.23.96
Method Number	EPA 7131	EPA 7131
Cadmium, Dissolved (MIBK)		
Cadmium, mg/l	<0.000050*	<0.000050*
Date Analyzed	04.23.96	04.23.96
Method Number	EPA 7131	EPA 7131
Lead		
Lead, mg/l	0.012	0.0063
Date Analyzed	04.26.96	04.26.96
Method Number	EPA 7421	EPA 7421
Lead (Dissolved)		
Lead (Dissolved), mg/l	<0.0050	<0.0050
Date Analyzed	04.26.96	04.26.96
Method Number	EPA 7421	EPA 7421
Nickel		
Nickel, mg/l	<0.040	<0.040
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010
Nickel (Dissolved)		
Nickel (Dissolved), mg/l	<0.040	<0.040
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-12	Equipment Blank GW-12	04-14-96

PARAMETER	70890-12
Cadmium (MIBK)	
Cadmium, mg/l	<0.000050
Date Analyzed	04.23.96
Method Number	EPA 7131
Lead	
Lead, mg/l	<0.0050
Date Analyzed	05.01.96
Method Number	EPA 7421
Mercury (7470/7471)	
Mercury, mg/l	<0.00020
Date Analyzed	04.23.96
Method Number	EPA 7470

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-13	MW-3-6	04-15-96
70890-14	MW-3-7	04-15-96
70890-15	MW-3-8	04-15-96

PARAMETER	70890-13	70890-14	70890-15
Semivolatile Organics (8270)			
1,3-Dichlorobenzene, ug/l	<10	<10	<10
1,4-Dichlorobenzene, ug/l	<10	<10	<10
Hexachloroethane, ug/l	<10	<10	<10
Bis(2-Chloroethyl)ether, ug/l	<10	<10	<10
1,2-Dichlorobenzene, ug/l	<10	<10	<10
Bis(2-chloroisopropyl)ether, ug/l	<10	<10	<10
N-Nitrosodi-N-Propylamine, ug/l	<10	<10	<10
Nitrobenzene, ug/l	<10	<10	<10
Hexachlorobutadiene, ug/l	<10	<10	<10
1,2,4-Trichlorobenzene, ug/l	<10	<10	<10
Isophorone, ug/l	<10	<10	<10
Naphthalene, ug/l	100	<5.0	260
Bis(2-Chloroethoxy)methane, ug/l	<10	<10	<10
Hexachlorocyclopentadiene, ug/l	<10	<10	<10
2-Chloronaphthalene, ug/l	<10	<10	<10
Acenaphthylene, ug/l	<10	<10	<10
Acenaphthene, ug/l	<10	<10	<10
Dimethylphthalate, ug/l	<10	<10	<10
2,6-Dinitrotoluene, ug/l	<10	<10	<10
Fluorene, ug/l	<10	<10	<10
4-Chlorophenyl-phenyl ether, ug/l	<10	<10	<10
2,4-Dinitrotoluene, ug/l	<10	<10	<10
Diethylphthalate, ug/l	<10	<10	<10

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70890-14	MW-3-7	04-15-96
70890-15	MW-3-8	04-15-96

PARAMETER	70890-13	70890-14	70890-15
N-Nitrosodiphenylamine/diphenylamine, ug/l	<10	<10	<10
Hexachlorobenzene, ug/l	<10	<10	<10
Gamma-BHC, ug/l	<10	<10	<10
4-Bromophenyl-phenyl-ether, ug/l	<10	<10	<10
Delta-BHC, ug/l	<10	<10	<10
Phenanthrene, ug/l	<10	<10	<10
Anthracene, ug/l	<10	<10	<10
Beta-BHC, ug/l	<10	<10	<10
Heptachlor, ug/l	<20	<20	<20
Alpha-BHC, ug/l	<10	<10	<10
Aldrin, ug/l	<10	<10	<10
Di-n-butylphthalate, ug/l	<10	<10	<10
Heptachlor epoxide, ug/l	<20	<20	<20
Endosulfan I, ug/l	<20	<20	<20
Fluoranthene, ug/l	<10	<10	<10
Dieldrin, ug/l	<10	<10	<10
4,4'-DDE, ug/l	<10	<10	<10
Pyrene, ug/l	<10	<10	<10
Endrin, ug/l	<20	<20	<20
Endosulfan II, ug/l	<20	<20	<20
4,4'-DDD, ug/l	<10	<10	<10
Benzidine, ug/l	<80	<80	<80
4,4'-DDT, ug/l	<10	<10	<10
Endosulfan sulfate, ug/l	<20	<20	<20

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70890-13	MW-3-6	04-15-96
70890-14	MW-3-7	04-15-96
70890-15	MW-3-8	04-15-96

PARAMETER	70890-13	70890-14	70890-15
Endrin Aldehyde, ug/l	<50	<50	<50
Butylbenzylphthalate, ug/l	<10	<10	<10
Bis(2-Ethylhexyl)phthalate, ug/l	<10	<10	<10
Chrysene, ug/l	<5.0	<5.0	<5.0
Benzo(a)anthracene, ug/l	<4.0	<4.0	<4.0
3,3'-Dichlorobenzidine, ug/l	<20	<20	<20
Di-n-octylphthalate, ug/l	<10	<10	<10
Benzo(b)fluoranthene, ug/l	<4.0	<4.0	<4.0
Benzo(k)fluoranthene, ug/l	<5.0	<5.0	<5.0
Benzo(a)pyrene, ug/l	<4.0	<4.0	<4.0
Indeno (1,2,3-cd)pyrene, ug/l	<5.0	<5.0	<5.0
Dibenz(a,h)anthracene, ug/l	<5.0	<5.0	<5.0
Benzo(g,h,i)perylene, ug/l	<10	<10	<10
N-Nitrosodimethylamine, ug/l	<10	<10	<10
Chlordane, ug/l	<50	<50	<50
Toxaphene, ug/l	<2000	<2000	<2000
Aroclor-1016, ug/l	<500	<500	<500
Aroclor-1221, ug/l	<500	<500	<500
Aroclor-1232, ug/l	<500	<500	<500
Aroclor-1242, ug/l	<500	<500	<500
Aroclor-1248, ug/l	<500	<500	<500
Aroclor-1254, ug/l	<500	<500	<500
Aroclor-1260, ug/l	<500	<500	<500
2-Chlorophenol, ug/l	<10	<10	<10

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70890-13	MW-3-6	04-15-96
70890-14	MW-3-7	04-15-96
70890-15	MW-3-8	04-15-96

PARAMETER	70890-13	70890-14	70890-15
2-Nitrophenol, ug/l	<10	<10	<10
Phenol, ug/l	<10	<10	<10
2,4-Dimethylphenol, ug/l	<10	<10	<10
2,4-Dichlorophenol, ug/l	<10	<10	<10
2,4,6-Trichlorophenol, ug/l	<10	<10	<10
4-Chloro-3-methylphenol, ug/l	<10	<10	<10
2,4-Dinitrophenol, ug/l	<50	<50	<50
2-Methyl-4,6-dinitrophenol, ug/l	<50	<50	<50
Pentachlorophenol, ug/l	<20	<20	<20
4-Nitrophenol, ug/l	<50	<50	<50
Benzyl alcohol, ug/l	<10	<10	<10
2-Methylphenol (o-cresol), ug/l	<10	<10	<10
4-Methylphenol (p-cresol), ug/l	<10	<10	<10
Benzoic acid, ug/l	<50	<50	<50
4-Chloroaniline, ug/l	<20	<20	<20
1-Methylnaphthalene, ug/l	<10	<10	<10
2-Methylnaphthalene, ug/l	<10	<10	12
2,4,5-Trichlorophenol, ug/l	<10	<10	<10
2-Nitroaniline, ug/l	<50	<50	<50
3-Nitroaniline, ug/l	<50	<50	<50
Dibenzofuran, ug/l	<10	<10	<10
4-Nitroaniline, ug/l	<50	<50	<50
Date Extracted	04.17.96	04.17.96	04.17.96
Date Analyzed	04.22.96	04.22.96	04.23.96
Method Number	EPA 8270	EPA 8270	EPA 8270
Dilution factor	1	1	1

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-16	MW-16-1	04-15-96
70890-17	Duplicate	04-15-96

PARAMETER	70890-16	70890-17
Semivolatile Organics (8270)		
1,3-Dichlorobenzene, ug/l	<10	<10
1,4-Dichlorobenzene, ug/l	<10	<10
Hexachloroethane, ug/l	<10	<10
Bis(2-Chloroethyl)ether, ug/l	<10	<10
1,2-Dichlorobenzene, ug/l	<10	<10
Bis(2-chloroisopropyl)ether, ug/l	<10	<10
N-Nitrosodi-N-Propylamine, ug/l	<10	<10
Nitrobenzene, ug/l	<10	<10
Hexachlorobutadiene, ug/l	<10	<10
1,2,4-Trichlorobenzene, ug/l	<10	<10
Isophorone, ug/l	<10	<10
Naphthalene, ug/l	<5.0	<5.0
Bis(2-Chloroethoxy)methane, ug/l	<10	<10
Hexachlorocyclopentadiene, ug/l	<10	<10
2-Chloronaphthalene, ug/l	<10	<10
Acenaphthylene, ug/l	<10	<10
Acenaphthene, ug/l	<10	<10
Dimethylphthalate, ug/l	<10	<10
2,6-Dinitrotoluene, ug/l	<10	<10
Fluorene, ug/l	10	<10
4-Chlorophenyl-phenyl ether, ug/l	<10	<10
2,4-Dinitrotoluene, ug/l	<10	<10
Diethylphthalate, ug/l	<10	<10
N-Nitrosodiphenylamine/diphenylamine, ug/l	<10	<10

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LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-16	MW-16-1	04-15-96
70890-17	Duplicate	04-15-96

PARAMETER	70890-16	70890-17
Hexachlorobenzene, ug/l	<10	<10
Gamma-BHC, ug/l	<10	<10
4-Bromophenyl-phenyl-ether, ug/l	<10	<10
Delta-BHC, ug/l	<10	<10
Phenanthrene, ug/l	100	84
Anthracene, ug/l	29	23
Beta-BHC, ug/l	<10	<10
Heptachlor, ug/l	<20	<20
Alpha-BHC, ug/l	<10	<10
Aldrin, ug/l	<10	<10
Di-n-butylphthalate, ug/l	<10	<10
Heptachlor epoxide, ug/l	<20	<20
Endosulfan I, ug/l	<20	<20
Fluoranthene, ug/l	84	74
Dieldrin, ug/l	<10	<10
4,4'-DDE, ug/l	<10	<10
Pyrene, ug/l	110	88
Endrin, ug/l	<20	<20
Endosulfan II, ug/l	<20	<20
4,4'-DDD, ug/l	<10	<10
Benzidine, ug/l	<80	<80
4,4'-DDT, ug/l	<10	<10
Endosulfan sulfate, ug/l	<20	<20
Endrin Aldehyde, ug/l	<50	<50
Butylbenzylphthalate, ug/l	<10	<10

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70890-16	MW-16-1	04-15-96
70890-17	Duplicate	04-15-96

PARAMETER	70890-16	70890-17
Bis(2-Ethylhexyl)phthalate, ug/l	24	15
Chrysene, ug/l	36	31
Benzo(a)anthracene, ug/l	40	34
3,3'-Dichlorobenzidine, ug/l	<20	<20
Di-n-octylphthalate, ug/l	<10	<10
Benzo(b)fluoranthene, ug/l	51	36
Benzo(k)fluoranthene, ug/l	18	15
Benzo(a)pyrene, ug/l	29	25
Indeno (1,2,3-cd)pyrene, ug/l	16	16
Dibenz(a,h)anthracene, ug/l	6.4	5.9
Benzo(g,h,i)perylene, ug/l	18	17
N-Nitrosodimethylamine, ug/l	<10	<10
Chlordane, ug/l	<50	<50
Toxaphene, ug/l	<2000	<2000
Aroclor-1016, ug/l	<500	<500
Aroclor-1221, ug/l	<500	<500
Aroclor-1232, ug/l	<500	<500
Aroclor-1242, ug/l	<500	<500
Aroclor-1248, ug/l	<500	<500
Aroclor-1254, ug/l	<500	<500
Aroclor-1260, ug/l	<500	<500
2-Chlorophenol, ug/l	<10	<10
2-Nitrophenol, ug/l	<10	<10
Phenol, ug/l	<10	<10
2,4-Dimethylphenol, ug/l	<10	<10

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70890-16	MW-16-1	04-15-96
70890-17	Duplicate	04-15-96

PARAMETER	70890-16	70890-17
2,4-Dichlorophenol, ug/l	<10	<10
2,4,6-Trichlorophenol, ug/l	<10	<10
4-Chloro-3-methylphenol, ug/l	<10	<10
2,4-Dinitrophenol, ug/l	<50	<50
2-Methyl-4,6-dinitrophenol, ug/l	<50	<50
Pentachlorophenol, ug/l	<20	<20
4-Nitrophenol, ug/l	<50	<50
Benzyl alcohol, ug/l	<10	<10
2-Methylphenol (o-cresol), ug/l	<10	<10
4-Methylphenol (p-cresol), ug/l	<10	<10
Benzoic acid, ug/l	<50	<50
4-Chloroaniline, ug/l	<20	<20
1-Methylnaphthalene, ug/l	<10	<10
2-Methylnaphthalene, ug/l	<10	<10
2,4,5-Trichlorophenol, ug/l	<10	<10
2-Nitroaniline, ug/l	<50	<50
3-Nitroaniline, ug/l	<50	<50
Dibenzofuran, ug/l	10	<10
4-Nitroaniline, ug/l	<50	<50
Date Extracted	04.17.96	04.17.96
Date Analyzed	04.22.96	04.22.96
Method Number	EPA 8270	EPA 8270
Dilution factor	1	1
Arsenic		
Arsenic, mg/l	<0.010	<0.010
Date Analyzed	05.01.96	05.01.96
Method Number	EPA 7060	EPA 7060

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Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-16	MW-16-1	04-15-96
70890-17	Duplicate	04-15-96

PARAMETER	70890-16	70890-17
Arsenic (Dissolved)		
Arsenic (Dissolved), mg/l	<0.010	<0.010
Date Analyzed	05.01.96	05.01.96
Method Number	EPA 7060	EPA 7060
Barium		
Barium, mg/l	0.68	0.62
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010
Barium (Dissolved)		
Barium (Dissolved), mg/l	0.59	0.58
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010
Cadmium (MIBK)		
Cadmium, mg/l	0.000070*	<0.000050*
Date Analyzed	04.23.96	04.23.96
Method Number	EPA 7131	EPA 7131
Cadmium, Dissolved (MIBK)		
Cadmium, mg/l	<0.000050*	<0.000050*
Date Analyzed	04.23.96	04.23.96
Method Number	EPA 7131	EPA 7131
Chromium		
Chromium, mg/l	0.028	0.020
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010

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70890-17	Duplicate	04-15-96

PARAMETER	70890-16	70890-17
Chromium (Dissolved)		
Chromium (Dissolved), mg/l	<0.010	<0.010
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010
Copper		
Copper, mg/l	<0.025	<0.025
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010
Copper (Dissolved)		
Copper (Dissolved), mg/l	<0.025	<0.025
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010
Lead		
Lead, mg/l	0.23	0.17
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 7421	EPA 7421
Lead (Dissolved)		
Lead (Dissolved), mg/l	<0.0050	<0.0050
Date Analyzed	04.26.96	04.26.96
Method Number	EPA 7421	EPA 7421
Mercury (7470/7471)		
Mercury, mg/l	0.00024	0.00025
Date Analyzed	04.23.96	04.23.96
Method Number	EPA 7470	EPA 7470

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-16	MW-16-1	04-15-96
70890-17	Duplicate	04-15-96

PARAMETER	70890-16	70890-17
Mercury (Dissolved)		
Mercury (Dissolved), mg/l	0.00021	0.00023
Date Analyzed	04.23.96	04.23.96
Method Number	EPA 7470	EPA 7470
Selenium (EPA 7742)		
Selenium, mg/l	<.0080*F65	<.0080*F65
Date Analyzed	04.24.96	04.24.96
Method Number	EPA 7742	EPA 7742
Selenium, Dissolved (EPA 7742)		
Selenium (Dissolved), mg/l	<.0080*F65	<.0080*F65
Date Analyzed	04.24.96	04.24.96
Method Number	EPA 7742	EPA 7742
Silver (MIBK)		
Silver, mg/l	<0.000050	<0.000050
Date Analyzed	04.22.96	04.22.96
Method Number	EPA 7761	EPA 7761
Silver, Dissolved (MIBK)		
Silver, mg/l	<0.000050	<0.000050
Date Analyzed	04.22.96	04.22.96
Method Number	EPA 7761	EPA 7761
Zinc		
Zinc, mg/l	0.098	0.093
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-16	MW-16-1	04-15-96
70890-17	Duplicate	04-15-96

PARAMETER	70890-16	70890-17
Zinc (Dissolved)		
Zinc (Dissolved), mg/l	0.027	0.036
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010

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Project: #869.50 (Willow Run)
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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-18	Equipment Blank	04-15-96

PARAMETER	70890-18
Semivolatile Organics (8270)	
1,3-Dichlorobenzene, ug/l	<10
1,4-Dichlorobenzene, ug/l	<10
Hexachloroethane, ug/l	<10
Bis(2-Chloroethyl)ether, ug/l	<10
1,2-Dichlorobenzene, ug/l	<10
Bis(2-chloroisopropyl)ether, ug/l	<10
N-Nitrosodi-N-Propylamine, ug/l	<10
Nitrobenzene, ug/l	<10
Hexachlorobutadiene, ug/l	<10
1,2,4-Trichlorobenzene, ug/l	<10
Isophorone, ug/l	<10
Naphthalene, ug/l	<5.0
Bis(2-Chloroethoxy)methane, ug/l	<10
Hexachlorocyclopentadiene, ug/l	<10
2-Chloronaphthalene, ug/l	<10
Acenaphthylene, ug/l	<10
Acenaphthene, ug/l	<10
Dimethylphthalate, ug/l	<10
2,6-Dinitrotoluene, ug/l	<10
Fluorene, ug/l	<10
4-Chlorophenyl-phenyl ether, ug/l	<10
2,4-Dinitrotoluene, ug/l	<10
Diethylphthalate, ug/l	<10
N-Nitrosodiphenylamine/diphenylamine, ug/l	<10
Hexachlorobenzene, ug/l	<10

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-18	Equipment Blank	04-15-96

PARAMETER	70890-18
Gamma-BHC, ug/l	<10
4-Bromophenyl-phenyl-ether, ug/l	<10
Delta-BHC, ug/l	<10
Phenanthrene, ug/l	<10
Anthracene, ug/l	<10
Beta-BHC, ug/l	<10
Heptachlor, ug/l	<20
Alpha-BHC, ug/l	<10
Aldrin, ug/l	<10
Di-n-butylphthalate, ug/l	<10
Heptachlor epoxide, ug/l	<20
Endosulfan I, ug/l	<20
Fluoranthene, ug/l	<10
Dieldrin, ug/l	<10
4,4'-DDE, ug/l	<10
Pyrene, ug/l	<10
Endrin, ug/l	<20
Endosulfan II, ug/l	<20
4,4'-DDD, ug/l	<10
Benzidine, ug/l	<80
4,4'-DDT, ug/l	<10
Endosulfan sulfate, ug/l	<20
Endrin Aldehyde, ug/l	<50
Butylbenzylphthalate, ug/l	<10
Bis(2-Ethylhexyl)phthalate, ug/l	<10
Chrysene, ug/l	<5.0

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REPORT OF RESULTS

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70890-18	Equipment Blank	04-15-96

PARAMETER	70890-18				
Benzo(a)anthracene, ug/l	<4.0				
3,3'-Dichlorobenzidine, ug/l	<20				
Di-n-octylphthalate, ug/l	<10				
Benzo(b)fluoranthene, ug/l	<4.0				
Benzo(k)fluoranthene, ug/l	<5.0				
Benzo(a)pyrene, ug/l	<4.0				
Indeno (1,2,3-cd)pyrene, ug/l	<5.0				
Dibenz(a,h)anthracene, ug/l	<5.0				
Benzo(g,h,i)perylene, ug/l	<10				
N-Nitrosodimethylamine, ug/l	<10				
Chlordane, ug/l	<50				
Toxaphene, ug/l	<2000				
Aroclor-1016, ug/l	<500				
Aroclor-1221, ug/l	<500				
Aroclor-1232, ug/l	<500				
Aroclor-1242, ug/l	<500				
Aroclor-1248, ug/l	<500				
Aroclor-1254, ug/l	<500				
Aroclor-1260, ug/l	<500				
2-Chlorophenol, ug/l	<10				
2-Nitrophenol, ug/l	<10				
Phenol, ug/l	<10				
2,4-Dimethylphenol, ug/l	<10				
2,4-Dichlorophenol, ug/l	<10				
2,4,6-Trichlorophenol, ug/l	<10				
4-Chloro-3-methylphenol, ug/l	<10				

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-18	Equipment Blank	04-15-96

PARAMETER	70890-18
2,4-Dinitrophenol, ug/l	<50
2-Methyl-4,6-dinitrophenol, ug/l	<50
Pentachlorophenol, ug/l	<20
4-Nitrophenol, ug/l	<50
Benzyl alcohol, ug/l	<10
2-Methylphenol (o-cresol), ug/l	<10
4-Methylphenol (p-cresol), ug/l	<10
Benzoic acid, ug/l	<50
4-Chloroaniline, ug/l	<20
1-Methylnaphthalene, ug/l	<10
2-Methylnaphthalene, ug/l	<10
2,4,5-Trichlorophenol, ug/l	<10
2-Nitroaniline, ug/l	<50
3-Nitroaniline, ug/l	<50
Dibenzofuran, ug/l	<10
4-Nitroaniline, ug/l	<50
Date Extracted	04.17.96
Date Analyzed	04.20.96
Method Number	EPA 8270
Dilution factor	1
Arsenic	
Arsenic, mg/l	<0.010
Date Analyzed	05.01.96
Method Number	EPA 7060
Barium	
Barium, mg/l	0.035
Date Analyzed	04.22.96
Method Number	EPA 6010

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-18	Equipment Blank	04-15-96

PARAMETER	70890-18
Cadmium (MIBK)	
Cadmium, mg/l	<0.000050
Date Analyzed	04.23.96
Method Number	EPA 7131
Chromium	
Chromium, mg/l	<0.010
Date Analyzed	04.22.96
Method Number	EPA 6010
Copper	
Copper, mg/l	<0.025
Date Analyzed	04.22.96
Method Number	EPA 6010
Lead	
Lead, mg/l	<0.0050
Date Analyzed	04.26.96
Method Number	EPA 7421
Mercury (7470/7471)	
Mercury, mg/l	<0.00020
Date Analyzed	04.23.96
Method Number	EPA 7470
Selenium (EPA 7742)	
Selenium, mg/l	<0.0020
Date Analyzed	04.24.96
Method Number	EPA 7742
Silver (MIBK)	
Silver, mg/l	<0.000050
Date Analyzed	04.22.96
Method Number	EPA 7761

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-18	Equipment Blank	04-15-96

PARAMETER	70890-18
Zinc	
Zinc, mg/l	<0.020
Date Analyzed	05.02.96
Method Number	EPA 6010

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70890-19	Lab Blank
70890-20	Accuracy - % Recovery (Mean)
70890-21	Precision - Relative % Difference
70890-22	Detection Limit

PARAMETER	70890-19	70890-20	70890-21	70890-22
Semivolatile Organics (8270)				
1,3-Dichlorobenzene, ug/l	<10	---	---	10
1,4-Dichlorobenzene, ug/l	<10	82 %	18 %	10
Hexachloroethane, ug/l	<10	---	---	10
Bis(2-Chloroethyl)ether, ug/l	<10	---	---	10
1,2-Dichlorobenzene, ug/l	<10	---	---	10
Bis(2-chloroisopropyl)ether, ug/l	<10	---	---	10
N-Nitrosodi-N-Propylamine, ug/l	<10	82 %	13 %	10
Nitrobenzene, ug/l	<10	---	---	10
Hexachlorobutadiene, ug/l	<10	---	---	10
1,2,4-Trichlorobenzene, ug/l	<10	80 %	20 %	10
Isophorone, ug/l	<10	---	---	10
Naphthalene, ug/l	<5.0	---	---	5.0
Bis(2-Chloroethoxy)methane, ug/l	<10	---	---	10
Hexachlorocyclopentadiene, ug/l	<10	---	---	10
2-Chloronaphthalene, ug/l	<10	---	---	10
Acenaphthylene, ug/l	<10	---	---	10
Acenaphthene, ug/l	<10	80 %	12 %	10
Dimethylphthalate, ug/l	<10	---	---	10
2,6-Dinitrotoluene, ug/l	<10	---	---	10
Fluorene, ug/l	<10	---	---	10
4-Chlorophenyl-phenyl ether, ug/l	<10	---	---	10
2,4-Dinitrotoluene, ug/l	<10	93 %	6.4 %	10

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70890-19	Lab Blank
70890-20	Accuracy - % Recovery (Mean)
70890-21	Precision - Relative % Difference
70890-22	Detection Limit

PARAMETER	70890-19	70890-20	70890-21	70890-22
Diethylphthalate, ug/l	<10	---	---	10
N-Nitrosodiphenylamine/diphenylamine, ug/l	<10	---	---	10
Hexachlorobenzene, ug/l	<10	---	---	10
Gamma-BHC, ug/l	<10	---	---	10
4-Bromophenyl-phenyl-ether, ug/l	<10	---	---	10
Delta-BHC, ug/l	<10	---	---	10
Phenanthrene, ug/l	<10	---	---	10
Anthracene, ug/l	<10	---	---	10
Beta-BHC, ug/l	<10	---	---	10
Heptachlor, ug/l	<20	---	---	20
Alpha-BHC, ug/l	<10	---	---	10
Aldrin, ug/l	<10	---	---	10
Di-n-butylphthalate, ug/l	<10	---	---	10
Heptachlor epoxide, ug/l	<20	---	---	20
Endosulfan I, ug/l	<20	---	---	20
Fluoranthene, ug/l	<10	---	---	10
Dieldrin, ug/l	<10	---	---	10
4,4'-DDE, ug/l	<10	---	---	10
Pyrene, ug/l	<10	74 %	16 %	10
Endrin, ug/l	<20	---	---	20
Endosulfan II, ug/l	<20	---	---	20
4,4'-DDD, ug/l	<10	---	---	10
Benzidine, ug/l	<80	---	---	80

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70890-19	Lab Blank
70890-20	Accuracy - % Recovery (Mean)
70890-21	Precision - Relative % Difference
70890-22	Detection Limit

PARAMETER	70890-19	70890-20	70890-21	70890-22
4,4'-DDT, ug/l	<10	---	---	10
Endosulfan sulfate, ug/l	<20	---	---	20
Endrin Aldehyde, ug/l	<50	---	---	50
Butylbenzylphthalate, ug/l	<10	---	---	10
Bis(2-Ethylhexyl)phthalate, ug/l	<10	---	---	10
Chrysene, ug/l	<5.0	---	---	5.0
Benzo(a)anthracene, ug/l	<4.0	---	---	4.0
3,3'-Dichlorobenzidine, ug/l	<20	---	---	20
Di-n-octylphthalate, ug/l	<10	---	---	10
Benzo(b)fluoranthene, ug/l	<4.0	---	---	4.0
Benzo(k)fluoranthene, ug/l	<5.0	---	---	5.0
Benzo(a)pyrene, ug/l	<4.0	---	---	4.0
Indeno (1,2,3-cd)pyrene, ug/l	<5.0	---	---	5.0
Dibenz(a,h)anthracene, ug/l	<5.0	---	---	5.0
Benzo(g,h,i)perylene, ug/l	<10	---	---	10
N-Nitrosodimethylamine, ug/l	<10	---	---	10
Chlordane, ug/l	<50	---	---	50
Toxaphene, ug/l	<2000	---	---	2000
Aroclor-1016, ug/l	<500	---	---	500
Aroclor-1221, ug/l	<500	---	---	500
Aroclor-1232, ug/l	<500	---	---	500
Aroclor-1242, ug/l	<500	---	---	500
Aroclor-1248, ug/l	<500	---	---	500

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70890-19	Lab Blank
70890-20	Accuracy - % Recovery (Mean)
70890-21	Precision - Relative % Difference
70890-22	Detection Limit

PARAMETER	70890-19	70890-20	70890-21	70890-22
Aroclor-1254, ug/l	<500	---	---	500
Aroclor-1260, ug/l	<500	---	---	500
2-Chlorophenol, ug/l	<10	70 %	16 %	10
2-Nitrophenol, ug/l	<10	---	---	10
Phenol, ug/l	<10	70 %	14 %	10
2,4-Dimethylphenol, ug/l	<10	---	---	10
2,4-Dichlorophenol, ug/l	<10	---	---	10
2,4,6-Trichlorophenol, ug/l	<10	---	---	10
4-Chloro-3-methylphenol, ug/l	<10	74 %	15 %	10
2,4-Dinitrophenol, ug/l	<50	---	---	50
2-Methyl-4,6-dinitrophenol, ug/l	<50	---	---	50
Pentachlorophenol, ug/l	<20	78 %	8.9 %	20
4-Nitrophenol, ug/l	<50	74 %	4.0 %	50
Benzyl alcohol, ug/l	<10	---	---	10
2-Methylphenol (o-cresol), ug/l	<10	---	---	10
4-Methylphenol (p-cresol), ug/l	<10	---	---	10
Benzoic acid, ug/l	<50	---	---	50
4-Chloroaniline, ug/l	<20	---	---	20
1-Methylnaphthalene, ug/l	<10	---	---	10
2-Methylnaphthalene, ug/l	<10	---	---	10
2,4,5-Trichlorophenol, ug/l	<10	---	---	10
2-Nitroaniline, ug/l	<50	---	---	50
3-Nitroaniline, ug/l	<50	---	---	50
Dibenzofuran, ug/l	<10	---	---	10
4-Nitroaniline, ug/l	<50	---	---	50
Date Extracted	04.17.96	---	---	---
Date Analyzed	04.19.96	---	---	---
Method Number	EPA 8270	---	---	---

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70890
Received: 16 APR 96
Reported: 03 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70890-19	Lab Blank
70890-20	Accuracy - % Recovery (Mean)
70890-21	Precision - Relative % Difference
70890-22	Detection Limit

PARAMETER	70890-19	70890-20	70890-21	70890-22
Arsenic				
Arsenic, mg/l	<0.010	93 %	6.4 %	0.010
Date Analyzed	05.01.96	---	---	---
Method Number	EPA 7060	---	---	---
Barium				
Barium, mg/l	<0.010	98 %	0 %	0.010
Date Analyzed	04.29.96	---	---	---
Method Number	EPA 6010	---	---	---
Cadmium (MIBK)				
Cadmium, mg/l	<0.000050	116 %	9.5 %	0.000050
Date Analyzed	04.19.96	---	---	---
Method Number	EPA 7131	---	---	---
Chromium				
Chromium, mg/l	<0.010	92 %	1.1 %	0.010
Date Analyzed	04.29.96	---	---	---
Method Number	EPA 6010	---	---	---
Copper				
Copper, mg/l	<0.025	96 %	1.0 %	0.025
Date Analyzed	04.29.96	---	---	---
Method Number	EPA 6010	---	---	---
Lead				
Lead, mg/l	<0.0050	96 %	2.1 %	0.0050
Date Analyzed	04.26.96	---	---	---
Method Number	EPA 7421	---	---	---

SL SAVANNAH LABORATORIES
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Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70890-19	Lab Blank
70890-20	Accuracy - % Recovery (Mean)
70890-21	Precision - Relative % Difference
70890-22	Detection Limit

PARAMETER	70890-19	70890-20	70890-21	70890-22
Mercury (7470/7471)				
Mercury, mg/l	<0.00020	95 %	4.2 %	0.00020
Date Analyzed	04.23.96	---	---	---
Method Number	EPA 7470	---	---	---
Selenium (EPA 7742)				
Selenium, mg/l	<0.0020	103 %	3.9 %	0.0020
Date Analyzed	04.24.96	---	---	---
Method Number	EPA 7742	---	---	---
Silver (MIBK)				
Silver, mg/l	<0.000050	94 %	1.1 %	0.000050
Date Analyzed	04.22.96	---	---	---
Method Number	EPA 7761	---	---	---
Zinc				
Zinc, mg/l	<0.020	90 %	1.1 %	0.020
Date Analyzed	04.29.96	---	---	---
Method Number	EPA 6010	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.
*NOTE: Total and Dissolved Cadmium results may be biased low due to high levels of iron in the samples.
**NOTE: Due to the abundance of the target analyte, the reported result was quantified by ICP to minimize dilution error. The result may be biased low due to high levels of iron in the sample.
*F65 = Elevated detection limits were reported due to sample matrix interference which required sample or extract dilution.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number - - -

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869.50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE
MI	Tim Twist, Simon Sunderland	(407) 750-3733
		FAX

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
185 N.W. Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES

PAGE 2 OF 2

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	8270	Cadmium (7131) Silver (7761) Total + Dis.	Mercury (7470 Total + Dis.	Lead (7421) / Arsenic (7060) Cr (7191) Zn (7950) Total + Dis.	Selenium (7741)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/15/96	09:56		MW-3-7	✓				2					2	All metals have
	10:28		MW-3-8	✓				2					2	Samples for total
	15:30		MW-16-1	✓				1	1	2	2	2	2	and dissolved-
	15:15		equipment blank	✓				2	1	1	1	1		(T) = total)
↓	15:30		Duplicate	✓				2	2	2	2	2	2	(D) = dissolved
														Equipment blank for total metals

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	4/9		Simon Sunderland	4/15/96	18:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Simon Sunderland	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Carolyn [illegible]	4/16/96	8:45	☐ YES ☐ NO		D6708 90	

Serial Number

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
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☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (205) 666-6633 — Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869-50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE
MI	Tim Twist, Simon Sundelowd	(407) 750-3733
		FAX

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
185 N.W. ~~Boca~~ Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc.)

REQUIRED ANALYSES: Cadmium (7131) Total; Cadmium (7131) Dissolved; Lead (7421) Total; Lead (7421) Dissolved; Mercury (7470) Total; Mercury (7470) Dissolved; Nickel (6010) Total; Nickel (6010) Dissolved; 8270

PAGE 1 OF 2

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS	SOLID	AIR	NONAQUEOUS	Cd Total	Cd Dissolved	Pb Total	Pb Dissolved	Hg Total	Hg Dissolved	Ni Total	Ni Dissolved	8270	REMARKS
4/14/96	11:35		MW-2-12A-1	✓				1	1	1	1	1	1				
	12:00		MW-2-13A-1	✓				1	1	1	1	1	1				
	12:48		MW-6-5A-1	✓				1	1	1	1	1	1	1	1		
	13:35		MW-7-3-1	✓				1	1	1	1	1	1				
	14:10		MW-1-5-1	✓				1	1	1	1			1	1		
	12:48		Duplicate GW-5	✓				1	1	1	1	1	1	1	1		
	11:25		Equipment blank GW-12	✓				1	3	1	3	1	3				
4/15/96	11:12		MW-2-12A-2	✓				1	1	1	1	1	1				
	11:35		MW-2-13A-2	✓				1	1	1	1	1	1				
	12:30		MW-6-5A-2	✓				1	1	1	1	1	1	1	1		
	13:30		MW-7-3-2	✓				1	1	1	1	1	1				
	14:00		MW-1-5-2	✓				1	1	1	1			1	1		
	09:45		MW-3-6	✓												2	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Paul Lanier	4/9		Simon Sundelowd	4/15/96	15:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Simon Sundelowd	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Carolyn H	4/16/96	8:45	☐ YES ☐ NO		D620850	

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES. INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70924
Received: 18 APR 96
Reported: 03 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70924-1	MW-2-12A-3	04-16-96
70924-2	MW-2-13A-3	04-16-96
70924-3	MW-7-3-3	04-16-96

PARAMETER	70924-1	70924-2	70924-3
Cadmium (MIBK)			
Cadmium, mg/l	<0.000050*	0.15**	0.00021*
Date Analyzed	04.23.96	04.24.96	04.23.96
Method Number	EPA 7131	EPA 6010	EPA 7131
Cadmium, Dissolved (MIBK)			
Cadmium, mg/l	0.00016	0.000084*	<0.000050*
Date Analyzed	04.23.96	04.23.96	04.23.96
Method Number	EPA 7131	EPA 7131	EPA 7131
Lead			
Lead, mg/l	<0.0050	0.61	0.084
Date Analyzed	04.30.96	04.30.96	04.30.96
Method Number	EPA 7421	EPA 7421	EPA 7421
Lead (Dissolved)			
Lead (Dissolved), mg/l	<0.0050	<0.0050	<0.0050
Date Analyzed	04.30.96	04.30.96	04.30.96
Method Number	EPA 7421	EPA 7421	EPA 7421
Mercury (7470/7471)			
Mercury, mg/l	<0.00020	<0.00020	<0.00020
Date Analyzed	04.25.96	04.25.96	04.25.96
Method Number	EPA 7470	EPA 7470	EPA 7470
Mercury (Dissolved)			
Mercury (Dissolved), mg/l	<0.00020	<0.00020	<0.00020
Date Analyzed	04.25.96	04.25.96	04.25.96
Method Number	EPA 7470	EPA 7470	EPA 7470

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

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Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70924-4	MW-6-5A-3	04-16-96
70924-5	BG-1	04-17-96
70924-6	BG-2	04-17-96
70924-7	BG-3	04-17-96
70924-8	BG-4	04-17-96

PARAMETER	70924-4	70924-5	70924-6	70924-7	70924-8
Cadmium (MIBK)					
Cadmium, mg/l	<0.000050*	<0.000050*	<0.000050*	<0.000050*	<0.000050*
Date Analyzed	04.23.96	04.23.96	04.23.96	04.23.96	04.23.96
Method Number	EPA 7131	EPA 7131	EPA 7131	EPA 7131	EPA 7131
Cadmium, Dissolved (MIBK)					
Cadmium, mg/l	<0.000050	<0.000050*	<0.000050*	<0.000050*	<0.000050*
Date Analyzed	04.23.96	04.23.96	04.23.96	04.23.96	04.23.96
Method Number	EPA 7131	EPA 7131	EPA 7131	EPA 7131	EPA 7131
Lead					
Lead, mg/l	<0.0050	<0.0050	<0.0050	0.0066	0.0055
Date Analyzed	04.30.96	04.30.96	04.30.96	04.30.96	04.30.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Lead (Dissolved)					
Lead (Dissolved), mg/l	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Date Analyzed	04.30.96	04.30.96	04.30.96	04.30.96	04.30.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Mercury (7470/7471)					
Mercury, mg/l	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Date Analyzed	04.25.96	04.25.96	04.29.96	04.29.96	04.29.96
Method Number	EPA 7470	EPA 7470	EPA 7470	EPA 7470	EPA 7470
Mercury (Dissolved)					
Mercury (Dissolved), mg/l	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Date Analyzed	04.25.96	04.29.96	04.29.96	04.29.96	04.29.96
Method Number	EPA 7470	EPA 7470	EPA 7470	EPA 7470	EPA 7470

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70924
Received: 18 APR 96
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Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70924-4	MW-6-5A-3	04-16-96
70924-5	BG-1	04-17-96
70924-6	BG-2	04-17-96
70924-7	BG-3	04-17-96
70924-8	BG-4	04-17-96

PARAMETER	70924-4	70924-5	70924-6	70924-7	70924-8
Nickel					
Nickel, mg/l	<0.040	<0.040	<0.040	<0.040	<0.040
Date Analyzed	05.02.96	05.02.96	05.02.96	05.01.96	05.02.96
Method Number	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Nickel (Dissolved)					
Nickel (Dissolved), mg/l	<0.040	<0.040	<0.040	<0.040	<0.040
Date Analyzed	05.02.96	05.02.96	05.02.96	05.01.96	05.01.96
Method Number	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70924-9	BG-5	04-17-96
70924-10	MW-DUP	04-17-96

PARAMETER	70924-9	70924-10
Cadmium (MIBK)		
Cadmium, mg/l	<0.000050*	<0.000050*
Date Analyzed	04.23.96	04.23.96
Method Number	EPA 7131	EPA 7131
Cadmium, Dissolved (MIBK)		
Cadmium, mg/l	<0.000050	<0.000050*
Date Analyzed	04.23.96	04.23.96
Method Number	EPA 7131	EPA 7131
Lead		
Lead, mg/l	<0.0050	<0.0050
Date Analyzed	04.30.96	04.30.96
Method Number	EPA 7421	EPA 7421
Lead (Dissolved)		
Lead (Dissolved), mg/l	<0.0050	<0.0050
Date Analyzed	04.30.96	04.30.96
Method Number	EPA 7421	EPA 7421
Mercury (7470/7471)		
Mercury, mg/l	<0.00020	<0.00020
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 7470	EPA 7470
Mercury (Dissolved)		
Mercury (Dissolved), mg/l	<0.00020	<0.00020
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 7470	EPA 7470

SL SAVANNAH LABORATORIES
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Project: #869.50 (Willow Run)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70924-9	BG-5	04-17-96
70924-10	MW-DUP	04-17-96

PARAMETER	70924-9	70924-10
Nickel		
Nickel, mg/l	<0.040	<0.040
Date Analyzed	05.01.96	05.02.96
Method Number	EPA 6010	EPA 6010
Nickel (Dissolved)		
Nickel (Dissolved), mg/l	<0.040	<0.040
Date Analyzed	05.01.96	05.02.96
Method Number	EPA 6010	EPA 6010

SL SAVANNAH LABORATORIES
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185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70924-11	MW-1-5-3	04-16-96

PARAMETER	70924-11
Cadmium (MIBK)	
Cadmium, mg/l	<0.000050*
Date Analyzed	04.23.96
Method Number	EPA 7131
Cadmium, Dissolved (MIBK)	
Cadmium, mg/l	<0.000050*
Date Analyzed	04.23.96
Method Number	EPA 7131
Lead	
Lead, mg/l	0.0099
Date Analyzed	04.30.96
Method Number	EPA 7421
Lead (Dissolved)	
Lead (Dissolved), mg/l	<0.0050
Date Analyzed	04.30.96
Method Number	EPA 7421
Nickel	
Nickel, mg/l	<0.040
Date Analyzed	05.02.96
Method Number	EPA 6010
Nickel (Dissolved)	
Nickel (Dissolved), mg/l	<0.040
Date Analyzed	05.02.96
Method Number	EPA 6010

SL SAVANNAH LABORATORIES
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Project: #869.50 (Willow Run)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70924-12	Lab Blank
70924-13	Accuracy - % Recovery (Mean)
70924-14	Precision - Relative % Difference
70924-15	Detection Limit

PARAMETER	70924-12	70924-13	70924-14	70924-15
Cadmium (MIBK)				
Cadmium, mg/l	<0.000050	102 %	3.9 %	0.000050
Date Analyzed	04.23.96	---	---	---
Method Number	EPA 7131	---	---	---
Lead				
Lead, mg/l	<0.0050	114 %	3.5 %	0.0050
Date Analyzed	04.30.96	---	---	---
Method Number	EPA 7421	---	---	---
Mercury (7470/7471)				
Mercury, mg/l	<0.00020	99 %	0 %	0.00020
Date Analyzed	04.29.96	---	---	---
Method Number	EPA 7470	---	---	---
Nickel				
Nickel, mg/l	<0.040	98 %	1.0 %	0.040
Date Analyzed	05.02.96	---	---	---
Method Number	EPA 6010	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.
*NOTE: Total and Dissolved Cadmium results may be biased low due to high levels of iron in the samples.
**NOTE: Due to the abundance of the target analyte, the reported result was quantified by ICP to minimize dilution error. The result may be biased low due to the high level of iron in the sample.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 31[illegible]01

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (305) 421-7400 — Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (205) 666-6633 — Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	B69.50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE
FL	Mike Mueller, Simon Sandhu	(407)750-3733
		FAX

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Lead (Total) / Cadmium (Total) / Mercury (Total) / Nickel (Total) / Lead (Dissolved) / Cadmium (Dissolved) / Nickel (Dissolved) / Mercury (Dissolved)

PAGE 1 OF

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	Lead (Total)	Cadmium (Total)	Mercury (Total)	Nickel (Total)	Lead (Dissolved)	Cadmium (Dissolved)	Nickel (Dissolved)	Mercury (Dissolved)	REMARKS
4/16/96	10:40		MW-2-12A-3	✓				1	1	1		1	1		1	
	11:15		MW-2-13A-3	✓				1	1	1		1	1		1	
	12:00		MW-6-5A-3	✓				1	1	1	1	1	1	1	1	
	13:00		MW-7-3-3	✓				1	1	1		1	1		1	
↓	13:45		MW-1-5-3	✓				1	1		1	1	1	1		
4/17/96	10:40		BG-1	✓				1	1	1	1	1	1	1	1	
	14:30		BG-2	✓				1	1	1	1	1	1	1	1	
	13:50		BG-3	✓				1	1	1	1	1	1	1	1	
	11:50		BG-4	✓				1	1	1	1	1	1	1	1	
	12:30		BG-5	✓				1	1	1	1	1	1	1	1	
↓	10:40		MW-Dup	✓				1	1	1	1	1	1	1	1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	4/9		[signature]	4/17/96	16:30			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[signature]	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
			☐ YES ☐ NO	1	D6 10924	

ORIGINAL

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-71545
Received: 29 JUN 96
Reported: 11 JUL 96

Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-1	P117-SB1 (1-3' BLS)	06-26-96
71545-2	P117-SB1 (3-5' BLS)	06-26-96
71545-3	P117-SB2 (1-3' BLS)	06-28-96
71545-4	P117-SB2 (3-5' BLS)	06-28-96
71545-5	P117-SB3 (1-3' BLS)	06-28-96

PARAMETER	71545-1	71545-2	71545-3	71545-4	71545-5
Volatiles by GC/MS (8260)					
Benzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Bromobenzene, ug/kg dw	<10	<10	<10	<10	<10
Bromochloromethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane, ug/kg dw	<10	<10	<10	<10	<10
n-Butylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon tetrachloride, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorodibromomethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane, ug/kg dw	<10	<10	<10	<10	<10
Chloroform, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane, ug/kg dw	<10	<10	<10	<10	<10
2-Chlorotoluene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
4-Chlorotoluene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromo-3-chloropropane , ug/kg dw	<10	<10	<10	<10	<10
1,2-Dibromoethane (EDB), ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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Received: 29 JUN 96
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185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-1	P117-SB1 (1-3' BLS)	06-26-96
71545-2	P117-SB1 (3-5' BLS)	06-26-96
71545-3	P117-SB2 (1-3' BLS)	06-28-96
71545-4	P117-SB2 (3-5' BLS)	06-28-96
71545-5	P117-SB3 (1-3' BLS)	06-28-96

PARAMETER	71545-1	71545-2	71545-3	71545-4	71545-5
1,2-Dichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobutadiene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Isopropylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene chloride, ug/kg dw	<5.0	<5.0	<5.0	<5.0	30
Naphthalene, ug/kg dw	<5.0	<5.0	36	<5.0	<5.0
n-Propylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0

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71545-4	P117-SB2 (3-5' BLS)	06-28-96
71545-5	P117-SB3 (1-3' BLS)	06-28-96

PARAMETER	71545-1	71545-2	71545-3	71545-4	71545-5
1,1,1,2-Tetrachloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride, ug/kg dw	<10	<10	<10	<10	<10
o-Xylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
m&p-Xylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Surrogate - 4-Bromofluorobenzene	96 %	100 %	97 %	90 %	98 %
Surrogate - Toluene-d8	98 %	95 %	100 %	95 %	101 %
Surrogate - Dibromofluoromethane	109 %	111 %	109 %	114 %	107 %
Date Analyzed	07.02.96	07.02.96	07.02.96	07.03.96	07.03.96
Method Number	EPA 8260	EPA 8260	EPA 8260	EPA 8260	EPA 8260
Dilution factor	1	1	1	1	1

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71545-4	P117-SB2 (3-5' BLS)	06-28-96
71545-5	P117-SB3 (1-3' BLS)	06-28-96

PARAMETER	71545-1	71545-2	71545-3	71545-4	71545-5
Semivolatile Organics (8270)					
1,3-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
1,4-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Hexachloroethane, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-Chloroethyl)ether, ug/kg dw	<330	<330	<330	<330	<330
1,2-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-chloroisopropyl)ether , ug/kg dw	<330	<330	<330	<330	<330
N-Nitrosodi-N-Propylamine, ug/kg dw	<330	<330	<330	<330	<330
Nitrobenzene, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorobutadiene, ug/kg dw	<330	<330	<330	<330	<330
1,2,4-Trichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Isophorone, ug/kg dw	<330	<330	<330	<330	<330
Naphthalene, ug/kg dw	<330	<330	350	<330	1300
Bis(2-Chloroethoxy)methane, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorocyclopentadiene, ug/kg dw	<330	<330	<330	<330	<330
2-Chloronaphthalene, ug/kg dw	<330	<330	<330	<330	<330
Acenaphthylene, ug/kg dw	<330	<330	<330	<330	<330
Acenaphthene, ug/kg dw	<330	<330	560	<330	400

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71545-4	P117-SB2 (3-5' BLS)	06-28-96
71545-5	P117-SB3 (1-3' BLS)	06-28-96

PARAMETER	71545-1	71545-2	71545-3	71545-4	71545-5
Dimethylphthalate, ug/kg dw	<330	<330	<330	<330	<330
2,6-Dinitrotoluene, ug/kg dw	<330	<330	<330	<330	<330
Fluorene, ug/kg dw	<330	<330	**980**	<330	**530**
4-Chlorophenyl-phenyl ether, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dinitrotoluene, ug/kg dw	<330	<330	<330	<330	<330
Diethylphthalate, ug/kg dw	<330	<330	<330	<330	<330
N-Nitrosodiphenylamine/diphenylamine, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Gamma-BHC, ug/kg dw	<330	<330	<330	<330	<330
4-Bromophenyl-phenyl-ether, ug/kg dw	<330	<330	<330	<330	<330
Delta-BHC, ug/kg dw	<330	<330	<330	<330	<330
Phenanthrene, ug/kg dw	**670**	<330	**2800**	<330	**860**
Anthracene, ug/kg dw	<330	<330	**1100**	<330	<330
Beta-BHC, ug/kg dw	<330	<330	<330	<330	<330
Heptachlor, ug/kg dw	<660	<660	<660	<660	<660
Alpha-BHC, ug/kg dw	<330	<330	<330	<330	<330
Aldrin, ug/kg dw	<330	<330	<330	<330	<330
Di-n-butylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Heptachlor epoxide, ug/kg dw	<660	<660	<660	<660	<660

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71545-5	P117-SB3 (1-3' BLS)	06-28-96

PARAMETER	71545-1	71545-2	71545-3	71545-4	71545-5
Endosulfan I, ug/kg dw	<660	<660	<660	<660	<660
Fluoranthene, ug/kg dw	1300	<330	2600	<330	610
Dieldrin, ug/kg dw	<330	<330	<330	<330	<330
4,4'-DDE, ug/kg dw	<330	<330	<330	<330	<330
Pyrene, ug/kg dw	640	<330	2600	<330	650
Endrin, ug/kg dw	<660	<660	<660	<660	<660
Endosulfan II, ug/kg dw	<660	<660	<660	<660	<660
4,4'-DDD, ug/kg dw	<330	<330	<330	<330	<330
Benzidine, ug/kg dw	<2700	<2700	<2700	<2700	<2700
4,4'-DDT, ug/kg dw	<330	<330	<330	<330	<330
Endosulfan sulfate, ug/kg dw	<660	<660	<660	<660	<660
Endrin Aldehyde, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Butylbenzylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-Ethylhexyl)phthalate, ug/kg dw	<330	<330	<330	<330	<330
Chrysene, ug/kg dw	380	<330	1100	<330	<330
Benzo(a)anthracene, ug/kg dw	<330	<330	940	<330	<330
3,3'-Dichlorobenzidine, ug/kg dw	<660	<660	<660	<660	<660
Di-n-octylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Benzo(b)fluoranthene, ug/kg dw	460	<330	990	<330	<330
Benzo(k)fluoranthene, ug/kg dw	360	<330	<330	<330	<330
Benzo(a)pyrene, ug/kg dw	<330	<330	780	<330	<330

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71545-5	P117-SB3 (1-3' BLS)	06-28-96

PARAMETER	71545-1	71545-2	71545-3	71545-4	71545-5
Pentachlorophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700
4-Nitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Benzyl alcohol, ug/kg dw	<330	<330	<330	<330	<330
2-Methylphenol (o-cresol), ug/kg dw	<330	<330	<330	<330	<330
4-Methylphenol (p-cresol), ug/kg dw	<330	<330	<330	<330	<330
Benzoic acid, ug/kg dw	<1700	<1700	<1700	<1700	<1700
4-Chloroaniline, ug/kg dw	<660	<660	<660	<660	<660
2-Methylnaphthalene, ug/kg dw	<330	<330	<330	<330	<330
2,4,5-Trichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
3-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Dibenzofuran, ug/kg dw	<330	<330	540	<330	350
4-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Surrogate - 2-Fluorophenol	37 %	50 %	30 %	38 %	52 %
Surrogate - Phenol-5	46 %	60 %	32 %	45 %	68 %
Surrogate - Nitrobenzene d-5	40 %	54 %	30 %	40 %	57 %
Surrogate - 2-Fluorobiphenyl	50 %	61 %	35 %	47 %	71 %
Surrogate - 2,4,6-Tribromophenol	53 %	71 %	31 %	35 %	48 %
Surrogate - Terphenyl	40 %	39 %	37 %	35 %	66 %
Date Extracted	07.02.96	07.02.96	07.02.96	07.02.96	07.02.96
Date Analyzed	07.03.96	07.02.96	07.07.96	07.07.96	07.07.96
Method Number	EPA 8270	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Dilution factor	1	1	1	1	1

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-71545
Received: 29 JUN 96
Reported: 11 JUL 96

Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-1	P117-SB1 (1-3' BLS)	06-26-96
71545-2	P117-SB1 (3-5' BLS)	06-26-96
71545-3	P117-SB2 (1-3' BLS)	06-28-96
71545-4	P117-SB2 (3-5' BLS)	06-28-96
71545-5	P117-SB3 (1-3' BLS)	06-28-96

PARAMETER	71545-1	71545-2	71545-3	71545-4	71545-5
Indeno (1,2,3-cd)pyrene, ug/kg dw	<330	<330	500	<330	<330
Dibenz(a,h)anthracene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(g,h,i)perylene, ug/kg dw	<330	<330	620	<330	<330
N-Nitrosodimethylamine, ug/kg dw	<330	<330	<330	<330	<330
Chlordane, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Toxaphene, ug/kg dw	<67000	<67000	<67000	<67000	<67000
Aroclor-1016, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1221, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1232, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1242, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1248, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1254, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1260, ug/kg dw	<17000	<17000	<17000	<17000	<17000
2-Chlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2-Nitrophenol, ug/kg dw	<330	<330	<330	<330	<330
Phenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dimethylphenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2,4,6-Trichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
4-Chloro-3-methylphenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dinitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700
2-Methyl-4,6-dinitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700

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Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-1	P117-SB1 (1-3' BLS)	06-26-96
71545-2	P117-SB1 (3-5' BLS)	06-26-96
71545-3	P117-SB2 (1-3' BLS)	06-28-96
71545-4	P117-SB2 (3-5' BLS)	06-28-96
71545-5	P117-SB3 (1-3' BLS)	06-28-96

PARAMETER	71545-1	71545-2	71545-3	71545-4	71545-5
Glycols (DAI)					
Propylene glycol, mg/kg dw	<5.4	<5.8	<5.7	<6.0	<5.6
Ethylene Glycol, mg/kg dw	<5.4	<5.8	<5.7	<6.0	<5.6
Diethylene Glycol, mg/kg dw	<5.4	<5.8	<5.7	<6.0	<5.6
Triethylene Glycol, mg/kg dw	<5.4	<5.8	<5.7	<6.0	<5.6
Tetraethylene Glycol, mg/kg dw	<5.4	<5.8	<5.7	<6.0	<5.6
Date Analyzed	07.02.96	07.02.96	07.02.96	07.02.96	07.02.96
Method Number	8015-DAI	8015-DAI	8015-DAI	8015-DAI	8015-DAI
Percent Solids, %	92	86	88	84	89

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-6	P117-SB3 (3-5' BLS)	06-28-96
71545-7	P117-SB4 (1-3' BLS)	06-28-96
71545-8	P117-SB4 (3-5' BLS)	06-28-96
71545-9	P117-SB5 (.75-3' BLS)	06-28-96
71545-10	P117-SB5 (3-5' BLS)	06-28-96

PARAMETER	71545-6	71545-7	71545-8	71545-9	71545-10
Volatiles by GC/MS (8260)					
Benzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Bromobenzene, ug/kg dw	<10	<10	<10	<10	<10
Bromochloromethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane, ug/kg dw	<10	<10	<10	<10	<10
n-Butylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon tetrachloride, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorodibromomethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane, ug/kg dw	<10	<10	<10	<10	<10
Chloroform, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane, ug/kg dw	<10	<10	<10	<10	<10
2-Chlorotoluene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
4-Chlorotoluene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromo-3-chloropropane , ug/kg dw	<10	<10	<10	<10	<10
1,2-Dibromoethane (EDB), ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0

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Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-6	P117-SB3 (3-5' BLS)	06-28-96
71545-7	P117-SB4 (1-3' BLS)	06-28-96
71545-8	P117-SB4 (3-5' BLS)	06-28-96
71545-9	P117-SB5 (.75-3' BLS)	06-28-96
71545-10	P117-SB5 (3-5' BLS)	06-28-96

PARAMETER	71545-6	71545-7	71545-8	71545-9	71545-10
1,1,1,2-Tetrachloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride, ug/kg dw	<10	<10	<10	<10	<10
o-Xylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
m&p-Xylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Surrogate - 4-Bromofluorobenzene	97 %	96 %	95 %	98 %	96 %
Surrogate - Toluene-d8	99 %	98 %	99 %	99 %	97 %
Surrogate - Dibromofluoromethane	117 %	110 %	112 %	107 %	108 %
Date Analyzed	07.03.96	07.03.96	07.03.96	07.03.96	07.03.96
Method Number	EPA 8260	EPA 8260	EPA 8260	EPA 8260	EPA 8260
Dilution factor	1	1	1	1	1

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71545-7	P117-SB4 (1-3' BLS)	06-28-96
71545-8	P117-SB4 (3-5' BLS)	06-28-96
71545-9	P117-SB5 (.75-3' BLS)	06-28-96
71545-10	P117-SB5 (3-5' BLS)	06-28-96

PARAMETER	71545-6	71545-7	71545-8	71545-9	71545-10
1,2-Dichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobutadiene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Isopropylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene chloride, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0

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71545-8	P117-SB4 (3-5' BLS)	06-28-96
71545-9	P117-SB5 (.75-3' BLS)	06-28-96
71545-10	P117-SB5 (3-5' BLS)	06-28-96

PARAMETER	71545-6	71545-7	71545-8	71545-9	71545-10
Semivolatile Organics (8270)					
1,3-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
1,4-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Hexachloroethane, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-Chloroethyl)ether, ug/kg dw	<330	<330	<330	<330	<330
1,2-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-chloroisopropyl)ether , ug/kg dw	<330	<330	<330	<330	<330
N-Nitrosodi-N-Propylamine, ug/kg dw	<330	<330	<330	<330	<330
Nitrobenzene, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorobutadiene, ug/kg dw	<330	<330	<330	<330	<330
1,2,4-Trichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Isophorone, ug/kg dw	<330	<330	<330	<330	<330
Naphthalene, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-Chloroethoxy)methane, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorocyclopentadiene, ug/kg dw	<330	<330	<330	<330	<330
2-Chloronaphthalene, ug/kg dw	<330	<330	<330	<330	<330
Acenaphthylene, ug/kg dw	<330	<330	<330	<330	<330
Acenaphthene, ug/kg dw	<330	<330	<330	<330	<330

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71545-8	P117-SB4 (3-5' BLS)	06-28-96
71545-9	P117-SB5 (.75-3' BLS)	06-28-96
71545-10	P117-SB5 (3-5' BLS)	06-28-96

PARAMETER	71545-6	71545-7	71545-8	71545-9	71545-10
Dimethylphthalate, ug/kg dw	<330	<330	<330	<330	<330
2,6-Dinitrotoluene, ug/kg dw	<330	<330	<330	<330	<330
Fluorene, ug/kg dw	<330	<330	<330	<330	<330
4-Chlorophenyl-phenyl ether, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dinitrotoluene, ug/kg dw	<330	<330	<330	<330	<330
Diethylphthalate, ug/kg dw	<330	<330	<330	<330	<330
N-Nitrosodiphenylamine/diphenylamine, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Gamma-BHC, ug/kg dw	<330	<330	<330	<330	<330
4-Bromophenyl-phenyl-ether, ug/kg dw	<330	<330	<330	<330	<330
Delta-BHC, ug/kg dw	<330	<330	<330	<330	<330
Phenanthrene, ug/kg dw	<330	<330	<330	<330	<330
Anthracene, ug/kg dw	<330	<330	<330	<330	<330
Beta-BHC, ug/kg dw	<330	<330	<330	<330	<330
Heptachlor, ug/kg dw	<660	<660	<660	<660	<660
Alpha-BHC, ug/kg dw	<330	<330	<330	<330	<330
Aldrin, ug/kg dw	<330	<330	<330	<330	<330
Di-n-butylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Heptachlor epoxide, ug/kg dw	<660	<660	<660	<660	<660

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71545-8	P117-SB4 (3-5' BLS)	06-28-96
71545-9	P117-SB5 (.75-3' BLS)	06-28-96
71545-10	P117-SB5 (3-5' BLS)	06-28-96

PARAMETER	71545-6	71545-7	71545-8	71545-9	71545-10
Endosulfan I, ug/kg dw	<660	<660	<660	<660	<660
Fluoranthene, ug/kg dw	<330	<330	<330	<330	<330
Dieldrin, ug/kg dw	<330	<330	<330	<330	<330
4,4'-DDE, ug/kg dw	<330	<330	<330	<330	<330
Pyrene, ug/kg dw	<330	<330	<330	<330	<330
Endrin, ug/kg dw	<660	<660	<660	<660	<660
Endosulfan II, ug/kg dw	<660	<660	<660	<660	<660
4,4'-DDD, ug/kg dw	<330	<330	<330	<330	<330
Benzidine, ug/kg dw	<2700	<2700	<2700	<2700	<2700
4,4'-DDT, ug/kg dw	<330	<330	<330	<330	<330
Endosulfan sulfate, ug/kg dw	<660	<660	<660	<660	<660
Endrin Aldehyde, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Butylbenzylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-Ethylhexyl)phthalate, ug/kg dw	<330	<330	<330	<330	<330
Chrysene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(a)anthracene, ug/kg dw	<330	<330	<330	<330	<330
3,3'-Dichlorobenzidine, ug/kg dw	<660	<660	<660	<660	<660
Di-n-octylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Benzo(b)fluoranthene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(k)fluoranthene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(a)pyrene, ug/kg dw	<330	<330	<330	<330	<330

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-71545
Received: 29 JUN 96
Reported: 11 JUL 96

Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-6	P117-SB3 (3-5' BLS)	06-28-96
71545-7	P117-SB4 (1-3' BLS)	06-28-96
71545-8	P117-SB4 (3-5' BLS)	06-28-96
71545-9	P117-SB5 (.75-3' BLS)	06-28-96
71545-10	P117-SB5 (3-5' BLS)	06-28-96

PARAMETER	71545-6	71545-7	71545-8	71545-9	71545-10
Indeno (1,2,3-cd)pyrene, ug/kg dw	<330	<330	<330	<330	<330
Dibenz(a,h)anthracene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(g,h,i)perylene, ug/kg dw	<330	<330	<330	<330	<330
N-Nitrosodimethylamine, ug/kg dw	<330	<330	<330	<330	<330
Chlordane, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Toxaphene, ug/kg dw	<67000	<67000	<67000	<67000	<67000
Aroclor-1016, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1221, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1232, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1242, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1248, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1254, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1260, ug/kg dw	<17000	<17000	<17000	<17000	<17000
2-Chlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2-Nitrophenol, ug/kg dw	<330	<330	<330	<330	<330
Phenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dimethylphenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2,4,6-Trichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
4-Chloro-3-methylphenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dinitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700
2-Methyl-4,6-dinitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700

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Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-6	P117-SB3 (3-5' BLS)	06-28-96
71545-7	P117-SB4 (1-3' BLS)	06-28-96
71545-8	P117-SB4 (3-5' BLS)	06-28-96
71545-9	P117-SB5 (.75-3' BLS)	06-28-96
71545-10	P117-SB5 (3-5' BLS)	06-28-96

PARAMETER	71545-6	71545-7	71545-8	71545-9	71545-10
Pentachlorophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700
4-Nitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Benzyl alcohol, ug/kg dw	<330	<330	<330	<330	<330
2-Methylphenol (o-cresol), ug/kg dw	<330	<330	<330	<330	<330
4-Methylphenol (p-cresol), ug/kg dw	<330	<330	<330	<330	<330
Benzoic acid, ug/kg dw	<1700	<1700	<1700	<1700	<1700
4-Chloroaniline, ug/kg dw	<660	<660	<660	<660	<660
2-Methylnaphthalene, ug/kg dw	<330	<330	<330	<330	<330
2,4,5-Trichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
3-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Dibenzofuran, ug/kg dw	<330	<330	<330	<330	<330
4-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Surrogate - 2-Fluorophenol	38 %	42 %	32 %	55 %	50 %
Surrogate - Phenol-5	44 %	46 %	34 %	62 %	57 %
Surrogate - Nitrobenzene d-5	42 %	43 %	31 %	58 %	46 %
Surrogate - 2-Fluorobiphenyl	42 %	46 %	33 %	54 %	56 %
Surrogate - 2,4,6-Tribromophenol	38 %	42 %	34 %	43 %	61 %
Surrogate - Terphenyl	29 %	34 %	33 %	40 %	34 %
Date Extracted	07.02.96	07.02.96	07.02.96	07.02.96	07.02.96
Date Analyzed	07.06.96	07.07.96	07.07.96	07.07.96	07.02.96
Method Number	EPA 8270	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Dilution factor	1	1	1	1	1

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Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
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71545-7	P117-SB4 (1-3' BLS)	06-28-96
71545-8	P117-SB4 (3-5' BLS)	06-28-96
71545-9	P117-SB5 (.75-3' BLS)	06-28-96
71545-10	P117-SB5 (3-5' BLS)	06-28-96

PARAMETER	71545-6	71545-7	71545-8	71545-9	71545-10
Glycols (DAI)					
Propylene glycol, mg/kg dw	<5.8	<5.6	<5.8	<5.6	<5.9
Ethylene Glycol, mg/kg dw	<5.8	<5.6	<5.8	<5.6	<5.9
Diethylene Glycol, mg/kg dw	<5.8	<5.6	<5.8	<5.6	<5.9
Triethylene Glycol, mg/kg dw	<5.8	<5.6	<5.8	<5.6	<5.9
Tetraethylene Glycol, mg/kg dw	<5.8	<5.6	<5.8	<5.6	<5.9
Date Analyzed	07.02.96	07.02.96	07.02.96	07.02.96	07.02.96
Method Number	8015-DAI	8015-DAI	8015-DAI	8015-DAI	8015-DAI
Percent Solids, %	86	90	86	90	85

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71545-12	P117-SB6 (3-5' BLS)	06-28-96
71545-13	P117-SB7 (1-3' BLS)	06-28-96
71545-14	P117-SB7 (3-5' BLS)	06-28-96
71545-15	P117-SB8 (1-3' BLS)	06-28-96

PARAMETER	71545-11	71545-12	71545-13	71545-14	71545-15
Volatiles by GC/MS (8260)					
Benzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Bromobenzene, ug/kg dw	<10	<10	<10	<10	<10
Bromochloromethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane, ug/kg dw	<10	<10	<10	<10	<10
n-Butylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon tetrachloride, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorodibromomethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane, ug/kg dw	<10	<10	<10	<10	<10
Chloroform, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane, ug/kg dw	<10	<10	<10	<10	<10
2-Chlorotoluene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
4-Chlorotoluene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromo-3-chloropropane , ug/kg dw	<10	<10	<10	<10	<10
1,2-Dibromoethane (EDB), ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0

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REPORT OF RESULTS

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71545-12	P117-SB6 (3-5' BLS)	06-28-96
71545-13	P117-SB7 (1-3' BLS)	06-28-96
71545-14	P117-SB7 (3-5' BLS)	06-28-96
71545-15	P117-SB8 (1-3' BLS)	06-28-96

PARAMETER	71545-11	71545-12	71545-13	71545-14	71545-15
1,2-Dichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobutadiene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Isopropylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene chloride, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0

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71545-13	P117-SB7 (1-3' BLS)	06-28-96
71545-14	P117-SB7 (3-5' BLS)	06-28-96
71545-15	P117-SB8 (1-3' BLS)	06-28-96

PARAMETER	71545-11	71545-12	71545-13	71545-14	71545-15
1,1,1,2-Tetrachloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	9.7
1,1,2-Trichloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethylene, ug/kg dw	<5.0	19	<5.0	<5.0	<5.0
Trichlorofluoromethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride, ug/kg dw	<10	<10	<10	<10	<10
o-Xylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
m&p-Xylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Surrogate - 4-Bromofluorobenzene	100 %	92 %	95 %	91 %	94 %
Surrogate - Toluene-d8	98 %	95 %	99 %	90 %	98 %
Surrogate - Dibromofluoromethane	110 %	108 %	106 %	105 %	106 %
Date Analyzed	07.03.96	07.03.96	07.03.96	07.04.96	07.04.96
Method Number	EPA 8260	EPA 8260	EPA 8260	EPA 8260	EPA 8260
Dilution factor	1	1	1	1	1

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71545-14	P117-SB7 (3-5' BLS)	06-28-96
71545-15	P117-SB8 (1-3' BLS)	06-28-96

PARAMETER	71545-11	71545-12	71545-13	71545-14	71545-15
Semivolatile Organics (8270)					
1,3-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
1,4-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Hexachloroethane, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-Chloroethyl)ether, ug/kg dw	<330	<330	<330	<330	<330
1,2-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-chloroisopropyl)ether , ug/kg dw	<330	<330	<330	<330	<330
N-Nitrosodi-N-Propylamine, ug/kg dw	<330	<330	<330	<330	<330
Nitrobenzene, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorobutadiene, ug/kg dw	<330	<330	<330	<330	<330
1,2,4-Trichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Isophorone, ug/kg dw	<330	<330	<330	<330	<330
Naphthalene, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-Chloroethoxy)methane, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorocyclopentadiene, ug/kg dw	<330	<330	<330	<330	<330
2-Chloronaphthalene, ug/kg dw	<330	<330	<330	<330	<330
Acenaphthylene, ug/kg dw	<330	<330	<330	<330	<330
Acenaphthene, ug/kg dw	<330	<330	<330	<330	<330

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71545-15	P117-SB8 (1-3' BLS)	06-28-96

PARAMETER	71545-11	71545-12	71545-13	71545-14	71545-15
Dimethylphthalate, ug/kg dw	<330	<330	<330	<330	<330
2,6-Dinitrotoluene, ug/kg dw	<330	<330	<330	<330	<330
Fluorene, ug/kg dw	<330	<330	<330	<330	<330
4-Chlorophenyl-phenyl ether, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dinitrotoluene, ug/kg dw	<330	<330	<330	<330	<330
Diethylphthalate, ug/kg dw	<330	<330	<330	<330	<330
N-Nitrosodiphenylamine/diphenylamine, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Gamma-BHC, ug/kg dw	<330	<330	<330	<330	<330
4-Bromophenyl-phenyl-ether, ug/kg dw	<330	<330	<330	<330	<330
Delta-BHC, ug/kg dw	<330	<330	<330	<330	<330
Phenanthrene, ug/kg dw	<330	<330	<330	<330	<330
Anthracene, ug/kg dw	<330	<330	<330	<330	<330
Beta-BHC, ug/kg dw	<330	<330	<330	<330	<330
Heptachlor, ug/kg dw	<660	<660	<660	<660	<660
Alpha-BHC, ug/kg dw	<330	<330	<330	<330	<330
Aldrin, ug/kg dw	<330	<330	<330	<330	<330
Di-n-butylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Heptachlor epoxide, ug/kg dw	<660	<660	<660	<660	<660

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71545-12	P117-SB6 (3-5' BLS)	06-28-96
71545-13	P117-SB7 (1-3' BLS)	06-28-96
71545-14	P117-SB7 (3-5' BLS)	06-28-96
71545-15	P117-SB8 (1-3' BLS)	06-28-96

PARAMETER	71545-11	71545-12	71545-13	71545-14	71545-15
Endosulfan I, ug/kg dw	<660	<660	<660	<660	<660
Fluoranthene, ug/kg dw	<330	<330	<330	<330	<330
Dieldrin, ug/kg dw	<330	<330	<330	<330	<330
4,4'-DDE, ug/kg dw	<330	<330	<330	<330	<330
Pyrene, ug/kg dw	<330	<330	<330	<330	<330
Endrin, ug/kg dw	<660	<660	<660	<660	<660
Endosulfan II, ug/kg dw	<660	<660	<660	<660	<660
4,4'-DDD, ug/kg dw	<330	<330	<330	<330	<330
Benzidine, ug/kg dw	<2700	<2700	<2700	<2700	<2700
4,4'-DDT, ug/kg dw	<330	<330	<330	<330	<330
Endosulfan sulfate, ug/kg dw	<660	<660	<660	<660	<660
Endrin Aldehyde, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Butylbenzylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-Ethylhexyl)phthalate, ug/kg dw	<330	<330	<330	<330	<330
Chrysene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(a)anthracene, ug/kg dw	<330	<330	<330	<330	<330
3,3'-Dichlorobenzidine, ug/kg dw	<660	<660	<660	<660	<660
Di-n-octylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Benzo(b)fluoranthene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(k)fluoranthene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(a)pyrene, ug/kg dw	<330	<330	<330	<330	<330

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-71545
Received: 29 JUN 96
Reported: 11 JUL 96

Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-11	P117-SB6 (.75-3' BLS)	06-28-96
71545-12	P117-SB6 (3-5' BLS)	06-28-96
71545-13	P117-SB7 (1-3' BLS)	06-28-96
71545-14	P117-SB7 (3-5' BLS)	06-28-96
71545-15	P117-SB8 (1-3' BLS)	06-28-96

PARAMETER	71545-11	71545-12	71545-13	71545-14	71545-15
Indeno (1,2,3-cd)pyrene, ug/kg dw	<330	<330	<330	<330	<330
Dibenz(a,h)anthracene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(g,h,i)perylene, ug/kg dw	<330	<330	<330	<330	<330
N-Nitrosodimethylamine, ug/kg dw	<330	<330	<330	<330	<330
Chlordane, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Toxaphene, ug/kg dw	<67000	<67000	<67000	<67000	<67000
Aroclor-1016, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1221, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1232, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1242, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1248, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1254, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1260, ug/kg dw	<17000	<17000	<17000	<17000	<17000
2-Chlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2-Nitrophenol, ug/kg dw	<330	<330	<330	<330	<330
Phenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dimethylphenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2,4,6-Trichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
4-Chloro-3-methylphenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dinitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700
2-Methyl-4,6-dinitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700

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Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-11	P117-SB6 (.75-3' BLS)	06-28-96
71545-12	P117-SB6 (3-5' BLS)	06-28-96
71545-13	P117-SB7 (1-3' BLS)	06-28-96
71545-14	P117-SB7 (3-5' BLS)	06-28-96
71545-15	P117-SB8 (1-3' BLS)	06-28-96

PARAMETER	71545-11	71545-12	71545-13	71545-14	71545-15
Pentachlorophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700
4-Nitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Benzyl alcohol, ug/kg dw	<330	<330	<330	<330	<330
2-Methylphenol (o-cresol), ug/kg dw	<330	<330	<330	<330	<330
4-Methylphenol (p-cresol), ug/kg dw	<330	<330	<330	<330	<330
Benzoic acid, ug/kg dw	<1700	<1700	<1700	<1700	<1700
4-Chloroaniline, ug/kg dw	<660	<660	<660	<660	<660
2-Methylnaphthalene, ug/kg dw	<330	<330	<330	<330	<330
2,4,5-Trichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
3-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Dibenzofuran, ug/kg dw	<330	<330	<330	<330	<330
4-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Surrogate - 2-Fluorophenol	40 %	23 %	38 %	29 %	26 %
Surrogate - Phenol-5	67 %	64 %	44 %	34 %	31 %
Surrogate - Nitrobenzene d-5	59 %	55 %	37 %	30 %	24 %
Surrogate - 2-Fluorobiphenyl	68 %	62 %	49 %	32 %	32 %
Surrogate - 2,4,6-Tribromophenol	58 %	43 %	52 %	24 %	34 %
Surrogate - Terphenyl	38 %	34 %	31 %	42 %	38 %
Date Extracted	07.02.96	07.02.96	07.02.96	07.02.96	07.02.96
Date Analyzed	07.05.96	07.05.96	07.03.96	07.07.96	07.08.96
Method Number	EPA 8270	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Dilution factor	1	1	1	1	1

SL SAVANNAH LABORATORIES
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Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
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Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-11	P117-SB6 (.75-3' BLS)	06-28-96
71545-12	P117-SB6 (3-5' BLS)	06-28-96
71545-13	P117-SB7 (1-3' BLS)	06-28-96
71545-14	P117-SB7 (3-5' BLS)	06-28-96
71545-15	P117-SB8 (1-3' BLS)	06-28-96

PARAMETER	71545-11	71545-12	71545-13	71545-14	71545-15
Glycols (DAI)					
Propylene glycol, mg/kg dw	<5.4	<5.6	<5.6	<5.8	<5.8
Ethylene Glycol, mg/kg dw	<5.4	<5.6	<5.6	<5.8	<5.8
Diethylene Glycol, mg/kg dw	<5.4	<5.6	<5.6	<5.8	<5.8
Triethylene Glycol, mg/kg dw	<5.4	<5.6	<5.6	<5.8	<5.8
Tetraethylene Glycol, mg/kg dw	<5.4	<5.6	<5.6	<5.8	<5.8
Date Analyzed	07.02.96	07.02.96	07.02.96	07.02.96	07.03.96
Method Number	8015-DAI	8015-DAI	8015-DAI	8015-DAI	8015-DAI
Percent Solids, %	93	90	90	86	86

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-16	P117-SB8 (3-5' BLS)	06-28-96
71545-17	P117-SB9 (1-3' BLS)	06-28-96
71545-18	P117-SB9 (3-5' BLS)	06-28-96
71545-19	P117-DUP1	06-28-96
71545-20	P117-DUP2	06-28-96

PARAMETER	71545-16	71545-17	71545-18	71545-19	71545-20
Volatiles by GC/MS (8260)					
Benzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Bromobenzene, ug/kg dw	<10	<10	<10	<10	<10
Bromochloromethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane, ug/kg dw	<10	<10	<10	<10	<10
n-Butylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon tetrachloride, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorodibromomethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane, ug/kg dw	<10	<10	<10	<10	<10
Chloroform, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane, ug/kg dw	<10	<10	<10	<10	<10
2-Chlorotoluene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
4-Chlorotoluene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromo-3-chloropropane , ug/kg dw	<10	<10	<10	<10	<10
1,2-Dibromoethane (EDB), ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-16	P117-SB8 (3-5' BLS)	06-28-96
71545-17	P117-SB9 (1-3' BLS)	06-28-96
71545-18	P117-SB9 (3-5' BLS)	06-28-96
71545-19	P117-DUP1	06-28-96
71545-20	P117-DUP2	06-28-96

PARAMETER	71545-16	71545-17	71545-18	71545-19	71545-20
1,2-Dichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
2,2-Dichloropropane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloropropylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobutadiene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Isopropylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene chloride, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-16	P117-SB8 (3-5' BLS)	06-28-96
71545-17	P117-SB9 (1-3' BLS)	06-28-96
71545-18	P117-SB9 (3-5' BLS)	06-28-96
71545-19	P117-DUP1	06-28-96
71545-20	P117-DUP2	06-28-96

PARAMETER	71545-16	71545-17	71545-18	71545-19	71545-20
1,1,1,2-Tetrachloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene, ug/kg dw	6.7	<5.0	<5.0	<5.0	<5.0
Toluene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane, ug/kg dw	35	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride, ug/kg dw	<10	<10	<10	<10	<10
o-Xylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
m&p-Xylene, ug/kg dw	<5.0	<5.0	<5.0	<5.0	<5.0
Surrogate - 4-Bromofluorobenzene	89 %	98 %	91 %	102 %	105 %
Surrogate - Toluene-d8	94 %	89 %	96 %	99 %	99 %
Surrogate - Dibromofluoromethane	91 %	102 %	106 %	105 %	97 %
Date Analyzed	07.04.96	07.04.96	07.04.96	07.04.96	07.04.96
Method Number	EPA 8260	EPA 8260	EPA 8260	EPA 8260	EPA 8260
Dilution factor	1	1	1	1	1

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71545-17	P117-SB9 (1-3' BLS)	06-28-96
71545-18	P117-SB9 (3-5' BLS)	06-28-96
71545-19	P117-DUP1	06-28-96
71545-20	P117-DUP2	06-28-96

PARAMETER	71545-16	71545-17	71545-18	71545-19	71545-20
Semivolatile Organics (8270)					
1,3-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
1,4-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Hexachloroethane, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-Chloroethyl)ether, ug/kg dw	<330	<330	<330	<330	<330
1,2-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-chloroisopropyl)ether , ug/kg dw	<330	<330	<330	<330	<330
N-Nitrosodi-N-Propylamine, ug/kg dw	<330	<330	<330	<330	<330
Nitrobenzene, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorobutadiene, ug/kg dw	<330	<330	<330	<330	<330
1,2,4-Trichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Isophorone, ug/kg dw	<330	<330	<330	<330	<330
Naphthalene, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-Chloroethoxy)methane, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorocyclopentadiene, ug/kg dw	<330	<330	<330	<330	<330
2-Chloronaphthalene, ug/kg dw	<330	<330	<330	<330	<330
Acenaphthylene, ug/kg dw	<330	<330	<330	<330	<330
Acenaphthene, ug/kg dw	<330	<330	<330	<330	<330

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71545-17	P117-SB9 (1-3' BLS)	06-28-96
71545-18	P117-SB9 (3-5' BLS)	06-28-96
71545-19	P117-DUP1	06-28-96
71545-20	P117-DUP2	06-28-96

PARAMETER	71545-16	71545-17	71545-18	71545-19	71545-20
Dimethylphthalate, ug/kg dw	<330	<330	<330	<330	<330
2,6-Dinitrotoluene, ug/kg dw	<330	<330	<330	<330	<330
Fluorene, ug/kg dw	<330	<330	<330	<330	<330
4-Chlorophenyl-phenyl ether, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dinitrotoluene, ug/kg dw	<330	<330	<330	<330	<330
Diethylphthalate, ug/kg dw	<330	<330	<330	<330	<330
N-Nitrosodiphenylamine/diphenylamine, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Gamma-BHC, ug/kg dw	<330	<330	<330	<330	<330
4-Bromophenyl-phenyl-ether, ug/kg dw	<330	<330	<330	<330	<330
Delta-BHC, ug/kg dw	<330	<330	<330	<330	<330
Phenanthrene, ug/kg dw	<330	<330	<330	<330	<330
Anthracene, ug/kg dw	<330	<330	<330	<330	<330
Beta-BHC, ug/kg dw	<330	<330	<330	<330	<330
Heptachlor, ug/kg dw	<660	<660	<660	<660	<660
Alpha-BHC, ug/kg dw	<330	<330	<330	<330	<330
Aldrin, ug/kg dw	<330	<330	<330	<330	<330
Di-n-butylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Heptachlor epoxide, ug/kg dw	<660	<660	<660	<660	<660

SL SAVANNAH LABORATORIES
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LOG NO: D6-71545
Received: 29 JUN 96
Reported: 11 JUL 96

Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-16	P117-SB8 (3-5' BLS)	06-28-96
71545-17	P117-SB9 (1-3' BLS)	06-28-96
71545-18	P117-SB9 (3-5' BLS)	06-28-96
71545-19	P117-DUP1	06-28-96
71545-20	P117-DUP2	06-28-96

PARAMETER	71545-16	71545-17	71545-18	71545-19	71545-20
Endosulfan I, ug/kg dw	<660	<660	<660	<660	<660
Fluoranthene, ug/kg dw	<330	<330	<330	<330	<330
Dieldrin, ug/kg dw	<330	<330	<330	<330	<330
4,4'-DDE, ug/kg dw	<330	<330	<330	<330	<330
Pyrene, ug/kg dw	<330	<330	<330	<330	<330
Endrin, ug/kg dw	<660	<660	<660	<660	<660
Endosulfan II, ug/kg dw	<660	<660	<660	<660	<660
4,4'-DDD, ug/kg dw	<330	<330	<330	<330	<330
Benzidine, ug/kg dw	<2700	<2700	<2700	<2700	<2700
4,4'-DDT, ug/kg dw	<330	<330	<330	<330	<330
Endosulfan sulfate, ug/kg dw	<660	<660	<660	<660	<660
Endrin Aldehyde, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Butylbenzylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-Ethylhexyl)phthalate, ug/kg dw	<330	<330	<330	<330	<330
Chrysene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(a)anthracene, ug/kg dw	<330	<330	<330	<330	<330
3,3'-Dichlorobenzidine, ug/kg dw	<660	<660	<660	<660	<660
Di-n-octylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Benzo(b)fluoranthene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(k)fluoranthene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(a)pyrene, ug/kg dw	<330	<330	<330	<330	<330

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-16	P117-SB8 (3-5' BLS)	06-28-96
71545-17	P117-SB9 (1-3' BLS)	06-28-96
71545-18	P117-SB9 (3-5' BLS)	06-28-96
71545-19	P117-DUP1	06-28-96
71545-20	P117-DUP2	06-28-96

PARAMETER	71545-16	71545-17	71545-18	71545-19	71545-20
Indeno (1,2,3-cd)pyrene, ug/kg dw	<330	<330	<330	<330	<330
Dibenz(a,h)anthracene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(g,h,i)perylene, ug/kg dw	<330	<330	<330	<330	<330
N-Nitrosodimethylamine, ug/kg dw	<330	<330	<330	<330	<330
Chlordane, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Toxaphene, ug/kg dw	<67000	<67000	<67000	<67000	<67000
Aroclor-1016, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1221, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1232, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1242, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1248, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1254, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1260, ug/kg dw	<17000	<17000	<17000	<17000	<17000
2-Chlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2-Nitrophenol, ug/kg dw	<330	<330	<330	<330	<330
Phenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dimethylphenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2,4,6-Trichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
4-Chloro-3-methylphenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dinitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700
2-Methyl-4,6-dinitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700

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185 NW Spanish River Boulevard, Suite 110
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Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-16	P117-SB8 (3-5' BLS)	06-28-96
71545-17	P117-SB9 (1-3' BLS)	06-28-96
71545-18	P117-SB9 (3-5' BLS)	06-28-96
71545-19	P117-DUP1	06-28-96
71545-20	P117-DUP2	06-28-96

PARAMETER	71545-16	71545-17	71545-18	71545-19	71545-20
Pentachlorophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700
4-Nitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Benzyl alcohol, ug/kg dw	<330	<330	<330	<330	<330
2-Methylphenol (o-cresol), ug/kg dw	<330	<330	<330	<330	<330
4-Methylphenol (p-cresol), ug/kg dw	<330	<330	<330	<330	<330
Benzoic acid, ug/kg dw	<1700	<1700	<1700	<1700	<1700
4-Chloroaniline, ug/kg dw	<660	<660	<660	<660	<660
2-Methylnaphthalene, ug/kg dw	<330	<330	<330	<330	<330
2,4,5-Trichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
3-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Dibenzofuran, ug/kg dw	<330	<330	<330	<330	<330
4-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Surrogate - 2-Fluorophenol	32 %	40 %	43 %	57 %	46 %
Surrogate - Phenol-5	36 %	45 %	47 %	60 %	49 %
Surrogate - Nitrobenzene d-5	31 %	37 %	40 %	52 %	46 %
Surrogate - 2-Fluorobiphenyl	39 %	48 %	48 %	73 %	52 %
Surrogate - 2,4,6-Tribromophenol	34 %	40 %	45 %	81 %	50 %
Surrogate - Terphenyl	32 %	39 %	39 %	41 %	39 %
Date Extracted	07.02.96	07.02.96	07.02.96	07.02.96	07.02.96
Date Analyzed	07.07.96	07.07.96	07.07.96	07.03.96	07.06.96
Method Number	EPA 8270	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Dilution factor	1	1	1	1	1

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Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
71545-16	P117-SB8 (3-5' BLS)	06-28-96
71545-17	P117-SB9 (1-3' BLS)	06-28-96
71545-18	P117-SB9 (3-5' BLS)	06-28-96
71545-19	P117-DUP1	06-28-96
71545-20	P117-DUP2	06-28-96

PARAMETER	71545-16	71545-17	71545-18	71545-19	71545-20
Glycols (DAI)					
Propylene glycol, mg/kg dw	<6.1	<5.9	<6.0	<5.3	<5.9
Ethylene Glycol, mg/kg dw	<6.1	<5.9	<6.0	<5.3	<5.9
Diethylene Glycol, mg/kg dw	<6.1	<5.9	<6.0	<5.3	<5.9
Triethylene Glycol, mg/kg dw	<6.1	<5.9	<6.0	<5.3	<5.9
Tetraethylene Glycol, mg/kg dw	<6.1	<5.9	<6.0	<5.3	<5.9
Date Analyzed	07.03.96	07.03.96	07.03.96	07.03.96	07.03.96
Method Number	8015-DAI	8015-DAI	8015-DAI	8015-DAI	8015-DAI
Percent Solids, %	82	85	84	94	85

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Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71545-21	Field Equipment Blank	06-28-96

PARAMETER	71545-21
Volatiles by GC/MS (8260)	
Benzene, ug/l	<1.0
Bromobenzene, ug/l	<1.0
Bromochloromethane, ug/l	<1.0
Bromodichloromethane, ug/l	<1.0
Bromoform, ug/l	<1.0
Bromomethane, ug/l	<1.0
n-Butylbenzene, ug/l	<1.0
sec-Butylbenzene, ug/l	<1.0
tert-Butylbenzene, ug/l	<1.0
Carbon tetrachloride, ug/l	<1.0
Chlorobenzene, ug/l	<1.0
Chlorodibromomethane, ug/l	<1.0
Chloroethane, ug/l	<1.0
Chloroform, ug/l	<1.0
Chloromethane, ug/l	<1.0
2-Chlorotoluene, ug/l	<1.0
4-Chlorotoluene, ug/l	<1.0
1,2-Dibromo-3-chloropropane, ug/l	<1.0
1,2-Dibromoethane (EDB), ug/l	<1.0
Dibromomethane, ug/l	<1.0
1,2-Dichlorobenzene, ug/l	<1.0
1,3-Dichlorobenzene, ug/l	<1.0
1,4-Dichlorobenzene, ug/l	<1.0
Dichlorodifluoromethane, ug/l	<1.0
1,1-Dichloroethane, ug/l	<1.0

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71545-21	Field Equipment Blank	06-28-96

PARAMETER	71545-21
1,2-Dichloroethane, ug/l	<1.0
1,1-Dichloroethene, ug/l	<1.0
cis-1,2-Dichloroethylene, ug/l	<1.0
trans-1,2-Dichloroethylene, ug/l	<1.0
1,2-Dichloropropane, ug/l	<1.0
1,3-Dichloropropane, ug/l	<1.0
2,2-Dichloropropane, ug/l	<1.0
1,1-Dichloropropylene, ug/l	<1.0
Ethylbenzene, ug/l	<1.0
Hexachlorobutadiene, ug/l	<1.0
Isopropylbenzene, ug/l	<1.0
p-Isopropyltoluene, ug/l	<1.0
Methylene chloride, ug/l	<1.0
Naphthalene, ug/l	<1.0
n-Propylbenzene, ug/l	<1.0
Styrene, ug/l	<1.0
1,1,1,2-Tetrachloroethane, ug/l	<1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0
Tetrachloroethene, ug/l	<1.0
Toluene, ug/l	<1.0
1,2,3-Trichlorobenzene, ug/l	<1.0
1,2,4-Trichlorobenzene, ug/l	<1.0
1,1,1-Trichloroethane, ug/l	<1.0
1,1,2-Trichloroethane, ug/l	<1.0
Trichloroethylene, ug/l	<1.0
Trichlorofluoromethane, ug/l	<1.0

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71545-21	Field Equipment Blank	06-28-96

PARAMETER	71545-21
1,2,3-Trichloropropane, ug/l	<1.0
1,2,4-Trimethylbenzene, ug/l	<1.0
1,3,5-Trimethylbenzene, ug/l	<1.0
Vinyl chloride, ug/l	<1.0
o-Xylene, ug/l	<1.0
m&p-Xylene, ug/l	<1.0
Surrogate - 4-Bromofluorobenzene	102 %
Surrogate - Toluene-d8	99 %
Surrogate - Dibromofluoromethane	105 %
Date Analyzed	07.07.96
Method Number	EPA 8260
Dilution factor	1

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71545-21	Field Equipment Blank	06-28-96

PARAMETER	71545-21
Semivolatile Organics (8270)	
1,3-Dichlorobenzene, ug/l	<10
1,4-Dichlorobenzene, ug/l	<10
Hexachloroethane, ug/l	<10
Bis(2-Chloroethyl)ether, ug/l	<10
1,2-Dichlorobenzene, ug/l	<10
Bis(2-chloroisopropyl)ether, ug/l	<10
N-Nitrosodi-N-Propylamine, ug/l	<10
Nitrobenzene, ug/l	<10
Hexachlorobutadiene, ug/l	<10
1,2,4-Trichlorobenzene, ug/l	<10
Isophorone, ug/l	<10
Naphthalene, ug/l	<10
Bis(2-Chloroethoxy)methane, ug/l	<10
Hexachlorocyclopentadiene, ug/l	<10
2-Chloronaphthalene, ug/l	<10
Acenaphthylene, ug/l	<10
Acenaphthene, ug/l	<10
Dimethylphthalate, ug/l	<10
2,6-Dinitrotoluene, ug/l	<10
Fluorene, ug/l	<10
4-Chlorophenyl-phenyl ether, ug/l	<10
2,4-Dinitrotoluene, ug/l	<10
Diethylphthalate, ug/l	<10
N-Nitrosodiphenylamine/diphenylamine, ug/l	<10
Hexachlorobenzene, ug/l	<10

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71545-21	Field Equipment Blank	06-28-96

PARAMETER	71545-21
Gamma-BHC, ug/l	<10
4-Bromophenyl-phenyl-ether, ug/l	<10
Delta-BHC, ug/l	<10
Phenanthrene, ug/l	<10
Anthracene, ug/l	<10
Beta-BHC, ug/l	<10
Heptachlor, ug/l	<20
Alpha-BHC, ug/l	<10
Aldrin, ug/l	<10
Di-n-butylphthalate, ug/l	<10
Heptachlor epoxide, ug/l	<20
Endosulfan I, ug/l	<20
Fluoranthene, ug/l	<10
Dieldrin, ug/l	<10
4,4'-DDE, ug/l	<10
Pyrene, ug/l	<10
Endrin, ug/l	<20
Endosulfan II, ug/l	<20
4,4'-DDD, ug/l	<10
Benzidine, ug/l	<80
4,4'-DDT, ug/l	<10
Endosulfan sulfate, ug/l	<20
Endrin Aldehyde, ug/l	<50
Butylbenzylphthalate, ug/l	<10
Bis(2-Ethylhexyl)phthalate, ug/l	<10
Chrysene, ug/l	<10

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71545-21	Field Equipment Blank	06-28-96

PARAMETER	71545-21
Benzo(a)anthracene, ug/l	<10
3,3'-Dichlorobenzidine, ug/l	<20
Di-n-octylphthalate, ug/l	<10
Benzo(b)fluoranthene, ug/l	<10
Benzo(k)fluoranthene, ug/l	<10
Benzo(a)pyrene, ug/l	<10
Indeno (1,2,3-cd)pyrene, ug/l	<10
Dibenz(a,h)anthracene, ug/l	<10
Benzo(g,h,i)perylene, ug/l	<10
N-Nitrosodimethylamine, ug/l	<10
Chlordane, ug/l	<50
Toxaphene, ug/l	<2000
Aroclor-1016, ug/l	<500
Aroclor-1221, ug/l	<500
Aroclor-1232, ug/l	<500
Aroclor-1242, ug/l	<500
Aroclor-1248, ug/l	<500
Aroclor-1254, ug/l	<500
Aroclor-1260, ug/l	<500
2-Chlorophenol, ug/l	<10
2-Nitrophenol, ug/l	<10
Phenol, ug/l	<10
2,4-Dimethylphenol, ug/l	<10
2,4-Dichlorophenol, ug/l	<10
2,4,6-Trichlorophenol, ug/l	<10
4-Chloro-3-methylphenol, ug/l	<10

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LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71545-21	Field Equipment Blank	06-28-96

PARAMETER	71545-21
2,4-Dinitrophenol, ug/l	<50
2-Methyl-4,6-dinitrophenol, ug/l	<50
Pentachlorophenol, ug/l	<50
4-Nitrophenol, ug/l	<50
Benzyl alcohol, ug/l	<10
2-Methylphenol (o-cresol), ug/l	<10
4-Methylphenol (p-cresol), ug/l	<10
Benzoic acid, ug/l	<50
4-Chloroaniline, ug/l	<20
2-Methylnaphthalene, ug/l	<10
2,4,5-Trichlorophenol, ug/l	<10
2-Nitroaniline, ug/l	<50
3-Nitroaniline, ug/l	<50
Dibenzofuran, ug/l	<10
4-Nitroaniline, ug/l	<50
Surrogate - 2-Fluorophenol	73 %
Surrogate - Phenol-5	84 %
Surrogate - Nitrobenzene d-5	73 %
Surrogate - 2-Fluorobiphenyl	81 %
Surrogate - 2,4,6-Tribromophenol	71 %
Surrogate - Terphenyl	68 %
Date Extracted	07.01.96
Date Analyzed	07.06.96
Method Number	EPA 8270
Dilution factor	1

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Reported: 11 JUL 96

Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71545-21	Field Equipment Blank	06-28-96

PARAMETER	71545-21
Glycols (DAI)	
Propylene glycol, mg/l	<5.0
Ethylene Glycol, mg/l	<5.0
Diethylene Glycol, mg/l	<5.0
Triethylene Glycol, mg/l	<5.0
Tetraethylene Glycol, mg/l	<5.0
Date Analyzed	07.02.96
Method Number	8015-DAI

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Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71545-22	Trip Blank	06-12-96

PARAMETER	71545-22
Volatiles by GC/MS (8260)	
Benzene, ug/l	<1.0
Bromobenzene, ug/l	<1.0
Bromochloromethane, ug/l	<1.0
Bromodichloromethane, ug/l	<1.0
Bromoform, ug/l	<1.0
Bromomethane, ug/l	<1.0
n-Butylbenzene, ug/l	<1.0
sec-Butylbenzene, ug/l	<1.0
tert-Butylbenzene, ug/l	<1.0
Carbon tetrachloride, ug/l	<1.0
Chlorobenzene, ug/l	<1.0
Chlorodibromomethane, ug/l	<1.0
Chloroethane, ug/l	<1.0
Chloroform, ug/l	<1.0
Chloromethane, ug/l	<1.0
2-Chlorotoluene, ug/l	<1.0
4-Chlorotoluene, ug/l	<1.0
1,2-Dibromo-3-chloropropane, ug/l	<1.0
1,2-Dibromoethane (EDB), ug/l	<1.0
Dibromomethane, ug/l	<1.0
1,2-Dichlorobenzene, ug/l	<1.0
1,3-Dichlorobenzene, ug/l	<1.0
1,4-Dichlorobenzene, ug/l	<1.0
Dichlorodifluoromethane, ug/l	<1.0
1,1-Dichloroethane, ug/l	<1.0

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , .LIQUID SAMPLES	DATE SAMPLED
71545-22	Trip Blank	06-12-96

PARAMETER	71545-22
1,2-Dichloroethane, ug/l	<1.0
1,1-Dichloroethene, ug/l	<1.0
cis-1,2-Dichloroethylene, ug/l	<1.0
trans-1,2-Dichloroethylene, ug/l	<1.0
1,2-Dichloropropane, ug/l	<1.0
1,3-Dichloropropane, ug/l	<1.0
2,2-Dichloropropane, ug/l	<1.0
1,1-Dichloropropylene, ug/l	<1.0
Ethylbenzene, ug/l	<1.0
Hexachlorobutadiene, ug/l	<1.0
Isopropylbenzene, ug/l	<1.0
p-Isopropyltoluene, ug/l	<1.0
Methylene chloride, ug/l	<1.0
Naphthalene, ug/l	<1.0
n-Propylbenzene, ug/l	<1.0
Styrene, ug/l	<1.0
1,1,1,2-Tetrachloroethane, ug/l	<1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0
Tetrachloroethene, ug/l	<1.0
Toluene, ug/l	<1.0
1,2,3-Trichlorobenzene, ug/l	<1.0
1,2,4-Trichlorobenzene, ug/l	<1.0
1,1,1-Trichloroethane, ug/l	<1.0
1,1,2-Trichloroethane, ug/l	<1.0
Trichloroethylene, ug/l	<1.0
Trichlorofluoromethane, ug/l	<1.0

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71545-22	Trip Blank	06-12-96

PARAMETER	71545-22
1,2,3-Trichloropropane, ug/l	<1.0
1,2,4-Trimethylbenzene, ug/l	<1.0
1,3,5-Trimethylbenzene, ug/l	<1.0
Vinyl chloride, ug/l	<1.0
o-Xylene, ug/l	<1.0
m&p-Xylene, ug/l	<1.0
Surrogate - 4-Bromofluorobenzene	102 %
Surrogate - Toluene-d8	97 %
Surrogate - Dibromofluoromethane	102 %
Date Analyzed	07.07.96
Method Number	EPA 8260
Dilution factor	1

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Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
71545-23	Lab Blank
71545-24	Accuracy - % Recovery (Mean)
71545-25	Precision - Relative % Difference
71545-26	Detection Limit

PARAMETER	71545-23	71545-24	71545-25	71545-26
Volatiles by GC/MS (8260)				
Benzene, ug/kg dw	<5.0	122 %	8.2 %	5.0
Bromobenzene, ug/kg dw	<10	---	---	10
Bromochloromethane, ug/kg dw	<5.0	---	---	5.0
Bromodichloromethane, ug/kg dw	<5.0	---	---	5.0
Bromoform, ug/kg dw	<5.0	---	---	5.0
Bromomethane, ug/kg dw	<10	---	---	10
n-Butylbenzene, ug/kg dw	<5.0	---	---	5.0
sec-Butylbenzene, ug/kg dw	<5.0	---	---	5.0
tert-Butylbenzene, ug/kg dw	<5.0	---	---	5.0
Carbon tetrachloride, ug/kg dw	<5.0	---	---	5.0
Chlorobenzene, ug/kg dw	<5.0	128 %	12 %	5.0
Chlorodibromomethane, ug/kg dw	<5.0	---	---	5.0
Chloroethane, ug/kg dw	<10	---	---	10
Chloroform, ug/kg dw	<5.0	---	---	5.0
Chloromethane, ug/kg dw	<10	---	---	10
2-Chlorotoluene, ug/kg dw	<5.0	---	---	5.0
4-Chlorotoluene, ug/kg dw	<5.0	---	---	5.0
1,2-Dibromo-3-chloropropane, ug/kg dw	<10	---	---	10
1,2-Dibromoethane (EDB), ug/kg dw	<5.0	---	---	5.0
Dibromomethane, ug/kg dw	<5.0	---	---	5.0
1,2-Dichlorobenzene, ug/kg dw	<5.0	---	---	5.0
1,3-Dichlorobenzene, ug/kg dw	<5.0	---	---	5.0

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Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
71545-23	Lab Blank
71545-24	Accuracy - % Recovery (Mean)
71545-25	Precision - Relative % Difference
71545-26	Detection Limit

PARAMETER	71545-23	71545-24	71545-25	71545-26
1,4-Dichlorobenzene, ug/kg dw	<5.0	---	---	5.0
Dichlorodifluoromethane, ug/kg dw	<5.0	---	---	5.0
1,1-Dichloroethane, ug/kg dw	<5.0	---	---	5.0
1,2-Dichloroethane, ug/kg dw	<5.0	---	---	5.0
1,1-Dichloroethene, ug/kg dw	<5.0	126 %	14 %	5.0
cis-1,2-Dichloroethylene, ug/kg dw	<5.0	---	---	5.0
trans-1,2-Dichloroethylene, ug/kg dw	<5.0	---	---	5.0
1,2-Dichloropropane, ug/kg dw	<5.0	---	---	5.0
1,3-Dichloropropane, ug/kg dw	<5.0	---	---	5.0
2,2-Dichloropropane, ug/kg dw	<5.0	---	---	5.0
1,1-Dichloropropylene, ug/kg dw	<5.0	---	---	5.0
Ethylbenzene, ug/kg dw	<5.0	---	---	5.0
Hexachlorobutadiene, ug/kg dw	<5.0	---	---	5.0
Isopropylbenzene, ug/kg dw	<5.0	---	---	5.0
p-Isopropyltoluene, ug/kg dw	<5.0	---	---	5.0
Methylene chloride, ug/kg dw	<5.0	---	---	5.0
Naphthalene, ug/kg dw	<5.0	---	---	5.0
n-Propylbenzene, ug/kg dw	<5.0	---	---	5.0
Styrene, ug/kg dw	<5.0	---	---	5.0
1,1,1,2-Tetrachloroethane, ug/kg dw	<5.0	---	---	5.0
1,1,2,2-Tetrachloroethane, ug/kg dw	<5.0	---	---	5.0
Tetrachloroethene, ug/kg dw	<5.0	---	---	5.0
Toluene, ug/kg dw	<5.0	122 %	11 %	5.0

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
71545-23	Lab Blank
71545-24	Accuracy - % Recovery (Mean)
71545-25	Precision - Relative % Difference
71545-26	Detection Limit

PARAMETER	71545-23	71545-24	71545-25	71545-26
1,2,3-Trichlorobenzene, ug/kg dw	<5.0	---	---	5.0
1,2,4-Trichlorobenzene, ug/kg dw	<5.0	---	---	5.0
1,1,1-Trichloroethane, ug/kg dw	<5.0	---	---	5.0
1,1,2-Trichloroethane, ug/kg dw	<5.0	---	---	5.0
Trichloroethylene, ug/kg dw	<5.0	129 %	9.3 %	5.0
Trichlorofluoromethane, ug/kg dw	<5.0	---	---	5.0
1,2,3-Trichloropropane, ug/kg dw	<5.0	---	---	5.0
1,2,4-Trimethylbenzene, ug/kg dw	<5.0	---	---	5.0
1,3,5-Trimethylbenzene, ug/kg dw	<5.0	---	---	5.0
Vinyl chloride, ug/kg dw	<10	---	---	10
o-Xylene, ug/kg dw	<5.0	---	---	5.0
m&p-Xylene, ug/kg dw	<5.0	---	---	5.0
Surrogate - 4-Bromofluorobenzene	100 %	---	---	---
Surrogate - Toluene-d8	98 %	---	---	---
Surrogate - Dibromofluoromethane	113 %	---	---	---
Date Analyzed	07.03.96	---	---	---
Method Number	EPA 8260	---	---	---

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
71545-23	Lab Blank
71545-24	Accuracy - % Recovery (Mean)
71545-25	Precision - Relative % Difference
71545-26	Detection Limit

PARAMETER	71545-23	71545-24	71545-25	71545-26
Semivolatile Organics (8270)				
1,3-Dichlorobenzene, ug/kg dw	<330	---	---	330
1,4-Dichlorobenzene, ug/kg dw	<330	73 %*F75	2.7 %	330
Hexachloroethane, ug/kg dw	<330	---	---	330
Bis(2-Chloroethyl)ether, ug/kg dw	<330	---	---	330
1,2-Dichlorobenzene, ug/kg dw	<330	---	---	330
Bis(2-chloroisopropyl)ether, ug/kg dw	<330	---	---	330
N-Nitrosodi-N-Propylamine, ug/kg dw	<330	52 %	5.8 %	330
Nitrobenzene, ug/kg dw	<330	---	---	330
Hexachlorobutadiene, ug/kg dw	<330	---	---	330
1,2,4-Trichlorobenzene, ug/kg dw	<330	73 %*F75	2.7 %	330
Isophorone, ug/kg dw	<330	---	---	330
Naphthalene, ug/kg dw	<330	---	---	330
Bis(2-Chloroethoxy)methane, ug/kg dw	<330	---	---	330
Hexachlorocyclopentadiene, ug/kg dw	<330	---	---	330
2-Chloronaphthalene, ug/kg dw	<330	---	---	330
Acenaphthylene, ug/kg dw	<330	---	---	330
Acenaphthene, ug/kg dw	<330	68 %	19 %	330
Dimethylphthalate, ug/kg dw	<330	---	---	330
2,6-Dinitrotoluene, ug/kg dw	<330	---	---	330
Fluorene, ug/kg dw	<330	---	---	330
4-Chlorophenyl-phenyl ether, ug/kg dw	<330	---	---	330
2,4-Dinitrotoluene, ug/kg dw	<330	65 %	15 %	330

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71545-23	Lab Blank
71545-24	Accuracy - % Recovery (Mean)
71545-25	Precision - Relative % Difference
71545-26	Detection Limit

PARAMETER	71545-23	71545-24	71545-25	71545-26
Diethylphthalate, ug/kg dw	<330	---	---	330
N-Nitrosodiphenylamine/diphenylamine, ug/kg dw	<330	---	---	330
Hexachlorobenzene, ug/kg dw	<330	---	---	330
Gamma-BHC, ug/kg dw	<330	---	---	330
4-Bromophenyl-phenyl-ether, ug/kg dw	<330	---	---	330
Delta-BHC, ug/kg dw	<330	---	---	330
Phenanthrene, ug/kg dw	<330	---	---	330
Anthracene, ug/kg dw	<330	---	---	330
Beta-BHC, ug/kg dw	<330	---	---	330
Heptachlor, ug/kg dw	<660	---	---	660
Alpha-BHC, ug/kg dw	<330	---	---	330
Aldrin, ug/kg dw	<330	---	---	330
Di-n-butylphthalate, ug/kg dw	<330	---	---	330
Heptachlor epoxide, ug/kg dw	<660	---	---	660
Endosulfan I, ug/kg dw	<660	---	---	660
Fluoranthene, ug/kg dw	<330	---	---	330
Dieldrin, ug/kg dw	<330	---	---	330
4,4'-DDE, ug/kg dw	<330	---	---	330
Pyrene, ug/kg dw	<330	70 %*F75	1.4 %	330
Endrin, ug/kg dw	<660	---	---	660
Endosulfan II, ug/kg dw	<660	---	---	660
4,4'-DDD, ug/kg dw	<330	---	---	330

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
71545-23	Lab Blank
71545-24	Accuracy - % Recovery (Mean)
71545-25	Precision - Relative % Difference
71545-26	Detection Limit

PARAMETER	71545-23	71545-24	71545-25	71545-26
Benzidine, ug/kg dw	<2700	---	---	2700
4,4'-DDT, ug/kg dw	<330	---	---	330
Endosulfan sulfate, ug/kg dw	<660	---	---	660
Endrin Aldehyde, ug/kg dw	<1700	---	---	1700
Butylbenzylphthalate, ug/kg dw	<330	---	---	330
Bis(2-Ethylhexyl)phthalate, ug/kg dw	<330	---	---	330
Chrysene, ug/kg dw	<330	---	---	330
Benzo(a)anthracene, ug/kg dw	<330	---	---	330
3,3'-Dichlorobenzidine, ug/kg dw	<660	---	---	660
Di-n-octylphthalate, ug/kg dw	<330	---	---	330
Benzo(b)fluoranthene, ug/kg dw	<330	---	---	330
Benzo(k)fluoranthene, ug/kg dw	<330	---	---	330
Benzo(a)pyrene, ug/kg dw	<330	---	---	330
Indeno (1,2,3-cd)pyrene, ug/kg dw	<330	---	---	330
Dibenz(a,h)anthracene, ug/kg dw	<330	---	---	330
Benzo(g,h,i)perylene, ug/kg dw	<330	---	---	330
N-Nitrosodimethylamine, ug/kg dw	<330	---	---	330
Chlordane, ug/kg dw	<1700	---	---	1700
Toxaphene, ug/kg dw	<67000	---	---	67000
Aroclor-1016, ug/kg dw	<17000	---	---	17000
Aroclor-1221, ug/kg dw	<17000	---	---	17000
Aroclor-1232, ug/kg dw	<17000	---	---	17000
Aroclor-1242, ug/kg dw	<17000	---	---	17000

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71545-23	Lab Blank
71545-24	Accuracy - % Recovery (Mean)
71545-25	Precision - Relative % Difference
71545-26	Detection Limit

PARAMETER	71545-23	71545-24	71545-25	71545-26
Aroclor-1248, ug/kg dw	<17000	---	---	17000
Aroclor-1254, ug/kg dw	<17000	---	---	17000
Aroclor-1260, ug/kg dw	<17000	---	---	17000
2-Chlorophenol, ug/kg dw	<330	62 %*F75	4.8 %	330
2-Nitrophenol, ug/kg dw	<330	---	---	330
Phenol, ug/kg dw	<330	48 %	2.1 %	330
2,4-Dimethylphenol, ug/kg dw	<330	---	---	330
2,4-Dichlorophenol, ug/kg dw	<330	---	---	330
2,4,6-Trichlorophenol, ug/kg dw	<330	---	---	330
4-Chloro-3-methylphenol, ug/kg dw	<330	53 %	11 %	330
2,4-Dinitrophenol, ug/kg dw	<1700	---	---	1700
2-Methyl-4,6-dinitrophenol, ug/kg dw	<1700	---	---	1700
Pentachlorophenol, ug/kg dw	<1700	26 %	12 %	1700
4-Nitrophenol, ug/kg dw	<1700	49 %	12 %	1700
Benzyl alcohol, ug/kg dw	<330	---	---	330
2-Methylphenol (o-cresol), ug/kg dw	<330	---	---	330
4-Methylphenol (p-cresol), ug/kg dw	<330	---	---	330
Benzoic acid, ug/kg dw	<1700	---	---	1700
4-Chloroaniline, ug/kg dw	<660	---	---	660
2-Methylnaphthalene, ug/kg dw	<330	---	---	330
2,4,5-Trichlorophenol, ug/kg dw	<330	---	---	330
2-Nitroaniline, ug/kg dw	<1700	---	---	1700
3-Nitroaniline, ug/kg dw	<1700	---	---	1700

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
71545-23	Lab Blank
71545-24	Accuracy - % Recovery (Mean)
71545-25	Precision - Relative % Difference
71545-26	Detection Limit

PARAMETER	71545-23	71545-24	71545-25	71545-26
Dibenzofuran, ug/kg dw	<330	---	---	330
4-Nitroaniline, ug/kg dw	<1700	---	---	1700
Surrogate - 2-Fluorophenol	73 %	---	---	---
Surrogate - Phenol-5	82 %	---	---	---
Surrogate - Nitrobenzene d-5	84 %	---	---	---
Surrogate - 2-Fluorobiphenyl	88 %	---	---	---
Surrogate - 2,4,6-Tribromophenol	92 %	---	---	---
Surrogate - Terphenyl	53 %	---	---	---
Date Extracted	07.02.96	---	---	---
Date Analyzed	07.02.96	---	---	---
Method Number	EPA 8270	---	---	---
Glycols (DAI)				
Propylene glycol, mg/kg dw	<5.0	---	---	5.0
Ethylene Glycol, mg/kg dw	<5.0	115 %	8.7 %	5.0
Diethylene Glycol, mg/kg dw	<5.0	---	---	5.0
Triethylene Glycol, mg/kg dw	<5.0	---	---	5.0
Tetraethylene Glycol, mg/kg dw	<5.0	---	---	5.0
Date Analyzed	07.02.96	---	---	---
Method Number	8015-DAI	---	---	---

SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-71545
Received: 29 JUN 96
Reported: 11 JUL 96

Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
71545-27	Lab Blank
71545-28	Accuracy - % Recovery (Mean)
71545-29	Precision - Relative % Difference
71545-30	Detection Limit

PARAMETER	71545-27	71545-28	71545-29	71545-30
Volatiles by GC/MS (8260)				
Benzene, ug/l	<1.0	113 %	1.8 %	1.0
Bromobenzene, ug/l	<1.0	---	---	1.0
Bromochloromethane, ug/l	<1.0	---	---	1.0
Bromodichloromethane, ug/l	<1.0	---	---	1.0
Bromoform, ug/l	<1.0	---	---	1.0
Bromomethane, ug/l	<1.0	---	---	1.0
n-Butylbenzene, ug/l	<1.0	---	---	1.0
sec-Butylbenzene, ug/l	<1.0	---	---	1.0
tert-Butylbenzene, ug/l	<1.0	---	---	1.0
Carbon tetrachloride, ug/l	<1.0	---	---	1.0
Chlorobenzene, ug/l	<1.0	110.5 %	0.90 %	1.0
Chlorodibromomethane, ug/l	<1.0	---	---	1.0
Chloroethane, ug/l	<1.0	---	---	1.0
Chloroform, ug/l	<1.0	---	---	1.0
Chloromethane, ug/l	<1.0	---	---	1.0
2-Chlorotoluene, ug/l	<1.0	---	---	1.0
4-Chlorotoluene, ug/l	<1.0	---	---	1.0
1,2-Dibromo-3-chloropropane, ug/l	<1.0	---	---	1.0
1,2-Dibromoethane (EDB), ug/l	<1.0	---	---	1.0
Dibromomethane, ug/l	<1.0	---	---	1.0
1,2-Dichlorobenzene, ug/l	<1.0	---	---	1.0
1,3-Dichlorobenzene, ug/l	<1.0	---	---	1.0

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71545-27	Lab Blank
71545-28	Accuracy - % Recovery (Mean)
71545-29	Precision - Relative % Difference
71545-30	Detection Limit

PARAMETER	71545-27	71545-28	71545-29	71545-30
1,4-Dichlorobenzene, ug/l	<1.0	---	---	1.0
Dichlorodifluoromethane, ug/l	<1.0	---	---	1.0
1,1-Dichloroethane, ug/l	<1.0	---	---	1.0
1,2-Dichloroethane, ug/l	<1.0	---	---	1.0
1,1-Dichloroethene, ug/l	<1.0	112 %	4.5 %	1.0
cis-1,2-Dichloroethylene, ug/l	<1.0	---	---	1.0
trans-1,2-Dichloroethylene, ug/l	<1.0	---	---	1.0
1,2-Dichloropropane, ug/l	<1.0	---	---	1.0
1,3-Dichloropropane, ug/l	<1.0	---	---	1.0
2,2-Dichloropropane, ug/l	<1.0	---	---	1.0
1,1-Dichloropropylene, ug/l	<1.0	---	---	1.0
Ethylbenzene, ug/l	<1.0	---	---	1.0
Hexachlorobutadiene, ug/l	<1.0	---	---	1.0
Isopropylbenzene, ug/l	<1.0	---	---	1.0
p-Isopropyltoluene, ug/l	<1.0	---	---	1.0
Methylene chloride, ug/l	<1.0	---	---	1.0
Naphthalene, ug/l	<1.0	---	---	1.0
n-Propylbenzene, ug/l	<1.0	---	---	1.0
Styrene, ug/l	<1.0	---	---	1.0
1,1,1,2-Tetrachloroethane, ug/l	<1.0	---	---	1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0	---	---	1.0
Tetrachloroethene, ug/l	<1.0	---	---	1.0
Toluene, ug/l	<1.0	105 %	1.9 %	1.0

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& ENVIRONMENTAL SERVICES. INC.

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Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
71545-27	Lab Blank
71545-28	Accuracy - % Recovery (Mean)
71545-29	Precision - Relative % Difference
71545-30	Detection Limit

PARAMETER	71545-27	71545-28	71545-29	71545-30
1,2,3-Trichlorobenzene, ug/l	<1.0	---	---	1.0
1,2,4-Trichlorobenzene, ug/l	<1.0	---	---	1.0
1,1,1-Trichloroethane, ug/l	<1.0	---	---	1.0
1,1,2-Trichloroethane, ug/l	<1.0	---	---	1.0
Trichloroethylene, ug/l	<1.0	96 %	1.0 %	1.0
Trichlorofluoromethane, ug/l	<1.0	---	---	1.0
1,2,3-Trichloropropane, ug/l	<1.0	---	---	1.0
1,2,4-Trimethylbenzene, ug/l	<1.0	---	---	1.0
1,3,5-Trimethylbenzene, ug/l	<1.0	---	---	1.0
Vinyl chloride, ug/l	<1.0	---	---	1.0
o-Xylene, ug/l	<1.0	---	---	1.0
m&p-Xylene, ug/l	<1.0	---	---	1.0
Surrogate - 4-Bromofluorobenzene	94 %	---	---	---
Surrogate - Toluene-d8	97 %	---	---	---
Surrogate - Dibromofluoromethane	112 %	---	---	---
Date Analyzed	07.07.96	---	---	---
Method Number	EPA 8260	---	---	---

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES. INC.

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Reported: 11 JUL 96

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Blasland Bouck & Lee, Inc.
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Boca Raton, FL 33431

Project: #480.58 (Willow Run Pit #117)
Sampled By: AF/MM

REPORT OF RESULTS

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71545-27	Lab Blank
71545-28	Accuracy - % Recovery (Mean)
71545-29	Precision - Relative % Difference
71545-30	Detection Limit

PARAMETER	71545-27	71545-28	71545-29	71545-30
Semivolatile Organics (8270)				
1,3-Dichlorobenzene, ug/l	<10	---	---	10
1,4-Dichlorobenzene, ug/l	<10	87 %	4.6 %	10
Hexachloroethane, ug/l	<10	---	---	10
Bis(2-Chloroethyl)ether, ug/l	<10	---	---	10
1,2-Dichlorobenzene, ug/l	<10	---	---	10
Bis(2-chloroisopropyl)ether, ug/l	<10	---	---	10
N-Nitrosodi-N-Propylamine, ug/l	<10	92 %	11 %	10
Nitrobenzene, ug/l	<10	---	---	10
Hexachlorobutadiene, ug/l	<10	---	---	10
1,2,4-Trichlorobenzene, ug/l	<10	87 %	9.2 %	10
Isophorone, ug/l	<10	---	---	10
Naphthalene, ug/l	<5.0	---	---	5.0
Bis(2-Chloroethoxy)methane, ug/l	<10	---	---	10
Hexachlorocyclopentadiene, ug/l	<10	---	---	10
2-Chloronaphthalene, ug/l	<10	---	---	10
Acenaphthylene, ug/l	<10	---	---	10
Acenaphthene, ug/l	<10	102 %	---	10
Dimethylphthalate, ug/l	<10	---	13 %	10
2,6-Dinitrotoluene, ug/l	<10	---	---	10
Fluorene, ug/l	<10	---	---	10
4-Chlorophenyl-phenyl ether, ug/l	<10	---	---	10
2,4-Dinitrotoluene, ug/l	<10	119 %	20 %	10

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
71545-27	Lab Blank
71545-28	Accuracy - % Recovery (Mean)
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71545-30	Detection Limit

PARAMETER	71545-27	71545-28	71545-29	71545-30
Diethylphthalate, ug/l	<10	---	---	10
N-Nitrosodiphenylamine/diphenylamine, ug/l	<10	---	---	10
Hexachlorobenzene, ug/l	<10	---	---	10
Gamma-BHC, ug/l	<10	---	---	10
4-Bromophenyl-phenyl-ether, ug/l	<10	---	---	10
Delta-BHC, ug/l	<10	---	---	10
Phenanthrene, ug/l	<10	---	---	10
Anthracene, ug/l	<10	---	---	10
Beta-BHC, ug/l	<10	---	---	10
Heptachlor, ug/l	<20	---	---	20
Alpha-BHC, ug/l	<10	---	---	10
Aldrin, ug/l	<10	---	---	10
Di-n-butylphthalate, ug/l	<10	---	---	10
Heptachlor epoxide, ug/l	<20	---	---	20
Endosulfan I, ug/l	<20	---	---	20
Fluoranthene, ug/l	<10	---	---	10
Dieldrin, ug/l	<10	---	---	10
4,4'-DDE, ug/l	<10	---	---	10
Pyrene, ug/l	<10	54 %	13 %	10
Endrin, ug/l	<20	---	---	20
Endosulfan II, ug/l	<20	---	---	20
4,4'-DDD, ug/l	<10	---	---	10
Benzidine, ug/l	<80	---	---	80

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71545-27	Lab Blank
71545-28	Accuracy - % Recovery (Mean)
71545-29	Precision - Relative % Difference
71545-30	Detection Limit

PARAMETER	71545-27	71545-28	71545-29	71545-30
4,4'-DDT, ug/l	<10	---	---	10
Endosulfan sulfate, ug/l	<20	---	---	20
Endrin Aldehyde, ug/l	<50	---	---	50
Butylbenzylphthalate, ug/l	<10	---	---	10
Bis(2-Ethylhexyl)phthalate, ug/l	<10	---	---	10
Chrysene, ug/l	<5.0	---	---	5.0
Benzo(a)anthracene, ug/l	<4.0	---	---	4.0
3,3'-Dichlorobenzidine, ug/l	<20	---	---	20
Di-n-octylphthalate, ug/l	<10	---	---	.10
Benzo(b)fluoranthene, ug/l	<4.0	---	---	4.0
Benzo(k)fluoranthene, ug/l	<5.0	---	---	.5.0
Benzo(a)pyrene, ug/l	<4.0	---	---	4.0
Indeno (1,2,3-cd)pyrene, ug/l	<5.0	---	---	5.0
Dibenz(a,h)anthracene, ug/l	<5.0	---	---	5.0
Benzo(g,h,i)perylene, ug/l	<10	---	---	10
N-Nitrosodimethylamine, ug/l	<10	---	---	10
Chlordane, ug/l	<50	---	---	50
Toxaphene, ug/l	<2000	---	---	2000
Aroclor-1016, ug/l	<500	---	---	500
Aroclor-1221, ug/l	<500	---	---	500
Aroclor-1232, ug/l	<500	---	---	500
Aroclor-1242, ug/l	<500	---	---	500
Aroclor-1248, ug/l	<500	---	---	500

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71545-29	Precision - Relative % Difference
71545-30	Detection Limit

PARAMETER	71545-27	71545-28	71545-29	71545-30
Aroclor-1254, ug/l	<500	---	---	500
Aroclor-1260, ug/l	<500	---	---	500
2-Chlorophenol, ug/l	<10	62 %	37 %	10
2-Nitrophenol, ug/l	<10	---	---	10
Phenol, ug/l	<10	67 %	45 %	10
2,4-Dimethylphenol, ug/l	<10	---	---	10
2,4-Dichlorophenol, ug/l	<4.0	---	---	4.0
2,4,6-Trichlorophenol, ug/l	<10	---	---	10
4-Chloro-3-methylphenol, ug/l	<10	83 %	7.2 %	10
2,4-Dinitrophenol, ug/l	<30	---	---	30
2-Methyl-4,6-dinitrophenol, ug/l	<50	---	---	50
Pentachlorophenol, ug/l	<10	77 %	73 %	10
4-Nitrophenol, ug/l	<15	48 %	64 %	15
Benzyl alcohol, ug/l	<10	---	---	10
2-Methylphenol (o-cresol), ug/l	<10	---	---	10
4-Methylphenol (p-cresol), ug/l	<10	---	---	10
Benzoic acid, ug/l	<50	---	---	50
4-Chloroaniline, ug/l	<20	---	---	20
2-Methylnaphthalene, ug/l	<10	---	---	10
2,4,5-Trichlorophenol, ug/l	<10	---	---	10
2-Nitroaniline, ug/l	<50	---	---	50
3-Nitroaniline, ug/l	<50	---	---	50
Dibenzofuran, ug/l	<10	---	---	10

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71545-29	Precision - Relative % Difference
71545-30	Detection Limit

PARAMETER	71545-27	71545-28	71545-29	71545-30
4-Nitroaniline, ug/l	<50	---	---	50
Surrogate - 2-Fluorophenol	64 %	---	---	---
Surrogate - Phenol-5	52 %	---	---	---
Surrogate - Nitrobenzene d-5	62 %	---	---	---
Surrogate - 2-Fluorobiphenyl	171 %	---	---	---
Surrogate - 2,4,6-Tribromophenol	122 %	---	---	---
Surrogate - Terphenyl	110 %	---	---	---
Date Extracted	07.01.96	---	---	---
Date Analyzed	07.03.96	---	---	---
Method Number	EPA 8270	---	---	---
Glycols (DAI)				
Propylene glycol, mg/l	<5.0	---	---	5.0
Ethylene Glycol	<5.0	115 %	8.7 %	5.0
Diethylene Glycol, mg/l	<5.0	---	---	5.0
Triethylene Glycol, mg/l	<5.0	---	---	5.0
Tetraethylene Glycol, mg/l	<5.0	---	---	5.0
Date Analyzed	07.02.96	---	---	---
Method Number	8015-DAI	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.
*F75 = Matrix spike recoveries were outside advisory limits due to matrix interference present in the sample, therefore, recovery of laboratory control standards analyzed concurrently with the sample batch have been reported.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number [illegible]

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404	Phone: (912) 354-7858	Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301	Phone: (904) 878-3994	Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442	Phone: (305) 421-7400	Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693	Phone: (205) 666-6633	Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634	Phone: (813) 885-7427	Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047	Phone: (504) 764-1100	Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run Assembly Plant Pit #117	480.58	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE
Michigan	Alan Fass/Mike Mueller	(407) 750-3733 FAX

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Sven Pavlovics

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd. Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: 8260 (VOCs) / 8270 (SVOCs) Modified 8015 Direct Aqueous Injection

PAGE 1 OF 2

☒ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
6/26/96	09:35		P117-SB1 (1'-3' BLS)	✓				1 1 →	
6/26/96	09:50		P117-SB1 (3'-5' BLS)	✓				1 1 →	
6/28/96	11:15		P117-SB2 (1'-3' BLS)	✓				1 1 →	
6/28/96	11:20		P117-SB2 (3'-5' BLS)	✓				1 1 →	
6/28/96	13:10		P117-SB3 (.75'-3' BLS)	✓				1 1 →	
6/28/96	13:20		P117-SB3 (3'-5' BLS)	✓				1 1 →	
6/28/96	13:30		P117-SB4 (1'-3' BLS)	✓				1 1 →	
6/28/96	13:45		P117-SB4 (3'-5' BLS)	✓				1 1 →	
6/28/96	14:15		P117-SB5 (.8-3' BLS)	✓				1 1 →	
6/28/96	14:30		P117-SB5 (3'-5' BLS)	✓				1 1 →	
6/28/96	15:00		P117-SB6 (.75'-3' BLS)	✓				1 1 →	
6/28/96	15:10		P117-SB6 (3'-5' BLS)	✓				1 1 →	
6/28/96	15:25		P117-SB7 (3'-3' BLS)	✓				1 1 →	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Phillip [illegible]	6/27/96		Alan J. Fass	6/28/96	19:00			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan J. Fass	6/26/96	10:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Kimberly Q. Kloss	6/29/96	1400	☐ YES ☐ NO		D671545	

ORIGINAL

Serial Number 4[illegible]29

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run Assembly Plant Pit #117	480.58	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE / FAX
Michigan	Alan Fass / Mike Mueller	(407) 750-3733

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Sven Pavlovics

CLIENT ADDRESS (CITY, STATE, ZIP)
185 NW Spanish River Blvd., Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: 8260 (VOCs) | 8270 (SVOCs) Modified 8015 Direct Injection

PAGE 2 OF 2

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	8260 (VOCs)	8270 (SVOCs) Modified 8015 Direct Injection	REMARKS
6/28/96	15:35		P117-SB7 (3'-5' BLS)		✓			1	1 →	
6/28/96	16:10		P117-SB8 (1'-3' BLS)		✓			1	1 →	
6/28/96	16:25		P117-SB8 (3'-5' BLS)		✓			1	1 →	
6/28/96	17:15		P117-SB9 (1'-3' BLS)		✓			1	1 →	
6/28/96	17:25		P117-SB9 (3'-5' BLS)		✓			1	1 →	
6/28/96			P117-DUP1		✓			1	1 →	
6/28/96			P117-DUP2		✓			1	1 →	
6/28/96			Field Equipment Blank	✓				2	1 1	P-117 Equipment Blank
6/~~28~~29/96	~~6/28/96~~		Trip Blank	✓				3		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	6.25.96		Alan Fass	6/28/96	19:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Alan Fass	6.26.96	10:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	6/29/96	1407	☐ YES ☐ NO		DE7154T	

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-71558
Received: 02 JUL 96
Reported: 17 JUL 96

Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.58 (480.58 Willow Run Pit 117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71558-1	P117-TW1	06-29-96
71558-2	P117-TW2	06-29-96
71558-3	P117-TW3	06-29-96
71558-4	P117-TW4	06-29-96
71558-5	P117-TW5	06-29-96

PARAMETER	71558-1	71558-2	71558-3	71558-4	71558-5
Volatiles by GC/MS (8260)					
Benzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Bromobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
n-Butylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorodibromomethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chlorotoluene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
4-Chlorotoluene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-chloropropane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromoethane (EDB), ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromomethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0

SL SAVANNAH LABORATORIES
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LOG NO: D6-71558
Received: 02 JUL 96
Reported: 17 JUL 96

Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.58 (480.58 Willow Run Pit 117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
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71558-3	P117-TW3	06-29-96
71558-4	P117-TW4	06-29-96
71558-5	P117-TW5	06-29-96

PARAMETER	71558-1	71558-2	71558-3	71558-4	71558-5
1,3-Dichlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorodifluoromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
2,2-Dichloropropane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachlorobutadiene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene chloride, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene, ug/l	<1.0	<1.0	1.6	<1.0	<1.0
n-Propylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0

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LOG NO: D6-71558
Received: 02 JUL 96
Reported: 17 JUL 96

Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.58 (480.58 Willow Run Pit 117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71558-1	P117-TW1	06-29-96
71558-2	P117-TW2	06-29-96
71558-3	P117-TW3	06-29-96
71558-4	P117-TW4	06-29-96
71558-5	P117-TW5	06-29-96

PARAMETER	71558-1	71558-2	71558-3	71558-4	71558-5
Tetrachloroethene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Trichlorofluoromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichloropropane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl chloride, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
o-Xylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
m&p-Xylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Surrogate - 4-Bromofluorobenzene, ug/l	101 %	103 %	110 %	103 %	108 %
Surrogate - Toluene-d8, ug/l	100 %	103 %	106 %	103 %	105 %
Surrogate - Dibromofluoromethane	100 %	104 %	97 %	98 %	100 %
Date Analyzed	07.08.96	07.08.96	07.09.96	07.09.96	07.09.96
Method Number	EPA 8260	EPA 8260	EPA 8260	EPA 8260	EPA 8260
Dilution factor	1	1	1	1	1

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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LOG NO: D6-71558
Received: 02 JUL 96
Reported: 17 JUL 96

Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.58 (480.58 Willow Run Pit 117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
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71558-2	P117-TW2	06-29-96
71558-3	P117-TW3	06-29-96
71558-4	P117-TW4	06-29-96
71558-5	P117-TW5	06-29-96

PARAMETER	71558-1	71558-2	71558-3	71558-4	71558-5
Semivolatile Organics (8270)					
1,3-Dichlorobenzene, ug/l	<10	<10	<10	<10	<10
1,4-Dichlorobenzene, ug/l	<10	<10	<10	<10	<10
Hexachloroethane, ug/l	<10	<10	<10	<10	<10
Bis(2-Chloroethyl)ether, ug/l	<10	<10	<10	<10	<10
1,2-Dichlorobenzene, ug/l	<10	<10	<10	<10	<10
Bis(2-chloroisopropyl)ether, ug/l	<10	<10	<10	<10	<10
N-Nitrosodi-N-Propylamine, ug/l	<10	<10	<10	<10	<10
Nitrobenzene, ug/l	<10	<10	<10	<10	<10
Hexachlorobutadiene, ug/l	<10	<10	<10	<10	<10
1,2,4-Trichlorobenzene, ug/l	<10	<10	<10	<10	<10
Isophorone, ug/l	<10	<10	<10	<10	<10
Naphthalene, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
Bis(2-Chloroethoxy)methane, ug/l	<10	<10	<10	<10	<10
Hexachlorocyclopentadiene, ug/l	<10	<10	<10	<10	<10
2-Chloronaphthalene, ug/l	<10	<10	<10	<10	<10
Acenaphthylene, ug/l	<10	<10	<10	<10	<10
Acenaphthene, ug/l	<10	<10	<10	<10	<10
Dimethylphthalate, ug/l	<10	<10	<10	<10	<10
2,6-Dinitrotoluene, ug/l	<10	<10	<10	<10	<10
Fluorene, ug/l	<10	<10	<10	<10	<10
4-Chlorophenyl-phenyl ether, ug/l	<10	<10	<10	<10	<10

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LOG NO: D6-71558
Received: 02 JUL 96
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Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.58 (480.58 Willow Run Pit 117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71558-1	P117-TW1	06-29-96
71558-2	P117-TW2	06-29-96
71558-3	P117-TW3	06-29-96
71558-4	P117-TW4	06-29-96
71558-5	P117-TW5	06-29-96

PARAMETER	71558-1	71558-2	71558-3	71558-4	71558-5
2,4-Dinitrotoluene, ug/l	<10	<10	<10	<10	<10
Diethylphthalate, ug/l	<10	<10	<10	<10	<10
N-Nitrosodiphenylamine/diphenylamine, ug/l	<10	<10	<10	<10	<10
Hexachlorobenzene, ug/l	<10	<10	<10	<10	<10
Gamma-BHC, ug/l	<10	<10	<10	<10	<10
4-Bromophenyl-phenyl-ether, ug/l	<10	<10	<10	<10	<10
Delta-BHC, ug/l	<10	<10	<10	<10	<10
Phenanthrene, ug/l	<10	<10	<10	<10	<10
Anthracene, ug/l	<10	<10	<10	<10	<10
Beta-BHC, ug/l	<10	<10	<10	<10	<10
Heptachlor, ug/l	<20	<20	<20	<20	<20
Alpha-BHC, ug/l	<10	<10	<10	<10	<10
Aldrin, ug/l	<10	<10	<10	<10	<10
Di-n-butylphthalate, ug/l	<10	<10	<10	<10	<10
Heptachlor epoxide, ug/l	<20	<20	<20	<20	<20
Endosulfan I, ug/l	<20	<20	<20	<20	<20
Fluoranthene, ug/l	<10	<10	<10	<10	<10
Dieldrin, ug/l	<10	<10	<10	<10	<10
4,4'-DDE, ug/l	<10	<10	<10	<10	<10
Pyrene, ug/l	<10	<10	<10	<10	<10
Endrin, ug/l	<20	<20	<20	<20	<20

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71558-3	P117-TW3	06-29-96
71558-4	P117-TW4	06-29-96
71558-5	P117-TW5	06-29-96

PARAMETER	71558-1	71558-2	71558-3	71558-4	71558-5
Endosulfan II, ug/l	<20	<20	<20	<20	<20
4,4'-DDD, ug/l	<10	<10	<10	<10	<10
Benzidine, ug/l	<80	<80	<80	<80	<80
4,4'-DDT, ug/l	<10	<10	<10	<10	<10
Endosulfan sulfate, ug/l	<20	<20	<20	<20	<20
Endrin Aldehyde, ug/l	<50	<50	<50	<50	<50
Butylbenzylphthalate, ug/l	<10	<10	<10	<10	<10
Bis(2-Ethylhexyl)phthalate, ug/l	<10	<10	<10	<10	<10
Chrysene, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
Benzo(a)anthracene, ug/l	<4.0	<4.0	<4.0	<4.0	<4.0
3,3'-Dichlorobenzidine, ug/l	<20	<20	<20	<20	<20
Di-n-octylphthalate, ug/l	<10	<10	<10	<10	<10
Benzo(b)fluoranthene, ug/l	<4.0	<4.0	<4.0	<4.0	<4.0
Benzo(k)fluoranthene, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
Benzo(a)pyrene, ug/l	<4.0	<4.0	<4.0	<4.0	<4.0
Indeno (1,2,3-cd)pyrene, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
Dibenz(a,h)anthracene, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
Benzo(g,h,i)perylene, ug/l	<10	<10	<10	<10	<10
N-Nitrosodimethylamine, ug/l	<10	<10	<10	<10	<10
Chlordane, ug/l	<50	<50	<50	<50	<50
Toxaphene, ug/l	<2000	<2000	<2000	<2000	<2000
Aroclor-1016, ug/l	<500	<500	<500	<500	<500

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71558-3	P117-TW3	06-29-96
71558-4	P117-TW4	06-29-96
71558-5	P117-TW5	06-29-96

PARAMETER	71558-1	71558-2	71558-3	71558-4	71558-5
Aroclor-1221, ug/l	<500	<500	<500	<500	<500
Aroclor-1232, ug/l	<500	<500	<500	<500	<500
Aroclor-1242, ug/l	<500	<500	<500	<500	<500
Aroclor-1248, ug/l	<500	<500	<500	<500	<500
Aroclor-1254, ug/l	<500	<500	<500	<500	<500
Aroclor-1260, ug/l	<500	<500	<500	<500	<500
2-Chlorophenol, ug/l	<10	<10	<10	<10	<10
2-Nitrophenol, ug/l	<10	<10	<10	<10	<10
Phenol, ug/l	<10	<10	<10	<10	<10
2,4-Dimethylphenol, ug/l	<10	<10	<10	<10	<10
2,4-Dichlorophenol, ug/l	<4.0	<4.0	<4.0	<4.0	<4.0
2,4,6-Trichlorophenol, ug/l	<10	<10	<10	<10	<10
4-Chloro-3-methylphenol, ug/l	<10	<10	<10	<10	<10
2,4-Dinitrophenol, ug/l	<30	<30	<30	<30	<30
2-Methyl-4,6-dinitrophenol, ug/l	<50	<50	<50	<50	<50
Pentachlorophenol, ug/l	<10	<10	<10	<10	<10
4-Nitrophenol, ug/l	<15	<15	<15	<15	<15
Benzyl alcohol, ug/l	<10	<10	<10	<10	<10
2-Methylphenol (o-cresol), ug/l	<10	<10	<10	<10	<10
4-Methylphenol (p-cresol), ug/l	<10	<10	<10	<10	<10
Benzoic acid, ug/l	<50	<50	<50	<50	<50
4-Chloroaniline, ug/l	<20	<20	<20	<20	<20

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71558-5	P117-TW5	06-29-96

PARAMETER	71558-1	71558-2	71558-3	71558-4	71558-5
2-Methylnaphthalene, ug/l	<10	<10	<10	<10	<10
2,4,5-Trichlorophenol, ug/l	<10	<10	<10	<10	<10
2-Nitroaniline, ug/l	<50	<50	<50	<50	<50
3-Nitroaniline, ug/l	<50	<50	<50	<50	<50
Dibenzofuran, ug/l	<10	<10	<10	<10	<10
4-Nitroaniline, ug/l	<50	<50	<50	<50	<50
Surrogate - 2-Fluorophenol, ug/l	27 %	69 %	70 %	79 %	45 %
Surrogate - Phenol-5, ug/l	49 %	92 %	80 %	90 %	61 %
Surrogate - Nitrobenzene d-5, ug/l	63 %	83 %	86 %	87 %	61 %
Surrogate - 2-Fluorobiphenyl, ug/l	74 %	90 %	86 %	94 %	73 %
Surrogate - 2,4,6-Tribromophenol, ug/l	34 %	88 %	80 %	83 %	65 %
Surrogate - Terphenyl, ug/l	69 %	57 %	53 %	76 %	130 %
Date Extracted	07.03.96	07.03.96	07.03.96	07.03.96	07.03.96
Date Analyzed	07.10.96	07.10.96	07.10.96	07.10.96	07.10.96
Method Number	EPA 8270	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Dilution factor	1	1	1	1	1

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-71558
Received: 02 JUL 96
Reported: 17 JUL 96

Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.58 (480.58 Willow Run Pit 117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71558-1	P117-TW1	06-29-96
71558-2	P117-TW2	06-29-96
71558-3	P117-TW3	06-29-96
71558-4	P117-TW4	06-29-96
71558-5	P117-TW5	06-29-96

PARAMETER	71558-1	71558-2	71558-3	71558-4	71558-5
Glycols (DAI)					
Propylene glycol, mg/l	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylene Glycol, mg/l	<5.0	<5.0	<5.0	<5.0	<5.0
Diethylene Glycol, mg/l	<5.0	<5.0	<5.0	<5.0	<5.0
Triethylene Glycol, mg/l	<5.0	<5.0	<5.0	<5.0	<5.0
Tetraethylene Glycol, mg/l	<5.0	<5.0	<5.0	<5.0	<5.0
Date Analyzed	07.09.96	07.09.96	07.09.96	07.09.96	07.09.96
Method Number	8015-DAI	8015-DAI	8015-DAI	8015-DAI	8015-DAI

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Project: #869.58 (480.58 Willow Run Pit 117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71558-6	P117-TW6	06-29-96
71558-7	P117-TW7	06-29-96
71558-8	P117-TW8	06-29-96
71558-9	P117-TW9	06-29-96
71558-10	P117-Equipment Blank	06-29-96

PARAMETER	71558-6	71558-7	71558-8	71558-9	71558-10
Volatiles by GC/MS (8260)					
Benzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Bromobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
n-Butylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorodibromomethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chlorotoluene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
4-Chlorotoluene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-chloropropane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromoethane (EDB), ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromomethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0

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Received: 02 JUL 96
Reported: 17 JUL 96

Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.58 (480.58 Willow Run Pit 117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71558-6	P117-TW6	06-29-96
71558-7	P117-TW7	06-29-96
71558-8	P117-TW8	06-29-96
71558-9	P117-TW9	06-29-96
71558-10	P117-Equipment Blank	06-29-96

PARAMETER	71558-6	71558-7	71558-8	71558-9	71558-10
1,3-Dichlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorodifluoromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane, ug/l	<1.0	1.6	5.1	3.2	<1.0
1,2-Dichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
2,2-Dichloropropane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachlorobutadiene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene chloride, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
n-Propylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0

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Received: 02 JUL 96
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Mr. Sven Pavlovics
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185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.58 (480.58 Willow Run Pit 117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71558-6	P117-TW6	06-29-96
71558-7	P117-TW7	06-29-96
71558-8	P117-TW8	06-29-96
71558-9	P117-TW9	06-29-96
71558-10	P117-Equipment Blank	06-29-96

PARAMETER	71558-6	71558-7	71558-8	71558-9	71558-10
Tetrachloroethene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane, ug/l	<1.0	3.8	2.7	<1.0	<1.0
1,1,2-Trichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethylene, ug/l	~~4x 97~~	<1.0	<1.0	<1.0	<1.0
Trichlorofluoromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichloropropane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl chloride, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
o-Xylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
m&p-Xylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Surrogate - 4-Bromofluorobenzene, ug/l	106 %	105 %	106 %	109 %	104 %
Surrogate - Toluene-d8, ug/l	102 %	105 %	106 %	108 %	102 %
Surrogate - Dibromofluoromethane	104 %	101 %	96 %	97 %	100 %
Date Analyzed	07.09.96	07.09.96	07.09.96	07.09.96	07.08.96
Method Number	EPA 8260	EPA 8260	EPA 8260	EPA 8260	EPA 8260
Dilution factor	1	1	1	1	1

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LOG NO: D6-71558
Received: 02 JUL 96
Reported: 17 JUL 96

Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.58 (480.58 Willow Run Pit 117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71558-6	P117-TW6	06-29-96
71558-7	P117-TW7	06-29-96
71558-8	P117-TW8	06-29-96
71558-9	P117-TW9	06-29-96
71558-10	P117-Equipment Blank	06-29-96

PARAMETER	71558-6	71558-7	71558-8	71558-9	71558-10
Semivolatile Organics (8270)					
1,3-Dichlorobenzene, ug/l	<10	<10	<10	<10	<10
1,4-Dichlorobenzene, ug/l	<10	<10	<10	<10	<10
Hexachloroethane, ug/l	<10	<10	<10	<10	<10
Bis(2-Chloroethyl)ether, ug/l	<10	<10	<10	<10	<10
1,2-Dichlorobenzene, ug/l	<10	<10	<10	<10	<10
Bis(2-chloroisopropyl)ether, ug/l	<10	<10	<10	<10	<10
N-Nitrosodi-N-Propylamine, ug/l	<10	<10	<10	<10	<10
Nitrobenzene, ug/l	<10	<10	<10	<10	<10
Hexachlorobutadiene, ug/l	<10	<10	<10	<10	<10
1,2,4-Trichlorobenzene, ug/l	<10	<10	<10	<10	<10
Isophorone, ug/l	<10	<10	<10	<10	<10
Naphthalene, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
Bis(2-Chloroethoxy)methane, ug/l	<10	<10	<10	<10	<10
Hexachlorocyclopentadiene, ug/l	<10	<10	<10	<10	<10
2-Chloronaphthalene, ug/l	<10	<10	<10	<10	<10
Acenaphthylene, ug/l	<10	<10	<10	<10	<10
Acenaphthene, ug/l	<10	<10	<10	<10	<10
Dimethylphthalate, ug/l	<10	<10	<10	<10	<10
2,6-Dinitrotoluene, ug/l	<10	<10	<10	<10	<10
Fluorene, ug/l	<10	<10	<10	<10	<10
4-Chlorophenyl-phenyl ether, ug/l	<10	<10	<10	<10	<10

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REPORT OF RESULTS

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71558-6	P117-TW6	06-29-96
71558-7	P117-TW7	06-29-96
71558-8	P117-TW8	06-29-96
71558-9	P117-TW9	06-29-96
71558-10	P117-Equipment Blank	06-29-96

PARAMETER	71558-6	71558-7	71558-8	71558-9	71558-10
2,4-Dinitrotoluene, ug/l	<10	<10	<10	<10	<10
Diethylphthalate, ug/l	<10	<10	<10	<10	<10
N-Nitrosodiphenylamine/diphenylamine, ug/l	<10	<10	<10	<10	<10
Hexachlorobenzene, ug/l	<10	<10	<10	<10	<10
Gamma-BHC, ug/l	<10	<10	<10	<10	<10
4-Bromophenyl-phenyl-ether, ug/l	<10	<10	<10	<10	<10
Delta-BHC, ug/l	<10	<10	<10	<10	<10
Phenanthrene, ug/l	<10	<10	<10	<10	<10
Anthracene, ug/l	<10	<10	<10	<10	<10
Beta-BHC, ug/l	<10	<10	<10	<10	<10
Heptachlor, ug/l	<20	<20	<20	<20	<20
Alpha-BHC, ug/l	<10	<10	<10	<10	<10
Aldrin, ug/l	<10	<10	<10	<10	<10
Di-n-butylphthalate, ug/l	<10	<10	<10	<10	<10
Heptachlor epoxide, ug/l	<20	<20	<20	<20	<20
Endosulfan I, ug/l	<20	<20	<20	<20	<20
Fluoranthene, ug/l	<10	<10	<10	<10	<10
Dieldrin, ug/l	<10	<10	<10	<10	<10
4,4'-DDE, ug/l	<10	<10	<10	<10	<10
Pyrene, ug/l	<10	<10	<10	<10	<10
Endrin, ug/l	<20	<20	<20	<20	<20

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71558-7	P117-TW7	06-29-96
71558-8	P117-TW8	06-29-96
71558-9	P117-TW9	06-29-96
71558-10	P117-Equipment Blank	06-29-96

PARAMETER	71558-6	71558-7	71558-8	71558-9	71558-10
Aroclor-1221, ug/l	<500	<500	<500	<500	<500
Aroclor-1232, ug/l	<500	<500	<500	<500	<500
Aroclor-1242, ug/l	<500	<500	<500	<500	<500
Aroclor-1248, ug/l	<500	<500	<500	<500	<500
Aroclor-1254, ug/l	<500	<500	<500	<500	<500
Aroclor-1260, ug/l	<500	<500	<500	<500	<500
2-Chlorophenol, ug/l	<10	<10	<10	<10	<10
2-Nitrophenol, ug/l	<10	<10	<10	<10	<10
Phenol, ug/l	<10	<10	<10	<10	<10
2,4-Dimethylphenol, ug/l	<10	<10	<10	<10	<10
2,4-Dichlorophenol, ug/l	<4.0	<4.0	<4.0	<4.0	<4.0
2,4,6-Trichlorophenol, ug/l	<10	<10	<10	<10	<10
4-Chloro-3-methylphenol, ug/l	<10	<10	<10	<10	<10
2,4-Dinitrophenol, ug/l	<30	<30	<30	<30	<30
2-Methyl-4,6-dinitrophenol, ug/l	<50	<50	<50	<50	<50
Pentachlorophenol, ug/l	<10	<10	<10	<10	<10
4-Nitrophenol, ug/l	<15	<15	<15	<15	<15
Benzyl alcohol, ug/l	<10	<10	<10	<10	<10
2-Methylphenol (o-cresol), ug/l	<10	<10	<10	<10	<10
4-Methylphenol (p-cresol), ug/l	<10	<10	<10	<10	<10
Benzoic acid, ug/l	<50	<50	<50	<50	<50
4-Chloroaniline, ug/l	<20	<20	<20	<20	<20

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71558-7	P117-TW7	06-29-96
71558-8	P117-TW8	06-29-96
71558-9	P117-TW9	06-29-96
71558-10	P117-Equipment Blank	06-29-96

PARAMETER	71558-6	71558-7	71558-8	71558-9	71558-10
Endosulfan II, ug/l	<20	<20	<20	<20	<20
4,4'-DDD, ug/l	<10	<10	<10	<10	<10
Benzidine, ug/l	<80	<80	<80	<80	<80
4,4'-DDT, ug/l	<10	<10	<10	<10	<10
Endosulfan sulfate, ug/l	<20	<20	<20	<20	<20
Endrin Aldehyde, ug/l	<50	<50	<50	<50	<50
Butylbenzylphthalate, ug/l	<10	<10	<10	<10	<10
Bis(2-Ethylhexyl)phthalate, ug/l	<10	<10	<10	<10	<10
Chrysene, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
Benzo(a)anthracene, ug/l	<4.0	<4.0	<4.0	<4.0	<4.0
3,3'-Dichlorobenzidine, ug/l	<20	<20	<20	<20	<20
Di-n-octylphthalate, ug/l	<10	<10	<10	<10	<10
Benzo(b)fluoranthene, ug/l	<4.0	<4.0	<4.0	<4.0	<4.0
Benzo(k)fluoranthene, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
Benzo(a)pyrene, ug/l	<4.0	<4.0	<4.0	<4.0	<4.0
Indeno (1,2,3-cd)pyrene, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
Dibenz(a,h)anthracene, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
Benzo(g,h,i)perylene, ug/l	<10	<10	<10	<10	<10
N-Nitrosodimethylamine, ug/l	<10	<10	<10	<10	<10
Chlordane, ug/l	<50	<50	<50	<50	<50
Toxaphene, ug/l	<2000	<2000	<2000	<2000	<2000
Aroclor-1016, ug/l	<500	<500	<500	<500	<500

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71558-6	P117-TW6	06-29-96
71558-7	P117-TW7	06-29-96
71558-8	P117-TW8	06-29-96
71558-9	P117-TW9	06-29-96
71558-10	P117-Equipment Blank	06-29-96

PARAMETER	71558-6	71558-7	71558-8	71558-9	71558-10
2-Methylnaphthalene, ug/l	<10	<10	<10	<10	<10
2,4,5-Trichlorophenol, ug/l	<10	<10	<10	<10	<10
2-Nitroaniline, ug/l	<50	<50	<50	<50	<50
3-Nitroaniline, ug/l	<50	<50	<50	<50	<50
Dibenzofuran, ug/l	<10	<10	<10	<10	<10
4-Nitroaniline, ug/l	<50	<50	<50	<50	<50
Surrogate - 2-Fluorophenol, ug/l	66 %	74 %	75 %	66 %	72 %
Surrogate - Phenol-5, ug/l	83 %	93 %	82 %	75 %	88 %
Surrogate - Nitrobenzene d-5, ug/l	75 %	84 %	86 %	84 %	82 %
Surrogate - 2-Fluorobiphenyl, ug/l	79 %	93 %	94 %	93 %	88 %
Surrogate - 2,4,6-Tribromophenol, ug/l	76 %	86 %	94 %	88 %	81 %
Surrogate - Terphenyl, ug/l	95 %	24 %	55 %	54 %	112 %
Date Extracted	07.03.96	07.03.96	07.03.96	07.03.96	07.03.96
Date Analyzed	07.10.96	07.10.96	07.10.96	07.10.96	07.10.96
Method Number	EPA 8270	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Dilution factor	1	1	1	1	1

SL SAVANNAH LABORATORIES
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LOG NO: D6-71558
Received: 02 JUL 96
Reported: 17 JUL 96

Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.58 (480.58 Willow Run Pit 117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71558-6	P117-TW6	06-29-96
71558-7	P117-TW7	06-29-96
71558-8	P117-TW8	06-29-96
71558-9	P117-TW9	06-29-96
71558-10	P117-Equipment Blank	06-29-96

PARAMETER	71558-6	71558-7	71558-8	71558-9	71558-10
Glycols (DAI)					
Propylene glycol, mg/l	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylene Glycol, mg/l	<5.0	<5.0	<5.0	<5.0	<5.0
Diethylene Glycol, mg/l	<5.0	<5.0	<5.0	<5.0	<5.0
Triethylene Glycol, mg/l	<5.0	<5.0	<5.0	<5.0	<5.0
Tetraethylene Glycol, mg/l	<5.0	<5.0	<5.0	<5.0	<5.0
Date Analyzed	07.09.96	07.09.96	07.09.96	07.09.96	07.09.96
Method Number	8015-DAI	8015-DAI	8015-DAI	8015-DAI	8015-DAI

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Project: #869.58 (480.58 Willow Run Pit 117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71558-11	P117-Dup-TW	06-29-96

PARAMETER	71558-11
Volatiles by GC/MS (8260)	
Benzene, ug/l	<1.0
Bromobenzene, ug/l	<1.0
Bromochloromethane, ug/l	<1.0
Bromodichloromethane, ug/l	<1.0
Bromoform, ug/l	<1.0
Bromomethane, ug/l	<1.0
n-Butylbenzene, ug/l	<1.0
sec-Butylbenzene, ug/l	<1.0
tert-Butylbenzene, ug/l	<1.0
Carbon tetrachloride, ug/l	<1.0
Chlorobenzene, ug/l	<1.0
Chlorodibromomethane, ug/l	<1.0
Chloroethane, ug/l	<1.0
Chloroform, ug/l	<1.0
Chloromethane, ug/l	<1.0
2-Chlorotoluene, ug/l	<1.0
4-Chlorotoluene, ug/l	<1.0
1,2-Dibromo-3-chloropropane, ug/l	<1.0
1,2-Dibromoethane (EDB), ug/l	<1.0
Dibromomethane, ug/l	<1.0
1,2-Dichlorobenzene, ug/l	<1.0
1,3-Dichlorobenzene, ug/l	<1.0
1,4-Dichlorobenzene, ug/l	<1.0
Dichlorodifluoromethane, ug/l	<1.0
1,1-Dichloroethane, ug/l	1.4

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Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71558-11	P117-Dup-TW	06-29-96

PARAMETER	71558-11
1,2-Dichloroethane, ug/l	<1.0
1,1-Dichloroethene, ug/l	<1.0
cis-1,2-Dichloroethylene, ug/l	<1.0
trans-1,2-Dichloroethylene, ug/l	<1.0
1,2-Dichloropropane, ug/l	<1.0
1,3-Dichloropropane, ug/l	<1.0
2,2-Dichloropropane, ug/l	<1.0
1,1-Dichloropropylene, ug/l	<1.0
Ethylbenzene, ug/l	<1.0
Hexachlorobutadiene, ug/l	<1.0
Isopropylbenzene, ug/l	<1.0
p-Isopropyltoluene, ug/l	<1.0
Methylene chloride, ug/l	<1.0
Naphthalene, ug/l	<1.0
n-Propylbenzene, ug/l	<1.0
Styrene, ug/l	<1.0
1,1,1,2-Tetrachloroethane, ug/l	<1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0
Tetrachloroethene, ug/l	<1.0
Toluene, ug/l	<1.0
1,2,3-Trichlorobenzene, ug/l	<1.0
1,2,4-Trichlorobenzene, ug/l	<1.0
1,1,1-Trichloroethane, ug/l	2.6
1,1,2-Trichloroethane, ug/l	<1.0
Trichloroethylene, ug/l	<1.0
Trichlorofluoromethane, ug/l	<1.0

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71558-11	P117-Dup-TW	06-29-96

PARAMETER	71558-11
1,2,3-Trichloropropane, ug/l	<1.0
1,2,4-Trimethylbenzene, ug/l	<1.0
1,3,5-Trimethylbenzene, ug/l	<1.0
Vinyl chloride, ug/l	<1.0
o-Xylene, ug/l	<1.0
m&p-Xylene, ug/l	<1.0
Surrogate - 4-Bromofluorobenzene, ug/l	106 %
Surrogate - Toluene-d8, ug/l	103 %
Surrogate - Dibromofluoromethane	98 %
Date Analyzed	07.09.96
Method Number	EPA 8260
Dilution factor	1

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71558-11	P117-Dup-TW	06-29-96

PARAMETER	71558-11
Semivolatile Organics (8270)	
1,3-Dichlorobenzene, ug/l	<10
1,4-Dichlorobenzene, ug/l	<10
Hexachloroethane, ug/l	<10
Bis(2-Chloroethyl)ether, ug/l	<10
1,2-Dichlorobenzene, ug/l	<10
Bis(2-chloroisopropyl)ether, ug/l	<10
N-Nitrosodi-N-Propylamine, ug/l	<10
Nitrobenzene, ug/l	<10
Hexachlorobutadiene, ug/l	<10
1,2,4-Trichlorobenzene, ug/l	<10
Isophorone, ug/l	<10
Naphthalene, ug/l	<5.0
Bis(2-Chloroethoxy)methane, ug/l	<10
Hexachlorocyclopentadiene, ug/l	<10
2-Chloronaphthalene, ug/l	<10
Acenaphthylene, ug/l	<10
Acenaphthene, ug/l	<10
Dimethylphthalate, ug/l	<10
2,6-Dinitrotoluene, ug/l	<10
Fluorene, ug/l	<10
4-Chlorophenyl-phenyl ether, ug/l	<10
2,4-Dinitrotoluene, ug/l	<10
Diethylphthalate, ug/l	<10
N-Nitrosodiphenylamine/diphenylamine, ug/l	<10
Hexachlorobenzene, ug/l	<10

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71558-11	P117-Dup-TW	06-29-96

PARAMETER	71558-11				
Gamma-BHC, ug/l	<10				
4-Bromophenyl-phenyl-ether, ug/l	<10				
Delta-BHC, ug/l	<10				
Phenanthrene, ug/l	<10				
Anthracene, ug/l	<10				
Beta-BHC, ug/l	<10				
Heptachlor, ug/l	<20				
Alpha-BHC, ug/l	<10				
Aldrin, ug/l	<10				
Di-n-butylphthalate, ug/l	<10				
Heptachlor epoxide, ug/l	<20				
Endosulfan I, ug/l	<20				
Fluoranthene, ug/l	<10				
Dieldrin, ug/l	<10				
4,4'-DDE, ug/l	<10				
Pyrene, ug/l	<10				
Endrin, ug/l	<20				
Endosulfan II, ug/l	<20				
4,4'-DDD, ug/l	<10				
Benzidine, ug/l	<80				
4,4'-DDT, ug/l	<10				
Endosulfan sulfate, ug/l	<20				
Endrin Aldehyde, ug/l	<50				
Butylbenzylphthalate, ug/l	<10				
Bis(2-Ethylhexyl)phthalate, ug/l	<10				
Chrysene, ug/l	<5.0				

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71558-11	P117-Dup-TW	06-29-96

PARAMETER	71558-11
Benzo(a)anthracene, ug/l	<4.0
3,3'-Dichlorobenzidine, ug/l	<20
Di-n-octylphthalate, ug/l	<10
Benzo(b)fluoranthene, ug/l	<4.0
Benzo(k)fluoranthene, ug/l	<5.0
Benzo(a)pyrene, ug/l	<4.0
Indeno (1,2,3-cd)pyrene, ug/l	<5.0
Dibenz(a,h)anthracene, ug/l	<5.0
Benzo(g,h,i)perylene, ug/l	<10
N-Nitrosodimethylamine, ug/l	<10
Chlordane, ug/l	<50
Toxaphene, ug/l	<2000
Aroclor-1016, ug/l	<500
Aroclor-1221, ug/l	<500
Aroclor-1232, ug/l	<500
Aroclor-1242, ug/l	<500
Aroclor-1248, ug/l	<500
Aroclor-1254, ug/l	<500
Aroclor-1260, ug/l	<500
2-Chlorophenol, ug/l	<10
2-Nitrophenol, ug/l	<10
Phenol, ug/l	<10
2,4-Dimethylphenol, ug/l	<10
2,4-Dichlorophenol, ug/l	<4.0
2,4,6-Trichlorophenol, ug/l	<10
4-Chloro-3-methylphenol, ug/l	<10

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Boca Raton, FL 33431

Project: #869.58 (480.58 Willow Run Pit 117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71558-11	P117-Dup-TW	06-29-96

PARAMETER	71558-11				
2,4-Dinitrophenol, ug/l	<30				
2-Methyl-4,6-dinitrophenol, ug/l	<50				
Pentachlorophenol, ug/l	<10				
4-Nitrophenol, ug/l	<15				
Benzyl alcohol, ug/l	<10				
2-Methylphenol (o-cresol), ug/l	<10				
4-Methylphenol (p-cresol), ug/l	<10				
Benzoic acid, ug/l	<50				
4-Chloroaniline, ug/l	<20				
2-Methylnaphthalene, ug/l	<10				
2,4,5-Trichlorophenol, ug/l	<10				
2-Nitroaniline, ug/l	<50				
3-Nitroaniline, ug/l	<50				
Dibenzofuran, ug/l	<10				
4-Nitroaniline, ug/l	<50				
Surrogate - 2-Fluorophenol, ug/l	72 %				
Surrogate - Phenol-5, ug/l	79 %				
Surrogate - Nitrobenzene d-5, ug/l	86 %				
Surrogate - 2-Fluorobiphenyl, ug/l	89 %				
Surrogate - 2,4,6-Tribromophenol, ug/l	80 %				
Surrogate - Terphenyl, ug/l	29 %				
Date Extracted	07.03.96				
Date Analyzed	07.09.96				
Method Number	EPA 8270				
Dilution factor	1				

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Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
71558-11	P117-Dup-TW	06-29-96

PARAMETER	71558-11
Glycols (DAI)	
Propylene glycol, mg/l	<5.0
Ethylene Glycol, mg/l	<5.0
Diethylene Glycol, mg/l	<5.0
Triethylene Glycol, mg/l	<5.0
Tetraethylene Glycol, mg/l	<5.0
Date Analyzed	07.09.96
Method Number	8015-DAI

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Project: #869.58 (480.58 Willow Run Pit 117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
71558-12	Lab Blank
71558-13	Accuracy - % Recovery (Mean)
71558-14	Precision - Relative % Difference
71558-15	Detection Limit

PARAMETER	71558-12	71558-13	71558-14	71558-15
Volatiles by GC/MS (8260)				
Benzene, ug/l	<1.0	113 %	1.8 %	1.0
Bromobenzene, ug/l	<1.0	---	---	1.0
Bromochloromethane, ug/l	<1.0	---	---	1.0
Bromodichloromethane, ug/l	<1.0	---	---	1.0
Bromoform, ug/l	<1.0	---	---	1.0
Bromomethane, ug/l	<1.0	---	---	1.0
n-Butylbenzene, ug/l	<1.0	---	---	1.0
sec-Butylbenzene, ug/l	<1.0	---	---	1.0
tert-Butylbenzene, ug/l	<1.0	---	---	1.0
Carbon tetrachloride, ug/l	<1.0	---	---	1.0
Chlorobenzene, ug/l	<1.0	120 %	6.7 %	1.0
Chlorodibromomethane, ug/l	<1.0	---	---	1.0
Chloroethane, ug/l	<1.0	---	---	1.0
Chloroform, ug/l	<1.0	---	---	1.0
Chloromethane, ug/l	<1.0	---	---	1.0
2-Chlorotoluene, ug/l	<1.0	---	---	1.0
4-Chlorotoluene, ug/l	<1.0	---	---	1.0
1,2-Dibromo-3-chloropropane, ug/l	<1.0	---	---	1.0
1,2-Dibromoethane (EDB), ug/l	<1.0	---	---	1.0
Dibromomethane, ug/l	<1.0	---	---	1.0
1,2-Dichlorobenzene, ug/l	<1.0	---	---	1.0
1,3-Dichlorobenzene, ug/l	<1.0	---	---	1.0

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
71558-12	Lab Blank
71558-13	Accuracy - % Recovery (Mean)
71558-14	Precision - Relative % Difference
71558-15	Detection Limit

PARAMETER	71558-12	71558-13	71558-14	71558-15
1,4-Dichlorobenzene, ug/l	<1.0	---	---	1.0
Dichlorodifluoromethane, ug/l	<1.0	---	---	1.0
1,1-Dichloroethane, ug/l	<1.0	---	---	1.0
1,2-Dichloroethane, ug/l	<1.0	---	---	1.0
1,1-Dichloroethene, ug/l	<1.0	102 %	2.9 %	1.0
cis-1,2-Dichloroethylene, ug/l	<1.0	---	---	1.0
trans-1,2-Dichloroethylene, ug/l	<1.0	---	---	1.0
1,2-Dichloropropane, ug/l	<1.0	---	---	1.0
1,3-Dichloropropane, ug/l	<1.0	---	---	1.0
2,2-Dichloropropane, ug/l	<1.0	---	---	1.0
1,1-Dichloropropylene, ug/l	<1.0	---	---	1.0
Ethylbenzene, ug/l	<1.0	---	---	1.0
Hexachlorobutadiene, ug/l	<1.0	---	---	1.0
Isopropylbenzene, ug/l	<1.0	---	---	1.0
p-Isopropyltoluene, ug/l	<1.0	---	---	1.0
Methylene chloride, ug/l	<1.0	---	---	1.0
Naphthalene, ug/l	<1.0	---	---	1.0
n-Propylbenzene, ug/l	<1.0	---	---	1.0
Styrene, ug/l	<1.0	---	---	1.0
1,1,1,2-Tetrachloroethane, ug/l	<1.0	---	---	1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0	---	---	1.0
Tetrachloroethene, ug/l	<1.0	---	---	1.0
Toluene, ug/l	<1.0	116 %	3.4 %	1.0

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
71558-12	Lab Blank
71558-13	Accuracy - % Recovery (Mean)
71558-14	Precision - Relative % Difference
71558-15	Detection Limit

PARAMETER	71558-12	71558-13	71558-14	71558-15
1,2,3-Trichlorobenzene, ug/l	<1.0	---	---	1.0
1,2,4-Trichlorobenzene, ug/l	<1.0	---	---	1.0
1,1,1-Trichloroethane, ug/l	<1.0	---	---	1.0
1,1,2-Trichloroethane, ug/l	<1.0	---	---	1.0
Trichloroethylene, ug/l	<1.0	102 %	2.0 %	1.0
Trichlorofluoromethane, ug/l	<1.0	---	---	1.0
1,2,3-Trichloropropane, ug/l	<1.0	---	---	1.0
1,2,4-Trimethylbenzene, ug/l	<1.0	---	---	1.0
1,3,5-Trimethylbenzene, ug/l	<1.0	---	---	1.0
Vinyl chloride, ug/l	<1.0	---	---	1.0
o-Xylene, ug/l	<1.0	---	---	1.0
m&p-Xylene, ug/l	<1.0	---	---	1.0
Surrogate - 4-Bromofluorobenzene, ug/l	97 %	---	---	---
Surrogate - Toluene-d8, ug/l	97 %	---	---	---
Surrogate - Dibromofluoromethane	103 %	---	---	---
Date Analyzed	07.08.96	---	---	---
Method Number	EPA 8260	---	---	---

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Project: #869.58 (480.58 Willow Run Pit 117)
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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
71558-12	Lab Blank
71558-13	Accuracy - % Recovery (Mean)
71558-14	Precision - Relative % Difference
71558-15	Detection Limit

PARAMETER	71558-12	71558-13	71558-14	71558-15
Semivolatile Organics (8270)				
1,3-Dichlorobenzene, ug/l	<10	---	---	10
1,4-Dichlorobenzene, ug/l	<10	96 %	7.2 %	10
Hexachloroethane, ug/l	<10	---	---	10
Bis(2-Chloroethyl)ether, ug/l	<10	---	---	10
1,2-Dichlorobenzene, ug/l	<10	---	---	10
Bis(2-chloroisopropyl)ether, ug/l	<10	---	---	10
N-Nitrosodi-N-Propylamine, ug/l	<10	110 %	6.4 %	10
Nitrobenzene, ug/l	<10	---	---	10
Hexachlorobutadiene, ug/l	<10	---	---	10
1,2,4-Trichlorobenzene, ug/l	<10	93 %	2.2 %	10
Isophorone, ug/l	<10	---	---	10
Naphthalene, ug/l	<5.0	---	---	5.0
Bis(2-Chloroethoxy)methane, ug/l	<10	---	---	10
Hexachlorocyclopentadiene, ug/l	<10	---	---	10
2-Chloronaphthalene, ug/l	<10	---	---	10
Acenaphthylene, ug/l	<10	---	---	10
Acenaphthene, ug/l	<10	104 %	6.8 %	10
Dimethylphthalate, ug/l	<10	---	---	10
2,6-Dinitrotoluene, ug/l	<10	---	---	10
Fluorene, ug/l	<10	---	---	10
4-Chlorophenyl-phenyl ether, ug/l	<10	---	---	10
2,4-Dinitrotoluene, ug/l	<10	119 %	12 %	10

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-71558
Received: 02 JUL 96
Reported: 17 JUL 96

Mr. Sven Pavlovics
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.58 (480.58 Willow Run Pit 117)
Sampled By: AF/MM

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
71558-12	Lab Blank
71558-13	Accuracy - % Recovery (Mean)
71558-14	Precision - Relative % Difference
71558-15	Detection Limit

PARAMETER	71558-12	71558-13	71558-14	71558-15
Diethylphthalate, ug/l	<10	---	---	10
N-Nitrosodiphenylamine/diphenylamine, ug/l	<10	---	---	10
Hexachlorobenzene, ug/l	<10	---	---	10
Gamma-BHC, ug/l	<10	---	---	10
4-Bromophenyl-phenyl-ether, ug/l	<10	---	---	10
Delta-BHC, ug/l	<10	---	---	10
Phenanthrene, ug/l	<10	---	---	10
Anthracene, ug/l	<10	---	---	10
Beta-BHC, ug/l	<10	---	---	10
Heptachlor, ug/l	<20	---	---	20
Alpha-BHC, ug/l	<10	---	---	10
Aldrin, ug/l	<10	---	---	10
Di-n-butylphthalate, ug/l	<10	---	---	10
Heptachlor epoxide, ug/l	<20	---	---	20
Endosulfan I, ug/l	<20	---	---	20
Fluoranthene, ug/l	<10	---	---	10
Dieldrin, ug/l	<10	---	---	10
4,4'-DDE, ug/l	<10	---	---	10
Pyrene, ug/l	<10	62 %	1.6 %	10
Endrin, ug/l	<20	---	---	20
Endosulfan II, ug/l	<20	---	---	20
4,4'-DDD, ug/l	<10	---	---	10
Benzidine, ug/l	<80	---	---	80

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Project: #869.58 (480.58 Willow Run Pit 117)
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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
71558-12	Lab Blank
71558-13	Accuracy - % Recovery (Mean)
71558-14	Precision - Relative % Difference
71558-15	Detection Limit

PARAMETER	71558-12	71558-13	71558-14	71558-15
4,4'-DDT, ug/l	<10	---	---	10
Endosulfan sulfate, ug/l	<20	---	---	20
Endrin Aldehyde, ug/l	<50	---	---	50
Butylbenzylphthalate, ug/l	<10	---	---	10
Bis(2-Ethylhexyl)phthalate, ug/l	<10	---	---	10
Chrysene, ug/l	<5.0	---	---	5.0
Benzo(a)anthracene, ug/l	<4.0	---	---	4.0
3,3'-Dichlorobenzidine, ug/l	<20	---	---	20
Di-n-octylphthalate, ug/l	<10	---	---	10
Benzo(b)fluoranthene, ug/l	<4.0	---	---	4.0
Benzo(k)fluoranthene, ug/l	<5.0	---	---	5.0
Benzo(a)pyrene, ug/l	<4.0	---	---	4.0
Indeno (1,2,3-cd)pyrene, ug/l	<5.0	---	---	5.0
Dibenz(a,h)anthracene, ug/l	<5.0	---	---	5.0
Benzo(g,h,i)perylene, ug/l	<10	---	---	10
N-Nitrosodimethylamine, ug/l	<10	---	---	10
Chlordane, ug/l	<50	---	---	50
Toxaphene, ug/l	<2000	---	---	2000
Aroclor-1016, ug/l	<500	---	---	500
Aroclor-1221, ug/l	<500	---	---	500
Aroclor-1232, ug/l	<500	---	---	500
Aroclor-1242, ug/l	<500	---	---	500
Aroclor-1248, ug/l	<500	---	---	500

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
71558-12	Lab Blank
71558-13	Accuracy - % Recovery (Mean)
71558-14	Precision - Relative % Difference
71558-15	Detection Limit

PARAMETER	71558-12	71558-13	71558-14	71558-15
Aroclor-1254, ug/l	<500	---	---	500
Aroclor-1260, ug/l	<500	---	---	500
2-Chlorophenol, ug/l	<10	78 %	3.8 %	10
2-Nitrophenol, ug/l	<10	---	---	10
Phenol, ug/l	<10	95 %	4.2 %	10
2,4-Dimethylphenol, ug/l	<10	---	---	10
2,4-Dichlorophenol, ug/l	<4.0	---	---	4.0
2,4,6-Trichlorophenol, ug/l	<10	---	---	10
4-Chloro-3-methylphenol, ug/l	<10	90 %	1.1 %	10
2,4-Dinitrophenol, ug/l	<30	---	---	30
2-Methyl-4,6-dinitrophenol, ug/l	<50	---	---	50
Pentachlorophenol, ug/l	<10	105 %	7.6 %	10
4-Nitrophenol, ug/l	<15	84 %	6.0 %	15
Benzyl alcohol, ug/l	<10	---	---	10
2-Methylphenol (o-cresol), ug/l	<10	---	---	10
4-Methylphenol (p-cresol), ug/l	<10	---	---	10
Benzoic acid, ug/l	<50	---	---	50
4-Chloroaniline, ug/l	<20	---	---	20
2-Methylnaphthalene, ug/l	<10	---	---	10
2,4,5-Trichlorophenol, ug/l	<10	---	---	10
2-Nitroaniline, ug/l	<50	---	---	50
3-Nitroaniline, ug/l	<50	---	---	50
Dibenzofuran, ug/l	<10	---	---	10

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
71558-12	Lab Blank
71558-13	Accuracy - % Recovery (Mean)
71558-14	Precision - Relative % Difference
71558-15	Detection Limit

PARAMETER	71558-12	71558-13	71558-14	71558-15
4-Nitroaniline, ug/l	<50	---	---	50
Surrogate - 2-Fluorophenol, ug/l	67 %	---	---	---
Surrogate - Phenol-5, ug/l	79 %	---	---	---
Surrogate - Nitrobenzene d-5, ug/l	86 %	---	---	---
Surrogate - 2-Fluorobiphenyl, ug/l	80 %	---	---	---
Surrogate - 2,4,6-Tribromophenol, ug/l	72 %	---	---	---
Surrogate - Terphenyl, ug/l	76 %	---	---	---
Date Extracted	07.03.96	---	---	---
Date Analyzed	07.08.96	---	---	---
Method Number	EPA 8270	---	---	---
Glycols (DAI)				
Propylene glycol, mg/l	<5.0	---	---	5.0
Ethylene Glycol, mg/l	<5.0	112 %	4.5 %	5.0
Diethylene Glycol, mg/l	<5.0	---	---	5.0
Triethylene Glycol, mg/l	<5.0	---	---	5.0
Tetraethylene Glycol, mg/l	<5.0	---	---	5.0
Date Analyzed	07.09.96	---	---	---
Method Number	8015-DAI	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 4 [illegible] 1

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Bill to Project # 869.58

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run Assembly Plant Pit #117	480.58	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MICHIGAN	Alan Fass, Mike Mueller	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland Bouck & Lee	Sven Pavlovics

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd., Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: 8260 (VOCs) / 8270 (SVOCs) Modified / RCRA 8015 (DRO) - Glycols

PAGE 1 OF 1

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED: HCl	8260 (VOCs)	8270 (SVOCs) Modified	RCRA 8015 (DRO) - Glycols	REMARKS
6/29/96	14:45		P117-TW1	✓				3	1	1		
6/29/96	14:30		P117-TW2	✓				3	1	1		
6/29/96	14:10		P117-TW3	✓				3	1	1		
6/29/96	13:50		P117-TW4	✓				3	1	1		
6/29/96	13:15		P117-TW5	✓				3	1	1		
6/29/96	13:05		P117-TW6	✓				3	1	1		
6/29/96	12:35		P117-TW7	✓				3	1	1		
6/29/96	12:15		P117-TW8	✓				3	1	1		
6/29/96	12:00		P117-TW9	✓				3	1	1		
6/29/96			P117-Equipment Blank	✓				3	1	1		
6/29/96			P117-DUP-TW	✓				3	1	1		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Phillip [illegible]	6-25-96		Alan J. Fass	7.1.96	19:10			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Alan J. Fass	6-26-96	10:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	7/2/96	9:30	☐ YES ☐ NO		D6711	

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LOG NO: D6-72187
Received: 19 SEP 96
Reported: 04 OCT 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: C. Denahan
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72187-1	MW-1-5	09-18-96/1344
72187-2	MW-6-5A	09-18-96/1248
72187-3	MW-7-3	09-18-96/1316

PARAMETER	72187-1	72187-2	72187-3
Lead (7421)			
Lead, mg/l	<0.0050	<0.0050	<0.0050
Date Analyzed	10.01.96	10.01.96	10.01.96
Method Number	EPA 7421	EPA 7421	EPA 7421
Lead (Dissolved)			
Lead (Dissolved), mg/l	<0.0050	<0.0050	<0.0050
Date Analyzed	10.01.96	10.01.96	10.02.96
Method Number	EPA 7421	EPA 7421	EPA 7421

SL SAVANNAH LABORATORIES
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Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: C. Denahan
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72187-4	MW-2-13	09-18-96/1212

PARAMETER	72187-4
Cadmium (7131)	
Cadmium, mg/l	0.0059
Date Analyzed	09.27.96
Method Number	EPA 7131
Cadmium (Dissolved)(7131)	
Cadmium (Dissolved), mg/l	0.00079
Date Analyzed	09.27.96
Method Number	EPA 7131
Lead (7421)	
Lead, mg/l	0.028
Date Analyzed	10.01.96
Method Number	EPA 7421
Lead (Dissolved)	
Lead (Dissolved), mg/l	0.018
Date Analyzed	10.01.96
Method Number	EPA 7421

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Sampled By: C. Denahan
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72187-5	MW-16-1	09-18-96/1126

PARAMETER	72187-5
Barium (6010)	
Barium, mg/l	0.63
Date Analyzed	09.24.96
Method Number	EPA 6010
Barium (Dissolved)	
Barium (Dissolved), mg/l	0.68
Date Analyzed	09.26.96
Method Number	EPA 6010
Lead (7421)	
Lead, mg/l	<0.0050
Date Analyzed	10.01.96
Method Number	EPA 7421
Lead (Dissolved)	
Lead (Dissolved), mg/l	<0.0050
Date Analyzed	09.27.96
Method Number	EPA 7421
Mercury (7470/7471)	
Mercury, mg/l	<0.00020
Date Analyzed	09.20.96
Method Number	EPA 7470
Mercury (Dissolved)	
Mercury (Dissolved), mg/l	<0.00020
Date Analyzed	09.20.96
Method Number	EPA 7470
Zinc (6010)	
Zinc, mg/l	<0.020
Date Analyzed	09.24.96
Method Number	EPA 6010

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Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: C. Denahan
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72187-5	MW-16-1	09-18-96/1126

PARAMETER	72187-5
Zinc (Dissolved)	
Zinc (Dissolved), mg/l	<0.020
Date Analyzed	09.24.96
Method Number	EPA 6010

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Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: C. Denahan
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72187-6	Eq Blk - Day 1	09-18-96/1040

PARAMETER	72187-6
Mercury (7470/7471)	
Mercury, mg/l	<0.00020
Date Analyzed	09.20.96
Method Number	EPA 7470

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Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: C. Denahan
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
72187-7	Dup - Day 1	09-18-96

PARAMETER	72187-7
Barium (6010)	
Barium, mg/l	0.71
Date Analyzed	09.26.96
Method Number	EPA 6010
Barium (Dissolved)	
Barium (Dissolved), mg/l	0.66
Date Analyzed	09.26.96
Method Number	EPA 6010
Cadmium (7131)	
Cadmium, mg/l	<0.0010
Date Analyzed	09.27.96
Method Number	EPA 7131
Cadmium (Dissolved)(7131)	
Cadmium (Dissolved), mg/l	<0.0010
Date Analyzed	09.27.96
Method Number	EPA 7131
Lead (7421)	
Lead, mg/l	<0.0050
Date Analyzed	09.27.96
Method Number	EPA 7421
Lead (Dissolved)	
Lead (Dissolved), mg/l	<0.0050
Date Analyzed	09.27.96
Method Number	EPA 7421
Mercury (7470/7471)	
Mercury, mg/l	<0.00020
Date Analyzed	09.20.96
Method Number	EPA 7470

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185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: C. Denahan
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
72187-7	Dup - Day 1	09-18-96

PARAMETER	72187-7
Mercury (Dissolved)	
Mercury (Dissolved), mg/l	<0.00020
Date Analyzed	09.20.96
Method Number	EPA 7470
Zinc (6010)	
Zinc, mg/l	<0.020
Date Analyzed	09.26.96
Method Number	EPA 6010
Zinc (Dissolved)	
Zinc (Dissolved), mg/l	<0.020
Date Analyzed	09.26.96
Method Number	EPA 6010

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Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: C. Denahan
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
72187-8	Lab Blank
72187-9	Accuracy - % Recovery (Mean)
72187-10	Precision - Relative % Difference
72187-11	Detection Limit

PARAMETER	72187-8	72187-9	72187-10	72187-11
Barium (6010)				
Barium, mg/l	<0.010	110 %	8.2 %	0.010
Date Analyzed	09.26.96	---	---	---
Method Number	EPA 6010	---	---	---
Cadmium (7131)				
Cadmium, mg/l	<0.00025	88 %	2.3 %	0.00025
Date Analyzed	09.27.96	---	---	---
Method Number	EPA 7131	---	---	---
Lead (7421)				
Lead, mg/l	<0.0050	120 %*F75	3.3 %	0.0050
Date Analyzed	10.01.96	---	---	---
Method Number	EPA 7421	---	---	---
Mercury (7470/7471)				
Mercury, mg/l	<0.00020	90 %	0 %	0.00020
Date Analyzed	09.20.96	---	---	---
Method Number	EPA 7470	---	---	---
Zinc (6010)				
Zinc, mg/l	<0.020	95 %	0 %	0.020
Date Analyzed	09.24.96	---	---	---
Method Number	EPA 6010	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.
*F75 = Matrix spike recoveries were outside advisory limits possibly due to matrix interference present in the sample; therefore, recovery of the laboratory control standard analyzed concurrently with the sample batch has been reported.

Serial Number 01545

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (305) 421-7400 — Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (205) 666-6633 — Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 110 Alpha Drive, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	48050	48050

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Denahan / Carol Denahan	561-750-3733	561-395-1695

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd, Boca Raton, FL 33431

PAGE 1 OF 1

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	MATRIX: AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	Hg by 7470 HNO3	Diss Hg by 7470 HNO3	Total Pb by 7420 HNO3	Diss Pb by 7420 HNO3	Total Cd by 7131 HNO3	Diss Cd by 7131 HNO3	Total Ba by 6010 HNO3	Diss Ba by 6010 HNO3	Total Zn by 6010 HNO3	Diss Zn by 6010 HNO3	Containers	REMARKS
9/18/96	1040		EQ BLK - Day 1	✓				1	1									Total 2	
9/18/96	—		Dup - Day 1	✓				1	1	1	1	1	1	1	1	1	1	Total 4	
9/18/96	1344		MW-1-5	✓						1	1							Total 2	
9/18/96	1248		MW6-5A	✓						1	1							Total 2	
9/18/96	B16		MW-7-3	✓						1	1							Total 2	
9/18/96	1212		MW-2-13	✓						1	1	1	1					Total 2	
9/18/96	1126		MW-16-1	✓				1	1	1	1			1	1	1	1	Total 4	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	9/19/96		Carol Denahan TO FED EX	9/18/96	1800			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Carol Denahan FRS	9/17/96	1000						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	9/19/96	9:30	☐ YES ☐ NO		D6218?	

ORIGINAL

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES. INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72215
Received: 21 SEP 96
Reported: 07 OCT 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: CD/MM
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72215-1	MW-1-5	09-19-96/1039
72215-2	MW-6-5A	09-19-96/0941
72215-3	MW-7-3	09-19-96/1012

PARAMETER	72215-1	72215-2	72215-3
Lead (7421)			
Lead, mg/l	<0.0050	<0.0050	<0.0050
Date Analyzed	10.01.96	10.01.96	10.01.96
Method Number	EPA 7421	EPA 7421	EPA 7421
Lead (Dissolved)			
Lead (Dissolved), mg/l	<0.0050	<0.0050	<0.0050
Date Analyzed	10.01.96	10.01.96	10.03.96
Method Number	EPA 7421	EPA 7421	EPA 7421

SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72215
Received: 21 SEP 96
Reported: 07 OCT 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: CD/MM
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72215-4	MW-2-13	09-19-96/0907

PARAMETER	72215-4
Cadmium (7131)	
Cadmium, mg/l	0.0021
Date Analyzed	09.27.96
Method Number	EPA 7131
Cadmium (Dissolved)(7131)	
Cadmium (Dissolved), mg/l	0.00057
Date Analyzed	09.27.96
Method Number	EPA 7131
Lead (7421)	
Lead, mg/l	0.0070
Date Analyzed	10.01.96
Method Number	EPA 7421
Lead (Dissolved)	
Lead (Dissolved), mg/l	<0.0050
Date Analyzed	10.03.96
Method Number	EPA 7421

SL SAVANNAH LABORATORIES
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LOG NO: D6-72215
Received: 21 SEP 96
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Ms. Barbara Sullivan
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185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: CD/MM
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72215-5	MW-16-1	09-19-96/0831

PARAMETER	72215-5
Barium (6010)	
Barium, mg/l	0.65
Date Analyzed	09.24.96
Method Number	EPA 6010
Barium (Dissolved)	
Barium (Dissolved), mg/l	0.67
Date Analyzed	09.24.96
Method Number	EPA 6010
Lead (7421)	
Lead, mg/l	<0.0050
Date Analyzed	10.03.96
Method Number	EPA 7421
Lead (Dissolved)	
Lead (Dissolved), mg/l	<0.0050
Date Analyzed	10.03.96
Method Number	EPA 7421
Mercury (7470/7471)	
Mercury, mg/l	<0.00020
Date Analyzed	09.24.96
Method Number	EPA 7470
Mercury (Dissolved)	
Mercury (Dissolved), mg/l	<0.00020
Date Analyzed	09.24.96
Method Number	EPA 7470
Zinc (6010)	
Zinc, mg/l	<0.020
Date Analyzed	09.24.96
Method Number	EPA 6010

SL SAVANNAH LABORATORIES
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LOG NO: D6-72215
Received: 21 SEP 96
Reported: 07 OCT 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: CD/MM
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72215-5	MW-16-1	09-19-96/0831

PARAMETER	72215-5
Zinc (Dissolved)	
Zinc (Dissolved), mg/l	<0.020
Date Analyzed	09.24.96
Method Number	EPA 6010

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LOG NO: D6-72215
Received: 21 SEP 96
Reported: 07 OCT 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: CD/MM
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
72215-6	DUP - Day 2	09-19-96

PARAMETER	72215-6
Cadmium (7131)	
Cadmium, mg/l	0.0014
Date Analyzed	09.27.96
Method Number	EPA 7131
Cadmium (Dissolved)(7131)	
Cadmium (Dissolved), mg/l	0.00038J
Date Analyzed	09.27.96
Method Number	EPA 7131
Lead (7421)	
Lead, mg/l	<0.0050
Date Analyzed	10.03.96
Method Number	EPA 7421
Lead (Dissolved)	
Lead (Dissolved), mg/l	<0.0050
Date Analyzed	10.03.96
Method Number	EPA 7421

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LOG NO: D6-72215
Received: 21 SEP 96
Reported: 07 OCT 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: CD/MM
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72215-7	EQ Blk - Day 2	09-19-96/0755

PARAMETER	72215-7
Cadmium (7131)	
Cadmium, mg/l	<0.00025
Date Analyzed	09.27.96
Method Number	EPA 7131
Lead (7421)	
Lead, mg/l	<0.0050
Date Analyzed	10.03.96
Method Number	EPA 7421

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LOG NO: D6-72215
Received: 21 SEP 96
Reported: 07 OCT 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: CD/MM
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
72215-8	Lab Blank
72215-9	Accuracy - % Recovery (Mean)
72215-10	Precision - Relative % Difference
72215-11	Detection Limit

PARAMETER	72215-8	72215-9	72215-10	72215-11
Barium (6010)				
Barium, mg/l	<0.010	96 %	1.0 %	0.010
Date Analyzed	09.24.96	---	---	---
Method Number	EPA 6010	---	---	---
Cadmium (7131)				
Cadmium, mg/l	<0.00025	96 %	5.2 %	0.00025
Date Analyzed	09.27.96	---	---	---
Method Number	EPA 7131	---	---	---
Lead (7421)				
Lead, mg/l	<0.0050	107 %	5.6 %	0.0050
Date Analyzed	10.01.96	---	---	---
Method Number	EPA 7421	---	---	---
Mercury (7470/7471)				
Mercury, mg/l	<0.00020	102 %	4.9 %	0.00020
Date Analyzed	09.24.96	---	---	---
Method Number	EPA 7470	---	---	---
Zinc (6010)				
Zinc, mg/l	<0.020	95 %	0 %	0.020
Date Analyzed	09.24.96	---	---	---
Method Number	EPA 6010	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 01544

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 110 Alpha Drive, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	48050	48050

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Denahan / Mueller	561-750-3733	561-395-6715

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) ✓ | SOLID OR SEMISOL ID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES — PAGE 1 OF 1

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	Ba by 6010 total HNO3	Ba by 6010 diss. HNO3	Cd by 7131 total HNO3	Cd by 7131 diss. HNO3	Pb by 7420 total HNO3	Pb by 7420 diss. HNO3	Hg by 7470 total HNO3	Hg by 7470 diss. HNO3	Zn by 6010 total HNO3	Zn by 6010 diss HNO3	Total Containers	REMARKS
9/19/96	0755		EQ BLK - day 2			1	1	1	1					2	
9/19/96	—		Dup. - day 2			1	1	1	1					2	
9/19/96	1020		MW-1-5					1	1					2	
9/19/96	0941		MW-6-5A					1	1					2	
9/19/96	1012		MW-7-3					1	1					2	
9/19/96	0907		MW-2-13			1	1	1	1					2	
9/19/96	0831		MW16-1	1	1			1	1	1	1	1	1	4	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Carolyn [illegible]	9/16/96		Carol Denahan to FED EX	9/19/96				
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Carol Denahan RS	9/17/96	1000						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Carolyn [illegible]			☐ YES ☐ NO		D67225	

ORIGINAL

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72216
Received: 21 SEP 96
Reported: 08 OCT 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: CD/MM
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72216-1	MW-1-5	09-20-96/1043
72216-2	MW-6-5A	09-20-96/0953
72216-3	MW-7-3	09-20-96/1018

PARAMETER	72216-1	72216-2	72216-3
Lead (7421)			
Lead, mg/l	<0.0050	<0.0050	<0.0050
Date Analyzed	10.02.96	10.02.96	10.02.96
Method Number	EPA 7421	EPA 7421	EPA 7421
Lead (Dissolved)			
Lead (Dissolved), mg/l	<0.0050	<0.0050	<0.0050
Date Analyzed	10.01.96	10.01.96	10.02.96
Method Number	EPA 7421	EPA 7421	EPA 7421

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72216
Received: 21 SEP 96
Reported: 08 OCT 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: CD/MM
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72216-4	MW-2-13	09-20-96/0920

PARAMETER	72216-4
Cadmium (7131)	
Cadmium, mg/l	0.0021
Date Analyzed	09.27.96
Method Number	EPA 7131
Cadmium (Dissolved)(7131)	
Cadmium (Dissolved), mg/l	0.00066
Date Analyzed	09.27.96
Method Number	EPA 7131
Lead (7421)	
Lead, mg/l	0.0070
Date Analyzed	10.03.96
Method Number	EPA 7421
Lead (Dissolved)	
Lead (Dissolved), mg/l	<0.0050
Date Analyzed	10.03.96
Method Number	EPA 7421

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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LOG NO: D6-72216
Received: 21 SEP 96
Reported: 08 OCT 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: CD/MM
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72216-5	MW-16-1	09-20-96/0847

PARAMETER	72216-5
Barium (6010)	
Barium, mg/l	0.66
Date Analyzed	09.24.96
Method Number	EPA 6010
Barium (Dissolved)	
Barium (Dissolved), mg/l	0.63
Date Analyzed	09.24.96
Method Number	EPA 6010
Lead (7421)	
Lead, mg/l	<0.0050
Date Analyzed	10.03.96
Method Number	EPA 7421
Lead (Dissolved)	
Lead (Dissolved), mg/l	<0.0050
Date Analyzed	10.03.96
Method Number	EPA 7421
Mercury (7470/7471)	
Mercury, mg/l	0.00020
Date Analyzed	09.24.96
Method Number	EPA 7470
Mercury (Dissolved)	
Mercury (Dissolved), mg/l	<0.00020
Date Analyzed	09.24.96
Method Number	EPA 7470
Zinc (6010)	
Zinc, mg/l	<0.020
Date Analyzed	09.24.96
Method Number	EPA 6010

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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LOG NO: D6-72216
Received: 21 SEP 96
Reported: 08 OCT 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: CD/MM
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72216-5	MW-16-1	09-20-96/0847

PARAMETER	72216-5
Zinc (Dissolved)	
Zinc (Dissolved), mg/l	<0.020
Date Analyzed	09.24.96
Method Number	EPA 6010

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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LOG NO: D6-72216
Received: 21 SEP 96
Reported: 08 OCT 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: CD/MM
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72216-6	Eq Blk - Day 3	09-20-96/0817

PARAMETER	72216-6
Barium (6010)	
Barium, mg/l	<0.010
Date Analyzed	10.02.96
Method Number	EPA 6010
Lead (7421)	
Lead, mg/l	<0.0050
Date Analyzed	10.04.96
Method Number	EPA 7421
Zinc (6010)	
Zinc, mg/l	<0.020
Date Analyzed	10.02.96
Method Number	EPA 6010

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72216
Received: 21 SEP 96
Reported: 08 OCT 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48050

Project: #480.50 (Willow Run)
Sampled By: CD/MM
Code: 12587066

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
72216-7	Lab Blank
72216-8	Accuracy - % Recovery (Mean)
72216-9	Precision - Relative % Difference
72216-10	Detection Limit

PARAMETER	72216-7	72216-8	72216-9	72216-10
Barium (6010)				
Barium, mg/l	<0.010	96 %	1.0 %	0.010
Date Analyzed	09.24.96	---	---	---
Method Number	EPA 6010	---	---	---
Cadmium (7131)				
Cadmium, mg/l	<0.00025	96 %	5.2 %	0.00025
Date Analyzed	09.27.96	---	---	---
Method Number	EPA 7131	---	---	---
Lead (7421)				
Lead, mg/l	<0.0050	82 %	1.2 %	0.0050
Date Analyzed	10.02.96	---	---	---
Method Number	EPA 7421	---	---	---
Mercury (7470/7471)				
Mercury, mg/l	<0.00020	102 %	4.9 %	0.00020
Date Analyzed	09.24.96	---	---	---
Method Number	EPA 7470	---	---	---
Zinc (6010)				
Zinc, mg/l	<0.020	95 %	0 %	0.020
Date Analyzed	09.24.96	---	---	---
Method Number	EPA 6010	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 01543

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
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☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 110 Alpha Drive, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	48060	48050

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Denahan/Mueller	561-750-3733	561-395-6715

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 1985 Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) ✓ | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES

PAGE 1 OF 1

☒ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	Ba by 6010 Total	Ba by 6010 diss.	Cd by 7131 Total	Cd by 7131 diss.	Pb by 7420 total	Pb by 7420 diss.	Hg by 7470 total	Hg by 7470 diss.	Zn by 6010 total	Zn by 6010 diss.	Total Containers	REMARKS
				HNO3	HNO3	HNO3	HNO3	HNO3	HNO3	HNO3	HNO3	HNO3	HNO3		
				NUMBER OF CONTAINERS SUBMITTED											
9/20/96	0817		EQ BLK - day 3	1	1			1	1			1	1	2	
9/20/96	1043		MW-1-5					1	1					2	
9/20/96	0953		MW-6-5A					1	1					2	
9/20/96	1018		MW-7-3					1	1					2	
9/20/96	0920		MW-2-13			1	1	1	1					2	
9/20/96	0847		MW-6-1	1	1			1	1	1	1	1	1	4	

ORIGINAL

Phase III Extent of Contamination Study

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES. INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70875
Received: 13 APR 96
Reported: 02 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: MM/TT

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
70875-1	SB-2-12A 1-3'
70875-2	SB-2-12A 5-7
70875-3	SB-2-12A 7-9'
70875-4	SB-2-12A 9-11'
70875-5	SB-Duplicate #11

PARAMETER	70875-1	70875-2	70875-3	70875-4	70875-5
Lead					
Lead, mg/kg dw	640	1400*F23	7.4	7.2	5.8
Date Analyzed	04.17.96	04.30.96	04.18.96	04.18.96	04.18.96
Method Number	EPA 7421	EPA 6010	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	87	89	87	86	88

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
70875-6	SB-2-27 1-3'
70875-7	SB-2-27 3-5'
70875-8	SB-2-27 5-7'
70875-9	SB-2-27 7-9'
70875-10	SB-2-27 9-11'

PARAMETER	70875-6	70875-7	70875-8	70875-9	70875-10
Lead					
Lead, mg/kg dw	58	33	240	75	370
Date Analyzed	04.19.96	04.19.96	04.19.96	04.19.96	04.19.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	93	92	91	92	89

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
70875-11	SB-2-27 11-13'
70875-12	SB-Duplicate #5
70875-13	SB-2-18 1-3'
70875-14	SB-2-18 3-5'
70875-15	SB-2-18 5-7'

PARAMETER	70875-11	70875-12	70875-13	70875-14	70875-15
Lead					
Lead, mg/kg dw	1200	190	3.4	4.9	1.8
Date Analyzed	04.30.96	04.18.96	04.18.96	04.18.96	04.18.96
Method Number	EPA 6010	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	86	90	95	94	96

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
70875-16	SB-2-18 7-9'
70875-17	Duplicate #10
70875-18	SB-2-21 1-3'
70875-19	SB-2-21 3-5'
70875-20	SB-2-21 5-7'

PARAMETER	70875-16	70875-17	70875-18	70875-19	70875-20
Lead					
Lead, mg/kg dw	2.2	2.4	120	330	25
Date Analyzed	04.18.96	04.18.96	05.07.96	05.07.96	04.19.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	90	91	91	92	91

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
70875-21	SB-2-21 7-9'
70875-22	SB-2-21 9-11'
70875-23	Duplicate #22
70875-24	SB-2-19 1-3'
70875-25	SB-2-19 3-5'

PARAMETER	70875-21	70875-22	70875-23	70875-24	70875-25
Lead					
Lead, mg/kg dw	32	24	14	8.6	9.1
Date Analyzed	04.19.96	04.19.96	05.07.96	04.17.96	04.17.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	94	89	88	93	91

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
70875-26	SB-2-19 5-7'
70875-27	Duplicate #12
70875-28	SB-2-20 1-3'
70875-29	SB-2-20 3-5'
70875-30	SB-2-20 5-7'

PARAMETER	70875-26	70875-27	70875-28	70875-29	70875-30
Lead					
Lead, mg/kg dw	7.4	4.1	22	13	5.6
Date Analyzed	04.18.96	04.17.96	04.19.96	04.19.96	04.18.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	90	88	91	96	89

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
70875-31	SB-2-20 7-9'
70875-32	Duplicate #15
70875-33	SB-2-29 1-3'
70875-34	SB-2-29 3-5'
70875-35	SB-2-29 5-7'

PARAMETER	70875-31	70875-32	70875-33	70875-34	70875-35
Lead					
Lead, mg/kg dw	3.9	3.1	7.0	14	4.0
Date Analyzed	04.18.96	04.17.96	04.19.96	04.19.96	04.19.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	82	81	91	91	89

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
70875-36	SB-2-29 7-9'
70875-37	Duplicate #18
70875-38	SB-2-17 1-3'
70875-39	SB-2-17 3-5'
70875-40	SB-2-17 5-7'

PARAMETER	70875-36	70875-37	70875-38	70875-39	70875-40
Lead					
Lead, mg/kg dw	5.2	6.0	18	4.9	3.9
Date Analyzed	04.19.96	04.17.96	04.23.96	04.18.96	04.18.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	88	89	92	94	89

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
70875-41	SB-2-17 7-9'
70875-42	Duplicate #21
70875-43	SB-2-5A 1-3'
70875-44	SB-2-5A 3-5'
70875-45	SB-2-5A 5-7'

PARAMETER	70875-41	70875-42	70875-43	70875-44	70875-45
Lead					
Lead, mg/kg dw	4.6	12	5000*F23	8800*F23	40000*F23
Date Analyzed	04.18.96	04.18.96	04.30.96	04.30.96	04.30.96
Method Number	EPA 7421	EPA 7421	EPA 6010	EPA 6010	EPA 6010
Percent Solids, %	86	84	85	78	81

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
70875-46	SB-2-5A 7-9'
70875-47	SB-2-5A 9-11'
70875-48	Duplicate #2

PARAMETER	70875-46	70875-47	70875-48
Lead			
Lead, mg/kg dw	510	1200*F23	81000*F23
Date Analyzed	04.18.96	04.30.96	04.30.96
Method Number	EPA 7421	EPA 6010	EPA 6010
Percent Solids, %	90	86	81

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70875-49	Equipment Blank	04-11-96

PARAMETER	70875-49				
Semivolatile Organics (8270)					
1,3-Dichlorobenzene, ug/l	<10				
1,4-Dichlorobenzene, ug/l	<10				
Hexachloroethane, ug/l	<10				
Bis(2-Chloroethyl)ether, ug/l	<10				
1,2-Dichlorobenzene, ug/l	<10				
Bis(2-chloroisopropyl)ether, ug/l	<10				
N-Nitrosodi-N-Propylamine, ug/l	<10				
Nitrobenzene, ug/l	<10				
Hexachlorobutadiene, ug/l	<10				
1,2,4-Trichlorobenzene, ug/l	<10				
Isophorone, ug/l	<10				
Naphthalene, ug/l	<5.0				
Bis(2-Chloroethoxy)methane, ug/l	<10				
Hexachlorocyclopentadiene, ug/l	<10				
2-Chloronaphthalene, ug/l	<10				
Acenaphthylene, ug/l	<10				
Acenaphthene, ug/l	<10				
Dimethylphthalate, ug/l	<10				
2,6-Dinitrotoluene, ug/l	<10				
Fluorene, ug/l	<10				
4-Chlorophenyl-phenyl ether, ug/l	<10				
2,4-Dinitrotoluene, ug/l	<10				
Diethylphthalate, ug/l	<10				
N-Nitrosodiphenylamine/diphenylamine, ug/l	<10				
Hexachlorobenzene, ug/l	<10				

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70875-49	Equipment Blank	04-11-96

PARAMETER	70875-49		
Gamma-BHC, ug/l	<10		
4-Bromophenyl-phenyl-ether, ug/l	<10		
Delta-BHC, ug/l	<10		
Phenanthrene, ug/l	<10		
Anthracene, ug/l	<10		
Beta-BHC, ug/l	<10		
Heptachlor, ug/l	<20		
Alpha-BHC, ug/l	<10		
Aldrin, ug/l	<10		
Di-n-butylphthalate, ug/l	<10		
Heptachlor epoxide, ug/l	<20		
Endosulfan I, ug/l	<20		
Fluoranthene, ug/l	<10		
Dieldrin, ug/l	<10		
4,4'-DDE, ug/l	<10		
Pyrene, ug/l	<10		
Endrin, ug/l	<20		
Endosulfan II, ug/l	<20		
4,4'-DDD, ug/l	<10		
Benzidine, ug/l	<80		
4,4'-DDT, ug/l	<10		
Endosulfan sulfate, ug/l	<20		
Endrin Aldehyde, ug/l	<50		
Butylbenzylphthalate, ug/l	<10		
Bis(2-Ethylhexyl)phthalate, ug/l	<10		
Chrysene, ug/l	<5.0		

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LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70875-49	Equipment Blank	04-11-96

PARAMETER	70875-49
Benzo(a)anthracene, ug/l	<4.0
3,3'-Dichlorobenzidine, ug/l	<20
Di-n-octylphthalate, ug/l	<10
Benzo(b)fluoranthene, ug/l	<4.0
Benzo(k)fluoranthene, ug/l	<5.0
Benzo(a)pyrene, ug/l	<4.0
Indeno (1,2,3-cd)pyrene, ug/l	<5.0
Dibenz(a,h)anthracene, ug/l	<5.0
Benzo(g,h,i)perylene, ug/l	<10
N-Nitrosodimethylamine, ug/l	<10
Chlordane, ug/l	<50
Toxaphene, ug/l	<2000
Aroclor-1016, ug/l	<500
Aroclor-1221, ug/l	<500
Aroclor-1232, ug/l	<500
Aroclor-1242, ug/l	<500
Aroclor-1248, ug/l	<500
Aroclor-1254, ug/l	<500
Aroclor-1260, ug/l	<500
2-Chlorophenol, ug/l	<10
2-Nitrophenol, ug/l	<10
Phenol, ug/l	<10
2,4-Dimethylphenol, ug/l	<10
2,4-Dichlorophenol, ug/l	<10
2,4,6-Trichlorophenol, ug/l	<10
4-Chloro-3-methylphenol, ug/l	<10

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LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70875-49	Equipment Blank	04-11-96

PARAMETER	70875-49
2,4-Dinitrophenol, ug/l	<50
2-Methyl-4,6-dinitrophenol, ug/l	<50
Pentachlorophenol, ug/l	<20
4-Nitrophenol, ug/l	<50
Benzyl alcohol, ug/l	<10
2-Methylphenol (o-cresol), ug/l	<10
4-Methylphenol (p-cresol), ug/l	<10
Benzoic acid, ug/l	<50
4-Chloroaniline, ug/l	<20
2-Methylnaphthalene, ug/l	<10
2,4,5-Trichlorophenol, ug/l	<10
2-Nitroaniline, ug/l	<50
3-Nitroaniline, ug/l	<50
Dibenzofuran, ug/l	<10
4-Nitroaniline, ug/l	<50
Date Extracted	04.15.96
Date Analyzed	04.17.96
Method Number	EPA 8270
Dilution factor	1

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70875-50	SB-16-1 8-10	04-11-96
70875-51	SB-16 Duplicate	04-11-96
70875-52	SB-16-2 8-10'	04-11-96
70875-53	SB-16-3 8-10'	04-11-96
70875-54	SB-16-4 8-10'	04-11-96

PARAMETER	70875-50	70875-51	70875-52	70875-53	70875-54
Semivolatile Organics (8270)					
1,3-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
1,4-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Hexachloroethane, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-Chloroethyl)ether, ug/kg dw	<330	<330	<330	<330	<330
1,2-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-chloroisopropyl)ether , ug/kg dw	<330	<330	<330	<330	<330
N-Nitrosodi-N-Propylamine, ug/kg dw	<330	<330	<330	<330	<330
Nitrobenzene, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorobutadiene, ug/kg dw	<330	<330	<330	<330	<330
1,2,4-Trichlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Isophorone, ug/kg dw	<330	<330	<330	<330	<330
Naphthalene, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-Chloroethoxy)methane, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorocyclopentadiene, ug/kg dw	<330	<330	<330	<330	<330
2-Chloronaphthalene, ug/kg dw	<330	<330	<330	<330	<330
Acenaphthylene, ug/kg dw	<330	<330	<330	<330	<330
Acenaphthene, ug/kg dw	<330	<330	<330	<330	<330

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70875-50	SB-16-1 8-10	04-11-96
70875-51	SB-16 Duplicate	04-11-96
70875-52	SB-16-2 8-10'	04-11-96
70875-53	SB-16-3 8-10'	04-11-96
70875-54	SB-16-4 8-10'	04-11-96

PARAMETER	70875-50	70875-51	70875-52	70875-53	70875-54
Dimethylphthalate, ug/kg dw	<330	<330	<330	<330	<330
2,6-Dinitrotoluene, ug/kg dw	<330	<330	<330	<330	<330
Fluorene, ug/kg dw	<330	<330	<330	<330	<330
4-Chlorophenyl-phenyl ether, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dinitrotoluene, ug/kg dw	<330	<330	<330	<330	<330
Diethylphthalate, ug/kg dw	<330	<330	<330	<330	<330
N-Nitrosodiphenylamine/diphenylamine, ug/kg dw	<330	<330	<330	<330	<330
Hexachlorobenzene, ug/kg dw	<330	<330	<330	<330	<330
Gamma-BHC, ug/kg dw	<330	<330	<330	<330	<330
4-Bromophenyl-phenyl-ether, ug/kg dw	<330	<330	<330	<330	<330
Delta-BHC, ug/kg dw	<330	<330	<330	<330	<330
Phenanthrene, ug/kg dw	<330	<330	<330	<330	✓340
Anthracene, ug/kg dw	<330	<330	<330	<330	<330
Beta-BHC, ug/kg dw	<330	<330	<330	<330	<330
Heptachlor, ug/kg dw	<660	<660	<660	<660	<660
Alpha-BHC, ug/kg dw	<330	<330	<330	<330	<330
Aldrin, ug/kg dw	<330	<330	<330	<330	<330
Di-n-butylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Heptachlor epoxide, ug/kg dw	<660	<660	<660	<660	<660

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70875
Received: 13 APR 96
Reported: 02 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: MM/TT

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70875-50	SB-16-1 8-10	04-11-96
70875-51	SB-16 Duplicate	04-11-96
70875-52	SB-16-2 8-10'	04-11-96
70875-53	SB-16-3 8-10'	04-11-96
70875-54	SB-16-4 8-10'	04-11-96

PARAMETER	70875-50	70875-51	70875-52	70875-53	70875-54
Endosulfan I, ug/kg dw	<660	<660	<660	<660	<660
Fluoranthene, ug/kg dw	<330	<330	<330	<330	<330
Dieldrin, ug/kg dw	<330	<330	<330	<330	<330
4,4'-DDE, ug/kg dw	<330	<330	<330	<330	<330
Pyrene, ug/kg dw	<330	<330	<330	<330	<330
Endrin, ug/kg dw	<660	<660	<660	<660	<660
Endosulfan II, ug/kg dw	<660	<660	<660	<660	<660
4,4'-DDD, ug/kg dw	<330	<330	<330	<330	<330
Benzidine, ug/kg dw	<2700	<2700	<2700	<2700	<2700
4,4'-DDT, ug/kg dw	<330	<330	<330	<330	<330
Endosulfan sulfate, ug/kg dw	<660	<660	<660	<660	<660
Endrin Aldehyde, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Butylbenzylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Bis(2-Ethylhexyl)phthalate, ug/kg dw	<330	<330	<330	<330	<330
Chrysene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(a)anthracene, ug/kg dw	<330	<330	<330	<330	<330
3,3'-Dichlorobenzidine, ug/kg dw	<660	<660	<660	<660	<660
Di-n-octylphthalate, ug/kg dw	<330	<330	<330	<330	<330
Benzo(b)fluoranthene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(k)fluoranthene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(a)pyrene, ug/kg dw	<330	<330	<330	<330	<330

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Project: #869.50 (Willow Run)
Sampled By: MM/TT

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70875-50	SB-16-1 8-10	04-11-96
70875-51	SB-16 Duplicate	04-11-96
70875-52	SB-16-2 8-10'	04-11-96
70875-53	SB-16-3 8-10'	04-11-96
70875-54	SB-16-4 8-10'	04-11-96

PARAMETER	70875-50	70875-51	70875-52	70875-53	70875-54
Indeno (1,2,3-cd)pyrene, ug/kg dw	<330	<330	<330	<330	<330
Dibenz(a,h)anthracene, ug/kg dw	<330	<330	<330	<330	<330
Benzo(g,h,i)perylene, ug/kg dw	<330	<330	<330	<330	<330
N-Nitrosodimethylamine, ug/kg dw	<330	<330	<330	<330	<330
Chlordane, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Toxaphene, ug/kg dw	<67000	<67000	<67000	<67000	<67000
Aroclor-1016, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1221, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1232, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1242, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1248, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1254, ug/kg dw	<17000	<17000	<17000	<17000	<17000
Aroclor-1260, ug/kg dw	<17000	<17000	<17000	<17000	<17000
2-Chlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2-Nitrophenol, ug/kg dw	<330	<330	<330	<330	<330
Phenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dimethylphenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2,4,6-Trichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
4-Chloro-3-methylphenol, ug/kg dw	<330	<330	<330	<330	<330
2,4-Dinitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700
2-Methyl-4,6-dinitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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Received: 13 APR 96
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Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: MM/TT

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70875-50	SB-16-1 8-10	04-11-96
70875-51	SB-16 Duplicate	04-11-96
70875-52	SB-16-2 8-10'	04-11-96
70875-53	SB-16-3 8-10'	04-11-96
70875-54	SB-16-4 8-10'	04-11-96

PARAMETER	70875-50	70875-51	70875-52	70875-53	70875-54
Pentachlorophenol, ug/kg dw	<660	<660	<660	<660	<660
4-Nitrophenol, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Benzyl alcohol, ug/kg dw	<330	<330	<330	<330	<330
2-Methylphenol (o-cresol), ug/kg dw	<330	<330	<330	<330	<330
4-Methylphenol (p-cresol), ug/kg dw	<330	<330	<330	<330	<330
Benzoic acid, ug/kg dw	<1700	<1700	<1700	<1700	<1700
4-Chloroaniline, ug/kg dw	<660	<660	<660	<660	<660
1-Methylnaphthalene, ug/kg dw	<330	<330	<330	<330	<330
2-Methylnaphthalene, ug/kg dw	<330	<330	<330	<330	<330
2,4,5-Trichlorophenol, ug/kg dw	<330	<330	<330	<330	<330
2-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
3-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Dibenzofuran, ug/kg dw	<330	<330	<330	<330	<330
4-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700	<1700
Date Extracted	04.17.96	04.17.96	04.17.96	04.17.96	04.17.96
Date Analyzed	04.18.96	04.18.96	04.18.96	04.18.96	04.18.96
Method Number	EPA 8270	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Dilution factor	1	1	1	1	1
Percent Solids, %	85	91	91	90	87

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Project: #869.50 (Willow Run)
Sampled By: MM/TT

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70875-55	SB-3-5 8-10'	04-12-96
70875-56	SB-3-6 8-10'	04-12-96
70875-57	SB-3-7 10-12'	04-12-96
70875-58	SB-3-8 10-12'	04-12-96

PARAMETER	70875-55	70875-56	70875-57	70875-58
Semivolatile Organics (8270)				
1,3-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330
1,4-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330
Hexachloroethane, ug/kg dw	<330	<330	<330	<330
Bis(2-Chloroethyl)ether, ug/kg dw	<330	<330	<330	<330
1,2-Dichlorobenzene, ug/kg dw	<330	<330	<330	<330
Bis(2-chloroisopropyl)ether, ug/kg dw	<330	<330	<330	<330
N-Nitrosodi-N-Propylamine, ug/kg dw	<330	<330	<330	<330
Nitrobenzene, ug/kg dw	<330	<330	<330	<330
Hexachlorobutadiene, ug/kg dw	<330	<330	<330	<330
1,2,4-Trichlorobenzene, ug/kg dw	<330	<330	<330	<330
Isophorone, ug/kg dw	<330	<330	<330	<330
Naphthalene, ug/kg dw	<330	<330	✓2200	✓7300
Bis(2-Chloroethoxy)methane, ug/kg dw	<330	<330	<330	<330
Hexachlorocyclopentadiene, ug/kg dw	<330	<330	<330	<330
2-Chloronaphthalene, ug/kg dw	<330	<330	<330	<330
Acenaphthylene, ug/kg dw	<330	<330	<330	<330
Acenaphthene, ug/kg dw	<330	<330	<330	<330
Dimethylphthalate, ug/kg dw	<330	<330	<330	<330
2,6-Dinitrotoluene, ug/kg dw	<330	<330	<330	<330
Fluorene, ug/kg dw	✓340	<330	<330	<330
4-Chlorophenyl-phenyl ether, ug/kg dw	<330	<330	<330	<330
2,4-Dinitrotoluene, ug/kg dw	<330	<330	<330	<330

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70875-55	SB-3-5 8-10'	04-12-96
70875-56	SB-3-6 8-10'	04-12-96
70875-57	SB-3-7 10-12'	04-12-96
70875-58	SB-3-8 10-12'	04-12-96

PARAMETER	70875-55	70875-56	70875-57	70875-58
Diethylphthalate, ug/kg dw	<330	<330	<330	<330
N-Nitrosodiphenylamine/diphenylamine, ug/kg dw	<330	<330	<330	<330
Hexachlorobenzene, ug/kg dw	<330	<330	<330	<330
Gamma-BHC, ug/kg dw	<330	<330	<330	<330
4-Bromophenyl-phenyl-ether, ug/kg dw	<330	<330	<330	<330
Delta-BHC, ug/kg dw	<330	<330	<330	<330
Phenanthrene, ug/kg dw	✓2000	<330	<330	<330
Anthracene, ug/kg dw	✓640	<330	<330	<330
Beta-BHC, ug/kg dw	<330	<330	<330	<330
Heptachlor, ug/kg dw	<660	<660	<660	<660
Alpha-BHC, ug/kg dw	<330	<330	<330	<330
Aldrin, ug/kg dw	<330	<330	<330	<330
Di-n-butylphthalate, ug/kg dw	<330	<330	<330	<330
Heptachlor epoxide, ug/kg dw	<660	<660	<660	<660
Endosulfan I, ug/kg dw	<660	<660	<660	<660
Fluoranthene, ug/kg dw	✓2200	<330	<330	<330
Dieldrin, ug/kg dw	<330	<330	<330	<330
4,4'-DDE, ug/kg dw	<330	<330	<330	<330
Pyrene, ug/kg dw	✓2700	<330	<330	<330
Endrin, ug/kg dw	<660	<660	<660	<660
Endosulfan II, ug/kg dw	<660	<660	<660	<660
4,4'-DDD, ug/kg dw	<330	<330	<330	<330

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70875-55	SB-3-5 8-10'	04-12-96
70875-56	SB-3-6 8-10'	04-12-96
70875-57	SB-3-7 10-12'	04-12-96
70875-58	SB-3-8 10-12'	04-12-96

PARAMETER	70875-55	70875-56	70875-57	70875-58
Benzidine, ug/kg dw	<2700	<2700	<2700	<2700
4,4'-DDT, ug/kg dw	<330	<330	<330	<330
Endosulfan sulfate, ug/kg dw	<660	<660	<660	<660
Endrin Aldehyde, ug/kg dw	<1700	<1700	<1700	<1700
Butylbenzylphthalate, ug/kg dw	<330	<330	<330	<330
Bis(2-Ethylhexyl)phthalate, ug/kg dw	<330	<330	<330	<330
Chrysene, ug/kg dw	790	<330	<330	<330
Benzo(a)anthracene, ug/kg dw	830	<330	<330	<330
3,3'-Dichlorobenzidine, ug/kg dw	<660	<660	<660	<660
Di-n-octylphthalate, ug/kg dw	<330	<330	<330	<330
Benzo(b)fluoranthene, ug/kg dw	1000	<330	<330	<330
Benzo(k)fluoranthene, ug/kg dw	350	<330	<330	<330
Benzo(a)pyrene, ug/kg dw	660	<330	<330	<330
Indeno (1,2,3-cd)pyrene, ug/kg dw	450	<330	<330	<330
Dibenz(a,h)anthracene, ug/kg dw	<330	<330	<330	<330
Benzo(g,h,i)perylene, ug/kg dw	540	<330	<330	<330
N-Nitrosodimethylamine, ug/kg dw	<330	<330	<330	<330
Chlordane, ug/kg dw	<1700	<1700	<1700	<1700
Toxaphene, ug/kg dw	<67000	<67000	<67000	<67000
Aroclor-1016, ug/kg dw	<17000	<17000	<17000	<17000
Aroclor-1221, ug/kg dw	<17000	<17000	<17000	<17000
Aroclor-1232, ug/kg dw	<17000	<17000	<17000	<17000
Aroclor-1242, ug/kg dw	<17000	<17000	<17000	<17000

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70875-55	SB-3-5 8-10'	04-12-96
70875-56	SB-3-6 8-10'	04-12-96
70875-57	SB-3-7 10-12'	04-12-96
70875-58	SB-3-8 10-12'	04-12-96

PARAMETER	70875-55	70875-56	70875-57	70875-58
Aroclor-1248, ug/kg dw	<17000	<17000	<17000	<17000
Aroclor-1254, ug/kg dw	<17000	<17000	<17000	<17000
Aroclor-1260, ug/kg dw	<17000	<17000	<17000	<17000
2-Chlorophenol, ug/kg dw	<330	<330	<330	<330
2-Nitrophenol, ug/kg dw	<330	<330	<330	<330
Phenol, ug/kg dw	<330	<330	<330	<330
2,4-Dimethylphenol, ug/kg dw	<330	<330	<330	<330
2,4-Dichlorophenol, ug/kg dw	<330	<330	<330	<330
2,4,6-Trichlorophenol, ug/kg dw	<330	<330	<330	<330
4-Chloro-3-methylphenol, ug/kg dw	<330	<330	<330	<330
2,4-Dinitrophenol, ug/kg dw	<1700	<1700	<1700	<1700
2-Methyl-4,6-dinitrophenol, ug/kg dw	<1700	<1700	<1700	<1700
Pentachlorophenol, ug/kg dw	<660	<660	<660	<660
4-Nitrophenol, ug/kg dw	<1700	<1700	<1700	<1700
Benzyl alcohol, ug/kg dw	<330	<330	<330	<330
2-Methylphenol (o-cresol), ug/kg dw	<330	<330	<330	<330
4-Methylphenol (p-cresol), ug/kg dw	<330	<330	<330	<330
Benzoic acid, ug/kg dw	<1700	<1700	<1700	<1700
4-Chloroaniline, ug/kg dw	<660	<660	<660	<660
1-Methylnaphthalene, ug/kg dw	<330	<330	2600	2200
2-Methylnaphthalene, ug/kg dw	<330	<330	2500	2200
2,4,5-Trichlorophenol, ug/kg dw	<330	<330	<330	<330
2-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70875-55	SB-3-5 8-10'	04-12-96
70875-56	SB-3-6 8-10'	04-12-96
70875-57	SB-3-7 10-12'	04-12-96
70875-58	SB-3-8 10-12'	04-12-96

PARAMETER	70875-55	70875-56	70875-57	70875-58
3-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700
Dibenzofuran, ug/kg dw	<330	<330	<330	<330
4-Nitroaniline, ug/kg dw	<1700	<1700	<1700	<1700
Date Extracted	04.17.96	04.17.96	04.17.96	04.17.96
Date Analyzed	04.22.96	04.22.96	04.18.96	04.18.96
Method Number	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Dilution factor	1	1	1	1
Percent Solids, %	88	88	84	86

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
70875-59	Lab Blank
70875-60	Accuracy - % Recovery (Mean)
70875-61	Precision - Relative % Difference
70875-62	Detection Limit

PARAMETER	70875-59	70875-60	70875-61	70875-62
Semivolatile Organics (8270)				
1,3-Dichlorobenzene, ug/kg dw	<330	---	---	330
1,4-Dichlorobenzene, ug/kg dw	<330	70 %	2.8 %	330
Hexachloroethane, ug/kg dw	<330	---	---	330
Bis(2-Chloroethyl)ether, ug/kg dw	<330	---	---	330
1,2-Dichlorobenzene, ug/kg dw	<330	---	---	330
Bis(2-chloroisopropyl)ether, ug/kg dw	<330	---	---	330
N-Nitrosodi-N-Propylamine, ug/kg dw	<330	70 %	1.4 %	330
Nitrobenzene, ug/kg dw	<330	---	---	330
Hexachlorobutadiene, ug/kg dw	<330	---	---	330
1,2,4-Trichlorobenzene, ug/kg dw	<330	69 %	8.7 %	330
Isophorone, ug/kg dw	<330	---	---	330
Naphthalene, ug/kg dw	<330	---	---	330
Bis(2-Chloroethoxy)methane, ug/kg dw	<330	---	---	330
Hexachlorocyclopentadiene, ug/kg dw	<330	---	---	330
2-Chloronaphthalene, ug/kg dw	<330	---	---	330
Acenaphthylene, ug/kg dw	<330	---	---	330
Acenaphthene, ug/kg dw	<330	76 %	6.5 %	330
Dimethylphthalate, ug/kg dw	<330	---	---	330
2,6-Dinitrotoluene, ug/kg dw	<330	---	---	330
Fluorene, ug/kg dw	<330	---	---	330
4-Chlorophenyl-phenyl ether, ug/kg dw	<330	---	---	330
2,4-Dinitrotoluene, ug/kg dw	<330	82 %	4.9 %	330

SAVANNAH LABORATORIES
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185 NW Spanish River Boulevard, Suite 110
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Project: #869.50 (Willow Run)
Sampled By: MM/TT

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
70875-59	Lab Blank
70875-60	Accuracy - % Recovery (Mean)
70875-61	Precision - Relative % Difference
70875-62	Detection Limit

PARAMETER	70875-59	70875-60	70875-61	70875-62
Diethylphthalate, ug/kg dw	<330	---	---	330
N-Nitrosodiphenylamine/diphenylamine, ug/kg dw	<330	---	---	330
Hexachlorobenzene, ug/kg dw	<330	---	---	330
Gamma-BHC, ug/kg dw	<330	---	---	330
4-Bromophenyl-phenyl-ether, ug/kg dw	<330	---	---	330
Delta-BHC, ug/kg dw	<330	---	---	330
Phenanthrene, ug/kg dw	<330	---	---	330
Anthracene, ug/kg dw	<330	---	---	330
Beta-BHC, ug/kg dw	<330	---	---	330
Heptachlor, ug/kg dw	<660	---	---	660
Alpha-BHC, ug/kg dw	<330	---	---	330
Aldrin, ug/kg dw	<330	---	---	330
Di-n-butylphthalate, ug/kg dw	<330	---	---	330
Heptachlor epoxide, ug/kg dw	<660	---	---	660
Endosulfan I, ug/kg dw	<660	---	---	660
Fluoranthene, ug/kg dw	<330	---	---	330
Dieldrin, ug/kg dw	<330	---	---	330
4,4'-DDE, ug/kg dw	<330	---	---	330
Pyrene, ug/kg dw	<330	77 %	0 %	330
Endrin, ug/kg dw	<660	---	---	660
Endosulfan II, ug/kg dw	<660	---	---	660
4,4'-DDD, ug/kg dw	<330	---	---	330

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70875
Received: 13 APR 96
Reported: 02 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: MM/TT

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
70875-59	Lab Blank
70875-60	Accuracy - % Recovery (Mean)
70875-61	Precision - Relative % Difference
70875-62	Detection Limit

PARAMETER	70875-59	70875-60	70875-61	70875-62
Benzidine, ug/kg dw	<2700	---	---	2700
4,4'-DDT, ug/kg dw	<330	---	---	330
Endosulfan sulfate, ug/kg dw	<660	---	---	660
Endrin Aldehyde, ug/kg dw	<1700	---	---	1700
Butylbenzylphthalate, ug/kg dw	<330	---	---	330
Bis(2-Ethylhexyl)phthalate, ug/kg dw	<330	---	---	330
Chrysene, ug/kg dw	<330	---	---	330
Benzo(a)anthracene, ug/kg dw	<330	---	---	330
3,3'-Dichlorobenzidine, ug/kg dw	<660	---	---	660
Di-n-octylphthalate, ug/kg dw	<330	---	---	330
Benzo(b)fluoranthene, ug/kg dw	<330	---	---	330
Benzo(k)fluoranthene, ug/kg dw	<330	---	---	330
Benzo(a)pyrene, ug/kg dw	<330	---	---	330
Indeno (1,2,3-cd)pyrene, ug/kg dw	<330	---	---	330
Dibenz(a,h)anthracene, ug/kg dw	<330	---	---	330
Benzo(g,h,i)perylene, ug/kg dw	<330	---	---	330
N-Nitrosodimethylamine, ug/kg dw	<330	---	---	330
Chlordane, ug/kg dw	<1700	---	---	1700
Toxaphene, ug/kg dw	<67000	---	---	67000
Aroclor-1016, ug/kg dw	<17000	---	---	17000
Aroclor-1221, ug/kg dw	<17000	---	---	17000
Aroclor-1232, ug/kg dw	<17000	---	---	17000
Aroclor-1242, ug/kg dw	<17000	---	---	17000

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REPORT OF RESULTS

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70875-59	Lab Blank
70875-60	Accuracy - % Recovery (Mean)
70875-61	Precision - Relative % Difference
70875-62	Detection Limit

PARAMETER	70875-59	70875-60	70875-61	70875-62
Aroclor-1248, ug/kg dw	<17000	---	---	17000
Aroclor-1254, ug/kg dw	<17000	---	---	17000
Aroclor-1260, ug/kg dw	<17000	---	---	17000
2-Chlorophenol, ug/kg dw	<330	65 %	0 %	330
2-Nitrophenol, ug/kg dw	<330	---	---	330
Phenol, ug/kg dw	<330	76 %	14 %	330
2,4-Dimethylphenol, ug/kg dw	<330	---	---	330
2,4-Dichlorophenol, ug/kg dw	<330	---	---	330
2,4,6-Trichlorophenol, ug/kg dw	<330	---	---	330
4-Chloro-3-methylphenol, ug/kg dw	<330	72 %	4.2 %	330
2,4-Dinitrophenol, ug/kg dw	<1700	---	---	1700
2-Methyl-4,6-dinitrophenol, ug/kg dw	<1700	---	---	1700
Pentachlorophenol, ug/kg dw	<660	45 %	4.4 %	660
4-Nitrophenol, ug/kg dw	<1700	60 %	6.7 %	1700
Benzyl alcohol, ug/kg dw	<330	---	---	330
2-Methylphenol (o-cresol), ug/kg dw	<330	---	---	330
4-Methylphenol (p-cresol), ug/kg dw	<330	---	---	330
Benzoic acid, ug/kg dw	<1700	---	---	1700
4-Chloroaniline, ug/kg dw	<660	---	---	660
1-Methylnaphthalene, ug/kg dw	<330	---	---	330
2-Methylnaphthalene, ug/kg dw	<330	---	---	330
2,4,5-Trichlorophenol, ug/kg dw	<330	---	---	330
2-Nitroaniline, ug/kg dw	<1700	---	---	1700

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REPORT OF RESULTS

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70875-59	Lab Blank
70875-60	Accuracy - % Recovery (Mean)
70875-61	Precision - Relative % Difference
70875-62	Detection Limit

PARAMETER	70875-59	70875-60	70875-61	70875-62
3-Nitroaniline, ug/kg dw	<1700	---	---	1700
Dibenzofuran, ug/kg dw	<330	---	---	330
4-Nitroaniline, ug/kg dw	<1700	---	---	1700
Date Extracted	04.17.96	---	---	---
Date Analyzed	04.18.96	---	---	---
Method Number	EPA 8270	---	---	---
Lead				
Lead, mg/kg dw	<0.50	113 %	3.5 %	0.50
Date Analyzed	04.17.96	---	---	---
Method Number	EPA 7421	---	---	---

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Project: #869.50 (Willow Run)
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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
70875-63	Lab Blank
70875-64	Accuracy - % Recovery (Mean)
70875-65	Precision - Relative % Difference
70875-66	Detection Limit

PARAMETER	70875-63	70875-64	70875-65	70875-66
Lead				
Lead, mg/kg dw	<0.50	108 %	1.8 %	0.50
Date Analyzed	04.18.96	---	---	---
Method Number	EPA 7421	---	---	---

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Project: #869.50 (Willow Run)
Sampled By: MM/TT

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
70875-67	Lab Blank
70875-68	Accuracy - % Recovery (Mean)
70875-69	Precision - Relative % Difference
70875-70	Detection Limit

PARAMETER	70875-67	70875-68	70875-69	70875-70
Lead				
Lead, mg/kg dw	<0.50	100 %	2.0 %	0.50
Date Analyzed	04.19.96	---	---	---
Method Number	EPA 7421	---	---	---

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Project: #869.50 (Willow Run)
Sampled By: MM/TT

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70875-71	Lab Blank
70875-72	Accuracy - % Recovery (Mean)
70875-73	Precision - Relative % Difference
70875-74	Detection Limit

PARAMETER	70875-71	70875-72	70875-73	70875-74
Semivolatile Organics (8270)				
1,3-Dichlorobenzene, ug/l	<10	---	---	10
1,4-Dichlorobenzene, ug/l	<10	68 %	5.9 %	10
Hexachloroethane, ug/l	<10	---	---	10
Bis(2-Chloroethyl)ether, ug/l	<10	---	---	10
1,2-Dichlorobenzene, ug/l	<10	---	---	10
Bis(2-chloroisopropyl)ether, ug/l	<10	---	---	10
N-Nitrosodi-N-Propylamine, ug/l	<10	78 %	2.6 %	10
Nitrobenzene, ug/l	<10	---	---	10
Hexachlorobutadiene, ug/l	<10	---	---	10
1,2,4-Trichlorobenzene, ug/l	<10	66 %	18 %	10
Isophorone, ug/l	<10	---	---	10
Naphthalene, ug/l	<5.0	---	---	5.0
Bis(2-Chloroethoxy)methane, ug/l	<10	---	---	10
Hexachlorocyclopentadiene, ug/l	<10	---	---	10
2-Chloronaphthalene, ug/l	<10	---	---	10
Acenaphthylene, ug/l	<10	---	---	10
Acenaphthene, ug/l	<10	82 %	3.6 %	10
Dimethylphthalate, ug/l	<10	---	---	10
2,6-Dinitrotoluene, ug/l	<10	---	---	10
Fluorene, ug/l	<10	---	---	10
4-Chlorophenyl-phenyl ether, ug/l	<10	---	---	10
2,4-Dinitrotoluene, ug/l	<10	78 %	8.9 %	10

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70875-71	Lab Blank
70875-72	Accuracy - % Recovery (Mean)
70875-73	Precision - Relative % Difference
70875-74	Detection Limit

PARAMETER	70875-71	70875-72	70875-73	70875-74
Diethylphthalate, ug/l	<10	---	---	10
N-Nitrosodiphenylamine/diphenylamine, ug/l	<10	---	---	10
Hexachlorobenzene, ug/l	<10	---	---	10
Gamma-BHC, ug/l	<10	---	---	10
4-Bromophenyl-phenyl-ether, ug/l	<10	---	---	10
Delta-BHC, ug/l	<10	---	---	10
Phenanthrene, ug/l	<10	---	---	10
Anthracene, ug/l	<10	---	---	10
Beta-BHC, ug/l	<10	---	---	10
Heptachlor, ug/l	<20	---	---	20
Alpha-BHC, ug/l	<10	---	---	10
Aldrin, ug/l	<10	---	---	10
Di-n-butylphthalate, ug/l	<10	---	---	10
Heptachlor epoxide, ug/l	<20	---	---	20
Endosulfan I, ug/l	<20	---	---	20
Fluoranthene, ug/l	<10	---	---	10
Dieldrin, ug/l	<10	---	---	10
4,4'-DDE, ug/l	<10	---	---	10
Pyrene, ug/l	<10	68 %	12 %	10
Endrin, ug/l	<20	---	---	20
Endosulfan II, ug/l	<20	---	---	20
4,4'-DDD, ug/l	<10	---	---	10
Benzidine, ug/l	<80	---	---	80

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70875-71	Lab Blank
70875-72	Accuracy - % Recovery (Mean)
70875-73	Precision - Relative % Difference
70875-74	Detection Limit

PARAMETER	70875-71	70875-72	70875-73	70875-74
4,4'-DDT, ug/l	<10	---	---	10
Endosulfan sulfate, ug/l	<20	---	---	20
Endrin Aldehyde, ug/l	<50	---	---	50
Butylbenzylphthalate, ug/l	<10	---	---	10
Bis(2-Ethylhexyl)phthalate, ug/l	<10	---	---	10
Chrysene, ug/l	<5.0	---	---	5.0
Benzo(a)anthracene, ug/l	<4.0	---	---	4.0
3,3'-Dichlorobenzidine, ug/l	<20	---	---	20
Di-n-octylphthalate, ug/l	<10	---	---	10
Benzo(b)fluoranthene, ug/l	<4.0	---	---	4.0
Benzo(k)fluoranthene, ug/l	<5.0	---	---	5.0
Benzo(a)pyrene, ug/l	<4.0	---	---	4.0
Indeno (1,2,3-cd)pyrene, ug/l	<5.0	---	---	5.0
Dibenz(a,h)anthracene, ug/l	<5.0	---	---	5.0
Benzo(g,h,i)perylene, ug/l	<10	---	---	10
N-Nitrosodimethylamine, ug/l	<10	---	---	10
Chlordane, ug/l	<50	---	---	50
Toxaphene, ug/l	<2000	---	---	2000
Aroclor-1016, ug/l	<500	---	---	500
Aroclor-1221, ug/l	<500	---	---	500
Aroclor-1232, ug/l	<500	---	---	500
Aroclor-1242, ug/l	<500	---	---	500
Aroclor-1248, ug/l	<500	---	---	500

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LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70875-71	Lab Blank
70875-72	Accuracy - % Recovery (Mean)
70875-73	Precision - Relative % Difference
70875-74	Detection Limit

PARAMETER	70875-71	70875-72	70875-73	70875-74
Aroclor-1254, ug/l	<500	---	---	500
Aroclor-1260, ug/l	<500	---	---	500
2-Chlorophenol, ug/l	<10	68 %	4.4 %	10
2-Nitrophenol, ug/l	<10	---	---	10
Phenol, ug/l	<10	79 %	2.5 %	10
2,4-Dimethylphenol, ug/l	<10	---	---	10
2,4-Dichlorophenol, ug/l	<10	---	---	10
2,4,6-Trichlorophenol, ug/l	<10	---	---	10
4-Chloro-3-methylphenol, ug/l	<10	76 %	4.0 %	10
2,4-Dinitrophenol, ug/l	<50	---	---	50
2-Methyl-4,6-dinitrophenol, ug/l	<50	---	---	50
Pentachlorophenol, ug/l	<20	70 %	1.4 %	20
4-Nitrophenol, ug/l	<50	64 %	36 %	50
Benzyl alcohol, ug/l	<10	---	---	10
2-Methylphenol (o-cresol), ug/l	<10	---	---	10
4-Methylphenol (p-cresol), ug/l	<50	---	---	50
Benzoic acid, ug/l	<20	---	---	20
4-Chloroaniline, ug/l	<10	---	---	10
2-Methylnaphthalene, ug/l	<10	---	---	10
2,4,5-Trichlorophenol, ug/l	<10	---	---	10
2-Nitroaniline, ug/l	<50	---	---	50
3-Nitroaniline, ug/l	<50	---	---	50
Dibenzofuran, ug/l	<10	---	---	10
4-Nitroaniline, ug/l	<50	---	---	50
Date Extracted	04.15.96	---	---	---
Date Analyzed	04.17.96	---	---	---
Method Number	EPA 8270	---	---	---

SL SAVANNAH LABORATORIES
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70875-71	Lab Blank
70875-72	Accuracy - % Recovery (Mean)
70875-73	Precision - Relative % Difference
70875-74	Detection Limit

PARAMETER	70875-71	70875-72	70875-73	70875-74

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.
*F23 = Due to the abundance of target analyte, the reported result was quantified by ICP to minimize dilution error.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (305) 421-7400 — Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (205) 666-6633 — Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869.50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
Mi	Mike Mueller, T. Twist	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	B. Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd, BOCA RATON, FL 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Lead (7421) | 8270

PAGE 1 OF 5

☐ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	Lead (7421)	8270	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/11/96	10:55		SB-2-12A 1-3'	✓			✓				
	10:55		SB-2-12A 5-7'	✓			✓				
	10:55		SB-2-12A 7-9'	✓			✓				
	10:55		SB-2-12A 9-11'	✓			✓				
	10:55		SB-duplicate # 11	✓			✓				
	12:00		SB-2-27 1-3'	✓			✓				
	12:00		SB-2-27 3-5'	✓			✓				
	12:00		SB-2-27 5-7'	✓			✓				
	12:00		SB-2-27 7-9'	✓			✓				
	12:00		SB-2-27 9-11'	✓			✓				
	12:00		SB-duplicate # 5	✓			✓				
	16:30		SB-16-1 8-10	✓				✓			
↓	17:00		SB-16 Duplicate	✓				✓			

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Paul Cameron	4/9			4/12/96	19:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Kimberly A. Kosher	4/13/96	1050	☐ YES ☐ NO		670875	

Serial Number

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Willow Run	869.50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
Mi	Mike Mueller, T. Twist	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	B. Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: 8270 | Lead (7421)

PAGE 2 OF 5

☐ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION		AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	8270	Lead (7421)	REMARKS
4/11/96	18:00		SB-16-2	8-10'		✓		✓			
	17:00		SB-16-3	8-10'		✓		✓			
	17:15		SB-16-4	8-10'		✓		✓			
	16:15		Equipment blank		✓			✓			
4/12/96	12:10		SB-2-18	1-3'		✓			✓		
	12:10		SB-2-18	3-5'		✓			✓		
	12:10		SB-2-18	5-7'		✓			✓		
	12:10		SB-2-18	7-9'		✓			✓		
	12:10		Duplicate # 10			✓			✓		
	11:25		SB-2-21	1-3'		✓			✓		
	11:25		SB-2-21	3-5'		✓			✓		
	11:25		SB-2-21	5-7'		✓			✓		
	11:25		SB-2-21	7-9'		✓			✓		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Paul Carver	4/9			4/12/96	19:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Kimberly C. Walker	4/13/96	1050	☐ YES ☐ NO		DE10875	

ORIGINAL

Serial Number 30403

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404	Phone: (912) 354-7858	Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301	Phone: (904) 878-3994	Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442	Phone: (305) 421-7400	Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693	Phone: (205) 666-6633	Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634	Phone: (813) 885-7427	Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047	Phone: (504) 764-1100	Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869-50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Milee Mueller, Tim Twist	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	B. Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Lead (7421)

PAGE 3 OF 5

☐ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION		MATRIX	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/12/96	11:25		SB-2-21	9-11'	✓	✓	
	11:25		~~SB-2-22~~ Duplicate #22		✓	✓	
	10:40		SB-2-19	1-3'	✓	✓	
	10:40		SB-2-19	3-5'	✓	✓	
	10:40		SB-2-19	5-7'	✓	✓	
	10:40		Dupliate #12		✓	✓	
	10:25		SB-2-20	1-3'	✓	✓	
	10:25		SB-2-20	3-5'	✓	✓	
	10:25		SB-2-20	5-7'	✓	✓	
	10:25		SB-2-20	7-9'	✓	✓	
	10:25		Duplicate #15		✓	✓	
	14:25		SB-2-29	1-3'	✓	✓	
↓	14:27		SB-2-29	3-5'	✓	✓	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Paul Conner	4/9		Amin Arshad	4/12/96	19:00			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Amin Arshad	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Kimberly A. Koster	4/13/96	1050	☐ YES ☐ NO		D670875	

ORIGINAL

Serial Number 96[illegible]

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
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☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869.50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Mike Mueller, Tim Twist	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	B. Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd, Boca Raton, FL 3343[illegible]

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Lead (7421)

PAGE 4 OF 5

☐ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION		AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/12/96	14:25		SB-2-29	5-7'		✓		✓		
	14:25		SB-2-29	7-9'		✓		✓		
	14:25		Duplicate #18			✓		✓		
	13:40		SB-2-17	1-3'		✓		✓		
	13:40		SB-2-17	3-5'		✓		✓		
	13:40		SB-2-17	5-7'		✓		✓		
	13:40		SB-2-17	7-9'		✓		✓		
	13:40		Duplicate # 21			✓		✓		
	16:00		SB-2-5A	1-3'		✓		✓		
	16:00		SB-2-5A	3-5		✓		✓		
	16:00		SB-2-5A	5-7		✓		✓		
	16:00		SB-2-5A	7-9		✓		✓		
	16:00		SB-2-5A	9-11		✓		✓		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Paul Cameron	4/9			4/12/96	19:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
	4/13/96	1050	☐ YES ☐ NO		D670875	

ORIGINAL

Serial Number 3[illegible]0

SL *SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.*

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404	Phone: (912) 354-7858	Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301	Phone: (904) 878-3994	Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442	Phone: (305) 421-7400	Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693	Phone: (205) 666-6633	Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634	Phone: (813) 885-7427	Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047	Phone: (504) 764-1100	Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869.50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
Mi	Mike Mueller, Tim Twist	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	B. Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Lead (7421) | 8270

PAGE 5 OF 5

☐ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED: Lead (7421)	NUMBER OF CONTAINERS SUBMITTED: 8270	REMARKS
4/12/96	16:00		Duplicate #2		✓			✓		
↓	10:45		~~SB-16-5~~ SB-3-5 8-10'		✓				✓	
	11:45		~~SB-16-6~~ SB-3-6 8-10'		✓				✓	
	14:40		~~SB-16-7~~ SB-3-7 10-12'		✓				✓	
↓	17:05		~~SB-16-8~~ SB-3-8 10-12'		✓				✓	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Paul Cameron	4/9			4/12/96	19:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Kenneth A. Kosher	4/13/96	1050	☐ YES ☐ NO		SL70875	

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES. INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70890
Received: 16 APR 96
Reported: 03 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-1	MW-2-12A-1	04-14-96
70890-2	MW-2-12A-2	04-14-96
70890-3	MW-2-13A-1	04-14-96
70890-4	MW-2-13A-2	04-15-96
70890-5	MW-7-3-1	04-15-96

PARAMETER	70890-1	70890-2	70890-3	70890-4	70890-5
Cadmium (MIBK).					
Cadmium, mg/l	0.00016*	0.00014*	0.15**	0.064**	0.00016*
Date Analyzed	04.19.96	04.19.96	04.23.96	04.23.96	04.19.96
Method Number	EPA 7131	EPA 7131	EPA 6010	EPA 6010	EPA 7131
Cadmium, Dissolved (MIBK)					
Cadmium, mg/l	0.00036	0.00025	0.00014*	0.00015*	<0.000050*
Date Analyzed	04.19.96	04.19.96	04.19.96	04.19.96	04.19.96
Method Number	EPA 7131	EPA 7131	EPA 7131	EPA 7131	EPA 7131
Lead					
Lead, mg/l	<0.0050	<0.0050	0.49	0.37	0.027
Date Analyzed	04.23.96	04.23.96	04.23.96	04.23.96	04.23.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Lead (Dissolved)					
Lead (Dissolved), mg/l	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Date Analyzed	04.23.96	04.23.96	04.23.96	04.23.96	04.23.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Mercury (7470/7471)					
Mercury, mg/l	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Date Analyzed	04.19.96	04.19.96	04.19.96	04.23.96	04.19.96
Method Number	EPA 7470	EPA 7470	EPA 7470	EPA 7470	EPA 7470
Mercury (Dissolved)					
Mercury (Dissolved), mg/l	<0.00020	<0.00020	<0.00020	<0.00020	<0.0020
Date Analyzed	04.19.96	04.19.96	04.19.96	04.23.96	04.19.96
Method Number	EPA 7470	EPA 7470	EPA 7470	EPA 7470	EPA 7470

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70890
Received: 16 APR 96
Reported: 03 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-6	MW-7-3-2	04-15-96

PARAMETER	70890-6
Cadmium (MIBK)	
Cadmium, mg/l	0.00018*
Date Analyzed	04.19.96
Method Number	EPA 7131
Cadmium, Dissolved (MIBK)	
Cadmium, mg/l	<0.000050*
Date Analyzed	04.19.96
Method Number	EPA 7131
Lead	
Lead, mg/l	0.0073
Date Analyzed	04.26.96
Method Number	EPA 7421
Lead (Dissolved)	
Lead (Dissolved), mg/l	<0.0050
Date Analyzed	04.26.96
Method Number	EPA 7421
Mercury (7470/7471)	
Mercury, mg/l	<0.00020
Date Analyzed	04.23.96
Method Number	EPA 7470
Mercury (Dissolved)	
Mercury (Dissolved), mg/l	<0.00020
Date Analyzed	04.23.96
Method Number	EPA 7470

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& ENVIRONMENTAL SERVICES, INC.

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LOG NO: D6-70890
Received: 16 APR 96
Reported: 03 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-7	MW-6-5A-1	04-14-96
70890-8	MW-6-5A-2	04-15-96
70890-9	Duplicate GW-5	04-14-96

PARAMETER	70890-7	70890-8	70890-9
Cadmium (MIBK)			
Cadmium, mg/l	<0.000050*	0.00017*	<0.000050*
Date Analyzed	04.19.96	04.19.96	04.19.96
Method Number	EPA 7131	EPA 7131	EPA 7131
Cadmium, Dissolved (MIBK)			
Cadmium, mg/l	<0.000050*	0.00018*	<0.000050*
Date Analyzed	04.19.96	04.19.96	04.19.96
Method Number	EPA 7131	EPA 7131	EPA 7131
Lead			
Lead, mg/l	0.013	0.0079	0.012
Date Analyzed	04.23.96	04.26.96	04.26.96
Method Number	EPA 7421	EPA 7421	EPA 7421
Lead (Dissolved)			
Lead (Dissolved), mg/l	<0.0050	0.0076	<0.0050
Date Analyzed	04.23.96	04.26.96	04.26.96
Method Number	EPA 7421	EPA 7421	EPA 7421
Mercury (7470/7471)			
Mercury, mg/l	0.00024	<0.00020	<0.00020
Date Analyzed	04.23.96	04.23.96	04.23.96
Method Number	EPA 7470	EPA 7470	EPA 7470
Mercury (Dissolved)			
Mercury (Dissolved), mg/l	<0.00020	<0.00020	<0.00020
Date Analyzed	04.23.96	04.23.96	04.23.96
Method Number	EPA 7470	EPA 7470	EPA 7470

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES. INC.

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LOG NO: D6-70890
Received: 16 APR 96
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Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-7	MW-6-5A-1	04-14-96
70890-8	MW-6-5A-2	04-15-96
70890-9	Duplicate GW-5	04-14-96

PARAMETER	70890-7	70890-8	70890-9
Nickel			
Nickel, mg/l	0.040	<0.040	<0.040
Date Analyzed	04.22.96	04.22.96	04.29.96
Method Number	EPA 6010	EPA 6010	EPA 6010
Nickel (Dissolved)			
Nickel (Dissolved), mg/l	<0.040	<0.040	<0.040
Date Analyzed	04.22.96	04.22.96	04.29.96
Method Number	EPA 6010	EPA 6010	EPA 6010

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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LOG NO: D6-70890
Received: 16 APR 96
Reported: 03 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-10	MW-1-5-1	04-14-96
70890-11	MW-1-5-2	04-15-96

PARAMETER	70890-10	70890-11
Cadmium (MIBK)		
Cadmium, mg/l	0.00011*	0.000054*
Date Analyzed	04.23.96	04.23.96
Method Number	EPA 7131	EPA 7131
Cadmium, Dissolved (MIBK)		
Cadmium, mg/l	<0.000050*	<0.000050*
Date Analyzed	04.23.96	04.23.96
Method Number	EPA 7131	EPA 7131
Lead		
Lead, mg/l	0.012	0.0063
Date Analyzed	04.26.96	04.26.96
Method Number	EPA 7421	EPA 7421
Lead (Dissolved)		
Lead (Dissolved), mg/l	<0.0050	<0.0050
Date Analyzed	04.26.96	04.26.96
Method Number	EPA 7421	EPA 7421
Nickel		
Nickel, mg/l	<0.040	<0.040
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010
Nickel (Dissolved)		
Nickel (Dissolved), mg/l	<0.040	<0.040
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70890
Received: 16 APR 96
Reported: 03 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-12	Equipment Blank GW-12	04-14-96

PARAMETER	70890-12
Cadmium (MIBK)	
Cadmium, mg/l	<0.000050
Date Analyzed	04.23.96
Method Number	EPA 7131
Lead	
Lead, mg/l	<0.0050
Date Analyzed	05.01.96
Method Number	EPA 7421
Mercury (7470/7471)	
Mercury, mg/l	<0.00020
Date Analyzed	04.23.96
Method Number	EPA 7470

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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LOG NO: D6-70890
Received: 16 APR 96
Reported: 03 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-13	MW-3-6	04-15-96
70890-14	MW-3-7	04-15-96
70890-15	MW-3-8	04-15-96

PARAMETER	70890-13	70890-14	70890-15
Semivolatile Organics (8270)			
1,3-Dichlorobenzene, ug/l	<10	<10	<10
1,4-Dichlorobenzene, ug/l	<10	<10	<10
Hexachloroethane, ug/l	<10	<10	<10
Bis(2-Chloroethyl)ether, ug/l	<10	<10	<10
1,2-Dichlorobenzene, ug/l	<10	<10	<10
Bis(2-chloroisopropyl)ether, ug/l	<10	<10	<10
N-Nitrosodi-N-Propylamine, ug/l	<10	<10	<10
Nitrobenzene, ug/l	<10	<10	<10
Hexachlorobutadiene, ug/l	<10	<10	<10
1,2,4-Trichlorobenzene, ug/l	<10	<10	<10
Isophorone, ug/l	<10	<10	<10
Naphthalene, ug/l	100	<5.0	260
Bis(2-Chloroethoxy)methane, ug/l	<10	<10	<10
Hexachlorocyclopentadiene, ug/l	<10	<10	<10
2-Chloronaphthalene, ug/l	<10	<10	<10
Acenaphthylene, ug/l	<10	<10	<10
Acenaphthene, ug/l	<10	<10	<10
Dimethylphthalate, ug/l	<10	<10	<10
2,6-Dinitrotoluene, ug/l	<10	<10	<10
Fluorene, ug/l	<10	<10	<10
4-Chlorophenyl-phenyl ether, ug/l	<10	<10	<10
2,4-Dinitrotoluene, ug/l	<10	<10	<10
Diethylphthalate, ug/l	<10	<10	<10

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LOG NO: D6-70890
Received: 16 APR 96
Reported: 03 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-13	MW-3-6	04-15-96
70890-14	MW-3-7	04-15-96
70890-15	MW-3-8	04-15-96

PARAMETER	70890-13	70890-14	70890-15
N-Nitrosodiphenylamine/diphenylamine, ug/l	<10	<10	<10
Hexachlorobenzene, ug/l	<10	<10	<10
Gamma-BHC, ug/l	<10	<10	<10
4-Bromophenyl-phenyl-ether, ug/l	<10	<10	<10
Delta-BHC, ug/l	<10	<10	<10
Phenanthrene, ug/l	<10	<10	<10
Anthracene, ug/l	<10	<10	<10
Beta-BHC, ug/l	<10	<10	<10
Heptachlor, ug/l	<20	<20	<20
Alpha-BHC, ug/l	<10	<10	<10
Aldrin, ug/l	<10	<10	<10
Di-n-butylphthalate, ug/l	<10	<10	<10
Heptachlor epoxide, ug/l	<20	<20	<20
Endosulfan I, ug/l	<20	<20	<20
Fluoranthene, ug/l	<10	<10	<10
Dieldrin, ug/l	<10	<10	<10
4,4'-DDE, ug/l	<10	<10	<10
Pyrene, ug/l	<10	<10	<10
Endrin, ug/l	<20	<20	<20
Endosulfan II, ug/l	<20	<20	<20
4,4'-DDD, ug/l	<10	<10	<10
Benzidine, ug/l	<80	<80	<80
4,4'-DDT, ug/l	<10	<10	<10
Endosulfan sulfate, ug/l	<20	<20	<20

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70890-14	MW-3-7	04-15-96
70890-15	MW-3-8	04-15-96

PARAMETER	70890-13	70890-14	70890-15
Endrin Aldehyde, ug/l	<50	<50	<50
Butylbenzylphthalate, ug/l	<10	<10	<10
Bis(2-Ethylhexyl)phthalate, ug/l	<10	<10	<10
Chrysene, ug/l	<5.0	<5.0	<5.0
Benzo(a)anthracene, ug/l	<4.0	<4.0	<4.0
3,3'-Dichlorobenzidine, ug/l	<20	<20	<20
Di-n-octylphthalate, ug/l	<10	<10	<10
Benzo(b)fluoranthene, ug/l	<4.0	<4.0	<4.0
Benzo(k)fluoranthene, ug/l	<5.0	<5.0	<5.0
Benzo(a)pyrene, ug/l	<4.0	<4.0	<4.0
Indeno (1,2,3-cd)pyrene, ug/l	<5.0	<5.0	<5.0
Dibenz(a,h)anthracene, ug/l	<5.0	<5.0	<5.0
Benzo(g,h,i)perylene, ug/l	<10	<10	<10
N-Nitrosodimethylamine, ug/l	<10	<10	<10
Chlordane, ug/l	<50	<50	<50
Toxaphene, ug/l	<2000	<2000	<2000
Aroclor-1016, ug/l	<500	<500	<500
Aroclor-1221, ug/l	<500	<500	<500
Aroclor-1232, ug/l	<500	<500	<500
Aroclor-1242, ug/l	<500	<500	<500
Aroclor-1248, ug/l	<500	<500	<500
Aroclor-1254, ug/l	<500	<500	<500
Aroclor-1260, ug/l	<500	<500	<500
2-Chlorophenol, ug/l	<10	<10	<10

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70890-13	MW-3-6	04-15-96
70890-14	MW-3-7	04-15-96
70890-15	MW-3-8	04-15-96

PARAMETER	70890-13	70890-14	70890-15
2-Nitrophenol, ug/l	<10	<10	<10
Phenol, ug/l	<10	<10	<10
2,4-Dimethylphenol, ug/l	<10	<10	<10
2,4-Dichlorophenol, ug/l	<10	<10	<10
2,4,6-Trichlorophenol, ug/l	<10	<10	<10
4-Chloro-3-methylphenol, ug/l	<10	<10	<10
2,4-Dinitrophenol, ug/l	<50	<50	<50
2-Methyl-4,6-dinitrophenol, ug/l	<50	<50	<50
Pentachlorophenol, ug/l	<20	<20	<20
4-Nitrophenol, ug/l	<50	<50	<50
Benzyl alcohol, ug/l	<10	<10	<10
2-Methylphenol (o-cresol), ug/l	<10	<10	<10
4-Methylphenol (p-cresol), ug/l	<10	<10	<10
Benzoic acid, ug/l	<50	<50	<50
4-Chloroaniline, ug/l	<20	<20	<20
1-Methylnaphthalene, ug/l	<10	<10	<10
2-Methylnaphthalene, ug/l	<10	<10	12
2,4,5-Trichlorophenol, ug/l	<10	<10	<10
2-Nitroaniline, ug/l	<50	<50	<50
3-Nitroaniline, ug/l	<50	<50	<50
Dibenzofuran, ug/l	<10	<10	<10
4-Nitroaniline, ug/l	<50	<50	<50
Date Extracted	04.17.96	04.17.96	04.17.96
Date Analyzed	04.22.96	04.22.96	04.23.96
Method Number	EPA 8270	EPA 8270	EPA 8270
Dilution factor	1	1	1

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-16	MW-16-1	04-15-96
70890-17	Duplicate	04-15-96

PARAMETER	70890-16	70890-17
Semivolatile Organics (8270)		
1,3-Dichlorobenzene, ug/l	<10	<10
1,4-Dichlorobenzene, ug/l	<10	<10
Hexachloroethane, ug/l	<10	<10
Bis(2-Chloroethyl)ether, ug/l	<10	<10
1,2-Dichlorobenzene, ug/l	<10	<10
Bis(2-chloroisopropyl)ether, ug/l	<10	<10
N-Nitrosodi-N-Propylamine, ug/l	<10	<10
Nitrobenzene, ug/l	<10	<10
Hexachlorobutadiene, ug/l	<10	<10
1,2,4-Trichlorobenzene, ug/l	<10	<10
Isophorone, ug/l	<10	<10
Naphthalene, ug/l	<5.0	<5.0
Bis(2-Chloroethoxy)methane, ug/l	<10	<10
Hexachlorocyclopentadiene, ug/l	<10	<10
2-Chloronaphthalene, ug/l	<10	<10
Acenaphthylene, ug/l	<10	<10
Acenaphthene, ug/l	<10	<10
Dimethylphthalate, ug/l	<10	<10
2,6-Dinitrotoluene, ug/l	<10	<10
Fluorene, ug/l	10 ✓	<10
4-Chlorophenyl-phenyl ether, ug/l	<10	<10
2,4-Dinitrotoluene, ug/l	<10	<10
Diethylphthalate, ug/l	<10	<10
N-Nitrosodiphenylamine/diphenylamine, ug/l	<10	<10

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70890-16	MW-16-1	04-15-96
70890-17	Duplicate	04-15-96

PARAMETER	70890-16	70890-17
Hexachlorobenzene, ug/l	<10	<10
Gamma-BHC, ug/l	<10	<10
4-Bromophenyl-phenyl-ether, ug/l	<10	<10
Delta-BHC, ug/l	<10	<10
Phenanthrene, ug/l	100	84
Anthracene, ug/l	29	23
Beta-BHC, ug/l	<10	<10
Heptachlor, ug/l	<20	<20
Alpha-BHC, ug/l	<10	<10
Aldrin, ug/l	<10	<10
Di-n-butylphthalate, ug/l	<10	<10
Heptachlor epoxide, ug/l	<20	<20
Endosulfan I, ug/l	<20	<20
Fluoranthene, ug/l	84	74
Dieldrin, ug/l	<10	<10
4,4'-DDE, ug/l	<10	<10
Pyrene, ug/l	110	88
Endrin, ug/l	<20	<20
Endosulfan II, ug/l	<20	<20
4,4'-DDD, ug/l	<10	<10
Benzidine, ug/l	<80	<80
4,4'-DDT, ug/l	<10	<10
Endosulfan sulfate, ug/l	<20	<20
Endrin Aldehyde, ug/l	<50	<50
Butylbenzylphthalate, ug/l	<10	<10

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70890-16	MW-16-1	04-15-96
70890-17	Duplicate	04-15-96

PARAMETER	70890-16	70890-17
Bis(2-Ethylhexyl)phthalate, ug/l	24	15
Chrysene, ug/l	36	31
Benzo(a)anthracene, ug/l	40	34
3,3'-Dichlorobenzidine, ug/l	<20	<20
Di-n-octylphthalate, ug/l	<10	<10
Benzo(b)fluoranthene, ug/l	51	36
Benzo(k)fluoranthene, ug/l	18	15
Benzo(a)pyrene, ug/l	29	25
Indeno (1,2,3-cd)pyrene, ug/l	16	16
Dibenz(a,h)anthracene, ug/l	6.4	5.9
Benzo(g,h,i)perylene, ug/l	18	17
N-Nitrosodimethylamine, ug/l	<10	<10
Chlordane, ug/l	<50	<50
Toxaphene, ug/l	<2000	<2000
Aroclor-1016, ug/l	<500	<500
Aroclor-1221, ug/l	<500	<500
Aroclor-1232, ug/l	<500	<500
Aroclor-1242, ug/l	<500	<500
Aroclor-1248, ug/l	<500	<500
Aroclor-1254, ug/l	<500	<500
Aroclor-1260, ug/l	<500	<500
2-Chlorophenol, ug/l	<10	<10
2-Nitrophenol, ug/l	<10	<10
Phenol, ug/l	<10	<10
2,4-Dimethylphenol, ug/l	<10	<10

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LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-16	MW-16-1	04-15-96
70890-17	Duplicate	04-15-96

PARAMETER	70890-16	70890-17
2,4-Dichlorophenol, ug/l	<10	<10
2,4,6-Trichlorophenol, ug/l	<10	<10
4-Chloro-3-methylphenol, ug/l	<10	<10
2,4-Dinitrophenol, ug/l	<50	<50
2-Methyl-4,6-dinitrophenol, ug/l	<50	<50
Pentachlorophenol, ug/l	<20	<20
4-Nitrophenol, ug/l	<50	<50
Benzyl alcohol, ug/l	<10	<10
2-Methylphenol (o-cresol), ug/l	<10	<10
4-Methylphenol (p-cresol), ug/l	<10	<10
Benzoic acid, ug/l	<50	<50
4-Chloroaniline, ug/l	<20	<20
1-Methylnaphthalene, ug/l	<10	<10
2-Methylnaphthalene, ug/l	<10	<10
2,4,5-Trichlorophenol, ug/l	<10	<10
2-Nitroaniline, ug/l	<50	<50
3-Nitroaniline, ug/l	<50	<50
Dibenzofuran, ug/l	10	<10
4-Nitroaniline, ug/l	<50	<50
Date Extracted	04.17.96	04.17.96
Date Analyzed	04.22.96	04.22.96
Method Number	EPA 8270	EPA 8270
Dilution factor	1	1
Arsenic		
Arsenic, mg/l	<0.010	<0.010
Date Analyzed	05.01.96	05.01.96
Method Number	EPA 7060	EPA 7060

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LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-16	MW-16-1	04-15-96
70890-17	Duplicate	04-15-96

PARAMETER	70890-16	70890-17
Arsenic (Dissolved)		
Arsenic (Dissolved), mg/l	<0.010	<0.010
Date Analyzed	05.01.96	05.01.96
Method Number	EPA 7060	EPA 7060
Barium		
Barium, mg/l	0.68	0.62
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010
Barium (Dissolved)		
Barium (Dissolved), mg/l	0.59	0.58
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010
Cadmium (MIBK)		
Cadmium, mg/l	0.000070*	<0.000050*
Date Analyzed	04.23.96	04.23.96
Method Number	EPA 7131	EPA 7131
Cadmium, Dissolved (MIBK)		
Cadmium, mg/l	<0.000050*	<0.000050*
Date Analyzed	04.23.96	04.23.96
Method Number	EPA 7131	EPA 7131
Chromium		
Chromium, mg/l	0.028	0.020
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010

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70890-16	MW-16-1	04-15-96
70890-17	Duplicate	04-15-96

PARAMETER	70890-16	70890-17
Chromium (Dissolved)		
Chromium (Dissolved), mg/l	<0.010	<0.010
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010
Copper		
Copper, mg/l	<0.025	<0.025
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010
Copper (Dissolved)		
Copper (Dissolved), mg/l	<0.025	<0.025
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010
Lead		
Lead, mg/l	0.23	0.17
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 7421	EPA 7421
Lead (Dissolved)		
Lead (Dissolved), mg/l	<0.0050	<0.0050
Date Analyzed	04.26.96	04.26.96
Method Number	EPA 7421	EPA 7421
Mercury (7470/7471)		
Mercury, mg/l	0.00024	0.00025
Date Analyzed	04.23.96	04.23.96
Method Number	EPA 7470	EPA 7470

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70890-17	Duplicate	04-15-96

PARAMETER	70890-16	70890-17
Mercury (Dissolved)		
Mercury (Dissolved), mg/l	0.00021	0.00023
Date Analyzed	04.23.96	04.23.96
Method Number	EPA 7470	EPA 7470
Selenium (EPA 7742)		
Selenium, mg/l	<.0080*F65	<.0080*F65
Date Analyzed	04.24.96	04.24.96
Method Number	EPA 7742	EPA 7742
Selenium, Dissolved (EPA 7742)		
Selenium (Dissolved), mg/l	<.0080*F65	<.0080*F65
Date Analyzed	04.24.96	04.24.96
Method Number	EPA 7742	EPA 7742
Silver (MIBK)		
Silver, mg/l	<0.000050	<0.000050
Date Analyzed	04.22.96	04.22.96
Method Number	EPA 7761	EPA 7761
Silver, Dissolved (MIBK)		
Silver, mg/l	<0.000050	<0.000050
Date Analyzed	04.22.96	04.22.96
Method Number	EPA 7761	EPA 7761
Zinc		
Zinc, mg/l	0.098	0.093
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010

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70890-16	MW-16-1	04-15-96
70890-17	Duplicate	04-15-96

PARAMETER	70890-16	70890-17
Zinc (Dissolved)		
Zinc (Dissolved), mg/l	0.027	0.036
Date Analyzed	04.29.96	04.29.96
Method Number	EPA 6010	EPA 6010

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LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-18	Equipment Blank	04-15-96

PARAMETER	70890-18
Semivolatile Organics (8270)	
1,3-Dichlorobenzene, ug/l	<10
1,4-Dichlorobenzene, ug/l	<10
Hexachloroethane, ug/l	<10
Bis(2-Chloroethyl)ether, ug/l	<10
1,2-Dichlorobenzene, ug/l	<10
Bis(2-chloroisopropyl)ether, ug/l	<10
N-Nitrosodi-N-Propylamine, ug/l	<10
Nitrobenzene, ug/l	<10
Hexachlorobutadiene, ug/l	<10
1,2,4-Trichlorobenzene, ug/l	<10
Isophorone, ug/l	<10
Naphthalene, ug/l	<5.0
Bis(2-Chloroethoxy)methane, ug/l	<10
Hexachlorocyclopentadiene, ug/l	<10
2-Chloronaphthalene, ug/l	<10
Acenaphthylene, ug/l	<10
Acenaphthene, ug/l	<10
Dimethylphthalate, ug/l	<10
2,6-Dinitrotoluene, ug/l	<10
Fluorene, ug/l	<10
4-Chlorophenyl-phenyl ether, ug/l	<10
2,4-Dinitrotoluene, ug/l	<10
Diethylphthalate, ug/l	<10
N-Nitrosodiphenylamine/diphenylamine, ug/l	<10
Hexachlorobenzene, ug/l	<10

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Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-18	Equipment Blank	04-15-96

PARAMETER	70890-18
Gamma-BHC, ug/l	<10
4-Bromophenyl-phenyl-ether, ug/l	<10
Delta-BHC, ug/l	<10
Phenanthrene, ug/l	<10
Anthracene, ug/l	<10
Beta-BHC, ug/l	<10
Heptachlor, ug/l	<20
Alpha-BHC, ug/l	<10
Aldrin, ug/l	<10
Di-n-butylphthalate, ug/l	<10
Heptachlor epoxide, ug/l	<20
Endosulfan I, ug/l	<20
Fluoranthene, ug/l	<10
Dieldrin, ug/l	<10
4,4'-DDE, ug/l	<10
Pyrene, ug/l	<10
Endrin, ug/l	<20
Endosulfan II, ug/l	<20
4,4'-DDD, ug/l	<10
Benzidine, ug/l	<80
4,4'-DDT, ug/l	<10
Endosulfan sulfate, ug/l	<20
Endrin Aldehyde, ug/l	<50
Butylbenzylphthalate, ug/l	<10
Bis(2-Ethylhexyl)phthalate, ug/l	<10
Chrysene, ug/l	<5.0

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70890
Received: 16 APR 96
Reported: 03 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-18	Equipment Blank	04-15-96

PARAMETER	70890-18				
Benzo(a)anthracene, ug/l	<4.0				
3,3'-Dichlorobenzidine, ug/l	<20				
Di-n-octylphthalate, ug/l	<10				
Benzo(b)fluoranthene, ug/l	<4.0				
Benzo(k)fluoranthene, ug/l	<5.0				
Benzo(a)pyrene, ug/l	<4.0				
Indeno (1,2,3-cd)pyrene, ug/l	<5.0				
Dibenz(a,h)anthracene, ug/l	<5.0				
Benzo(g,h,i)perylene, ug/l	<10				
N-Nitrosodimethylamine, ug/l	<10				
Chlordane, ug/l	<50				
Toxaphene, ug/l	<2000				
Aroclor-1016, ug/l	<500				
Aroclor-1221, ug/l	<500				
Aroclor-1232, ug/l	<500				
Aroclor-1242, ug/l	<500				
Aroclor-1248, ug/l	<500				
Aroclor-1254, ug/l	<500				
Aroclor-1260, ug/l	<500				
2-Chlorophenol, ug/l	<10				
2-Nitrophenol, ug/l	<10				
Phenol, ug/l	<10				
2,4-Dimethylphenol, ug/l	<10				
2,4-Dichlorophenol, ug/l	<10				
2,4,6-Trichlorophenol, ug/l	<10				
4-Chloro-3-methylphenol, ug/l	<10				

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Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-18	Equipment Blank	04-15-96

PARAMETER	70890-18
2,4-Dinitrophenol, ug/l	<50
2-Methyl-4,6-dinitrophenol, ug/l	<50
Pentachlorophenol, ug/l	<20
4-Nitrophenol, ug/l	<50
Benzyl alcohol, ug/l	<10
2-Methylphenol (o-cresol), ug/l	<10
4-Methylphenol (p-cresol), ug/l	<10
Benzoic acid, ug/l	<50
4-Chloroaniline, ug/l	<20
1-Methylnaphthalene, ug/l	<10
2-Methylnaphthalene, ug/l	<10
2,4,5-Trichlorophenol, ug/l	<10
2-Nitroaniline, ug/l	<50
3-Nitroaniline, ug/l	<50
Dibenzofuran, ug/l	<10
4-Nitroaniline, ug/l	<50
Date Extracted	04.17.96
Date Analyzed	04.20.96
Method Number	EPA 8270
Dilution factor	1
Arsenic	
Arsenic, mg/l	<0.010
Date Analyzed	05.01.96
Method Number	EPA 7060
Barium	
Barium, mg/l	0.035
Date Analyzed	04.22.96
Method Number	EPA 6010

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Project: #869.50 (Willow Run)
Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-18	Equipment Blank	04-15-96

PARAMETER	70890-18
Cadmium (MIBK)	
Cadmium, mg/l	<0.000050
Date Analyzed	04.23.96
Method Number	EPA 7131
Chromium	
Chromium, mg/l	<0.010
Date Analyzed	04.22.96
Method Number	EPA 6010
Copper	
Copper, mg/l	<0.025
Date Analyzed	04.22.96
Method Number	EPA 6010
Lead	
Lead, mg/l	<0.0050
Date Analyzed	04.26.96
Method Number	EPA 7421
Mercury (7470/7471)	
Mercury, mg/l	<0.00020
Date Analyzed	04.23.96
Method Number	EPA 7470
Selenium (EPA 7742)	
Selenium, mg/l	<0.0020
Date Analyzed	04.24.96
Method Number	EPA 7742
Silver (MIBK)	
Silver, mg/l	<0.000050
Date Analyzed	04.22.96
Method Number	EPA 7761

SL SAVANNAH LABORATORIES
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Project: #869.50 (Willow Run)
Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70890-18	Equipment Blank	04-15-96

PARAMETER	70890-18
Zinc	
Zinc, mg/l	<0.020
Date Analyzed	05.02.96
Method Number	EPA 6010

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Project: #869.50 (Willow Run)
Sampled By: TT/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70890-19	Lab Blank
70890-20	Accuracy - % Recovery (Mean)
70890-21	Precision - Relative % Difference
70890-22	Detection Limit

PARAMETER	70890-19	70890-20	70890-21	70890-22
Semivolatile Organics (8270)				
1,3-Dichlorobenzene, ug/l	<10	---	---	10
1,4-Dichlorobenzene, ug/l	<10	82 %	18 %	10
Hexachloroethane, ug/l	<10	---	---	10
Bis(2-Chloroethyl)ether, ug/l	<10	---	---	10
1,2-Dichlorobenzene, ug/l	<10	---	---	10
Bis(2-chloroisopropyl)ether, ug/l	<10	---	---	10
N-Nitrosodi-N-Propylamine, ug/l	<10	82 %	13 %	10
Nitrobenzene, ug/l	<10	---	---	10
Hexachlorobutadiene, ug/l	<10	---	---	10
1,2,4-Trichlorobenzene, ug/l	<10	80 %	20 %	10
Isophorone, ug/l	<10	---	---	10
Naphthalene, ug/l	<5.0	---	---	5.0
Bis(2-Chloroethoxy)methane, ug/l	<10	---	---	10
Hexachlorocyclopentadiene, ug/l	<10	---	---	10
2-Chloronaphthalene, ug/l	<10	---	---	10
Acenaphthylene, ug/l	<10	---	---	10
Acenaphthene, ug/l	<10	80 %	12 %	10
Dimethylphthalate, ug/l	<10	---	---	10
2,6-Dinitrotoluene, ug/l	<10	---	---	10
Fluorene, ug/l	<10	---	---	10
4-Chlorophenyl-phenyl ether, ug/l	<10	---	---	10
2,4-Dinitrotoluene, ug/l	<10	93 %	6.4 %	10

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70890-19	Lab Blank
70890-20	Accuracy - % Recovery (Mean)
70890-21	Precision - Relative % Difference
70890-22	Detection Limit

PARAMETER	70890-19	70890-20	70890-21	70890-22
Diethylphthalate, ug/l	<10	---	---	10
N-Nitrosodiphenylamine/diphenylamine, ug/l	<10	---	---	10
Hexachlorobenzene, ug/l	<10	---	---	10
Gamma-BHC, ug/l	<10	---	---	10
4-Bromophenyl-phenyl-ether, ug/l	<10	---	---	10
Delta-BHC, ug/l	<10	---	---	10
Phenanthrene, ug/l	<10	---	---	10
Anthracene, ug/l	<10	---	---	10
Beta-BHC, ug/l	<10	---	---	10
Heptachlor, ug/l	<20	---	---	20
Alpha-BHC, ug/l	<10	---	---	10
Aldrin, ug/l	<10	---	---	10
Di-n-butylphthalate, ug/l	<10	---	---	10
Heptachlor epoxide, ug/l	<20	---	---	20
Endosulfan I, ug/l	<20	---	---	20
Fluoranthene, ug/l	<10	---	---	10
Dieldrin, ug/l	<10	---	---	10
4,4'-DDE, ug/l	<10	---	---	10
Pyrene, ug/l	<10	74 %	16 %	10
Endrin, ug/l	<20	---	---	20
Endosulfan II, ug/l	<20	---	---	20
4,4'-DDD, ug/l	<10	---	---	10
Benzidine, ug/l	<80	---	---	80

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70890-19	Lab Blank
70890-20	Accuracy - % Recovery (Mean)
70890-21	Precision - Relative % Difference
70890-22	Detection Limit

PARAMETER	70890-19	70890-20	70890-21	70890-22
4,4'-DDT, ug/l	<10	---	---	10
Endosulfan sulfate, ug/l	<20	---	---	20
Endrin Aldehyde, ug/l	<50	---	---	50
Butylbenzylphthalate, ug/l	<10	---	---	10
Bis(2-Ethylhexyl)phthalate, ug/l	<10	---	---	10
Chrysene, ug/l	<5.0	---	---	5.0
Benzo(a)anthracene, ug/l	<4.0	---	---	4.0
3,3'-Dichlorobenzidine, ug/l	<20	---	---	20
Di-n-octylphthalate, ug/l	<10	---	---	10
Benzo(b)fluoranthene, ug/l	<4.0	---	---	4.0
Benzo(k)fluoranthene, ug/l	<5.0	---	---	5.0
Benzo(a)pyrene, ug/l	<4.0	---	---	4.0
Indeno (1,2,3-cd)pyrene, ug/l	<5.0	---	---	5.0
Dibenz(a,h)anthracene, ug/l	<5.0	---	---	5.0
Benzo(g,h,i)perylene, ug/l	<10	---	---	10
N-Nitrosodimethylamine, ug/l	<10	---	---	10
Chlordane, ug/l	<50	---	---	50
Toxaphene, ug/l	<2000	---	---	2000
Aroclor-1016, ug/l	<500	---	---	500
Aroclor-1221, ug/l	<500	---	---	500
Aroclor-1232, ug/l	<500	---	---	500
Aroclor-1242, ug/l	<500	---	---	500
Aroclor-1248, ug/l	<500	---	---	500

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70890-19	Lab Blank
70890-20	Accuracy - % Recovery (Mean)
70890-21	Precision - Relative % Difference
70890-22	Detection Limit

PARAMETER	70890-19	70890-20	70890-21	70890-22
Aroclor-1254, ug/l	<500	---	---	500
Aroclor-1260, ug/l	<500	---	---	500
2-Chlorophenol, ug/l	<10	70 %	16 %	10
2-Nitrophenol, ug/l	<10	---	---	10
Phenol, ug/l	<10	70 %	14 %	10
2,4-Dimethylphenol, ug/l	<10	---	---	10
2,4-Dichlorophenol, ug/l	<10	---	---	10
2,4,6-Trichlorophenol, ug/l	<10	---	---	10
4-Chloro-3-methylphenol, ug/l	<10	74 %	15 %	10
2,4-Dinitrophenol, ug/l	<50	---	---	50
2-Methyl-4,6-dinitrophenol, ug/l	<50	---	---	50
Pentachlorophenol, ug/l	<20	78 %	8.9 %	20
4-Nitrophenol, ug/l	<50	74 %	4.0 %	50
Benzyl alcohol, ug/l	<10	---	---	10
2-Methylphenol (o-cresol), ug/l	<10	---	---	10
4-Methylphenol (p-cresol), ug/l	<10	---	---	10
Benzoic acid, ug/l	<50	---	---	50
4-Chloroaniline, ug/l	<20	---	---	20
1-Methylnaphthalene, ug/l	<10	---	---	10
2-Methylnaphthalene, ug/l	<10	---	---	10
2,4,5-Trichlorophenol, ug/l	<10	---	---	10
2-Nitroaniline, ug/l	<50	---	---	50
3-Nitroaniline, ug/l	<50	---	---	50
Dibenzofuran, ug/l	<10	---	---	10
4-Nitroaniline, ug/l	<50	---	---	50
Date Extracted	04.17.96	---	---	---
Date Analyzed	04.19.96	---	---	---
Method Number	EPA 8270	---	---	---

SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70890-19	Lab Blank
70890-20	Accuracy - % Recovery (Mean)
70890-21	Precision - Relative % Difference
70890-22	Detection Limit

PARAMETER	70890-19	70890-20	70890-21	70890-22
Arsenic				
Arsenic, mg/l	<0.010	93 %	6.4 %	0.010
Date Analyzed	05.01.96	---	---	---
Method Number	EPA 7060	---	---	---
Barium				
Barium, mg/l	<0.010	98 %	0 %	0.010
Date Analyzed	04.29.96	---	---	---
Method Number	EPA 6010	---	---	---
Cadmium (MIBK)				
Cadmium, mg/l	<0.000050	116 %	9.5 %	0.000050
Date Analyzed	04.19.96	---	---	---
Method Number	EPA 7131	---	---	---
Chromium				
Chromium, mg/l	<0.010	92 %	1.1 %	0.010
Date Analyzed	04.29.96	---	---	---
Method Number	EPA 6010	---	---	---
Copper				
Copper, mg/l	<0.025	96 %	1.0 %	0.025
Date Analyzed	04.29.96	---	---	---
Method Number	EPA 6010	---	---	---
Lead				
Lead, mg/l	<0.0050	96 %	2.1 %	0.0050
Date Analyzed	04.26.96	---	---	---
Method Number	EPA 7421	---	---	---

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70890-19	Lab Blank
70890-20	Accuracy - % Recovery (Mean)
70890-21	Precision - Relative % Difference
70890-22	Detection Limit

PARAMETER	70890-19	70890-20	70890-21	70890-22
Mercury (7470/7471)				
Mercury, mg/l	<0.00020	95 %	4.2 %	0.00020
Date Analyzed	04.23.96	---	---	---
Method Number	EPA 7470	---	---	---
Selenium (EPA 7742)				
Selenium, mg/l	<0.0020	103 %	3.9 %	0.0020
Date Analyzed	04.24.96	---	---	---
Method Number	EPA 7742	---	---	---
Silver (MIBK)				
Silver, mg/l	<0.000050	94 %	1.1 %	0.000050
Date Analyzed	04.22.96	---	---	---
Method Number	EPA 7761	---	---	---
Zinc				
Zinc, mg/l	<0.020	90 %	1.1 %	0:020
Date Analyzed	04.29.96	---	---	---
Method Number	EPA 6010	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.
*NOTE: Total and Dissolved Cadmium results may be biased low due to high levels of iron in the samples.
**NOTE: Due to the abundance of the target analyte, the reported result was quantified by ICP to minimize dilution error. The result may be biased low due to high levels of iron in the sample.
*F65 = Elevated detection limits were reported due to sample matrix interference which required sample or extract dilution.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (305) 421-7400 — Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (205) 666-6633 — Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869.50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Tim Twist, Simon Sunderland	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) ✓ | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: 8270 | cadmium (7131) Total + Diss. | Silver (7761) | mercury (7470 Total + Diss. | lead (7421), Arsenic (7060) By Cr, Cu, Zn (6010) | Selenium (7741)

PAGE 2 OF 2

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED										REMARKS
4/15/96	09:56		MW-3-7	✓				2										All metals have
	10:28		MW-3-8	✓				2										Samples for total
	15:30		MW-16-1	✓				2	2	2	2	2						and dissolved-
	15:15		equipment blank	✓				2	1	1	1	1						(T) = total)
↓	15:30		Duplicate	✓				2	2	2	2	2						(D) = dissolved
																		Equipment blank
																		for total metals

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	4/9		[signature]	4/15/96	18:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[signature]	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	4/16/96	8:45	☐ YES ☐ NO		D6708 90	

Serial Number

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869-50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Tim Twist, Simon Sundelow	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
185 N.W. ~~Boca R~~ Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (oil, solvent, etc.)

REQUIRED ANALYSES: Cadmium (7131) Total; Cadmium (7131) Dissolved; Lead (7421) Total; Lead (7421) Dissolved; Mercury (7470) Total; Mercury (7470) Dissolved; Nickel (6010) Total; Nickel (6010) Dissolved; 8270

PAGE 1 OF 2

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS	SOLID	AIR	NONAQUEOUS	Cd Total (7131)	Cd Dissolved (7131)	Pb Total (7421)	Pb Dissolved (7421)	Hg Total (7470)	Hg Dissolved (7470)	Ni Total (6010)	Ni Dissolved (6010)	8270	REMARKS
4/14/96	11:35		MW-2-12A-1	✓				1	1	1	1	1	1				
	12:00		MW-2-13A-1	✓				1	1	1	1	1	1				
	12.48		MW-6-5A-1	✓				1	1	1	1	1	1	1	1		
	13:35		MW-7-3-1	✓				1	1	1	1	1	1				
	14:10		MW-1-5-1	✓				1	1	1	1			1	1		
	12:48		Duplicate GW-5	✓				1	1	1	1	1	1	1	1		
↓	11:25		Equipment blank GW-12	✓				1	~~1~~	1	~~1~~	1	~~1~~				
4/15/96	11:12		MW-2-12A-2	✓				1	1	1	1	1	1				
	11:35		MW-2-13A-2	✓				1	1	1	1	1	1				
	12:30		MW-6-5A-2	✓				1	1	1	1	1	1	1	1		
	13:~~30~~		MW-7-3-2	✓				1	1	1	1	1	1				
	14:00		MW-1-5-2	✓				1	1	1	1			1	1		
↓	09:45		MW-3-6	✓												2	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	4/5		[signature]	4/15/96	15:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[signature]	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	4/16/96	8:25	☐ YES ☐ NO		D670850	

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES. INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70894
Received: 16 APR 96
Reported: 06 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.50 (Willow Run)
Sampled By: M. Mueller

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70894-1	SB-2-26 1-3'	04-12-96
70894-2	SB-2-26 3-5'	04-12-96
70894-3	SB-2-26 5-7'	04-12-96
70894-4	SB-2-26 7-9'	04-12-96
70894-5	SB Duplicate #1	04-12-96

PARAMETER	70894-1	70894-2	70894-3	70894-4	70894-5
Lead					
Lead, mg/kg dw	1200*F23	730	140	120	130
Date Analyzed	04.30.96	04.26.96	04.26.96	04.26.96	05.07.96
Method Number	EPA 6010	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	87	89	91	94	88

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70894-6	SB-2-9A 1-3'	04-13-96
70894-7	SB-2-9A 3-5'	04-13-96
70894-8	SB-2-9A 5-7'	04-13-96
70894-9	SB-2-9A 7-9'	04-13-96
70894-10	Duplicate #8	04-13-96

PARAMETER	70894-6	70894-7	70894-8	70894-9	70894-10
Lead					
Lead, mg/kg dw	260	320	74	6.2	240
Date Analyzed	04.20.96	04.20.96	04.20.96	04.20.96	05.01.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	90	89	88	89	89

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70894-11	SB-2-6A 1-3'	04-15-96
70894-12	SB-2-6A 3-5'	04-15-96
70894-13	SB-2-6A 5-7'	04-15-96
70894-14	Duplicate #100	04-15-96
70894-15	SB-2-10A 1-3'	04-13-96

PARAMETER	70894-11	70894-12	70894-13	70894-14	70894-15
Lead					
Lead, mg/kg dw	28	34	2300*F23	580	710*F23
Date Analyzed	04.20.96	04.20.96	04.30.96	05.01.96	04.30.96
Method Number	EPA 7421	EPA 7421	EPA 6010	EPA 7421	EPA 6010
Percent Solids, %	92	89	83	81	88

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70894-16	SB-2-10A 3-5'	04-13-96
70894-17	SB-2-10A 5-7'	04-13-96
70894-18	SB-2-10A 7-9'	04-13-96
70894-19	Duplicate #177	04-13-96
70894-20	SB-2-14 1-3'	04-13-96

PARAMETER	70894-16	70894-17	70894-18	70894-19	70894-20
Lead					
Lead, mg/kg dw	910*F23	890*F23	400	200	55
Date Analyzed	04.30.96	04.30.96	04.23.96	05.02.96	04.24.96
Method Number	EPA 6010	EPA 6010	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	85	80	83	84	88

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70894-21	SB-2-14 3-5'	04-13-96
70894-22	SB-2-14 5-7'	04-13-96
70894-23	SB-2-14 7-9'	04-13-96
70894-24	Duplicate #6	04-13-96
70894-25	SB-2-22 1-3'	04-13-96

PARAMETER	70894-21	70894-22	70894-23	70894-24	70894-25
Lead					
Lead, mg/kg dw	9200*F23	12000*F23	18000*F23	10000*F23	410
Date Analyzed	04.30.96	04.30.96	04.30.96	05.03.96	05.07.96
Method Number	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 7421
Percent Solids, %	82	83	82	80	90

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70894-26	SB-2-22 3-5'	04-13-96
70894-27	SB-2-22 5-7'	04-13-96
70894-28	SB-2-22 7-9'	04-13-96
70894-29	SB-2-22 9-11'	04-13-96
70894-30	Duplicate #3	04-13-96

PARAMETER	70894-26	70894-27	70894-28	70894-29	70894-30
Lead					
Lead, mg/kg dw	1900*F23	1000*F23	1600*F23	690	4600*F23
Date Analyzed	04.30.96	04.30.96	04.30.96	05.01.96	05.03.96
Method Number	EPA 6010	EPA 6010	EPA 6010	EPA 7421	EPA 6010
Percent Solids, %	76	87	84	81	80

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70894-31	Duplicate #20	04-13-96
70894-32	SB-2-23 1-3'	04-13-96
70894-33	SB-2-23 3-5'	04-13-96
70894-34	Duplicate #9	04-13-96
70894-35	SB-2-11 1-3'	04-15-96

PARAMETER	70894-31	70894-32	70894-33	70894-34	70894-35
Lead					
Lead, mg/kg dw	5.7	1400*F23	11000*F23	3400*F23	1300*F23
Date Analyzed	05.01.96	04.30.96	04.30.96	05.03.96	04.30.96
Method Number	EPA 7421	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Percent Solids, %	87	88	83	86	87

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70894-36	SB-2-11 3-5'	04-15-96
70894-37	SB-2-11 5-7'	04-15-96
70894-38	Duplicate #13	04-15-96
70894-39	SB-2-16 1-3'	04-15-96
70894-40	SB-2-16 3-5'	04-15-96

PARAMETER	70894-36	70894-37	70894-38	70894-39	70894-40
Lead					
Lead, mg/kg dw	21000*F23	180	140	1200*F23	6800*F23
Date Analyzed	04.30.96	04.24.96	05.01.96	04.30.96	04.30.96
Method Number	EPA 6010	EPA 7421	EPA 7421	EPA 6010	EPA 6010
Percent Solids, %	76	80	86	88	86

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70894-41	SB-2-16 5-7'	04-15-96
70894-42	SB-2-16 7-9'	04-15-96
70894-43	Duplicate #14	04-15-96
70894-44	SB-2-25 1-3'	04-15-96
70894-45	SB-2-25 3-5'	04-15-96

PARAMETER	70894-41	70894-42	70894-43	70894-44	70894-45
Lead					
Lead, mg/kg dw	2700*F23	4200*F23	1400*F23	580	7600*F23
Date Analyzed	04.30.96	04.30.96	05.03.96	04.29.96	04.30.96
Method Number	EPA 6010	EPA 6010	EPA 6010	EPA 7421	EPA 6010
Percent Solids, %	85	86	86	90	81

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70894-46	SB-2-25 5-7'	04-15-96
70894-47	SB-2-25 7-9'	04-15-96
70894-48	SB-2-25 9-11'	04-15-96
70894-49	Duplicate #19	04-15-96
70894-50	SB-2-24 1-3'	04-15-96

PARAMETER	70894-46	70894-47	70894-48	70894-49	70894-50
Lead					
Lead, mg/kg dw	890*F23	1100*F23	410	7400*F23	920*F23
Date Analyzed	04.30.96	04.30.96	04.29.96	05.03.96	04.30.96
Method Number	EPA 6010	EPA 6010	EPA 7421	EPA 6010	EPA 6010
Percent Solids, %	81	79	90	84	81

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70894-51	SB-2-24 3-5'	04-15-96
70894-52	SB-2-24 5-7'	04-15-96
70894-53	SB-2-24 7-9'	04-15-96
70894-54	SB-2-24 9-11'	04-15-96
70894-55	Duplicate #4	04-15-96

PARAMETER	70894-51	70894-52	70894-53	70894-54	70894-55
Lead					
Lead, mg/kg dw	720*F23	24	21	3.9	8.0
Date Analyzed	04.30.96	04.26.96	05.01.96	05.02.96	05.01.96
Method Number	EPA 6010	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	87	91	88	82	82

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
70894-56	SB-2-28 1-3'	04-15-96
70894-57	SB-2-28 3-5'	04-15-96
70894-58	SB-2-28 5-7'	04-15-96
70894-59	SB-2-28 7-9'	04-15-96
70894-60	Duplicate #7	04-15-96

PARAMETER	70894-56	70894-57	70894-58	70894-59	70894-60
Lead					
Lead, mg/kg dw	54	6.6	4.8	6.3	6.1
Date Analyzed	05.02.96	05.02.96	05.02.96	05.02.96	05.01.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	91	93	92	84	84

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70894-61	Equipment Blank #1	04-13-96
70894-62	Equipment Blank #2	04-13-96
70894-63	Equipment Blank #3	04-13-96
70894-64	Equipment Blank #4	04-13-96
70894-65	Equipment Blank #5	04-15-96

PARAMETER	70894-61	70894-62	70894-63	70894-64	70894-65
Lead					
Lead, mg/l	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Date Analyzed	04.19.96	04.19.96	04.19.96	04.19.96	04.19.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421

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LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70894-66	Equipment Blank #6	04-15-96
70894-67	Equipment Blank #7	04-15-96
70894-68	Equipment Blank #8	04-15-96

PARAMETER	70894-66	70894-67	70894-68
Lead			
Lead, mg/l	<0.0050	<0.0050	<0.0050
Date Analyzed	04.19.96	04.19.96	04.19.96
Method Number	EPA 7421	EPA 7421	EPA 7421

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
70894-69	Lab Blank
70894-70	Accuracy - % Recovery (Mean)
70894-71	Precision - Relative % Difference
70894-72	Detection Limit

PARAMETER	70894-69	70894-70	70894-71	70894-72
Lead				
Lead, mg/kg dw	<0.50	98 %	3.1 %	0.50
Date Analyzed	04.20.96	---	---	---
Method Number	EPA 7421	---	---	---

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
70894-73	Lab Blank
70894-74	Accuracy - % Recovery (Mean)
70894-75	Precision - Relative % Difference
70894-76	Detection Limit

PARAMETER	70894-73	70894-74	70894-75	70894-76
Lead				
Lead, mg/kg dw	<0.50	100 %	0 %	0.50
Date Analyzed	04.26.96	---	---	---
Method Number	EPA 7421	---	---	---

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
70894-77	Lab Blank
70894-78	Accuracy - % Recovery (Mean)
70894-79	Precision - Relative % Difference
70894-80	Detection Limit

PARAMETER	70894-77	70894-78	70894-79	70894-80
Lead				
Lead, mg/kg dw	<0.50	91 %	2.2 %	0.50
Date Analyzed	05.01.96	---	---	---
Method Number	EPA 7421	---	---	---

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70894-81	Lab Blank
70894-82	Accuracy - % Recovery (Mean)
70894-83	Precision - Relative % Difference
70894-84	Detection Limit

PARAMETER	70894-81	70894-82	70894-83	70894-84
Lead				
Lead, mg/l	<0.0050	103 %	0 %	0.0050
Date Analyzed	04.19.96	---	---	---
Method Number	EPA 7421	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.
*F23 = Due to the abundance of target analyte, the reported result was quantified by ICP to minimize dilution error.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 30491

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 3414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869.50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Mike Mueller	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Lead (7421)

PAGE 1 OF 6

☒ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/12/96	15:00		SB-2-26 1-3'		✓			1	
			SB-2-26 3-5'		✓			1	
			SB-2-26 5-7'		✓			1	
			SB-2-26 7-9'		✓			1	
↓	↓		SB Duplicate #1		✓			1	
4/13/96	12:25		SB-2-9A 1-3'		✓			1	
			SB-2-9A 3-5'		✓			1	
			SB-2-9A 5-7'		✓			1	
			SB-2-9A 7-9'		✓			1	
↓	↓		Duplicate #8		✓			1	
4/15/96	13:05		SB-2-6A 1-3'		✓			1	
			SB-2-6A 3-5'		✓			1	
↓	↓		SB-2-6A 5-7'		✓			1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	4/19		[signature]	4/15/96	18:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[signature]	4/15/96	~~18:00~~ 2245						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	4/16/96	8:45	☐ YES ☐ NO		D670894	

ORIGINAL

Serial Number

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (305) 421-7400 — Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (205) 666-6633 — Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869.50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Mike Mueller	(407) 750 - 3733	

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Lead (7421)

PAGE 2 OF 6

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: ____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/15/96	13:05		Duplicate # 100		✓			1	
4/15/96	11:35		SB-2-10A 1-3'		✓			1	
			SB-2-10A 3-5'		✓			1	
			SB-2-10A 5-7'		✓			1	
			SB-2-10A 7-9'		✓			1	
			Duplicate #17		✓			1	
4/13/96	11:30		SB-2-14 1-3'		✓			1	
			SB-2-14 3-5'		✓			1	
			SB-2-14 5-7'		✓			1	
			SB-2-14 7-9'		✓			1	
			Duplicate # 6		✓			1	
	10:40		SB-2-22 1-3'		✓			1	
			SB-2-22 3-5'		✓			1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	4/9		[signature]	4/15/96	18:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[signature]	4/16/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	4/16/96	8:45	☐ YES ☐ NO		D620894	

ORIGINAL

Serial Number 38795

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869-50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Mike Mueller	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) ✓ | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Lead (7421)

PAGE 3 OF 6

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/13/96	10:40		SB-2-22 5-7	1	
			SB-2-22 7-9	1	
			SB-2-22 9-11	1	
	↓		Duplicate # 3	1	
	12:25		Duplicate # 20	1	
	10:00		SB-2-23 1-3'	1	
			SB-2-23 3-5'	1	
↓	↓		Duplicate # 9	1	
4/15/96	12:05		SB-2-11 1-3'	1	
			SB-2-11 3-5'	1	
			SB-2-11 5-7'	1	
	↓		Duplicate # 13	1	
↓	11:00		SB-2-16 1-3'	1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	4/15		[signature]	4/15/96	18:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[signature]	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	4/16/96	9:45	☐ YES ☐ NO		D62089	

ORIGINAL

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 510 ... Roche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (91. ... 0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (305) 421-7400 — Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (205) 666-6633 — Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE: Willow Run
PROJECT NO.: 869.50
P.O. NUMBER:
PAGE 4 OF 6

PROJECT LOC. (State): FL
SAMPLER(s) NAME: Mike Mueller
PHONE: (407) 750-3733
FAX:

CLIENT NAME: BBL
CLIENT PROJECT MANAGER: Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd, Boca Raton, FL 33431

REQUIRED ANALYSES: Lead (7421)

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/15/96	11:00		SB-2-16 3-5'	✓				1	
			SB-2-16 5-7'	✓				1	
			SB-2-16 7-9'	✓				1	
			Duplicate #14	✓				1	
4/12/96	10:40		SB-2-19 1-3'	✓				1	Did not receive these samples 4-16-96 mgw
			SB-2-19 3-5'	✓				1	
			SB-2-19 5-7'	✓				1	
			SB-2-19 7-9'	✓				1	
			SB-2-19 9-11'	✓				1	
			Duplicate #25	✓				1	
4/15/96	14:20		SB-2-24 1-3'	✓				1	
			SB-2-24 3-5'	✓				1	
			SB-2-24 5-7'	✓				1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Paul Clarke	4/9		Dawn Sunderland	4/15/96	18:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Dawn Sunderland	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Carolyn H	4/16/96	8:45	☐ YES ☐ NO		D670894	

ORIGINAL

Serial Number 30[illegible]

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404	Phone: (912) 354-7858	Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301	Phone: (904) 878-3994	Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442	Phone: (305) 421-7400	Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693	Phone: (205) 666-6633	Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634	Phone: (813) 885-7427	Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047	Phone: (504) 764-1100	Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869.50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Mike Mueller	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
RBL	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Lead (7421)

PAGE 5 OF 6

☒ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/13/96	14:20		SA-2-24 7-9'		✓			1	
			SB-2-24 9-11'		✓			1	
	↓		Duplicate #4		✓			1	
	15:40		SB-2-28 1-3'		✓			1	
			SB-2-28 3-5'		✓			1	
			SB-2-28 5-7'		✓			1	
			SB-2-28 7-9'		✓			1	
↓	↓		Duplicate #7		✓			1	
4/13/96	09:35		Equipment Blank #1	✓				1	
	10:15		Equipment Blank #2	✓				1	
	11:05		Equipment Blank #3	✓				1	
↓	12:20		Equipment Blank #4	✓				1	
4/15/96	11:18		Equipment Blank #5	✓				1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	4/9		[signature]	4/15/96	18:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[signature]	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	4/16/96	8:45	☐ YES ☐ NO		D670894	

ORIGINAL

Serial Number 38643

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐	5102 LaRoche Avenue, Savannah, GA 31404	Phone: (912) 354-7858	Fax: (912) 352-0165
☐	2846 Industrial Plaza Drive, Tallahassee, FL 32301	Phone: (904) 878-3994	Fax: (904) 878-9504
☒	414 SW 12th Avenue, Deerfield Beach, FL 33442	Phone: (305) 421-7400	Fax: (305) 421-2584
☐	900 Lakeside Drive, Mobile, AL 36693	Phone: (205) 666-6633	Fax: (205) 666-6696
☐	6712 Benjamin Road, Suite 100, Tampa, FL 33634	Phone: (813) 885-7427	Fax: (813) 885-7049
☐	100 Alpha Drive, Suite 110, Destrehan, LA 70047	Phone: (504) 764-1100	Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Willow Run	869.50	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Mike Mueller	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: lead (7421)

PAGE 1 OF 1

☒ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/15/96	14:00		Equipment Blank #6	✓				1	
↓	14:30		Equipment Blank #7	✓				1	
↓	15:30		Equipment Blank #8	✓				1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	4/9		[signature]	4/15/96	18:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[signature]	4/11/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	4/16/96	8:45	☐ YES ☐ NO		D67894	

ORIGINAL

South Culvert Extension on CVO Property

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

RECEIVED
OCT 4. 1996
BLASLAND, BOUCK & LEE
BOCA RATON, FL

LOG NO: D6-72155
Received: 17 SEP 96
Reported: 30 SEP 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM
Code: 181460930

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72155-1	SB-2-29 (0-2')	09-16-96/1727
72155-2	SB-2-29 (2-4')	09-16-96/1727
72155-3	SB-2-29 (4-6')	09-16-96/1727
72155-4	SB-2-29 (6-8')	09-16-96/1727
72155-5	SB-2-29 (8-10')	09-16-96/1727

PARAMETER	72155-1	72155-2	72155-3	72155-4	72155-5
Lead (7421)					
Lead, mg/kg dw	1400*F23	2300*F23	96000*F23	11000*F23	31000*F23
Date Analyzed	09.25.96	09.25.96	09.25.96	09.25.96	09.25.96
Method Number	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Percent Solids, %	94	92	90	89	88

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72155
Received: 17 SEP 96
Reported: 30 SEP 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM
Code: 181460930

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72155-6	SB-2-30 (0-2')	09-16-96/1629
72155-7	SB-2-30 (2-4')	09-16-96/1629
72155-8	SB-2-30 (4-6')	09-16-96/1629
72155-9	SB-2-30 (6-8')	09-16-96/1629
72155-10	SB-2-30 (8-10')	09-16-96/1629

PARAMETER	72155-6	72155-7	72155-8	72155-9	72155-10
Lead (7421)					
Lead, mg/kg dw	13	220	940*F23	1800*F23	120
Date Analyzed	09.26.96	09.26.96	09.25.96	09.25.96	09.26.96
Method Number	EPA 7421	EPA 7421	EPA 6010	EPA 6010	EPA 7421
Percent Solids, %	94	92	92	89	78

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72155
Received: 17 SEP 96
Reported: 30 SEP 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM
Code: 181460930

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72155-11	SB-2-DUP	09-16-96

PARAMETER	72155-11
Lead (7421)	
Lead, mg/kg dw	4000*F23
Date Analyzed	09.25.96
Method Number	EPA 6010
Percent Solids, %	89

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72155
Received: 17 SEP 96
Reported: 30 SEP 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM
Code: 181460930

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72155-12	SB-2-EQ BLK	09-16-96/1647

PARAMETER	72155-12
Lead (7421)	
Lead, mg/l	<0.0050
Date Analyzed	09.20.96
Method Number	EPA 7421

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72155
Received: 17 SEP 96
Reported: 30 SEP 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM
Code: 181460930

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72155-13	Lab Blank
72155-14	Accuracy - % Recovery (Mean)
72155-15	Precision - Relative % Difference
72155-16	Detection Limit

PARAMETER	72155-13	72155-14	72155-15	72155-16
Lead (7421)				
Lead, mg/kg dw	<0.50	101 %*F81	0 %	0.50
Date Analyzed	09.26.96	---	---	---
Method Number	EPA 7421	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.

Paul Canevaro, Project Manager

Final Page Of Report

Pam Sorry, but we did not have any of your chains available

Savannah LAB

ECI

ENVIRONMENTAL COMPLIANCE, INC.

35826 Grand River Ave., Suite 151 • Farmington Hills, MI 48335 • Phone (810) 557-2707 • Fax (810) 528-5174

CHAIN OF CUSTODY RECORD

Date: 9/16/96

Purchase Order No.: 48043 | Reference No.: 48043

SEND INVOICE TO

Name: Barbara Sullivan
Company: BBL | Dept.:
Address: 185 Spanish River Blvd, Suite 110
City, State, Zip: Boca Raton, FL 33431

REPORT RESULTS TO

Name: Barbara Sullivan | Title:
Company: BBL
Mailing Address: 185 Spanish River Blvd, Suite 110
City, State, Zip: Boca Raton, FL 33431
Telephone No: 561-750-3733 | Fax No: 561-395-6745

Special Instructions:

Sampler: Carol Denahan / Mike Mueller

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE/ GRAB	PRESERVATIVES	Number of Containers	ANALYSIS REQUESTED: 7421	ANALYSIS REQUESTED: PB ask Barb	Remarks (matrix)
SB-2-(D)27 29 (0-2') 1727	9/16/96	G	—	1	✓		Soil
SB-2-(D)27 29 (2-4') 1727	9/16/96	G	—	1	✓		Soil
SB-2-(D)27 29 (4-6') 1727	9/16/96	G	—	1	✓		Soil
SB-2-29 (6-8') 1727	9/16/96	G	—	1	✓		Soil
SB-2-29 (8-10') 1727	9/16/96	G	—	1	✓		Soil
SB-2-(D)28 30 (0-2') 1629	9/16/96	G	—	1	✓		Soil
SB-2-(D)28 30 (2-4') 1629	9/16/96	G	—	1	✓		Soil
SB-2-(D)28 30 (4-6') 1629	9/16/96	G	—	1	✓		Soil
SB-2-30 (6-8') 1629	9/16/96	G	—	1	✓		Soil
(D) SB-2-30 (8-10') 1629	9/16/96	G	—	1	✓		Soil
EQ BLK SB-2-EQ BLK 1647	9/16/96	G	HNO_3	1		✓	water from LAB
DUP (D) SB-2-Dup ✓	9/16/96	G	—	1	✓		Soil

Relinquished by:	Date/Time	Received by: Carol Denahan	Date/Time 9/16/96 0930
Relinquished by: Carol Denahan to FED EX 1815	Date/Time 9/16/96	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment: FED EX to Savannah Lab - Deerfield

Authorized by: Carol Denahan Date: 9/16/96
(Client Signature Must Accompany Request)

Rush	5 Working Days	7 Working Days	Sampling Location:
		Standard TAT	CAT SITE Willow Run, MI

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72913
Received: 17 DEC 96
Reported: 10 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 154370128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72913-1	SB-2-31 (2"-8")	12-16-96/1329
72913-2	SB-2-31 (8"-2.2')	12-16-96/1331
72913-3	SB-2-31 (2.2-4.2')	12-16-96/1326
72913-4	SB-2-31 (4.2'-6.2')	12-16-96/1347
72913-5	SB-2-31 (6.2'-8.2')	12-16-96/1350

PARAMETER	72913-1	72913-2	72913-3	72913-4	72913-5
Lead (7421)					
Lead, mg/kg dw	5.1	740	77	8.2	5.1
Date Analyzed	01.02.97	01.02.97	01.03.97	01.03.97	01.03.97
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	96	89	91	88	86

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

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Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 154370128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72913-6	SB-2-31 (8.2-10.2)	12-16-96/1353
72913-7	SB-2-32 (2"-8")	12-16-96/1521
72913-8	SB-2-32 (8'-2.2')	12-16-96/1522
72913-9	SB-2-32 (2.2'-4.2')	12-16-96/1528
72913-10	SB-2-32 (4.2'-6.2')	12-16-96/1530

PARAMETER	72913-6	72913-7	72913-8	72913-9	72913-10
Lead (7421)					
Lead, mg/kg dw	5.4	450	110	3.7	3.1
Date Analyzed	01.02.97	01.03.97	01.03.97	01.03.97	01.03.97
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	80	85	88	93	91

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Sampled By: CD/AF
Code: 154370128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72913-11	SB-2-32 (6.2'-8.2')	12-16-96/1533
72913-12	SB-2-32 (8.2'-10.0')	12-16-96/1535
72913-13	SB-2-33 (2"-8")	12-16-96/1439
72913-14	SB-2-33 (8"-2.2')	12-16-96/1442
72913-15	SB-2-33 (2.2'-4.2')	12-16-96/1445

PARAMETER	72913-11	72913-12	72913-13	72913-14	72913-15
Lead (7421)					
Lead, mg/kg dw	4.4	5.5	140	160	58
Date Analyzed	01.03.97	01.03.97	01.03.97	01.03.97	01.03.97
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	84	82	93	92	89

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Sampled By: CD/AF
Code: 154370128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72913-16	SB-2-33 (4.2'-6.2')	12-16-96/1449
72913-17	SB-2-33 (6.2'-8.2')	12-16-96/1451
72913-18	SB-2-34 (2"-8")	12-16-96/1415
72913-19	SB-2-34 (8"-2.2")	12-16-96/1418
72913-20	SB-2-34 (2.2'-4.2')	12-16-96/1420

PARAMETER	72913-16	72913-17	72913-18	72913-19	72913-20
Lead (7421)					
Lead, mg/kg dw	29	70	5.8	93	5.0
Date Analyzed	01.03.97	01.03.97	01.03.97	01.03.97	01.03.97
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	90	92	94	89	94

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Sampled By: CD/AF
Code: 154370128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72913-21	SB-2-34 (4.2'-6.2')	12-16-96/1423
72913-22	SB-2-34 (6.2'-8.2')	/1425
72913-23	SB-2-34 (8.2'-10')	12-16-96/1425
72913-24	SB-2-33 (8.2-11')	12-16-96/1454
72913-25	Duplicate 2 M2	12-16-96

PARAMETER	72913-21	72913-22	72913-23	72913-24	72913-25
Lead (7421)					
Lead, mg/kg dw	6.5	4.0	4.6	30	4.4
Date Analyzed	01.03.97	01.03.97	01.03.97	01.03.97	01.03.97
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	87	85	86	83	88

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Received: 17 DEC 96
Reported: 10 JAN 97

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185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 154370128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72913-26	Duplicate 3 M2	12-16-96

PARAMETER	72913-26
Lead (7421)	
Lead, mg/kg dw	180
Date Analyzed	01.03.97
Method Number	EPA 7421
Percent Solids, %	90

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Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 154370128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72913-27	Lab Blank
72913-28	Accuracy - % Recovery (Mean)
72913-29	Precision - Relative % Difference
72913-30	Detection Limit

PARAMETER	72913-27	72913-28	72913-29	72913-30
Lead (7421)				
Lead, mg/kg dw	<0.50	106 %	1.9 %	0.50
Date Analyzed	01.02.97	---	---	---
Method Number	EPA 7421	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 44139

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☐ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Former South Culvert Area (PAOC 2)	480.75	

PROJECT LOC. (State)	SAMPLER(S) NAME	PHONE / FAX
MICHIGAN	Carol Renahan, Alan Fass	(561) 750-3733

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
185 NW Spanish River Blvd.
Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421), 8260

PAGE 1 OF 2

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID	NUMBER OF CONTAINERS SUBMITTED: Pb (7421)	8260	REMARKS
12/6/96	13:29		SB-2-31-(2"-8")	✓				1	1*	* Hold 8260 Sample for PoM Approval
	13:31		SB-2-31-(8"-2.2')	✓				1		
	13:26		SB-2-31-(2.2'-4.2')	✓				1	1*	
	13:47		SB-2-31-(4.2'-6.2')	✓				1		
	13:50		SB-2-31-(6.2'-8.2')	✓				1		
	13:53		SB-2-31-(8.2-10.2)	✓				1		
	15:21		SB-2-32-(2"-8")	✓				1		
	15:22		SB-2-32-(8'-2.2')	✓				1		
	15:28		SB-2-32-(2.2'-4.2')	✓				1		
	15:30		SB-2-32-(4.2'-6.2')	✓				1		
	15:33		SB-2-32-(6.2'-8.2')	✓				1		
	15:35		SB-2-32-(8.2'-10.0')	✓				1		
↓	14:39		SB-2-33-(2"-8")	✓				1		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
			Alan Fass	12/6/96	1915			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Alan Fass	12/10/96	0000						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
	12/10/96		☐ YES ☐ NO		D67293	

ORIGINAL

Serial Number 42453

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404	Phone: (912) 354-7858	Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301	Phone: (904) 878-3994	Fax: (904) 878-9504
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☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047	Phone: (504) 764-1100	Fax: (504) 725-1163

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Former South Culvert Area (PAOC 2)	480.75	

PROJECT LOC. (State)	SAMPLER(S) NAME	PHONE	FAX
MICHIGAN	Carol Denahan, Alan Fass	(561) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421); 8260

PAGE 2 OF 2

☒ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/16/96	14:42		SB-2-33 (8"-2.2')	✓			1		* Hold 8260 sample for P.M. approval
	14:45		SB-2-33 (2.2'-4.2')	✓			1		
	14:49		SB-2-33 (4.2'-6.2')	✓			1		
	14:51		SB-2-33 (6.2'-8.2')	✓			1		
	14:15*		SB-2-34 (8.2'-8 1/2")	✓			1		
	14:18		SB-2-34 (8"-2.2')	✓			1		
	14:20		SB-2-34 (2.2'-4.2')	✓			1		
	14:23		SB-2-34 (4.2'-6.2')	✓			1		
	14:25		SB-2-34 (6.2'-8.2')	✓			1		
	14:27		SB-2-34 (8.2'-10)	✓			1		
↓	1454		SB-2-33 (8.2-11')	✓			1		
12/16/96			Duplicate 2 M2	✓			1	1*	
12/16/96			Duplicate 3 M2	✓			1		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
			Alan Fass	12/16/96	1915			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/17/96	10 00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Carol St	12/17/96		☐ YES ☐ NO		D672913	

ORIGINAL

Kaiser-Frazer Dump Area Phase III EOC Study

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72839
Received: 10 DEC 96
Reported: 12 DEC 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM/AF
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
72839-1	SB-18-12 (2"-8")	12-09-96
72839-2	SB-18-12 (8"-2.2')	12-09-96
72839-3	SB-18-12- (2.2'-4.2')	12-09-96
72839-4	SB-18-12 (4.2'-6.2')	12-09-96
72839-5	SB-18-12 (6.2'-8.2')	12-09-96

PARAMETER	72839-1	72839-2	72839-3	72839-4	72839-5
Lead (7421)					
Lead, mg/kg	23	56	230	9.2	3.8
Date Analyzed	12.12.96	12.11.96	12.11.96	12.12.96	12.11.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421

SL *SAVANNAH LABORATORIES*
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Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM/AF
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
72839-6	SB-18-12 (8.2'-10.2')	12-09-96
72839-7	SB-18-12 (10.2'-11.5')	12-09-96
72839-8	SB-18-13 (2"-8")	12-09-96
72839-9	SB-18-13 (8"-2.2')	12-09-96
72839-10	SB-18-13 (2.2'-4.2')	12-09-96

PARAMETER	72839-6	72839-7	72839-8	72839-9	72839-10
Lead (7421)					
Lead, mg/kg	5.0	2.3	43	12	4.0
Date Analyzed	12.11.96	12.11.96	12.11.96	12.11.96	12.11.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

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Received: 10 DEC 96
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Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM/AF
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
72839-11	SB-18-13 (4.2'-6.2')	12-09-96
72839-12	SB-18-13 (6.2'-8.2')	12-09-96
72839-13	SB-18-13 (8.2'-10.2')	12-09-96
72839-14	SB-18-13 (10.2'-11.5')	12-09-96
72839-15	SB-18-43 (0-6")	12-09-96

PARAMETER	72839-11	72839-12	72839-13	72839-14	72839-15
Lead (7421)					
Lead, mg/kg	3.7	3.8	3.0	2.7	2500*F23
Date Analyzed	12.12.96	12.11.96	12.11.96	12.11.96	12.12.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 6010

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Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM/AF
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
72839-16	SB-18-43 (6"-2')	12-09-96
72839-17	SB-18-43 (2'-4')	12-09-96
72839-18	SB-18-43 (4'-6')	12-09-96
72839-19	SB-18-43 (6'-8')	12-09-96
72839-20	SB-18-43 (8'-10')	12-09-96

PARAMETER	72839-16	72839-17	72839-18	72839-19	72839-20
Lead (7421)					
Lead, mg/kg	700	11	35	5.5	52
Date Analyzed	12.11.96	12.12.96	12.11.96	12.11.96	12.11.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72839
Received: 10 DEC 96
Reported: 12 DEC 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM/AF
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
72839-21	SB-18-43 (10'-12')	12-09-96
72839-22	SB-18-43 (12'-13')	12-09-96
72839-23	SB-18-1 (0-6")	12-09-96
72839-24	SB-18-1 (6"-2')	12-09-96
72839-25	SB-18-1 (2'-4')	12-09-96

PARAMETER	72839-21	72839-22	72839-23	72839-24	72839-25
Lead (7421)					
Lead, mg/kg	2.9	14	870*F23	2900*F23	820*F23
Date Analyzed	12.11.96	12.12.96	12.12.96	12.12.96	12.12.96
Method Number	EPA 7421	EPA 7421	EPA 6010	EPA 6010	EPA 6010

SL *SAVANNAH LABORATORIES*
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Sampled By: CD/MM/AF
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
72839-26	SB-18-1 (4'-6')	12-09-96
72839-27	SB-18-1 (6'-8')	12-09-96
72839-28	SB-18-1 (8'-10')	12-09-96
72839-29	SB-18-1 (10'-12')	12-09-96
72839-30	SB-18-1 (12'-13')	12-09-96

PARAMETER	72839-26	72839-27	72839-28	72839-29	72839-30
Lead (7421)					
Lead, mg/kg	1800*F23	3.9	3000*F23	300	810*F23
Date Analyzed	12.12.96	12.11.96	12.12.96	12.11.96	12.12.96
Method Number	EPA 6010	EPA 7421	EPA 6010	EPA 7421	EPA 6010

SL SAVANNAH LABORATORIES
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Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM/AF
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
72839-31	SB-18-8 (2"-8")	12-09-96
72839-32	SB-18-8 (8"-2.2')	12-09-96
72839-33	SB-18-8 (2.2'-4.2')	12-09-96
72839-34	SB-18-8 (4.2'-6.2')	12-09-96
72839-35	SB-18-8 (6.2'-8.2')	12-09-96

PARAMETER	72839-31	72839-32	72839-33	72839-34	72839-35
Lead (7421)					
Lead, mg/kg	11	720*F23	120	3.4	6.0
Date Analyzed	12.11.96	12.12.96	12.11.96	12.11.96	12.11.96
Method Number	EPA 7421	EPA 6010	EPA 7421	EPA 7421	EPA 7421

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Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM/AF
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
72839-36	SB-18-8 (8.2'-10.2')	12-09-96
72839-37	SB-18-8 (10.2'-12.2')	12-09-96
72839-38	SB-18-19 (2"-8")	12-09-96
72839-39	SB-18-19 (8"-2.2')	12-09-96
72839-40	SB-18-19 (2.2'-4.2')	12-09-96

PARAMETER	72839-36	72839-37	72839-38	72839-39	72839-40
Lead (7421)					
Lead, mg/kg	3.1	2.8	54	2200*F23	9.0
Date Analyzed	12.11.96	12.11.96	12.12.96	12.12.96	12.12.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 6010	EPA 7421

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Ms. Barbara Sullivan
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Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM/AF
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
72839-41	SB-18-19 (4.2'-6.2')	12-09-96
72839-42	SB-18-19 (6.2'-8.2')	12-09-96
72839-43	SB-18-19 (8.2'-10.2')	12-09-96
72839-44	SB-18-19 (10.2'-11.5')	12-09-96
72839-45	Duplicate 1	12-09-96

PARAMETER	72839-41	72839-42	72839-43	72839-44	72839-45
Lead (7421)					
Lead, mg/kg	38	4.6	6.9	4.6	7.6
Date Analyzed	12.12.96	12.12.96	12.11.96	12.12.96	12.12.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421

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Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM/AF
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
72839-46	Duplicate 2	12-09-96
72839-47	Duplicate 5	12-09-96

PARAMETER	72839-46	72839-47			
Lead (7421)					
Lead, mg/kg	7.8	1300*F23			
Date Analyzed	12.12.96	12.12.96			
Method Number	EPA 7421	EPA 6010			

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Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM/AF
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72839-48	Lab Blank
72839-49	Accuracy - % Recovery (Mean)
72839-50	Precision - Relative % Difference
72839-51	Detection Limit

PARAMETER	72839-48	72839-49	72839-50	72839-51
Lead (7421)				
Lead, mg/kg dw	<0.50	92 %*F3	1.1 %	0.50
Date Analyzed	12.11.96	---	---	---
Method Number	EPA 7421	---	---	---

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185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM/AF
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72839-52	Lab Blank
72839-53	Accuracy - % Recovery (Mean)
72839-54	Precision - Relative % Difference
72839-55	Detection Limit

PARAMETER	72839-52	72839-53	72839-54	72839-55
Lead (7421)				
Lead, mg/kg	<0.50	108 %	0 %	0.50
Date Analyzed	12.11.96	---	---	---
Method Number	EPA 7421	---	---	---

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Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM/AF
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72839-56	Lab Blank
72839-57	Accuracy - % Recovery (Mean)
72839-58	Precision - Relative % Difference
72839-59	Detection Limit

PARAMETER	72839-56	72839-57	72839-58	72839-59
Lead (7421)				
Lead, mg/kg	<0.50	102 %*F3	0.98 %	0.50
Date Analyzed	12.12.96	---	---	---
Method Number	EPA 7421	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.

*F3 = MS/MSD recoveries were based on a post- digestion/distillation spike.

*F23 = Due to the abundance of target analyte, the reported result was quantified by ICP to minimize dilution error.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 44438

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
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☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser - Frazer Area PAOC 18	480.43	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE / FAX
MICHIGAN	Carol Denahan, Mike Mueller, Alan Fass	561(750-3733)

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421)

PAGE 1 OF 4

☐ STANDARD REPORT DELIVERY

☒ EXPEDITED REPORT DELIVERY (surcharge) Date Due: 12/12/96 A.M.

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/9/96	17:04		SB-18-1 (0-6")	✓				1	
	17:08		SB-18-1 (6"-2')	✓				1	EXPEDITE
	16:56		SB-18-1 (2'-4')	✓				1	
	16:53		SB-18-1 (4'-6')	✓				1	48 HR
	16:49		SB-18-1 (6'-8')	✓				1	
	16:34		SB-18-1 (8'-10')	✓				1	TAT
	16:44		SB-18-1 (10'-12')	✓				1	
	16:29		SB-18-1 (12'-13')	✓				1	ALL
	09:30		SB-18-8 (2"-8")	✓				1	
	09:38		SB-18-8 (8"-2.2')	✓				1	SAMPLES
	09:42		SB-18-8 (2.2'-4.2')	✓				1	
	09:46		SB-18-8 (4.2'-6.2')	✓				1	
↓	09:47		SB-18-8 (6.2'-8.2')	✓				1	↓

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
			Alan Fass	12/9/96	19:00			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/9/96	08:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Cathy	12/10/96	9:30	☐ YES ☐ NO		D672839	

ORIGINAL

Serial Number 44454

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
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☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (205) 666-6633 — Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE: Kaiser-Frazer Area PAOC 18
PROJECT NO.: 480.43
P.O. NUMBER:
PROJECT LOC. (State): MICHIGAN
SAMPLER(s) NAME: Carol Denahan, Mike Mueller, Alan Fass
PHONE: (561) 750-3733
FAX:
CLIENT NAME: Blasland, Bouck & Lee
CLIENT PROJECT MANAGER: Barbara Sullivan
CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)
REQUIRED ANALYSES: Pb (7421)

☐ STANDARD REPORT DELIVERY
☒ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: 12/12/96 A.M.

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/9/96	09:51		SB-18-8 (8.2'-10.2')	✓				1	EXPEDITE!
	09:59		SB-18-8 (10.2'-12.2')	✓				1	
	10:22		SB-18-12 (2"-8")	✓				1	48 HR
	10:18		SB-18-12 (8"-2.2')	✓				1	
	10:35		SB-18-12 (2.2'-4.2')	✓				1	TAT
	10:42		SB-18-12 (4.2'-6.2')	✓				1	
	10:45		SB-18-12 (6.2'-8.2')	✓				1	ALL
	10:47		SB-18-12 (8.2'-10.2')	✓				1	SAMPLES
	10:52		SB-18-12 (10.2'-11.5')	✓				1	
	11:33		SB-18-13 (2"-8")	✓				1	
	11:36		SB-18-13 (8"-2.2')	✓				1	
	11:38		SB-18-13 (2.2'-4.2')	✓				1	
↓	11:40		SB-18-13 (4.2'-6.2')	✓				1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
			Alan Fass	12/9/96	19:00			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/9/96	08:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Carol	12/10/96	9:30	☐ YES ☐ NO		D672839	

ORIGINAL

Serial Number 44455

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
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☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Area PAOC 18	480.43	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE
MICHIGAN	Carol Denahan, Mike Mueller, Alan Fass	(561) 750-3733
		FAX

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
185 NW Spanish River Blvd.
Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421)

PAGE 3 OF 4

☐ STANDARD REPORT DELIVERY
☒ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: 12/12/96 A.M.

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS	SOLID	AIR	NONAQUEOUS	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/9/96	11:45		SB-18-13 (6.2'-8.2')	✓				1	X EXPEDITE
	11:47		SB-18-13 (8.2'-10.2')	✓				1	
	11:38		SB-18-13 (10.2'-11.5')	✓				1	
	12:10		SB-18-19 (2"-8")	✓				1	
	12:15		SB-18-19 (8"-2.2')	✓				1	48 hr
	12:18		SB-18-19 (2.2'-4.2')	✓				1	
	12:22		SB-18-19 (4.2'-6.2')	✓				1	TAT X
	12:29		SB-18-19 (6.2'-8.2')	✓				1	
	12:32		SB-18-19 (8.2'-10.2')	✓				1	
	12:34		SB-18-19 (10.2'-11.5')	✓				1	ALL SAMPLES
	14:10		SB-18-43 (0-6")	✓				1	
	14:14		SB-18-43 (6"-2')	✓				1	
↓	14:15		SB-18-43 (2'-4')	✓				1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
			Alan Fass	12/9/96	09:00			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/9/96	08:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
	12/10/96	9:30	☐ YES ☐ NO		D67283	

ORIGINAL

Serial Number 02449

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Area PAOC 18	480.43	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE
MICHIGAN	Carol Denahan, Mike Mueller, Alan Fass	(561) 750-3733
		FAX

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc.)

REQUIRED ANALYSES: Pb (7421)

PAGE 4 OF 4

☐ STANDARD REPORT DELIVERY

☒ EXPEDITED REPORT DELIVERY (surcharge) Date Due: 12/12/96 ALL

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS	SOLID	AIR	NONAQUEOUS	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/9/96	14:17		SB-18-43 (4'-6')	✓	✓			1	
	14:18		SB-18-43 (6'-8')		✓			1	EXPEDITE
	14:20		SB-18-43 (8'-10')		✓			1	
	14:21		SB-18-43 (10'-12')		✓			1	
	14:24		SB-18-43 (12'-13')		✓			1	48 HR
12/9/96			Duplicate 1		✓			1	
12/9/96			Duplicate 2		✓			1	TAT
			~~Duplicate 3~~ a/f						
			~~Duplicate 4~~ a/f						ALL
			Duplicate 5		✓			1	
									SAMPLES
									1

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Alan Fass	12/9/96	19:00			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass EMPTY CONTAINERS	12/9/96	08:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
	12/10/96	9:30	☐ YES ☐ NO		D672839	

ORIGINAL

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72840
Received: 10 DEC 96
Reported: 26 DEC 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72840-1	SB-18-37 (0-6")	12-09-96/1540
72840-2	SB-18-37 (6"-2')	12-09-96/1543
72840-3	SB-18-37 (2'-4')	12-09-96/1548
72840-4	SB-18-37 (4'-6')	12-09-96/1550
72840-5	SB-18-37 (6'-8')	12-09-96/1553

PARAMETER	72840-1	72840-2	72840-3	72840-4	72840-5
Lead (7421)					
Lead, mg/kg dw	4400*F23	200	47	13	3.1
Date Analyzed	12.19.96	12.18.96	12.18.96	12.18.96	12.18.96
Method Number	EPA 6010	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	90	90	91	98	97

SL *SAVANNAH LABORATORIES*
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LOG NO: D6-72840
Received: 10 DEC 96
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Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72840-6	SB-18-37 (8'-10')	12-09-96/1558
72840-7	SB-18-37 (10'-12')	12-09-96/1605
72840-8	SB-18-41 (0-6")	12-09-96/1500
72840-9	SB-18-41 (6"-2')	12-09-96/1507
72840-10	SB-18-41 (2'-4')	12-09-96/1505

PARAMETER	72840-6	72840-7	72840-8	72840-9	72840-10
Lead (7421)					
Lead, mg/kg dw	7.2	6.4	170	6.1	11
Date Analyzed	12.18.96	12.18.96	12.18.96	12.18.96	12.18.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	85	81	93	93	96

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Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72840-11	SB-18-41 (4'-6')	12-09-96/1508
72840-12	SB-18-41 (6'-8')	12-09-96/1512
72840-13	SB-18-41 (8'-10')	12-09-96/1514
72840-14	SB-18-41 (10'-12')	12-09-96/1518
72840-15	SB-18-41 (12'-13.5')	12-09-96/1520

PARAMETER	72840-11	72840-12	72840-13	72840-14	72840-15
Lead (7421)					
Lead, mg/kg dw	9.5	4.9	5.8	2.6	5.7
Date Analyzed	12.18.96	12.18.96	12.18.96	12.18.96	12.18.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	95	98	96	90	90

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Received: 10 DEC 96
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Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72840-16	Duplicate 3	12-09-96
72840-17	Duplicate 4	12-09-96

PARAMETER	72840-16	72840-17
Lead (7421)		
Lead, mg/kg dw	81	32
Date Analyzed	12.18.96	12.18.96
Method Number	EPA 7421	EPA 7421
Percent Solids, %	93	90

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Received: 10 DEC 96
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Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM
Code: 154161226

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
72840-18	Lab Blank
72840-19	Accuracy - % Recovery (Mean)
72840-20	Precision - Relative % Difference
72840-21	Detection Limit

PARAMETER	72840-18	72840-19	72840-20	72840-21
Lead (7421)				
Lead, mg/kg dw	<0.50	94 %*F3	5.3 %	0.50
Date Analyzed	12.18.96	---	---	---
Method Number	EPA 7421	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA 600/4-79-020.
*F3 = MS/MSD recoveries were based on a post- digestion/distillation spike.

*F23 = Due to the abundance of target analyte, the reported result was quantified by ICP to minimize dilution error.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 44650

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser - Frazer Area	480.43	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MICHIGAN	Carol Denahan, Mike Mueller	(561) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421)

PAGE 1 OF 2

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/9/96	15:40		SB-18-37 (0-6")	✓				1	
	15:43		SB-18-37 (6"-2')	✓				1	
	15:48		SB-18-37 (2'-4')	✓				1	
	15:50		SB-18-37 (4'-6')	✓				1	
	15:53		SB-18-37 (6'-8')	✓				1	
	15:58		SB-18-37 (8'-10')	✓				1	
	16:05		SB-18-37 (10'-12')	✓				1	
	15:00		SB-18-41 (0-6")	✓				1	
	15:07		SB-18-41 (6"-2')	✓				1	
	15:05		SB-18-41 (2'-4')	✓				1	
	15:09		SB-18-41 (4'-6')	✓				1	
	15:12		SB-18-41 (6'-8')	✓				1	
	15:14		SB-18-41 (8'-10')	✓				1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/9/96		[signature]	12/9/96	19:00			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Sass	12/9/96	08:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	12/10/96	7:30	☐ YES ☐ NO		D67840	

ORIGINAL

Serial Number 44449

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
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☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (205) 666-6633 — Fax: (205) 666-6696
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☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Area PAOC 18	480.43	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE / FAX
MICHIGAN	Carol Denahan, Alan Fass	(561) 750-3733

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, ~~FL 33431~~

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421)

PAGE 2 OF 2

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/9/96	15:18		SB-18-41 (10'-12')		✓			1	
↓	15:20		SB-18-41 (12'-13.5')		✓			1	
↓			Duplicate 3		✓			1	
↓			Duplicate 4		✓			1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Paul Maner	12/6		Alan Fass	12/9/96	19:00			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/9/96	08:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
	12/11/96	9:30	☐ YES ☐ NO		D672840	

ORIGINAL

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72873
Received: 13 DEC 96
Reported: 17 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 110470320

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-1	SB-18-2 (0-6")
72873-2	SB-18-2 (6"-2')
72873-3	SB-18-2 (2-4')
72873-4	SB-18-4 (0-6")
72873-5	SB-18-4 (6"-2')

PARAMETER	72873-1	72873-2	72873-3	72873-4	72873-5
Lead (7421)					
Lead, mg/kg dw	5300*F23	7300*F23	670	65	2000*F23
Date Analyzed	12.19.96	12.19.96	12.19.96	12.19.96	12.19.96
Method Number	EPA 6010	EPA 6010	EPA 6010	EPA 7421	EPA 6010
Percent Solids, %	90	89	92	86	89

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72873
Received: 13 DEC 96
Reported: 17 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 110470320

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-6	SB-18-4 (2-4')
72873-7	SB-18-4 (4-6')
72873-8	SB-18-4 (6-8')
72873-9	SB-18-4 (8-10')
72873-10	SB-18-4 (10-11')

PARAMETER	72873-6	72873-7	72873-8	72873-9	72873-10
Lead (7421)					
Lead, mg/kg dw	1800*F23	2000*F23	1700*F23	710*F23	79
Date Analyzed	12.19.96	12.19.96	12.19.96	12.19.96	12.19.96
Method Number	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 7421
Percent Solids, %	94	94	93	95	96

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 110470320

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-11	SB-18-6 (0-6")
72873-12	SB-18-6 (6"-2')
72873-13	SB-18-6 (2-4')
72873-14	SB-18-9 (0-6")
72873-15	SB-18-9 (6"-2')

PARAMETER	72873-11	72873-12	72873-13	72873-14	72873-15
Lead (7421)					
Lead, mg/kg	560	980*F23	27000*F23	9200*F23	2900*F23
Date Analyzed	12.23.96	12.26.96	12.26.96	12.26.96	12.26.96
Method Number	EPA 7421	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Percent Solids, %	86	83	84	85	89

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 110470320

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-16	SB-18-9 (2-4')
72873-17	SB-18-10 (0-6")
72873-18	SB-18-10 (6"-2')
72873-19	SB-18-10 (2-4')
72873-20	SB-18-10 (4-6')

PARAMETER	72873-16	72873-17	72873-18	72873-19	72873-20
Lead (7421)					
Lead, mg/kg dw	170000*F23	2000*F23	800*F23	1400*F23	52000*F23
Date Analyzed	12.26.96	12.19.96	12.19.96	12.19.96	12.19.96
Method Number	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Percent Solids, %	89	88	89	89	93

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Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 110470320

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-21	SB-18-10 (6-8')
72873-22	SB-18-10 (8-10')
72873-23	SB-18-15 (0-6")
72873-24	SB-18-15 (6"-2')
72873-25	SB-18-15 (2-4')

PARAMETER	72873-21	72873-22	72873-23	72873-24	72873-25
Lead (7421)					
Lead, mg/kg dw	170	2200*F23	6100*F23	2100*F23	3500*F23
Date Analyzed	12.19.96	12.20.96	12.26.96	12.26.96	12.26.96
Method Number	EPA 7421	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Percent Solids, %	88	82	89	89	90

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 110470320

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-26	SB-18-15 (4-6')
72873-27	SB-18-15 (6-8')
72873-28	SB-18-15 (8-10')
72873-29	SB-18-16 (0-6")
72873-30	SB-18-16 (6"-2')

PARAMETER	72873-26	72873-27	72873-28	72873-29	72873-30
Lead (7421)					
Lead, mg/kg dw	5200*F23	2300*F23	1200*F23	1100*F23	1500*F23
Date Analyzed	12.26.96	12.26.96	12.26.96	12.26.96	12.26.96
Method Number	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Percent Solids, %	85	74	78	80	87

SL *SAVANNAH LABORATORIES*
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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 110470320

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-31	SB-18-16 (2-4')
72873-32	SB-18-16 (4-5.5')
72873-33	SB-18-17 (0-6")
72873-34	SB-18-17 (6"-2')
72873-35	SB-18-17 (2-3')

PARAMETER	72873-31	72873-32	72873-33	72873-34	72873-35
Lead (7421)					
Lead, mg/kg	140	1400*F23	86	12	4.4
Date Analyzed	12.23.96	12.26.96	12.23.96	12.30.96	12.30.96
Method Number	EPA 7421	EPA 6010	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	89	79	78	79	75

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 110470320

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-36	SB-18-21 (0-6")
72873-37	SB-18-21 (6"-2')
72873-38	SB-18-21 (2-4')
72873-39	SB-18-21 (4-6')
72873-40	SB-18-21 (6-8')

PARAMETER	72873-36	72873-37	72873-38	72873-39	72873-40
Lead (7421)					
Lead, mg/kg dw	450	7300*F23	2100*F23	160	7.7
Date Analyzed	12.30.96	01.03.97	01.03.97	12.30.96	12.30.96
Method Number	EPA 7421	EPA 6010	EPA 6010	EPA 7421	EPA 7421
Percent Solids, %	85	79	81	82	85

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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LOG NO: D6-72873
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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 110470320

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-41	SB-18-21 (8-10')
72873-42	SB-18-23 (0-6")
72873-43	SB-18-23 (6"-2')
72873-44	SB-18-23 (2-4')
72873-45	SB-18-23 (4-6')

PARAMETER	72873-41	72873-42	72873-43	72873-44	72873-45
Lead (7421)					
Lead, mg/kg dw	5.0	530	610	320	360
Date Analyzed	12.30.96	12.30.96	12.30.96	12.30.96	12.30.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	81	82	92	93	96

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Reported: 17 JAN 97

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Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 110470320

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-46	SB-18-23 (6-8')
72873-47	SB-18-23 (10-12')
72873-48	SB-18-26 (0-6")
72873-49	SB-18-26 (6"-2')
72873-50	SB-18-26 (2-4')

PARAMETER	72873-46	72873-47	72873-48	72873-49	72873-50
Lead (7421)					
Lead, mg/kg dw	490	120	560	12	6.0
Date Analyzed	12.30.96	12.30.96	12.30.96	12.30.96	12.30.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	95	91	87	92	87

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-51	SB-18-26 (4-6')
72873-52	SB-18-26 (6-8')
72873-53	SB-18-26 (8-10')
72873-54	SB-18-26 (10-12')
72873-55	SB-18-28 (0-6")

PARAMETER	72873-51	72873-52	72873-53	72873-54	72873-55
Lead (7421)					
Lead, mg/kg dw	5.6	8.0	8.8	7.5	2900*F23
Date Analyzed	12.30.96	12.30.96	12.30.96	12.30.96	01.03.97
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 6010
Percent Solids, %	89	88	88	88	92

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-56	SB-18-28 (6"-2')
72873-57	SB-18-28 (2-4')
72873-58	SB-18-28 (4-6')
72873-59	SB-18-28 (6-8')
72873-60	SB-18-28 (8-10')

PARAMETER	72873-56	72873-57	72873-58	72873-59	72873-60
Lead (7421)					
Lead, mg/kg dw	800	4.3	45	6.2	5.4
Date Analyzed	12.30.96	12.30.96	12.30.96	12.30.96	12.30.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	94	95	97	94	91

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-61	SB-18-28 (10-12')
72873-62	SB-18-28 (12-13')
72873-63	SB-18-33 (0-6")
72873-64	SB-18-33 (6"-2')
72873-65	SB-18-33 (2-4')

PARAMETER	72873-61	72873-62	72873-63	72873-64	72873-65
Lead (7421)					
Lead, mg/kg dw	4.4	37	330	9100*F23	4.7
Date Analyzed	12.30.96	12.30.96	12.30.96	01.03.97	12.30.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 6010	EPA 7421
Percent Solids, %	90	95	89	93	96

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-66	SB-18-33 (4-6')
72873-67	SB-18-33 (6-8')
72873-68	SB-18-33 (8-10')
72873-69	SB-18-33 (10-11.5')
72873-70	Duplicate 1T

PARAMETER	72873-66	72873-67	72873-68	72873-69	72873-70
Lead (7421)					
Lead, mg/kg dw	2.9	7.4	4.7	2.6	1200*F23
Date Analyzed	12.30.96	12.30.96	12.27.96	12.31.96	01.03.97
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 6010
Percent Solids, %	94	93	89	91	88

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-71	Duplicate 2T
72873-72	Duplicate 3T
72873-73	Duplicate 1W
72873-74	Duplicate 2W
72873-75	Duplicate 3W

PARAMETER	72873-71	72873-72	72873-73	72873-74	72873-75
Lead (7421)					
Lead, mg/kg dw	3400*F23	2900*F23	40	390	150
Date Analyzed	01.03.97	01.03.97	12.27.96	12.27.96	12.27.96
Method Number	EPA 6010	EPA 6010	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	82	91	85	96	86

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-76	Duplicate 4W
72873-77	SB-18-3 (0-6")
72873-78	SB-18-3 (6"-2')
72873-79	SB-18-3 (2-4')
72873-80	SB-18-3 (4-6')

PARAMETER	72873-76	72873-77	72873-78	72873-79	72873-80
Lead (7421)					
Lead, mg/kg dw	47000*F23	190	680*F23	2200*F23	240
Date Analyzed	01.03.97	12.19.96	12.19.96	12.19.96	12.19.96
Method Number	EPA 6010	EPA 7421	EPA 6010	EPA 6010	EPA 7421
Percent Solids, %	89	74	89	90	92

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-81	SB-18-3 (6-8')
72873-82	SB-18-3 (8-10')
72873-83	SB-18-3 (10-11')
72873-84	SB-18-5 (2-8")
72873-85	SB-18-5 (8"-2.2')

PARAMETER	72873-81	72873-82	72873-83	72873-84	72873-85
Lead (7421)					
Lead, mg/kg dw	450	1600*F23	3200*F23	97	710
Date Analyzed	12.19.96	12.19.96	12.26.96	12.23.96	12.23.96
Method Number	EPA 7421	EPA 6010	EPA 6010	EPA 7421	EPA 7421
Percent Solids, %	94	90	60	97	80

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-86	SB-18-5 (2.2-4.2')
72873-87	SB-18-5 (4.2-6.2')
72873-88	SB-18-5 (6.2-8.2')
72873-89	SB-18-5 (8.2-10.2')
72873-90	SB-18-7 (0-6")

PARAMETER	72873-86	72873-87	72873-88	72873-89	72873-90
Lead (7421)					
Lead, mg/kg dw	8100*F23	2300*F23	140	16	1800*F23
Date Analyzed	12.26.96	12.26.96	12.23.96	12.23.96	12.26.96
Method Number	EPA 6010	EPA 6010	EPA 7421	EPA 7421	EPA 6010
Percent Solids, %	80	79	86	88	83

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-91	SB-18-7 (6"-2')
72873-92	SB-18-7 (2-4')
72873-93	SB-18-7 (4-6')
72873-94	SB-18-7 (6-8')
72873-95	SB-18-7 (8-10')

PARAMETER	72873-91	72873-92	72873-93	72873-94	72873-95
Lead (7421)					
Lead, mg/kg dw	1100*F23	680	3000*F23	8500*F23	500
Date Analyzed	12.26.96	12.23.96	12.26.96	12.26.96	12.23.96
Method Number	EPA 6010	EPA 7421	EPA 6010	EPA 6010	EPA 7421
Percent Solids, %	87	84	81	90	85

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-96	SB-18-11 (0-6")
72873-97	SB-18-11 (6"-2')
72873-98	SB-18-11 (2-4')
72873-99	SB-18-11 (4-6')
72873-100	SB-18-11 (6-8')

PARAMETER	72873-96	72873-97	72873-98	72873-99	72873-100
Lead (7421)					
Lead, mg/kg dw	4500*F23	4900*F23	1500*F23	1700*F23	3100*F23
Date Analyzed	12.20.96	12.20.96	12.20.96	12.20.96	12.20.96
Method Number	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Percent Solids, %	85	90	86	84	79

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-101	SB-18-11 (8-10')
72873-102	SB-18-11 (10-11')
72873-103	SB-18-14 (0-6")
72873-104	SB-18-14 (6"-2')
72873-105	SB-18-14 (2-4')

PARAMETER	72873-101	72873-102	72873-103	72873-104	72873-105
Lead (7421)					
Lead, mg/kg dw	7.6	2.3	3300*F23	10000*F23	1200*F23
Date Analyzed	12.19.96	12.19.96	12.20.96	12.26.96	12.26.96
Method Number	EPA 7421	EPA 7421	EPA 6010	EPA 6010	EPA 6010
Percent Solids, %	87	83	88	87	91

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-106	SB-18-14 (4-6')
72873-107	SB-18-14 (6-8')
72873-108	SB-18-14 (8-10')
72873-109	SB-18-18 (0-6")
72873-110	SB-18-18 (6"-2')

PARAMETER	72873-106	72873-107	72873-108	72873-109	72873-110
Lead (7421)					
Lead, mg/kg dw	1200*F23	480	670	280	720*F23
Date Analyzed	12.26.96	12.19.96	12.19.96	12.30.96	01.03.97
Method Number	EPA 6010	EPA 7421	EPA 7421	EPA 7421	EPA 6010
Percent Solids, %	91	94	94	94	93

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-111	SB-18-18 (2-4')
72873-112	SB-18-18 (4-6')
72873-113	SB-18-18 (6-8')
72873-114	SB-18-18 (8-9')
72873-115	Duplicate 1TH

PARAMETER	72873-111	72873-112	72873-113	72873-114	72873-115
Lead (7421)					
Lead, mg/kg dw	29	220	110	4.4	36000*F23
Date Analyzed	12.30.96	12.30.96	12.30.96	12.30.96	01.03.97
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 6010
Percent Solids, %	76	86	89	94	79

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72873-116	Duplicate 2TH
72873-117	Duplicate 3TH
72873-118	Duplicate 4TH

PARAMETER	72873-116	72873-117	72873-118
Lead (7421)			
Lead, mg/kg dw	750*F23	2000*F23	39
Date Analyzed	01.03.97	01.03.97	12.27.96
Method Number	EPA 6010	EPA 6010	EPA 7421
Percent Solids, %	84	85	90

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72873-119	SB-18-2 (4-6')	12-10-96/1035
72873-120	SB-18-6 (4-6')	12-10-96/1155
72873-121	SB-18-9 (4-6')	12-10-96/1308

PARAMETER	72873-119	72873-120	72873-121
Polynuclear Aromatic Hydrocarbons (8100)			
Acenaphthene, ug/kg	840	1200	<330
Acenaphthylene, ug/kg	<330	<330	<330
Anthracene, ug/kg	550	2200	<330
Benzo(a)anthracene, ug/kg	1100	5300*F35	<330
Benzo(a)pyrene, ug/kg	1100	4600*F35	<330
Benzo(b)fluoranthene, ug/kg	1800	7600*F35	<330
Benzo(g,h,i)perylene, ug/kg	1400	3000*F35	<330
Benzo(k)fluoranthene, ug/kg	<330	<3000*F34	<330
Chrysene, ug/kg	1200	5600*F35	<330
Dibenzo(a,h)anthracene, ug/kg	<330	<3000*F34	<330
Fluoranthene, ug/kg	2200	13000*F35	<330
Fluorene, ug/kg	1000	940	<330
Indeno(1,2,3-cd)pyrene, ug/kg	1600	5100*F35	<330
Naphthalene, ug/kg	1100	<330	<330
Phenanthrene, ug/kg	2100	8300*F35	<330
Pyrene, ug/kg	2100	12000*F35	<330
2-Methylnaphthalene, ug/kg	4700	<330	<330
1-Methylnaphthalene, ug/kg	4400*F35	<330	<330
Surrogate - 2-Fluorobiphenyl, ug/kg	36.06	40.80	19.45
Surrogate - Expected Value, ug/kg	50	50	50
Surrogate - % Recovery	72 %	82 %	39 %
Surrogate - Control Limit	10-152 %	10-152 %	10-152 %
Date Extracted	12.16.96	12.16.96	12.16.96
Date Analyzed	12.17.96	12.17.96	12.17.96
Method Number	EPA 8100	EPA 8100	EPA 8100
Dilution factor	1/10	1/10	1

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72873-119	SB-18-2 (4-6')	12-10-96/1035
72873-120	SB-18-6 (4-6')	12-10-96/1155
72873-121	SB-18-9 (4-6')	12-10-96/1308

PARAMETER	72873-119	72873-120	72873-121
Lead (7421)			
Lead, mg/kg dw	1400*F23	1300*F23	460
Date Analyzed	12.19.96	12.26.96	12.19.96
Method Number	EPA 6010	EPA 6010	EPA 7421
Percent Solids, %	88	84	78

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
72873-122	Duplicate 4T	12-10-96

PARAMETER	72873-122
Polynuclear Aromatic Hydrocarbons (8100)	
Acenaphthene, ug/kg	1700
Acenaphthylene, ug/kg	<330
Anthracene, ug/kg	3400*F35
Benzo(a)anthracene, ug/kg	6600*F35
Benzo(a)pyrene, ug/kg	5800*F35
Benzo(b)fluoranthene, ug/kg	9100*F35
Benzo(g,h,i)perylene, ug/kg	3500*F35
Benzo(k)fluoranthene, ug/kg	<2800*F34
Chrysene, ug/kg	7000*F35
Dibenzo(a,h)anthracene, ug/kg	<2800*F34
Fluoranthene, ug/kg	16000*F35
Fluorene, ug/kg	1300
Indeno(1,2,3-cd)pyrene, ug/kg	4600*F35
Naphthalene, ug/kg	710
Phenanthrene, ug/kg	12000*F35
Pyrene, ug/kg	1500*F35
2-Methylnaphthalene, ug/kg	<330
1-Methylnaphthalene, ug/kg	<330
Surrogate - 2-Fluorobiphenyl, ug/kg	16.91
Surrogate - Expected Value, ug/kg	50
Surrogate - % Recovery	34 %
Surrogate - Control Limit	10-152 %
Date Extracted	12.16.96
Date Analyzed	12.17.96
Method Number	EPA 8100
Dilution factor	1/10
Percent Solids, %	82

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414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72873
Received: 13 DEC 96
Reported: 17 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 110470320

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72873-123	SB-18-12 (2-8")	12-09-96/1022
72873-124	SB-18-13 (0-6")	12-09-96/1133
72873-125	SB-18-19 (2-8")	12-09-96/1210
72873-126	SB-18-43 (0-6")	12-09-96/1410
72873-127	SB-18-1 (0-6")	12-09-96/1704

PARAMETER	72873-123	72873-124	72873-125	72873-126	72873-127
Polynuclear Aromatic Hydrocarbons (8100)					
Acenaphthene, ug/kg	<330	<330	<330	<330	420
Acenaphthylene, ug/kg	<330	<330	<330	830	<330
Anthracene, ug/kg	450	640	690	1600	700
Benzo(a)anthracene, ug/kg	<330	<330	<330	<3000*F34	1600
Benzo(a)pyrene, ug/kg	<2700*F34	<2700*F34	<2800*F34	<3000*F34	1600
Benzo(b)fluoranthene, ug/kg	<2700*F34	<2700*F34	<2800*F34	4100*F35	2400
Benzo(g,h,i)perylene, ug/kg	<2700*F34	<2700*F34	<330	<3000*F34	1200
Benzo(k)fluoranthene, ug/kg	<2700*F34	<2700*F34	<2800*F34	<3000*F34	<330
Chrysene, ug/kg	780	1000	990	<3000*F34	1600
Dibenzo(a,h)anthracene, ug/kg	<2700*F34	<2700*F34	<2800*F34	<3000*F34	<330
Fluoranthene, ug/kg	2400	2400	2400	4400	3600
Fluorene, ug/kg	<330	<330	<330	<330	340
Indeno(1,2,3-cd)pyrene, ug/kg	<2700*F34	<2700*F34	<2800*F34	<3000	1600
Naphthalene, ug/kg	<330	<330	360	<330	<330
Phenanthrene, ug/kg	2400	2900	2900	2500	2800
Pyrene, ug/kg	2000	2000	1900	4400	3400
2-Methylnaphthalene, ug/kg	<330	<330	<330	<330	<330
1-Methylnaphthalene, ug/kg	<330	<330	<330	<330	<330
Surrogate - 2-Fluorobiphenyl, ug/kg	38.58	33.04	35.36	35.90	31.36

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Sampled By: CD/AF
Code: 110470320

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72873-123	SB-18-12 (2-8")	12-09-96/1022
72873-124	SB-18-13 (0-6")	12-09-96/1133
72873-125	SB-18-19 (2-8")	12-09-96/1210
72873-126	SB-18-43 (0-6")	12-09-96/1410
72873-127	SB-18-1 (0-6")	12-09-96/1704

PARAMETER	72873-123	72873-124	72873-125	72873-126	72873-127
Surrogate - Expected Value, ug/kg	50	50	50	50	50
Surrogate - % Recovery	77 %	66 %	71 %	72 %	63 %
Surrogate - Control Limit	10-152 %	10-152 %	10-152 %	10-152 %	10-152 %
Date Extracted	12.16.96	12.16.96	12.16.96	12.16.96	12.16.96
Date Analyzed	12.17.96	12.17.96	12.17.96	12.17.96	12.17.96
Method Number	EPA 8100	EPA 8100	EPA 8100	EPA 8100	EPA 8100
Dilution factor	1/10	1/10	1/10	1/10	1
Percent Solids, %	92	93	89	84	78

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Code: 110470320

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72873-128	SB-18-41 (0-6")	12-09-96/1500
72873-129	SB-18-41 (6"-2')	12-09-96/1507
72873-130	SB-18-41 (10-12')	12-09-96/1518

PARAMETER	72873-128	72873-129	72873-130
Polynuclear Aromatic Hydrocarbons (8100)			
Acenaphthene, ug/kg	<330	<330	<330
Acenaphthylene, ug/kg	<330	<330	<330
Anthracene, ug/kg	<330	<330	<330
Benzo(a)anthracene, ug/kg	<330	<330	<330
Benzo(a)pyrene, ug/kg	<330	<330	<330
Benzo(b)fluoranthene, ug/kg	360	<330	<330
Benzo(g,h,i)perylene, ug/kg	<330	<330	<330
Benzo(k)fluoranthene, ug/kg	<330	<330	<330
Chrysene, ug/kg	<330	<330	<330
Dibenzo(a,h)anthracene, ug/kg	<330	<330	<330
Fluoranthene, ug/kg	440	<330	<330
Fluorene, ug/kg	<330	<330	<330
Indeno(1,2,3-cd)pyrene, ug/kg	<330	<330	<330
Naphthalene, ug/kg	<330	<330	<330
Phenanthrene, ug/kg	<330	<330	<330
Pyrene, ug/kg	430	<330	<330
2-Methylnaphthalene, ug/kg	<330	<330	<330
1-Methylnaphthalene, ug/kg	<330	<330	<330
Surrogate - 2-Fluorobiphenyl, ug/kg	26.86	24.51	33.78
Surrogate - Expected Value, ug/kg	50	50	50
Surrogate - % Recovery	54 %	49 %	68 %
Surrogate - Control Limit	10-152 %	10-152 %	10-152 %
Date Extracted	12.16.96	12.16.96	12.16.96
Date Analyzed	12.17.96	12.17.96	12.17.96
Method Number	EPA 8100	EPA 8100	EPA 8100
Dilution factor	1	1	1

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Sampled By: CD/AF
Code: 110470320

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72873-128	SB-18-41 (0-6")	12-09-96/1500
72873-129	SB-18-41 (6"-2')	12-09-96/1507
72873-130	SB-18-41 (10-12')	12-09-96/1518

PARAMETER	72873-128	72873-129	72873-130
Percent Solids, %	84	90	79

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Code: 110470320

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72873-131	Equipment Blank 2	12-09-96/1410
72873-132	Equipment Blank 1 TH	12-12-96
72873-133	Equipment Blank 2W	12-11-96/1230

PARAMETER	72873-131	72873-132	72873-133
Polynuclear Aromatic Hydrocarbons (8100)			
Acenaphthene, ug/l	<10	<10	<10
Acenaphthylene, ug/l	<10	<10	<10
Anthracene, ug/l	<10	<10	<10
Benzo(a)anthracene, ug/l	<4.0	<4.0	<4.0
Benzo(a)pyrene, ug/l	<4.0	<4.0	<4.0
Benzo(b)fluoranthene, ug/l	<4.0	<4.0	<4.0
Benzo(g,h,i)perylene, ug/l	<10	<10	<10
Benzo(k)fluoranthene, ug/l	<5.0	<5.0	<5.0
Chrysene, ug/l	<5.0	<5.0	<5.0
Dibenzo(a,h)anthracene, ug/l	<5.0	<5.0	<5.0
Fluoranthene, ug/l	<10	<10	<10
Fluorene, ug/l	<10	<10	<10
Indeno(1,2,3-cd)pyrene, ug/l	<5.0	<5.0	<5.0
Naphthalene, ug/l	<5.0	<5.0	<5.0
Phenanthrene, ug/l	<10	<10	<10
Pyrene, ug/l	<10	<10	<10
2-Methylnaphthalene, ug/l	<10	<10	<10
1-Methylnaphthalene, ug/l	<10	<10	<10
Surrogate - 2-Fluorobiphenyl, ug/l	39.12	38.67	45.74
Surrogate - Expected Value, ug/l	50	50	50
Surrogate - % Recovery	78 %	77 %	91 %
Surrogate - Control Limit	22-142 %	22-142 %	22-142 %
Date Extracted	12.16.96	12.16.96	12.16.96
Date Analyzed	12.18.96	12.18.96	12.18.96
Method Number	EPA 8100	EPA 8100	EPA 8100
Dilution factor	1	1	1

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72873-131	Equipment Blank 2	12-09-96/1410
72873-132	Equipment Blank 1 TH	12-12-96
72873-133	Equipment Blank 2W	12-11-96/1230

PARAMETER	72873-131	72873-132	72873-133
Lead (7421)			
Lead, mg/l	<0.0050	<0.0050	<0.0050
Date Analyzed	12.19.96	12.19.96	12.19.96
Method Number	EPA 7421	EPA 7421	EPA 7421

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72873-134	Equipment Blank 1	12-09-96/1029
72873-135	Equipment Blank 1T	12-10-96/1510
72873-136	Equipment Blank 2T	12-10-96
72873-137	Equipment Blank 1W	12-11-96/0900

PARAMETER	72873-134	72873-135	72873-136	72873-137
Lead (7421)				
Lead, mg/l	<0.0050	0.024	0.018	<0.0050
Date Analyzed	12.19.96	12.19.96	12.19.96	12.19.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421

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Sampled By: CD/AF
Code: 110470320

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72873-138	Lab Blank
72873-139	Accuracy - % Recovery (Mean)
72873-140	Precision - Relative % Difference
72873-141	Detection Limit

PARAMETER	72873-138	72873-139	72873-140	72873-141
Polynuclear Aromatic Hydrocarbons (8100)				
Acenaphthene, ug/kg	<330	92 %	20 %	330
Acenaphthylene, ug/kg	<330	---	---	330
Anthracene, ug/kg	<330	---	---	330
Benzo(a)anthracene, ug/kg	<330	---	---	330
Benzo(a)pyrene, ug/kg	<330	97 %	0 %	330
Benzo(b)fluoranthene, ug/kg	<330	---	---	330
Benzo(g,h,i)perylene, ug/kg	<330	---	---	330
Benzo(k)fluoranthene, ug/kg	<330	---	---	330
Chrysene, ug/kg	<330	---	---	330
Dibenzo(a,h)anthracene, ug/kg	<330	---	---	330
Fluoranthene, ug/kg	<330	---	---	330
Fluorene, ug/kg	<330	98 %	19 %	330
Indeno(1,2,3-cd)pyrene, ug/kg	<330	---	---	330
Naphthalene, ug/kg	<330	72 %	18 %	330
Phenanthrene, ug/kg	<330	---	---	330
Pyrene, ug/kg	<330	109 %	13 %	330
2-Methylnaphthalene, ug/kg	<330	---	---	330
1-Methylnaphthalene, ug/kg	<330	---	---	330
Surrogate - 2-Fluorobiphenyl, ug/kg	42.56	---	---	---
Surrogate - Expected Value, ug/kg	50	---	---	---
Surrogate - % Recovery	85 %	---	---	---
Surrogate - Control Limit	10-152 %	---	---	---
Date Extracted	12.16.96	---	---	---
Date Analyzed	12.17.96	---	---	---
Method Number	EPA 8100	---	---	---

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72873-138	Lab Blank
72873-139	Accuracy - % Recovery (Mean)
72873-140	Precision - Relative % Difference
72873-141	Detection Limit

PARAMETER	72873-138	72873-139	72873-140	72873-141
Lead (7421)				
Lead, mg/kg dw	<0.50	104 %	0.97 %	0.50
Date Analyzed	12.19.96	---	---	---
Method Number	EPA 7421	---	---	---

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72873-142	Lab Blank
72873-143	Accuracy - % Recovery (Mean)
72873-144	Precision - Relative % Difference
72873-145	Detection Limit

PARAMETER	72873-142	72873-143	72873-144	72873-145
Lead (7421)				
Lead, mg/kg dw	<0.50	108 %*F3	0 %	0.50
Date Analyzed	12.19.96	---	---	---
Method Number	EPA 7421	---	---	---

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72873-146	Lab Blank
72873-147	Accuracy - % Recovery (Mean)
72873-148	Precision - Relative % Difference
72873-149	Detection Limit

PARAMETER	72873-146	72873-147	72873-148	72873-149
Lead (7421)				
Lead, mg/kg dw	<0.50	108 %*F81	0.93 %	0.50
Date Analyzed	12.23.96	---	---	---
Method Number	EPA 7421	---	---	---

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72873-150	Lab Blank
72873-151	Accuracy - % Recovery (Mean)
72873-152	Precision - Relative % Difference
72873-153	Detection Limit

PARAMETER	72873-150	72873-151	72873-152	72873-153
Lead (7421)				
Lead, mg/kg dw	<0.50	106 %*F81	0.94 %	0.50
Date Analyzed	12.23.96	---	---	---
Method Number	EPA 7421	---	---	---

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72873-154	Lab Blank
72873-155	Accuracy - % Recovery (Mean)
72873-156	Precision - Relative % Difference
72873-157	Detection Limit

PARAMETER	72873-154	72873-155	72873-156	72873-157
Lead (7421)				
Lead, mg/kg dw	<0.50	106 %*F81	3.8 %	0.50
Date Analyzed	12.27.96	---	---	---
Method Number	EPA 7421	---	---	---

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72873-158	Lab Blank
72873-159	Accuracy - % Recovery (Mean)
72873-160	Precision - Relative % Difference
72873-161	Detection Limit

PARAMETER	72873-158	72873-159	72873-160	72873-161
Lead (7421)				
Lead, mg/kg dw	<0.50	116 %*F3	2.6 %	0.50
Date Analyzed	12.30.96	---	---	---
Method Number	EPA 7421	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.
*F3 = MS/MSD recoveries were based on a post- digestion/distillation spike.
*F23 = Due to the abundance of target analyte, the reported result was quantified by ICP to minimize dilution error.
*F34 = Due to the abundance of organics in the sample, dilution was required.
*F35 = Due to the analyte abundance, target compound concentrations are reported from multiple runs to achieve requested detection limits.
*F81 = Matrix spike recoveries were outside advisory limits due to abundance of target analytes present in the sample; therefore, laboratory control standards analyzed concurrently with the sample batch have been reported.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 4141

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

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☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser - Frazer Area (FAOC 18)	480.75	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE
MICHIGAN	Carol Denahan, Alan Fass	(561) 750-3733
		FAX

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
185 NW Spanish River Blvd.
Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421), PAH (8100)

PAGE 1 OF 4

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS	SOLID	AIR	NONAQUEOUS	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/10/96	09:25		SB-18-2 (0-6")	✓				1	
	09:30		SB-18-2 (6"-2')	✓				1	
	09:40		SB-18-2 (2'-4')	✓				1	
↓	10:35		SB-18-2 (4'-6')	✓				1	
12/11/96	16:22		SB-18-4 (0-6")	✓				1	
	16:28		SB-18-4 (6"-2')	✓				1	
	16:32		SB-18-4 (2'-4')	✓				1	
	16:37		SB-18-4 (4'-6')	✓				1	
	16:42		SB-18-4 (6'-8')	✓				1	
	16:50		SB-18-4 (8'-10')	✓				1	
↓	17:00		SB-18-4 (10'-11')	✓				1	
12/10/96	11:09		SB-18-6 (0-6")	✓				1	
↓	11:12		SB-18-6 (6"-2')	✓				1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Madeline A. Metz	12/11/96	15:00	Alan Fass	12/12/96	14:30			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Alan Fass	12/10/96	10:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
			☐ YES ☐ NO			

CLIENTS FIELD COPY

Serial Number 44140

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 3414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser - Frazer Area (PAOC 18)	480.45	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MICHIGAN	Carol Denahan, Alan Fass	(561) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421), PAH (8100)

PAGE 2 OF 2

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID	NUMBER OF CONTAINERS SUBMITTED									REMARKS
12/10/96	11:49		SB-18-6 (2'-4')	✓				1									
	11:55		SB-18-6 (4'-6')	✓				1	1								
	12:37		SB-18-9 (0-6")	✓				1									
	12:45		SB-18-9 (6"-2')	✓				1									
	12:55		SB-18-9 (2'-4')	✓				1									
	13:08		SB-18-9 (4'-6')	✓				1	1								
	15:18		SB-18-10 (0-6")	✓				1									
	15:22		SB-18-10 (6"-2')	✓				1									
	15:26		SB-18-10 (2'-4')	✓				1									
	15:30		SB-18-10 (4'-6')	✓				1									
	15:34		SB-18-10 (6'-8')	✓				1									
	15:44		SB-18-10 (8'-10')	✓				1									
	15:50		SB-18-15 (0-6")	✓				1									

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/12/96	1800	Alan Fass	12/12/96	1930			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/10/96	10:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
			☐ YES ☐ NO			

CLIENTS FIELD COPY

Serial Number 40131

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Area (PAOC 18)	480.115	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE / FAX
MICHIGAN	Carol Denehan, Alan Fass	(561) 750-3733

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421)

PAGE 3 OF 17

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/10/96	16:02		SB-18-15 (6"-2')	✓				1	
	16:08		SB-18-15 (2'-4')	✓				1	
	16:15		SB-18-15 (4'-6')	✓				1	
	16:19		SB-18-15 (6'-8')	✓				1	
	16:23		SB-18-15 (8'-10')	✓				1	
12/11/96	14:05		SB-18-16 (0-6")	✓				1	
	14:20		SB-18-16 (6"-2')	✓				1	
	14:45		SB-18-16 (2'-4')	✓				1	
	14:55		SB-18-16 (4'-5.5')	✓				1	
	12:00		SB-18-17 (0-6")	✓				1	
	12:14		SB-18-17 (6"-2')	✓				1	
	12:20		SB-18-17 (2'-3')	✓				1	
	09:00		SB-18-2 (0-6")	✓				1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	12/9/96		Alan Fass	12/12/96	19:30			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Alan Fass	12/10/96	10:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
			☐ YES ☐ NO			

CLIENTS FIELD COPY

Serial Number 44132

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser–Frazer Area (PACC 18)	TS 480.4	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE / FAX
MICHIGAN	Carol Denahan, Alan Fass	(561) 750-3733

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421)

PAGE 1 OF 1

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS	SOLID	AIR	NONAQUEOUS	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/1/96	09:04		SB-18-21 (6"-2')	✓				1	
	09:08		SB-18-21 (2'-4')	✓				1	
	09:12		SB-18-21 (4'-6')	✓				1	
	09:16		SB-18-21 (6'-8')	✓				1	
	09:25		SB-18-21 (8'-10')	✓				1	
	11:15		SB-18-23 (0-6")	✓				1	
	11:22		SB-18-23 (6"-2')	✓				1	
	11:30		SB-18-23 (2'-4')	✓				1	
	11:38		SB-18-23 (4'-6')	✓				1	
	11:41		SB-18-23 (6'-8')	✓				1	
	11:46		SB-18-23 (10'-12')	✓				1	
	09:47		SB-18-26 (0-6")	✓				1	
↓	09:52		SB-18-26 (6"-2')	✓				1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/6/96		Alan Fass	12/10/96	1930			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/10/96	10:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
			☐ YES ☐ NO			

CLIENT FIELD COPY

Serial Number 44133

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser - Frazer Area (PAOC 18)	480.4 TS	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE
MICHIGAN	Carol Denahan, Alan Fass	(561) 750-3733
		FAX

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (1742A)

PAGE 5 OF 12

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/11/96	09:56		SB-18-26 (2'-4')	✓			1		
	09:58		SB-18-26 (4'-6')	✓			1		
	10:01		SB-18-26 (6'-8')	✓			1		
	10:03		SB-18-26 (8'-10')	✓			1		
	10:05		SB-18-26 (10'-12')	✓			1		
	15:05		SB-18-28 (0-6")	✓			1		
	15:13		SB-18-28 (6"-2')	✓			1		
	15:21		SB-18-28 (2'-4')	✓			1		
	15:30		SB-18-28 (4'-6')	✓			1		
	15:38		SB-18-28 (6'-8')	✓			1		
	15:45		SB-18-28 (8'-10')	✓			1		
	15:50		SB-18-28 (10'-12')	✓			1		
↓	15:55		SB-18-28 (12'-13')	✓			1		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	12/11/96		Alan Fass	12/12/96	1930			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/10/96	10:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
			☐ YES ☐ NO			

CLIENTS FIELD COPY

Serial Number 41134

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Area (PAOC 18)	480.43	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MICHIGAN	Carol Denahan, Alan Fass	(561) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421), PAH (8100)

PAGE 6 OF 7

☒ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/10/96	16:57		SB-18-33 (0-6")		✓			1	
	17:01		SB-18-33 (6"-2')		✓			1	
	17:04		SB-18-33 (2'-4')		✓			1	
	17:07		SB-18-33 (4'-6')		✓			1	
	17:11		SB-18-33 (6'-8')		✓			1	
	17:19		SB-18-33 (8'-10')		✓			1	
	17:24		SB-18-33 (10'-11.5')		✓			1	
12/10/96			Duplicate 1 T		✓			1	
			Duplicate 2 T		✓			1	
↓			Duplicate 3 T		✓			1	
12/11/96			Duplicate 1 W		✓			1	
↓			Duplicate 2 W		✓			1	
12/10/96			Duplicate 4 T		✓			1 pair	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	12/9/96		Alan Fass	12/12/96	1430			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Alan Fass	12/10/96	10:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
			☐ YES ☐ NO			

CLIENTS FIELD COPY

12/16/96 Faxed Revised COC to Savannah Serial Number 1134

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404	Phone: (912) 354-7858	Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301	Phone: (904) 878-3994	Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442	Phone: (305) 421-7400	Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693	Phone: (205) 666-6633	Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634	Phone: (813) 885-7427	Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047	Phone: (504) 764-1100	Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser - Frazer Area (PAOC 18)	480.43	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MICHIGAN	Carol Benahan, Alan Fass	(561) 750-5733	

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: 8240 (TCL); PAH (8100)

PAGE 1 OF 1

☒ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS	SOLID	AIR	NONAQUEOUS	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/10/96	16:57		SB-18-33 (3'-6.11')		✓			1	
	17:01		SB-18-33 (6.11'-21')		✓			1	
	17:04		SB-18-33 (21'-41')		✓			1	
	17:07		SB-18-33 (41'-61')		✓			1	
	17:11		SB-18-33 (61'-81')		✓			1	
	17:19		SB-18-33 (81'-101')		✓			1	
	17:24		SB-18-33 (101'-11.51')		✓			1	
12/10/96			Duplicate 1 T		✓			1	
			Duplicate 2 T		✓			1	
↓			Duplicate 3 T		✓			1	
12/11/96			Duplicate 1 W	✓				1	
↓			Duplicate 2 W	✓				1	
12/10/96			Duplicate 4 T		✓			1	

1 of 1

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)
	12/11/96		Alan Fass	12/12/96	1130	
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)
Alan Fass	12/10/96	10:00				

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
			☐ YES ☐ NO			

Post-It™ brand fax transmittal memo 7671 # of pages ▸

To: MARIANNE — From: M. MARCELLE

Co.: SAVANNAH — Co.: BBL

Dept. — Phone #

Fax #: 954 421 2584 — Fax #

Serial Number 44137

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE: Kaiser-Frazer Area (PAGE 18)
PROJECT NO.: 480.4173
P.O. NUMBER:
PROJECT LOC. (State): MICHIGAN
SAMPLER(s) NAME: Carol Denahan, Alan Fass
PHONE: (561) 750-3733
FAX:
CLIENT NAME: Blasland, Bouck & Lee, Inc.
CLIENT PROJECT MANAGER: Barbara Sullivan
CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7420); PAH (8100); TCLP (1311)

PAGE 1 OF 2

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/9/96	10:25		Equipment Blank 1 M	✓				1 1	
12/9/96	14:10		Equipment Blank 2 M	✓				1 1	
12/10/96	15:10		Equipment Blank 1 T	✓				1 1	
12/11/96	09:00		Equipment Blank 1 W	✓				1 1	
12/11/96	12:30		Equipment Blank 2 W	✓				1 1	
12/11/96			Duplicate 3 W		✓			1	
12/11/96			Duplicate 4 W		✓			1	
								qty	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/12/96		Alan Fass	12/12/96	1930			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/10/96	10:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
			☐ YES ☐ NO			

CLIENT COPY

Serial Number 44139

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser - Frazer Area (PAOC 18)	480.45	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE / FAX
MICHIGAN	Carol Denahan, Alan Fass	(561) 750-3733

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL, 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421)

PAGE 1 OF 2

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/1/96	1406		SB-18-3 (0-6")	1	
	1408		SB-18-3 (6"-2')	1	
	1410		SB-18-3 (2'-4')	1	
	1413		SB-18-3 (4'-6')	1	
	1416		SB-18-3 (6'-8')	1	
	1419		SB-18-3 (8'-10')	1	
	1424		SB-18-3 (10'-11')	1	
	1030		SB-18-5 (2"-8")	1	
	1043		SB-18-5 (8"-2.2')	1	
	1045		SB-18-5 (2.2'-4.2')	1	
	1050		SB-18-5 (4.2'-6.2')	1	
	1053		SB-18-5 (6.2'-8.2')	1	
↓	1054		SB-18-5 (8.2'-10.2')	1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/1/96	1800	Alan Fass	12/2/96	19:30			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/10/96	10:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
			☐ YES ☐ NO			

CLIENTS FIELD COPY

Serial Number 44130

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Area (PAOC 18)	480.75	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MICHIGAN	Carol Benahan, Alan Fass	(561) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent etc)

REQUIRED ANALYSES: Pb (7421)

PAGE 2 OF 2

☒ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/2/96	1317		SB-18-7 (0-6")	✓				1	
	1320		SB-18-7 (6"-2')	✓				1	
	1323		SB-18-7 (2'-4')	✓				1	
	1344		SB-18-7 (4'-6')	✓				1	
	1340		SB-18-7 (6'-8')	✓				1	
	1332		SB-18-7 (8'-10')	✓				1	
	1235		SB-18-11 (0-6")	✓				1	
	1238		SB-18-11 (6"-2')	✓				1	
	1240		SB-18-11 (2'-4')	✓				1	
	1244		SB-18-11 (4'-6')	✓				1	
	1235		SB-18-11 (6'-8')	✓				1	
	1247		SB-18-11 (8'-10')	✓				1	
↓	1250		SB-18-11 (10'-11')	✓				1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/9/96	15:00	Alan Fass	12/12/96	19:30			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/10/96	10:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
			☐ YES ☐ NO			

CLIENTS FIELD COPY

Serial Number 40200

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 2414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

Willow Run Plant

PROJECT REFERENCE: Kaiser-Frazer Area (PAOC 18)
PROJECT NO: 480.75
P.O. NUMBER:
PAGE 1 OF 1

PROJECT LOC. (State): MICHIGAN
SAMPLER(s) NAME: Carol Denahan, Alan Fass
PHONE: (561) 750-3733
FAX:

CLIENT NAME: Blasland, Bouck & Lee, Inc.
CLIENT PROJECT MANAGER: Barbara Sullivan
CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL 33431

REQUIRED ANALYSES: Pb (7421)

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	MATRIX TYPE: AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/1/96	1147		SB-18-14	✓				1	
	1148		SB-18-14	✓				1	
	1155		SB-18-14	✓				1	
	1157		SB-18-14	✓				1	
	1200		SB-18-14	✓				1	
	1203		SB-18-14	✓				1	
	1102		SB-18-18	✓				1	
	1105		SB-18-18	✓				1	
	1114		SB-18-18	✓				1	
	1120		SB-18-18	✓				1	
	1117		SB-18-18	✓				1	
↓	1126		SB-18-18	✓				1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/1/96	[illegible]	Alan Fass	12/2/96	19:30			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/2/96	10:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT ☐ YES ☐ NO	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:

CLIENTS FIELD COPY

Serial Number 44198

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
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☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE: Kaiser-Fraser Area (PAAC 18)
PROJECT NO.: 1480.75
P.O. NUMBER:
PROJECT LOC. (State): MICHIGAN
SAMPLER(s) NAME: Alan Denahan, Alan Fass
PHONE: (561) 750-3733
FAX:
CLIENT NAME: Blasland, Bouck & Lee Inc.
CLIENT PROJECT MANAGER: Barbara Sullivan
CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. G Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)
REQUIRED ANALYSES: PAH (8100)
PAGE 1 OF 1

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/9/96	1022		SB-18-12 (2"-8")	✓				1	
12/9/96	1133		SB-18-13 (0-6")	✓				1	
12/9/96	1210		SB-18-19 (0-8")	✓				1	
12/9/96	1410		SB-18-43 (0-6")	✓				1	
12/9/96	1704		SB-18-1 (0-6")	✓				1	
12/9/96	1500		SB-18-41 (0-6")	✓				1	
12/9/96	1507		SB-18-41 (6"-21")	✓				1	
12/9/96	1518		SB-18-41 (10'-12')	✓				1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/9/96	1800	Alan Fass	12/9/96	1930			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[signature]								

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
			☐ YES ☐ NO			

CLIENTS FIELD COPY

Serial Number 44139

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
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☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Area (RAOC 18)	480.75	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE
MICHIGAN	Carol Denahan, Alan Fass	(561) 750-3733
		FAX

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421), Pb (7420), PAH (8100)

PAGE 1 OF 1

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	Pb (7421)	Pb (7420)	PAH (8100)	REMARKS
12/2/96			Duplicate 1-TH	✓				1			
			Duplicate 2-TH	✓				1			
			Duplicate 3-TH	✓				1			
			Duplicate 4-TH	✓				1			
			Equipment Blank 1-TH						1	1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Kimberly Q. Hoss	12/6/96	1800	Alan Fass	12/12/96	1930			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/13/96	1000						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
			☐ YES ☐ NO			

CLIENTS FIELD COPY

Serial Number 41134

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser - Frazer Area (PAOC 18)	480.75	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE
MICHIGAN	Carol Denahan, Alan Fass	(561) 750-3733
		FAX

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
1135 NW Spanish River Blvd.
Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (1420) | PAH (8100)

PAGE 1 OF 1

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED										REMARKS
12/10/96	1450		Equipment Blank 2T	✓				1	1									

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/9/96		Alan Fass	12/12/96	1930			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/10/96	1000						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
			☐ YES ☐ NO			

CLIENTS FIELD COPY

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72907
Received: 17 DEC 96
Reported: 21 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 114070129

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72907-1	SB-18-37 (0-6")	12-09-96/1540
72907-2	SB-18-37 (2-4')	12-09-96/1548
72907-3	SB-18-37 (10-12')	12-09-96/1605
72907-4	SB-18-10 (0-6")	12-10-96/1518
72907-5	SB-18-10 (6"-2')	12-10-96/1522

PARAMETER	72907-1	72907-2	72907-3	72907-4	72907-5
Polynuclear Aromatic Hydrocarbons (8100)					
Acenaphthene, ug/kg	<330	760	<330	3500	<6700
Acenaphthylene, ug/kg	<330	2600	<330	<330	<330
Anthracene, ug/kg	<330	5600	<330	6200	12000
Benzo(a)anthracene, ug/kg	1200	7200	<330	12000	21000
Benzo(a)pyrene, ug/kg	1800	4200	<330	5900	9000
Benzo(b)fluoranthene, ug/kg	1700	7200	<330	10000	16000
Benzo(g,h,i)perylene, ug/kg	2000	<3300	<330	3400	<6700
Benzo(k)fluoranthene, ug/kg	1800	<<3300	<330	<3300	<6700
Chrysene, ug/kg	1500	5800	<330	10000	21000
Dibenzo(a,h)anthracene, ug/kg	<330	<3300	<330	<3300	<6700
Fluoranthene, ug/kg	1700	14000	<330	27000	45000
Fluorene, ug/kg	<330	3300	<330	3000	<6700
Indeno(1,2,3-cd)pyrene, ug/kg	2400	3600	<330	5600	<6700

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72907
Received: 17 DEC 96
Reported: 21 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 114070129

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72907-1	SB-18-37 (0-6")	12-09-96/1540
72907-2	SB-18-37 (2-4')	12-09-96/1548
72907-3	SB-18-37 (10-12')	12-09-96/1605
72907-4	SB-18-10 (0-6")	12-10-96/1518
72907-5	SB-18-10 (6"-2')	12-10-96/1522

PARAMETER	72907-1	72907-2	72907-3	72907-4	72907-5
Naphthalene, ug/kg	<330	6000	<330	1800	4700
Phenanthrene, ug/kg	520	11000	<330	16000	36000
Pyrene, ug/kg	1700	10000	<330	19000	37000
2-Methylnaphthalene, ug/kg	<330	1700	<330	550	1400
1-Methylnaphthalene, ug/kg	<330	950	<330	540	1400
Surrogate - 2-Fluorobiphenyl, ug/kg	44.05	53.13	37.02	44.32	55.75
Surrogate - Expected Value, ug/kg	50.00	50.00	50.00	50.00	50.00
Surrogate - % Recovery	88 %	106 %	74 %	89 %	112 %
Surrogate - Control Limit	10-152 %	10-152 %	10-152 %	10-152 %	10-152 %
Date Extracted	12.20.96	12.20.96	12.20.96	12.20.96	12.20.96
Date Analyzed	01.02.97	01.10.97	01.03.97	01.10.97	01.10.97
Method Number	EPA 8100	EPA 8100	EPA 8100	EPA 8100	EPA 8100
Dilution factor	1	1/10	1	1/10	1/20

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72907
Received: 17 DEC 96
Reported: 21 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 114070129

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72907-6	SB-18-10 (8-10')	12-10-96/1544
72907-7	SB-18-15 (6"-2')	12-10-96/1602
72907-8	SB-18-15 (4-6')	12-10-96/1615
72907-9	SB-18-15 (6-8')	12-10-96/1619
72907-10	SB-18-33 (6"-2')	12-10-96/1701

PARAMETER	72907-6	72907-7	72907-8	72907-9	72907-10
Polynuclear Aromatic Hydrocarbons (8100)					
Acenaphthene, ug/kg	1300	480	5300	<330	<330
Acenaphthylene, ug/kg	680	<330	420	<330	<330
Anthracene, ug/kg	1700	810	9100	<330	<330
Benzo(a)anthracene, ug/kg	3100	2500	20000	410	800
Benzo(a)pyrene, ug/kg	<3300	<6700	9500	<330	<330
Benzo(b)fluoranthene, ug/kg	<3300	<6700	20000	<330	<330
Benzo(g,h,i)perylene, ug/kg	<3300	<6700	7700	<330	<330
Benzo(k)fluoranthene, ug/kg	<3300	<6700	<6700	<330	<330
Chrysene, ug/kg	3800	3700	21000	420	1300
Dibenzo(a,h)anthracene, ug/kg	<3300	<6700	<6700	<330	<330
Fluoranthene, ug/kg	5700	5300	44000	500	1800
Fluorene, ug/kg	<3300	440	<6700	<330	<330
Indeno(1,2,3-cd)pyrene, ug/kg	<3300	<6700	10000	<330	<330

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LOG NO: D6-72907
Received: 17 DEC 96
Reported: 21 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 114070129

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72907-6	SB-18-10 (8-10')	12-10-96/1544
72907-7	SB-18-15 (6"-2')	12-10-96/1602
72907-8	SB-18-15 (4-6')	12-10-96/1615
72907-9	SB-18-15 (6-8')	12-10-96/1619
72907-10	SB-18-33 (6"-2')	12-10-96/1701

PARAMETER	72907-6	72907-7	72907-8	72907-9	72907-10
Naphthalene, ug/kg	1800	<330	2300	<330	<330
Phenanthrene, ug/kg	5000	3300	31000	490	660
Pyrene, ug/kg	5600	5200	37000	<330	1600
2-Methylnaphthalene, ug/kg	3900	<330	1000	<330	<330
1-Methylnaphthalene, ug/kg	4300	<330	1100	<330	<330
Surrogate - 2-Fluorobiphenyl, ug/kg	54.68	46.48	53.40	57.56	36.62
Surrogate - Expected Value, ug/kg	50.00	50.00	50.00	50.00	50.00
Surrogate - % Recovery	109 %	93 %	107 %	115 %	73 %
Surrogate - Control Limit	10-152 %	10-152 %	10-152 %	10-152 %	10-152 %
Date Extracted	12.20.96	12.20.96	12.20.96	12.20.96	12.20:96
Date Analyzed	01.10.97	01.10.97	01.10.97	01.09.97	01.03.97
Method Number	EPA 8100	EPA 8100	EPA 8100	EPA 8100	EPA 8100
Dilution factor	1/10	1/20	1/20	1	1

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72907-11	SB-18-33 (4-6')	12-10-96/1707
72907-12	SB-18-33 (8-10')	12-10-96/1719
72907-13	SB-18-23 (6"-2')	12-11-96/1122
72907-14	SB-18-23 (4-6')	12-11-96/1138
72907-15	SB-18-23 (6-8')	12-11-96/1141

PARAMETER	72907-11	72907-12	72907-13	72907-14	72907-15
Polynuclear Aromatic Hydrocarbons (8100)					
Acenaphthene, ug/kg	<330	<330	<330	4700	<330
Acenaphthylene, ug/kg	<330	<330	<330	<330	<330
Anthracene, ug/kg	<330	<330	<330	6800	<330
Benzo(a)anthracene, ug/kg	<330	<330	540	8000	<330
Benzo(a)pyrene, ug/kg	<330	<330	<330	<3300*F34	<330
Benzo(b)fluoranthene, ug/kg	<330	<330	<330	8300	420
Benzo(g,h,i)perylene, ug/kg	<330	<330	<330	<3300*F34	350
Benzo(k)fluoranthene, ug/kg	<330	<330	<330	<3300*F34	<330
Chrysene, ug/kg	<330	<330	480	6300	<330
Dibenzo(a,h)anthracene, ug/kg	<330	<330	<330	<3300*F34	<330
Fluoranthene, ug/kg	<330	<330	<330	22000	900
Fluorene, ug/kg	<330	<330	<330	4400	<330
Indeno(1,2,3-cd)pyrene, ug/kg	<330	<330	<330	<3300*F34	400

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72907-11	SB-18-33 (4-6')	12-10-96/1707
72907-12	SB-18-33 (8-10')	12-10-96/1719
72907-13	SB-18-23 (6"-2')	12-11-96/1122
72907-14	SB-18-23 (4-6')	12-11-96/1138
72907-15	SB-18-23 (6-8')	12-11-96/1141

PARAMETER	72907-11	72907-12	72907-13	72907-14	72907-15
Naphthalene, ug/kg	<330	<330	<330	4900	<330
Phenanthrene, ug/kg	<330	<330	<330	24000	410
Pyrene, ug/kg	<330	<330	<330	18000	580
2-Methylnaphthalene, ug/kg	<330	<330	<330	1400	<330
1-Methylnaphthalene, ug/kg	<330	<330	<330	870	<330
Surrogate - 2-Fluorobiphenyl, ug/kg	37.55	37.39	43.09	40.77	44.98
Surrogate - Expected Value, ug/kg	50.00	50.00	50.00	50.00	50.00
Surrogate - % Recovery	75 %	75 %	86 %	82 %	90 %
Surrogate - Control Limit	10-152 %	10-152 %	10-152 %	10-152 %	10-152 %
Date Extracted	12.20.96	12.20.96	12.20.96	12.20.96	12.20:96
Date Analyzed	01.03.97	01.03.97	01.03.97	01.06.97	01.03.97
Method Number	EPA 8100	EPA 8100	EPA 8100	EPA 8100	EPA 8100
Dilution factor	1	1	1	1/10	1

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72907-16	SB-18-28 (0-6")	12-11-96/1505
72907-17	SB-18-28 (6-8')	12-11-96/1538
72907-18	SB-18-28 (10-12')	12-11-96/1550
72907-19	SB-18-3 (0-6")	12-12-96/1406
72907-20	SB-18-3 (4-6')	12-12-96/1413

PARAMETER	72907-16	72907-17	72907-18	72907-19	72907-20
Polynuclear Aromatic Hydrocarbons (8100)					
Acenaphthene, ug/kg	<330	<330	<6700*F34	<330	<330
Acenaphthylene, ug/kg	<330	<330	<6700*F34	<330	<330
Anthracene, ug/kg	<330	<330	<6700*F34	<330	900
Benzo(a)anthracene, ug/kg	690	<330	<6700*F34	600	1700
Benzo(a)pyrene, ug/kg	950	<330	<6700*F34	460	2800
Benzo(b)fluoranthene, ug/kg	1800	<330	<6700*F34	870	2200
Benzo(g,h,i)perylene, ug/kg	1100	<330	<6700*F34	470	2200
Benzo(k)fluoranthene, ug/kg	<330	<330	<6700*F34	<330	1800
Chrysene, ug/kg	940	<330	<6700*F34	740	2100
Dibenzo(a,h)anthracene, ug/kg	<330	<330	<6700*F34	<330	<330
Fluoranthene, ug/kg	1900	<330	<6700*F34	1400	4000
Fluorene, ug/kg	<330	<330	<6700*F34	<330	<330
Indeno(1,2,3-cd)pyrene, ug/kg	1100	<330	<6700*F34	640	3100

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72907-16	SB-18-28 (0-6")	12-11-96/1505
72907-17	SB-18-28 (6-8')	12-11-96/1538
72907-18	SB-18-28 (10-12')	12-11-96/1550
72907-19	SB-18-3 (0-6")	12-12-96/1406
72907-20	SB-18-3 (4-6')	12-12-96/1413

PARAMETER	72907-16	72907-17	72907-18	72907-19	72907-20
Naphthalene, ug/kg	<330	<330	<6700*F34	<330	<330
Phenanthrene, ug/kg	970	<330	<6700*F34	630	2300
Pyrene, ug/kg	1600	<330	<6700*F34	1100	3900
2-Methylnaphthalene, ug/kg	<330	<330	2400	<330	<330
1-Methylnaphthalene, ug/kg	<330	<330	<6700*F34	<330	<330
Surrogate - 2-Fluorobiphenyl, ug/kg	42.20	43.34	42.44	34.84	41.72
Surrogate - Expected Value, ug/kg	50.00	50.00	50.00	50.00	50.00
Surrogate - % Recovery	84 %	87 %	85 %	70 %	83 %
Surrogate - Control Limit	10-152 %	10-152 %	10-152 %	10-152 %	10-152 %
Date Extracted	12.20.96	12.20.96	12.20.96	12.20.96	12.20.96
Date Analyzed	01.06.97	01.03.97	01.06.97	01.13.97	01.13.97EP
Method Number	EPA 8100	EPA 8100	EPA 8100	EPA 8100	EPA 8100
Dilution factor	1/10	1	1/20	1	1

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72907-21	SB-18-3 (10-11')	12-12-96/1424
72907-22	SB-18-21A (0-6")	12-13-96/1223
72907-23	SB-18-21A (4-6')	12-13-96/1240
72907-24	SB-18-21A (6-8')	12-13-96/1248

PARAMETER	72907-21	72907-22	72907-23	72907-24
Polynuclear Aromatic Hydrocarbons (8100)				
Acenaphthene, ug/kg	<3300	<330	710	<330
Acenaphthylene, ug/kg	3700*F35	<330	<330	<330
Anthracene, ug/kg	<3300	<330	<1700*F34	<330
Benzo(a)anthracene, ug/kg	<3300	970	<1700*F34	<330
Benzo(a)pyrene, ug/kg	<3300	890	<1700*F34	<330
Benzo(b)fluoranthene, ug/kg	<3300	1600	<1700*F34	<330
Benzo(g,h,i)perylene, ug/kg	<3300	780	<1700*F34	<330
Benzo(k)fluoranthene, ug/kg	<3300	<330	<1700*F34	<330
Chrysene, ug/kg	<3300	1200	<1700	<330
Dibenzo(a,h)anthracene, ug/kg	<3300	<330	<1700*F34	<330
Fluoranthene, ug/kg	4700	2300	<330	<330
Fluorene, ug/kg	<3300	<330	1600	<330
Indeno(1,2,3-cd)pyrene, ug/kg	<3300	990	<1700*F34	<330
Naphthalene, ug/kg	4800*F35	<330	960	<330
Phenanthrene, ug/kg	6700*F35	1100	<1700*F34	<330

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72907-21	SB-18-3 (10-11')	12-12-96/1424
72907-22	SB-18-21A (0-6")	12-13-96/1223
72907-23	SB-18-21A (4-6')	12-13-96/1240
72907-24	SB-18-21A (6-8')	12-13-96/1248

PARAMETER	72907-21	72907-22	72907-23	72907-24
Pyrene, ug/kg	6300*F35	1800	1800*F35	<330
2-Methylnaphthalene, ug/kg	17000*F35	<330	5300	<330
1-Methylnaphthalene, ug/kg	17000*F35	<330	3700	<330
Surrogate - 2-Fluorobiphenyl, ug/kg	51.81	40.53	57.72	39.81
Surrogate - Expected Value, ug/kg	50.00	50.00	50.00	50.00
Surrogate - % Recovery	104 %	81 %	115 %	80 %
Surrogate - Control Limit	10-152 %	10-152 %	10-152 %	10-152 %
Date Extracted	12.20.96	12.20.96	12.20.96	12.20.96
Date Analyzed	01.03.97	01.13.97	01.06.97	01.13.97
Method Number	EPA 8100	EPA 8100	EPA 8100	EPA 8100
Dilution factor	10	1	1/5	1

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72907-25	Lab Blank
72907-26	Accuracy - % Recovery (Mean)
72907-27	Precision - Relative % Difference
72907-28	Detection Limit

PARAMETER	72907-25	72907-26	72907-27	72907-28
Polynuclear Aromatic Hydrocarbons (8100)				
Acenaphthene, ug/kg	<330	91 %	5.5 %	330
Acenaphthylene, ug/kg	<330	---	---	330
Anthracene, ug/kg	<330	---	---	330
Benzo(a)anthracene, ug/kg	<330	---	---	330
Benzo(a)pyrene, ug/kg	<330	102 %	7.8 %	330
Benzo(b)fluoranthene, ug/kg	<330	---	---	330
Benzo(g,h,i)perylene, ug/kg	<330	---	---	330
Benzo(k)fluoranthene, ug/kg	<330	---	---	330
Chrysene, ug/kg	<330	---	---	330
Dibenzo(a,h)anthracene, ug/kg	<330	---	---	330
Fluoranthene, ug/kg	<330	90 %	6.7 %	330
Fluorene, ug/kg	<330	---	---	330
Indeno(1,2,3-cd)pyrene, ug/kg	<330	---	---	330
Naphthalene, ug/kg	<330	77 %	5.2 %	330
Phenanthrene, ug/kg	<330	---	---	330

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LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72907-25	Lab Blank
72907-26	Accuracy - % Recovery (Mean)
72907-27	Precision - Relative % Difference
72907-28	Detection Limit

PARAMETER	72907-25	72907-26	72907-27	72907-28
Pyrene, ug/kg	<330	95 %	6.3 %	330
2-Methylnaphthalene, ug/kg	<330	---	---	330
1-Methylnaphthalene, ug/kg	<330	---	---	330
Surrogate - 2-Fluorobiphenyl, ug/kg	42.78	---	---	---
Surrogate - Expected Value, ug/kg	50.00	---	---	---
Surrogate - % Recovery	86 %	---	---	---
Surrogate - Control Limit	10-152 %	---	---	---
Date Extracted	12.20.96	---	---	---
Date Analyzed	01.02.97	---	---	---
Method Number	EPA 8100	---	---	---

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72907-29	Lab Blank
72907-30	Accuracy - % Recovery (Mean)
72907-31	Precision - Relative % Difference
72907-32	Detection Limit

PARAMETER	72907-29	72907-30	72907-31	72907-32
Polynuclear Aromatic Hydrocarbons (8100)				
Acenaphthene, ug/kg	<330	76 %*F75	12 %	330
Acenaphthylene, ug/kg	<330	---	---	330
Anthracene, ug/kg	<330	---	---	330
Benzo(a)anthracene, ug/kg	<330	---	---	330
Benzo(a)pyrene, ug/kg	<330	107 %	9.3 %	330
Benzo(b)fluoranthene, ug/kg	<330	---	---	330
Benzo(g,h,i)perylene, ug/kg	<330	---	---	330
Benzo(k)fluoranthene, ug/kg	<330	---	---	330
Chrysene, ug/kg	<330	---	---	330
Dibenzo(a,h)anthracene, ug/kg	<330	---	---	330
Fluoranthene, ug/kg	<330	---	---	330
Fluorene, ug/kg	<330	78 %*F75	10 %	330
Indeno(1,2,3-cd)pyrene, ug/kg	<330	---	---	330
Naphthalene, ug/kg	<330	64 %*F75	11 %	330
Phenanthrene, ug/kg	<330	---	---	330

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Code: 114070129

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72907-29	Lab Blank
72907-30	Accuracy - % Recovery (Mean)
72907-31	Precision - Relative % Difference
72907-32	Detection Limit

PARAMETER	72907-29	72907-30	72907-31	72907-32
Pyrene, ug/kg	<330	110 %	11 %	330
2-Methylnaphthalene, ug/kg	<330	---	---	330
1-Methylnaphthalene, ug/kg	<330	---	---	330
Surrogate - 2-Fluorobiphenyl, ug/kg	45.64	---	---	---
Surrogate - Expected Value, ug/kg	50.00	---	---	---
Surrogate - % Recovery	91 %	---	---	---
Surrogate - Control Limit	10-152 %	---	---	---
Date Extracted	12.20.96	---	---	---
Date Analyzed	01.02.97	---	---	---
Method Number	EPA 8100	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.
*F34 = Due to the abundance of organics in the sample, dilution was required.
*F35 = Due to the analyte abundance, target compound concentrations are reported from multiple runs to achieve requested detection limits.
*F75 = Matrix spike recoveries were outside advisory limits possibly due to matrix interference present in the sample; therefore, recovery of the laboratory control standard analyzed concurrently with the sample batch has been reported.

Paul Canevaro, Project Manager

Serial Number 44169

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE: Kaiser-Frazer Dump Area (PAOC 18)
PROJECT NO.: 480.75
P.O. NUMBER:
PROJECT LOC. (State): MICHIGAN
SAMPLER(s) NAME: Carol Denahan, Alan Fass
PHONE: (561) 750-3733
FAX:
CLIENT NAME: Blasland, Bouck & Lee, Inc.
CLIENT PROJECT MANAGER: Barbara Sullivan
CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, Fl. 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)
REQUIRED ANALYSES: PAH (8100)

PAGE 1 OF 2

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/9/96	1540		SB-18-37 (0-6")		✓			1	
	1548		SB-18-37 (2'-4')		✓			1	
	1605		SB-18-37 (10'-12')		✓			1	
12/10/96	1518		SB-18-10 (0-6")		✓			1	
	1522		SB-18-10 (6"-2')		✓			1	
	1544		SB-18-10 (8'-10')		✓			1	
	1602		SB-18-15 (6"-2')		✓			1	
	1615		SB-18-15 (4'-6')		✓			1	
	1619		SB-18-15 (6'-8')		✓			1	
12/11/96	1701		SB-18-33 (6"-2')		✓			1	
	1707		SB-18-33 (4'-6')		✓			1	
	1719		SB-18-33 (8'-10')		✓			1	
12/11/96	1122		SB-18-23 (6"-2')		✓			1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/16		Alan Fass	12/16/96	19:15			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Alan Fass	12/16/96	1000						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	12/17/96		☐ YES ☐ NO		D672907	

ORIGINAL

Serial Number 40148

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Dump Area (PAOC 18)	480.75	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MICHIGAN	Alan Fass, Carol Denahan	(561) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 Spanish River Blvd, Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: PAH (8100)

PAGE 2 OF 2

☒ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/11/96	1138		SB-18-23 (4'-6')	✓				1	
	1141		SB-18-23 (6'-8')	✓				1	
	1505		SB-18-28 (0-6")	✓				1	
	1538		SB-18-28 (6'-8')	✓				1	
↓	1550		SB-18-28 (10'-12')	✓				1	
12/12/96	1406		SB-18-3 (0-6")	✓				1	
	1413		SB-18-3 (4'-6')	✓				1	
↓	1424		SB-18-3 (10'-11')	✓				1	
12/13/96	1223		SB-18-21A (0-6")	✓				1	
	1240		SB-18-21A (4'-6')	✓				1	
↓	1248		SB-18-21A (6'-8')	✓				1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/16		Alan Fass	12/16/96	1915			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Alan Fass	12/10/96	1000						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	12/17/96		☐ YES ☐ NO		D6729G7	

ORIGINAL

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72908
Received: 17 DEC 96
Reported: 21 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 160570128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72908-1	SB-18-21A (0-6")
72908-2	SB-18-21A (6"-2')
72908-3	SB-18-21A (2-4')
72908-4	SB-18-21A (6-8')
72908-5	SB-18-21A (8-10')

PARAMETER	72908-1	72908-2	72908-3	72908-4	72908-5
Lead (7421)					
Lead, mg/kg dw	360	730	1400*F23	11	12
Date Analyzed	12.27.96	12.27.96	01.03.97	12.27.96	12.30.96
Method Number	EPA 7421	EPA 7421	EPA 6010	EPA 7421	EPA 7421
Percent Solids, %	89	92	95	94	87

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72908-6	SB-18-35 (2-8")
72908-7	SB-18-35 (8"-2.2')
72908-8	SB-18-35 (4.2-6.2')
72908-9	SB-18-35 (6.2-8.2')
72908-10	SB-18-35 (10.2-12')

PARAMETER	72908-6	72908-7	72908-8	72908-9	72908-10
Lead (7421)					
Lead, mg/kg dw	15	71	3100*F23	18	5.6
Date Analyzed	12.31.96	12.31.96	01.03.97	12.31.96	12.31.96
Method Number	EPA 7421	EPA 7421	EPA 6010	EPA 7421	EPA 7421
Percent Solids, %	94	91	94	88	94

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LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72908-11	SB-18-36 (0-6")
72908-12	SB-18-36 (6"-2')
72908-13	SB-18-36 (4-5')
72908-14	SB-18-38 (0-6")
72908-15	SB-18-38 (6"-2')

PARAMETER	72908-11	72908-12	72908-13	72908-14	72908-15
Lead (7421)					
Lead, mg/kg dw	7.7	5.2	4.0	42	8.3
Date Analyzed	12.31.96	12.31.96	12.31.96	12.31.96	12.31.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	86	84	88	86	89

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72908-16	SB-1B-38 (4-5.5')
72908-17	SB-1B-40 (0-6")
72908-18	SB-1B-40 (6"-2')
72908-19	SB-1B-40 (4-6')
72908-20	SB-1B-41A (0-6")

PARAMETER	72908-16	72908-17	72908-18	72908-19	72908-20
Lead (7421)					
Lead, mg/kg dw	2.1	97	13	3.2	37
Date Analyzed	12.31.96	12.31.96	12.31.96	12.31.96	12.31.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	80	86	90	94	90

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72908-21	SB-18-41A (6"-2')
72908-22	SB-18-41A (4-6')
72908-23	SB-18-41A (6-8')
72908-24	SB-18-41A (8-10')
72908-25	SB-18-41A (10-11')

PARAMETER	72908-21	72908-22	72908-23	72908-24	72908-25
Lead (7421)					
Lead, mg/kg dw	23	6.9	4.4	4.7	2.6
Date Analyzed	12.30.96	12.30.96	12.30.96	12.30.96	12.30.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	89	93	97	91	91

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72908-26	SB-18-48 (0-6")
72908-27	SB-18-48 (2-4')
72908-28	SB-18-48 (4-6')
72908-29	SB-18-48 (6-8')
72908-30	SB-18-48 (8-10')

PARAMETER	72908-26	72908-27	72908-28	72908-29	72908-30
Lead (7421)					
Lead, mg/kg dw	100	3.4	3.7	3.3	3.8
Date Analyzed	12.30.96	12.30.96	12.30.96	12.30.96	12.30.96
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	88	97	99	98	97

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72908-31	SB-18-48 (10-12')
72908-32	Duplicate 1F
72908-33	Duplicate 2F
72908-34	Duplicate 3F
72908-35	Duplicate 4F

PARAMETER	72908-31	72908-32	72908-33	72908-34	72908-35
Lead (7421)					
Lead, mg/kg dw	2.8	460	3.3	21	2500*F23
Date Analyzed	12.30.96	12.30.96	12.30.96	12.30.96	01.03.97
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 6010
Percent Solids, %	93	95	90	90	70

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72908-36	SB-18-35 (2.2-4.2')
72908-37	SB-18-35 (8.2-10.2')
72908-38	SB-18-36 (2-4')
72908-39	SB-18-38 (2-4')
72908-40	SB-18-40 (2-4')

PARAMETER	72908-36	72908-37	72908-38	72908-39	72908-40
Polynuclear Aromatic Hydrocarbons (8100)					
Acenaphthene, ug/kg dw	41000*F34	<2800	<330	<330	<330
Acenaphthylene, ug/kg dw	<40000	<2800	<330	<330	<330
Anthracene, ug/kg dw	<40000	<2800	<330	<330	<330
Benzo(a)anthracene, ug/kg dw	<40000	<2800	<330	<330	<330
Benzo(a)pyrene, ug/kg dw	<40000	<2800	<330	<330	<330
Benzo(b)fluoranthene, ug/kg dw	<40000	<2800	<330	<330	<330
Benzo(g,h,i)perylene, ug/kg dw	<40000	<2800	<330	<330	<330
Benzo(k)fluoranthene, ug/kg dw	<40000	<2800	<330	<330	<330
Chrysene, ug/kg dw	<40000	<2800	<330	<330	<330
Dibenzo(a,h)anthracene, ug/kg dw	<40000	<2800	<330	<330	<330
Fluoranthene, ug/kg dw	<40000	9100	<330	<330	<330
Fluorene, ug/kg dw	55000	<2800	<330	<330	<330
Indeno(1,2,3-cd)pyrene, ug/kg dw	<40000	<2800	<330	<330	<330
Naphthalene, ug/kg dw	110000	<2800	<330	<330	<330
Phenanthrene, ug/kg dw	61000	<2800	<330	<330	<330
Pyrene, ug/kg dw	<40000	3600	<330	<330	<330
2-Methylnaphthalene, ug/kg dw	290000	6000	<330	<330	<330
1-Methylnaphthalene, ug/kg dw	230000	<2800	<330	<330	<330

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72908-36	SB-18-35 (2.2-4.2')
72908-37	SB-18-35 (8.2-10.2')
72908-38	SB-18-36 (2-4')
72908-39	SB-18-38 (2-4')
72908-40	SB-18-40 (2-4')

PARAMETER	72908-36	72908-37	72908-38	72908-39	72908-40
Surrogate - 2-Fluorobiphenyl, ug/kg dw	49.02	44.42	32.29	30.78	30.28
Surrogate - Expected Value, ug/kg dw	50.00	50.00	50.00	50.00	50.00
Surrogate - % Recovery	98 %	89 %	64 %	62 %	60 %
Surrogate - Control Limit	10-152 %	10-152 %	10-152 %	10-152 %	10-152 %
Date Extracted	12.20.96	12.20.96	12.20.96	12.20.96	12.20.96
Date Analyzed	12.23.96	12.23.96	12.23.96	12.23.96	12.23.96
Method Number	EPA 8100	EPA 8100	EPA 8100	EPA 8100	EPA 8100
Dilution factor	100	10	1	1	1
Lead (7421)					
Lead, mg/kg dw	8100*F23	360	4.9	4.3	5.1
Date Analyzed	01.03.97	12.31.96	12.31.96	12.31.96	12.31.96
Method Number	EPA 6010	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	63	90	91	88	92

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72908-41	SB-18-41A (2-4')
72908-42	SB-18-48 (6"-2')

PARAMETER	72908-41	72908-42
Polynuclear Aromatic Hydrocarbons (8100)		
Acenaphthene, ug/kg dw	<330	<330
Acenaphthylene, ug/kg dw	<330	<330
Anthracene, ug/kg dw	<330	<330
Benzo(a)anthracene, ug/kg dw	<330	<330
Benzo(a)pyrene, ug/kg dw	<330	<330
Benzo(b)fluoranthene, ug/kg dw	<330	<330
Benzo(g,h,i)perylene, ug/kg dw	<330	<330
Benzo(k)fluoranthene, ug/kg dw	<330	<330
Chrysene, ug/kg dw	<330	<330
Dibenzo(a,h)anthracene, ug/kg dw	<330	<330
Fluoranthene, ug/kg dw	<330	<330
Fluorene, ug/kg dw	<330	<330
Indeno(1,2,3-cd)pyrene, ug/kg dw	<330	<330
Naphthalene, ug/kg dw	<330	<330
Phenanthrene, ug/kg dw	<330	<330
Pyrene, ug/kg dw	<330	<330
2-Methylnaphthalene, ug/kg dw	<330	<330
1-Methylnaphthalene, ug/kg dw	<330	<330
Surrogate - 2-Fluorobiphenyl, ug/kg dw	34.72	30.61
Surrogate - Expected Value, ug/kg dw	50.00	50.00
Surrogate - % Recovery	69 %	61 %
Surrogate - Control Limit	10-152 %	10-152 %
Date Extracted	12.20.96	12.20.96
Date Analyzed	12.23.96	12.23.96
Method Number	EPA 8100	EPA 8100
Dilution factor	1	1

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72908-41	SB-18-41A (2-4')
72908-42	SB-18-48 (6"-2')

PARAMETER	72908-41	72908-42
Lead (7421)		
Lead, mg/kg dw	2.7	7.4
Date Analyzed	12.31.96	12.31.96
Method Number	EPA 7421	EPA 7421
Percent Solids, %	95	94

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES
72908-43	SB-18-21A (4-6')

PARAMETER	72908-43
Lead (7421)	
Lead, mg/kg dw	570
Date Analyzed	12.27.96
Method Number	EPA 7421
Percent Solids, %	92

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Code: 160570128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72908-44	Duplicate 5F	12-13-96/0950
72908-45	Duplicate 6F	12-13-96/1218

PARAMETER	72908-44	72908-45
Polynuclear Aromatic Hydrocarbons (8100)		
Acenaphthene, ug/kg dw	<330	<330
Acenaphthylene, ug/kg dw	<330	<330
Anthracene, ug/kg dw	<330	<330
Benzo(a)anthracene, ug/kg dw	<330	<330
Benzo(a)pyrene, ug/kg dw	<330	<330
Benzo(b)fluoranthene, ug/kg dw	<330	530
Benzo(g,h,i)perylene, ug/kg dw	<330	370
Benzo(k)fluoranthene, ug/kg dw	<330	<330
Chrysene, ug/kg dw	<330	<330
Dibenzo(a,h)anthracene, ug/kg dw	<330	<330
Fluoranthene, ug/kg dw	<330	890
Fluorene, ug/kg dw	<330	<330
Indeno(1,2,3-cd)pyrene, ug/kg dw	<330	<330
Naphthalene, ug/kg dw	<330	<330
Phenanthrene, ug/kg dw	<330	<330
Pyrene, ug/kg dw	<330	800
2-Methylnaphthalene, ug/kg dw	<330	820
1-Methylnaphthalene, ug/kg dw	<330	590
Surrogate - 2-Fluorobiphenyl, ug/kg dw	45.19	42.35
Surrogate - Expected Value, ug/kg dw	50.00	50.00
Surrogate - % Recovery	90 %	85 %
Surrogate - Control Limit	10-152 %	10-152 %
Date Extracted	12.20.96	12.20.96
Date Analyzed	12.23.96	12.23.96
Method Number	EPA 8100	EPA 8100
Dilution factor	1	1

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

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LOG NO: D6-72908
Received: 17 DEC 96
Reported: 21 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 160570128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72908-44	Duplicate 5F	12-13-96/0950
72908-45	Duplicate 6F	12-13-96/1218

PARAMETER	72908-44	72908-45
Percent Solids, %	88	95

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Received: 17 DEC 96
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Ms. Barbara Sullivan
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185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 160570128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES
72908-46	Equipment Blank 1F
72908-47	Equipment Blank 2F

PARAMETER	72908-46	72908-47
Polynuclear Aromatic Hydrocarbons (8100)		
Acenaphthene, ug/l	<10	<10
Acenaphthylene, ug/l	<10	<10
Anthracene, ug/l	<10	<10
Benzo(a)anthracene, ug/l	<4.0	<4.0
Benzo(a)pyrene, ug/l	<4.0	<4.0
Benzo(b)fluoranthene, ug/l	<4.0	<4.0
Benzo(g,h,i)perylene, ug/l	<10	<10
Benzo(k)fluoranthene, ug/l	<5.0	<5.0
Chrysene, ug/l	<5.0	<5.0
Dibenzo(a,h)anthracene, ug/l	<5.0	<5.0
Fluoranthene, ug/l	<10	<10
Fluorene, ug/l	<10	<10
Indeno(1,2,3-cd)pyrene, ug/l	<5.0	<5.0
Naphthalene, ug/l	<5.0	<5.0
Phenanthrene, ug/l	<10	<10
Pyrene, ug/l	<10	<10
2-Methylnaphthalene, ug/l	<10	<10
1-Methylnaphthalene, ug/l	<10	<10
Surrogate - 2-Fluorobiphenyl, ug/l	43.64	38.17
Surrogate - Expected Value, ug/l	50.00	50.00
Surrogate - % Recovery	87 %	76 %
Surrogate - Control Limit	10-152 %	10-152 %
Date Extracted	12.18.96	12.18.96
Date Analyzed	12.20.96	12.20.96
Method Number	EPA 8100	EPA 8100
Dilution factor	1	1

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& ENVIRONMENTAL SERVICES, INC.

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LOG NO: D6-72908
Received: 17 DEC 96
Reported: 21 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 160570128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES
72908-46	Equipment Blank 1F
72908-47	Equipment Blank 2F

PARAMETER	72908-46	72908-47
Lead (7421)		
Lead, mg/l	<0.0050	<0.0050
Date Analyzed	12.27.96	12.27.96
Method Number	EPA 7421	EPA 7421

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LOG NO: D6-72908
Received: 17 DEC 96
Reported: 21 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 160570128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72908-48	Lab Blank
72908-49	Accuracy - % Recovery (Mean)
72908-50	Precision - Relative % Difference
72908-51	Detection Limit

PARAMETER	72908-48	72908-49	72908-50	72908-51
Polynuclear Aromatic Hydrocarbons (8100)				
Acenaphthene, ug/kg dw	<330	94 %	---	330
Acenaphthylene, ug/kg dw	<330	---	---	330
Anthracene, ug/kg dw	<330	---	---	330
Benzo(a)anthracene, ug/kg dw	<330	---	---	330
Benzo(a)pyrene, ug/kg dw	<330	118 %	3.3 %	330
Benzo(b)fluoranthene, ug/kg dw	<330	---	---	330
Benzo(g,h,i)perylene, ug/kg dw	<330	---	---	330
Benzo(k)fluoranthene, ug/kg dw	<330	---	---	330
Chrysene, ug/kg dw	<330	---	---	330
Dibenzo(a,h)anthracene, ug/kg dw	<330	---	---	330
Fluoranthene, ug/kg dw	<330	---	---	330
Fluorene, ug/kg dw	<330	84 %	4.8 %	330
Indeno(1,2,3-cd)pyrene, ug/kg dw	<330	---	---	330
Naphthalene, ug/kg dw	<330	70 %	7.2 %	330
Phenanthrene, ug/kg dw	<330	---	---	330
Pyrene, ug/kg dw	<330	106 %	4.7 %	330
2-Methylnaphthalene, ug/kg dw	<330	---	---	330
1-Methylnaphthalene, ug/kg dw	<330	---	---	330
Surrogate - 2-Fluorobiphenyl, ug/kg dw	43.42	---	---	---
Surrogate - Expected Value, ug/kg dw	50.00	---	---	---
Surrogate - % Recovery	87 %	---	---	---
Surrogate - Control Limit	10-152 %	---	---	---
Date Extracted	12.20.96	---	---	---
Date Analyzed	12.20.96	---	---	---
Method Number	EPA 8100	---	---	---

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LOG NO: D6-72908
Received: 17 DEC 96
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Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 160570128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72908-48	Lab Blank
72908-49	Accuracy - % Recovery (Mean)
72908-50	Precision - Relative % Difference
72908-51	Detection Limit

PARAMETER	72908-48	72908-49	72908-50	72908-51
Lead (7421)				
Lead, mg/kg dw	<0.50	106 %*F81	3.8 %	0.50
Date Analyzed	12.27.96	---	---	---
Method Number	EPA 7421	---	---	---

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72908
Received: 17 DEC 96
Reported: 21 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 160570128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72908-52	Lab Blank
72908-53	Accuracy - % Recovery (Mean)
72908-54	Precision - Relative % Difference
72908-55	Detection Limit

PARAMETER	72908-52	72908-53	72908-54	72908-55
Lead (7421)				
Lead, mg/kg dw	<0.50	126 %	4.8 %	0.50
Date Analyzed	12.31.96	---	---	---
Method Number	EPA 7421	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.
*F23 = Due to the abundance of target analyte, the reported result was quantified by ICP to minimize dilution error.
*F34 = Due to the abundance of organics in the sample, dilution was required.
*F81 = Matrix spike recoveries were outside advisory limits due to abundance of target analytes present in the sample; therefore, laboratory control standards analyzed concurrently with the sample batch have been reported.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 44496

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
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☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (205) 666-6633 — Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Area (PAOC 18)	480.75	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE / FAX
MICHIGAN	Carol Denahan, Alan Fass	(561) 750-3733

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb(7421), PAH(8100), 8260

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/3/96	12:23		SB-18-21A (0-6")	✓			1		*
	12:27		SB-18-21A (6"-2')	✓			1		
	12:32		SB-18-21A (2'-4')	✓			1		
	12:40		SB-18-21A (4'-6')	✓			1	1	
	1248		SB-18-21A (6'-8')	✓			1		
	12:58		SB-18-21A (8'-10')	✓			1		
	15:44		SB-18-35 (2"-8")	✓			1	1 *	* HOLD ALL 8260 LAB SAMPLES FOR PM APPROVAL
	15:46		SB-18-35 (8"-2.2')	✓			1	1 *	
	15:45		SB-18-35 (2.2'-4.2')	✓			1	1 1 *	
	16:00		SB-18-35 (4.2'-6.2')	✓			1	1 *	
	16:07		SB-18-35 (6.2'-8.2')	✓			1	1 *	
	16:15		SB-18-35 (8.2'-10.2')	✓			1	1 1 *	
↓	16:30		SB-18-35 (10.2'-12')	✓			1	1 *	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Carol	12/5/96							
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/10/96	10:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
	12/17/96		☐ YES ☐ NO		D67908	

ORIGINAL

Serial Number 44195

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

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☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442	Phone: (305) 421-7400	Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693	Phone: (205) 666-6633	Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634	Phone: (813) 885-7427	Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047	Phone: (504) 764-1100	Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE: Kaiser-Frazer Area (PAOC 18) | PROJECT NO.: 480.75 | P.O. NUMBER:

PROJECT LOC. (State): MICHIGAN | SAMPLER(s) NAME: Carol Denahan, Alan Fass | PHONE: (561) 750-3733 | FAX:

CLIENT NAME: Blasland, Bouck & Lee, Inc. | CLIENT PROJECT MANAGER: Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb(7421), PAH(8100)

PAGE 2 OF 4

☒ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/13/96	10:19		SB-18-36 (0-6")		✓			1	
	10:21		SB-18-36 (6"-2')		✓			1	
	10:27		SB-18-36 (2'-4')		✓			1 1	
	10:29		SB-18-36 (4'-5')		✓			1	
	1006		SB-18-38 (0-6")		✓			1	
	1005		SB-18-38 (6"-2')		✓			1	
	10:03		SB-18-38 (2'-4')		✓			1 1	
	10:10		SB-18-38 (4'-5.5')		✓			1	
	09:24		SB-18-40 (0-6")		✓			1	
	09:25		SB-18-40 (6"-2')		✓			1	
	09:32		SB-18-40 (2'-4')		✓			1 1	
	09:30		SB-18-40 (4'-6')		✓			1	
↓	13:24		SB-18-41A (0-6")		✓			1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	12/17/96							
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/16/96	1000						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
	12/17/96		☐ YES ☐ NO		D6)2908	

ORIGINAL

Serial Number 40197

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

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☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Area (PAOC 18)	480.75	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE / FAX
MICHIGAN	Carol Benahan, Alan Fass	(561) 750-3733

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
185 NW Spanish River Blvd.
Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421), PAH (8100)

PAGE 3 OF 4

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS	SOLID	AIR	NONAQ. LIQ.	Pb (7421)	PAH (8100)	REMARKS
12/13/96	13:25		SB-18-41A (6"-2')	✓				1		
	13:26		SB-18-41A (2'-4')	✓				1	1	
	13:27		SB-18-41A (4'-6')	✓				1		
	13:31		SB-18-41A (6'-8')	✓				1		
	13:36		SB-18-41A (8'-10')	✓				1		
	13:39		SB-18-41A (10'-11')	✓				1		
	13:49		SB-18-48 (0-6")	✓				1		
	13:55		SB-18-48 (6"-2')	✓				1	1	
	13:51		SB-18-48 (2'-4')	✓				1		
	13:55		SB-18-48 (4'-6')	✓				1		
	13:57		SB-18-48 (6'-8')	✓				1		
	14:02		SB-18-48 (8'-10')	✓				1		
↓	14:04		SB-18-48 (10'-12')	✓				1		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	12/16/96							
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Alan Fass	12/10/96	10 00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
	12/17/96		☐ YES ☐ NO		D672908	

ORIGINAL

Serial Number 44193

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 3314 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Area (PAOC 18)	480.75	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MICHIGAN	Carol Denahan, Alan Fass	(561) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
185 NW Spanish River Blvd.
Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb(7421) | PAH(8100) | 8260 | Pb(7420)

PAGE 4 OF 4

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	Pb(7421)	PAH(8100)	8260	Pb(7420)	REMARKS
12/13/96			Duplicate 1F		✓			1				
↓			Duplicate 2F		✓			1				
			Duplicate 3F		✓			1				
			Duplicate 4F		✓			1				
			Duplicate 5F		✓				1			
			Duplicate 6F		✓				1			
			Duplicate 7F		✓					1		
	09:50		Equipment Blank 1F	✓					1		1	
↓	12:18		Equipment Blank 2F	✓					1		1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	12/16/96							
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Alan Fass	12/13/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
	12/17/96		☐ YES ☐ NO		D672908	

ORIGINAL

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72909
Received: 17 DEC 96
Reported: 14 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 204170119

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72909-1	SB-18-20 (0-6")	12-14-96/1228
72909-2	SB-18-20 (2-4')	12-14-96/1250
72909-3	SB-18-31 (2-8")	12-14-96/0920
72909-4	SB-18-31 (8"-2.2')	12-14-96/0919
72909-5	SB-18-31 (4.2-6.2')	12-14-96/0924

PARAMETER	72909-1	72909-2	72909-3	72909-4	72909-5
Lead (7421)					
Lead, mg/kg dw	220	13	4.2	15	2.4
Date Analyzed	01.02.97	01.02.97	01.02.97	01.02.97	01.02.97
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	87	71	93	92	95

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72909
Received: 17 DEC 96
Reported: 14 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 204170119

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72909-6	SB-18-31 (6.2-8.2')	12-14-96/0926
72909-7	SB-18-31 (8.2-10.2')	12-14-96/0930
72909-8	SB-18-31 (10.2-12')	12-14-96/0933
72909-9	SB-18-39 (2-8")	12-14-96/1018
72909-10	SB-18-39 (8"-2.2')	12-14-96/1016

PARAMETER	72909-6	72909-7	72909-8	72909-9	72909-10
Lead (7421)					
Lead, mg/kg dw	5.2	3.7	5.0	1.1	4.3
Date Analyzed	01.02.97	01.02.97	01.02.97	01.02.97	01.02.97
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	84	86	87	94	93

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Code: 204170119

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72909-11	SB-18-39 (4.2-6.2')	12-14-96/1024
72909-12	SB-18-39 (6.2-8.2')	12-14-96/1032
72909-13	SB-18-39 (8.2-10.2')	12-14-96/1052
72909-14	SB-18-39 (10.2-12')	12-14-96/1055
72909-15	Duplicate 2S	12-14-96

PARAMETER	72909-11	72909-12	72909-13	72909-14	72909-15
Lead (7421)					
Lead, mg/kg dw	3.2	7.0	2.0	7.9	14
Date Analyzed	01.02.97	01.02.97	01.02.97	01.02.97	01.02.97
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	91	88	93	85	94

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 204170119

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72909-16	SB-18-20 (6"-2')	12-14-96/1235
72909-17	SB-18-31 (2.2-4.2')	12-14-96/0916
72909-18	SB-18-39 (2.2-4.2')	12-14-96/1014
72909-19	Duplicate 1S	12-14-96

PARAMETER	72909-16	72909-17	72909-18	72909-19
Polynuclear Aromatic Hydrocarbons (8100)				
Acenaphthene, ug/kg	5600	<330	<330	3900
Acenaphthylene, ug/kg	6300	<330	<330	4900
Anthracene, ug/kg	<3500	<330	<330	<1800
Benzo(a)anthracene, ug/kg	3500	<330	<330	<1800
Benzo(a)pyrene, ug/kg	<3500	<330	<330	<1800
Benzo(b)fluoranthene, ug/kg	<3500	<330	<330	<1800
Benzo(g,h,i)perylene, ug/kg	<3500	<330	<330	<1800
Benzo(k)fluoranthene, ug/kg	<3500	<330	<330	<1800
Chrysene, ug/kg	<3500	<330	<330	<1800
Dibenzo(a,h)anthracene, ug/kg	<3500	<330	<330	<1800
Fluoranthene, ug/kg	<3500	<330	<330	<1800
Fluorene, ug/kg	6000	<330	<330	4900
Indeno(1,2,3-cd)pyrene, ug/kg	<3500	<330	<330	<1800
Naphthalene, ug/kg	62000	<330	<330	35000
Phenanthrene, ug/kg	6700	<330	<330	5400
Pyrene, ug/kg	4200	<330	<330	4200
2-Methylnaphthalene, ug/kg	54000	<330	<330	30000
1-Methylnaphthalene, ug/kg	39000	<330	<330	27000
Surrogate - 2-Fluorobiphenyl, ug/kg	53.15	27.62	31.60	43.17
Surrogate - Expected Value, ug/kg	50.00	50.00	50.00	50.00

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Sampled By: CD/AF
Code: 204170119

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72909-16	SB-18-20 (6"-2')	12-14-96/1235
72909-17	SB-18-31 (2.2-4.2')	12-14-96/0916
72909-18	SB-18-39 (2.2-4.2')	12-14-96/1014
72909-19	Duplicate 1S	12-14-96

PARAMETER	72909-16	72909-17	72909-18	72909-19
Surrogate - % Recovery	106 %	55 %	63 %	86 %
Surrogate - Control Limit	10-152 %	10-152 %	10-152 %	10-152 %
Date Extracted	12.20.96	12.20.96	12.20.96	12.20.96
Date Analyzed	12.23.96	12.23.96	12.23.96	12.23.96
Method Number	EPA 8100	EPA 8100	EPA 8100	EPA 8100
Dilution factor	10	1	1	5
Lead (7421)				
Lead, mg/kg dw	2800*F23	3.8	3.6	2200*F23
Date Analyzed	01.07.97	01.03.97	01.02.97	01.07.97
Method Number	EPA 6010	EPA 7421	EPA 7421	EPA 6010
Percent Solids, %	72	94	95	68

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 204170119

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72909-20	Equipment Blank 1S	12-14-96/0835

PARAMETER	72909-20
Polynuclear Aromatic Hydrocarbons (8100)	
Acenaphthene, ug/l	<10
Acenaphthylene, ug/l	<10
Anthracene, ug/l	<10
Benzo(a)anthracene, ug/l	<4.0
Benzo(a)pyrene, ug/l	<4.0
Benzo(b)fluoranthene, ug/l	<4.0
Benzo(g,h,i)perylene, ug/l	<10
Benzo(k)fluoranthene, ug/l	<5.0
Chrysene, ug/l	<5.0
Dibenzo(a,h)anthracene, ug/l	<5.0
Fluoranthene, ug/l	<10
Fluorene, ug/l	<10
Indeno(1,2,3-cd)pyrene, ug/l	<5.0
Naphthalene, ug/l	<5.0
Phenanthrene, ug/l	<10
Pyrene, ug/l	<10
2-Methylnaphthalene, ug/l	<10
1-Methylnaphthalene, ug/l	<10
Surrogate - 2-Fluorobiphenyl, ug/l	36.71
Surrogate - Expected Value, ug/l	50.00
Surrogate - % Recovery	73 %
Surrogate - Control Limit	22-142 %
Date Extracted	12.18.96
Date Analyzed	12.20.96
Method Number	EPA 8100
Dilution factor	1

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Code: 204170119

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72909-20	Equipment Blank 1S	12-14-96/0835

PARAMETER	72909-20
Lead (7421)	
Lead, mg/l	<0.0050
Date Analyzed	01.07.97
Method Number	EPA 7421

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Sampled By: CD/AF
Code: 204170119

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72909-21	Equipment Blank 2S	12-14-96/0905
72909-22	Equipment Blank 3S	12-14-96/0910

PARAMETER	72909-21	72909-22
Polynuclear Aromatic Hydrocarbons (8100)		
Acenaphthene, ug/l	<10	<10
Acenaphthylene, ug/l	<10	<10
Anthracene, ug/l	<10	<10
Benzo(a)anthracene, ug/l	<4.0	<4.0
Benzo(a)pyrene, ug/l	<4.0	<4.0
Benzo(b)fluoranthene, ug/l	<4.0	<4.0
Benzo(g,h,i)perylene, ug/l	<10	<10
Benzo(k)fluoranthene, ug/l	<5.0	<5.0
Chrysene, ug/l	<5.0	<5.0
Dibenzo(a,h)anthracene, ug/l	<5.0	<5.0
Fluoranthene, ug/l	<10	<10
Fluorene, ug/l	<10	<10
Indeno(1,2,3-cd)pyrene, ug/l	<5.0	<5.0
Naphthalene, ug/l	<5.0	<5.0
Phenanthrene, ug/l	<10	<10
Pyrene, ug/l	<10	<10
2-Methylnaphthalene, ug/l	<10	<10
1-Methylnaphthalene, ug/l	<10	<10
Surrogate - 2-Fluorobiphenyl, ug/l	40.39	30.40
Surrogate - Expected Value, ug/l	50.00	50.00
Surrogate - % Recovery	81 %	61 %
Surrogate - Control Limit	22-142 %	22-142 %
Date Extracted	12.18.96	12.18.96
Date Analyzed	12.20.96	12.20.96
Method Number	EPA 8100	EPA 8100
Dilution factor	1	1

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72909-21	Equipment Blank 2S	12-14-96/0905
72909-22	Equipment Blank 3S	12-14-96/0910

PARAMETER	72909-21	72909-22

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Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 204170119

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72909-23	Lab Blank
72909-24	Accuracy - % Recovery (Mean)
72909-25	Precision - Relative % Difference
72909-26	Detection Limit

PARAMETER	72909-23	72909-24	72909-25	72909-26
Polynuclear Aromatic Hydrocarbons (8100)				
Acenaphthene, ug/kg	<330	94 %	2.1 %	330
Acenaphthylene, ug/kg	<330	---	---	330
Anthracene, ug/kg	<330	---	---	330
Benzo(a)anthracene, ug/kg	<330	---	---	330
Benzo(a)pyrene, ug/kg	<330	118 %	3.3 %	330
Benzo(b)fluoranthene, ug/kg	<330	---	---	330
Benzo(g,h,i)perylene, ug/kg	<330	---	---	330
Benzo(k)fluoranthene, ug/kg	<330	---	---	330
Chrysene, ug/kg	<330	---	---	330
Dibenzo(a,h)anthracene, ug/kg	<330	---	---	330
Fluoranthene, ug/kg	<330	---	---	330
Fluorene, ug/kg	<330	84 %	4.8 %	330
Indeno(1,2,3-cd)pyrene, ug/kg	<330	---	---	330
Naphthalene, ug/kg	<330	70 %	7.2 %	330
Phenanthrene, ug/kg	<330	---	---	330
Pyrene, ug/kg	<330	106 %	4.7 %	330
2-Methylnaphthalene, ug/kg	<330	---	---	330
1-Methylnaphthalene, ug/kg	<330	---	---	330
Surrogate - 2-Fluorobiphenyl, ug/kg	43.42	---	---	---
Surrogate - Expected Value, ug/kg	50.00	---	---	---
Surrogate - % Recovery	87 %	---	---	---
Surrogate - Control Limit	10-152 %	---	---	---
Date Extracted	12.20.96	---	---	---
Date Analyzed	12.20.96	---	---	---
Method Number	EPA 8100	---	---	---

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Code: 204170119

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72909-23	Lab Blank
72909-24	Accuracy - % Recovery (Mean)
72909-25	Precision - Relative % Difference
72909-26	Detection Limit

PARAMETER	72909-23	72909-24	72909-25	72909-26
Lead (7421)				
Lead, mg/kg dw	<0.50	106 %	1.9 %	0.50
Date Analyzed	01.02.97	---	---	---
Method Number	EPA 7421	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 44486

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

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☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Area (PAOC 18)	480.75	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE / FAX
MICHIGAN	Carol Denahan, Alan Fass	(561) 750-3733

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd. Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMI-SOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421), PAH (8100), 8260

PAGE 1 OF 3

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMI-SOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/14/96	1228		SB-18-20 (0-6") ✓	✓				1 1 1*	*Hold 8260 samples for P.M. Approval
↓	1235		SB-18-20 (6"-2') ✓	✓				1 1 1*	
↓	1250		SB-18-20 (2'-4') ✓	✓				1 1 1*	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	12/14							
RECEIVED BY: (SIGNATURE) Alan Fass	DATE & TIME 12/14/96 1000		RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
	12/17		☐ YES ☐ NO		D672904	

ORIGINAL

Serial Number 44392

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

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☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Area (PAOC 18)	480.75	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE / FAX
MICHIGAN	Carol Denahan, Alan Fass	(561) 750-3733

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
185 NW Spanish River Blvd.
Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421), PAH (8100)

PAGE 1 OF 3

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED		REMARKS
12/14/96	0920		SB-18-31 (2"-8") ✓	✓				1		
	0919		SB-18-31 (8"-2.2') ✓	✓				1		
	0916		SB-18-31 (2.2'-4.2') ✓	✓				1	1	
	0924		SB-18-31 (4.2'-6.2') ✓	✓				1		
	0926		SB-18-31 (6.2'-8.2') ✓	✓				1		
	0930		SB-18-31 (8.2'-10.2') ✓	✓				1		
	0933		SB-18-31 (10.2'-12') ✓	✓				1		
	1018		SB-18-39 (2"-8") ✓	✓				1		
	1016		SB-18-39 (8"-2.2') ✓	✓				1		
	1014		SB-18-39 (2.2'-4.2') ✓	✓				1	1	
	1024		SB-18-39 (4.2'-6.2') ✓	✓				1		
	1032		SB-18-39 (6.2'-8.2') ✓	✓				1		
↓	1052		SB-18-39 (8.2'-10.2') ✓	✓				1		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	12/16/96							
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Alan Fass	12/16/96	1000						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
	12/17/96		☐ YES ☐ NO		D672909	

ORIGINAL

Serial Number 42184

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Area	480.75	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MICHIGAN	Carol Denahan, Alan Fass	(561) 750-3733	(561)

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd., Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421), Pb (7420), PAH (8100), 8260

PAGE 3 OF 3

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID	Pb (7421)	Pb (7420)	PAH (8100)	8260	REMARKS
12/14/96	1055		SB-18-39 (10.2'-12') ✓		✓			1				*Hold 8260 sample for P.M. Approval
			Duplicate 1S ✓		✓			1		1	1*	
			Duplicate 2S ✓		✓			1				
	0835		Equipment Blank 1S ✓	✓					1	1		
	0905		Equipment Blank 2S ✓	✓						1		
↓	0910		Equipment Blank 3S ✓	✓						1		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/9/96	1800						
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/10/96	10 00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	12/12/96		☐ YES ☐ NO		D072909	

ORIGINAL

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72912
Received: 17 DEC 96
Reported: 20 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 153170120

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72912-1	SB-18-45 (0-6")	12-16-96/0850
72912-2	SB-18-45 (6"-2')	12-16-96/0853
72912-3	SB-18-45 (2-4')	12-16-96/0854
72912-4	SB-18-45 (6-8')	12-16-96/0903
72912-5	SB-18-45 (8-10')	12-16-96/0910

PARAMETER	72912-1	72912-2	72912-3	72912-4	72912-5
Lead (7421)					
Lead, mg/kg dw	1700*F23	340	3.8	10	3.6
Date Analyzed	01.07.97	01.02.97	01.02.97	01.02.97	01.02.97
Method Number	EPA 6010	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	89	86	95	93	97

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 153170120

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72912-6	SB-18-45 (10-11')	12-16-96/0915
72912-7	Duplicate 1 M2	12-16-96

PARAMETER	72912-6	72912-7
Lead (7421)		
Lead, mg/kg dw	8.3	310
Date Analyzed	01.02.97	01.02.97
Method Number	EPA 7421	EPA 7421
Percent Solids, %	89	88

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 153170120

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72912-8	SB-18-45 (4-6')	12-16-96/0902

PARAMETER	72912-8
Polynuclear Aromatics (8100)	
Acenaphthene, ug/kg dw	
Acenaphthylene, ug/kg dw	
Benzo(a)Pyrene, ug/kg dw	
Benzo (g,h,i) Perylene, ug/kg dw	
Benzo(b,k)fluoranthene, ug/kg dw	
Chrysene, ug/kg dw	
Benzo(a)Anthracene, ug/kg dw	
Fluoranthene, ug/kg dw	
Fluorene, ug/kg dw	
Indeno (1,2,3-cd) Pyrene, ug/kg dw	
Dibenzo (a,h) Anthracene, ug/kg dw	
Naphthalene, ug/kg dw	
Phenanthrene, ug/kg dw	
Anthracene, ug/kg dw	
Pyrene, ug/kg dw	
2-Methylnaphthalene, ug/kg dw	
1-Methylnaphthalene, ug/kg dw	
Surrogate - 2-Fluorobiphenyl, ug/kg dw	2640
Surrogate - Expected Value, ug/kg dw	3550
Surrogate - % Recovery, ug/kg dw	74 %
Surrogate - Control Limit, ug/kg dw	10-152%
Date Extracted	12.23.96
Date Analyzed	01.03.97
Dilution factor	1.0

Surrogate - % Recovery
2-Fluorobiphenyl
should be reported
in range of
22-142%
(10-152%?).

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 153170120

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72912-8	SB-18-45 (4-6')	12-16-96/0902

PARAMETER	72912-8
Lead (7421)	
Lead, mg/kg dw	7.7
Date Analyzed	01.02.97
Method Number	EPA 7421
Percent Solids, %	96

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 153170120

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
72912-9	Duplicate 4 M2	12-16-96

PARAMETER	72912-9
Polynuclear Aromatics (8100)	
Acenaphthene, ug/kg dw	<350
Acenaphthylene, ug/kg dw	<350
Benzo(a)Pyrene, ug/kg dw	<350
Benzo (g,h,i) Perylene, ug/kg dw	<350
Benzo(b,k)fluoranthene, ug/kg dw	<350
Chrysene, ug/kg dw	<350
Benzo(a)Anthracene, ug/kg dw	<350
Fluoranthene, ug/kg dw	<350
Fluorene, ug/kg dw	<350
Indeno (1,2,3-cd) Pyrene, ug/kg dw	<350
Dibenzo (a,h) Anthracene, ug/kg dw	<350
Naphthalene, ug/kg dw	<350
Phenanthrene, ug/kg dw	<350
Anthracene, ug/kg dw	<350
Pyrene, ug/kg dw	<350
2-Methylnaphthalene, ug/kg dw	<350
1-Methylnaphthalene, ug/kg dw	<350
Surrogate - 2-Fluorobiphenyl, ug/kg dw	2230
Surrogate - Expected Value, ug/kg dw	3150
Surrogate - % Recovery, ug/kg dw	64 %
Surrogate - Control Limit, ug/kg dw	10-152%
Date Extracted	12.23.96
Date Analyzed	01.06.97
Dilution factor	1.0
Percent Solids, %	90 %

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 153170120

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72912-10	Equipment Blank 4S	12-14-96/0943

PARAMETER	72912-10
Polynuclear Aromatic Hydrocarbons (8100)	
Acenaphthene, ug/l	<10
Acenaphthylene, ug/l	<10
Anthracene, ug/l	<10
Benzo(a)anthracene, ug/l	<4.0
Benzo(a)pyrene, ug/l	<4.0
Benzo(b)fluoranthene, ug/l	<4.0
Benzo(g,h,i)perylene, ug/l	<10
Benzo(k)fluoranthene, ug/l	<5.0
Chrysene, ug/l	<5.0
Dibenzo(a,h)anthracene, ug/l	<5.0
Fluoranthene, ug/l	<10
Fluorene, ug/l	<10
Indeno(1,2,3-cd)pyrene, ug/l	<5.0
Naphthalene, ug/l	<5.0
Phenanthrene, ug/l	<10
Pyrene, ug/l	<10
2-Methylnaphthalene, ug/l	<10
1-Methylnaphthalene, ug/l	<10
Surrogate - 2-Fluorobiphenyl, ug/l	33.40
Surrogate - Expected Value, ug/l	50.00
Surrogate - % Recovery	67 %
Surrogate - Control Limit	22-142 %
Date Extracted	12.18.96
Date Analyzed	12.20.96
Method Number	EPA 8100
Dilution factor	1

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Reported: 20 JAN 97

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185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 153170120

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72912-11	Equipment Blank 5S	12-14-96/0945

PARAMETER	72912-11
Polynuclear Aromatic Hydrocarbons (8100)	
Acenaphthene, ug/l	<10
Acenaphthylene, ug/l	<10
Anthracene, ug/l	<10
Benzo(a)anthracene, ug/l	<4.0
Benzo(a)pyrene, ug/l	<4.0
Benzo(b)fluoranthene, ug/l	<4.0
Benzo(g,h,i)perylene, ug/l	<10
Benzo(k)fluoranthene, ug/l	<5.0
Chrysene, ug/l	<5.0
Dibenzo(a,h)anthracene, ug/l	<5.0
Fluoranthene, ug/l	<10
Fluorene, ug/l	<10
Indeno(1,2,3-cd)pyrene, ug/l	<5.0
Naphthalene, ug/l	<5.0
Phenanthrene, ug/l	<10
Pyrene, ug/l	<10
2-Methylnaphthalene, ug/l	<10
1-Methylnaphthalene, ug/l	<10
Surrogate - 2-Fluorobiphenyl, ug/l	35.95
Surrogate - Expected Value, ug/l	50.00
Surrogate - % Recovery	70 %
Surrogate - Control Limit	22-142 %
Date Extracted	12.18.96
Date Analyzed	12.20.96
Method Number	EPA 8100
Dilution factor	1

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 153170120

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72912-11	Equipment Blank 5S	12-14-96/0945

PARAMETER	72912-11
Lead (7421)	
Lead, mg/l	<0.0050
Date Analyzed	12.27.96
Method Number	EPA 7421

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 153170120

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72912-12	Lab Blank
72912-13	Accuracy - % Recovery (Mean)
72912-14	Precision - Relative % Difference
72912-15	Detection Limit

PARAMETER	72912-12	72912-13	72912-14	72912-15
Polynuclear Aromatics (8100)				
Acenaphthene, ug/kg dw	<330	75 %	2.7 %	330
Acenaphthylene, ug/kg dw	<330	---	---	330
Benzo(a)Pyrene, ug/kg dw	<330	94 %	5.3 %	330
Benzo (g,h,i) Perylene, ug/kg dw	<330	---	---	330
Benzo(b,k)fluoranthene, ug/kg dw	<330	---	---	330
Chrysene, ug/kg dw	<330	---	---	330
Benzo(a)Anthracene, ug/kg dw	<330	---	---	330
Fluoranthene, ug/kg dw	<330	---	---	330
Fluorene, ug/kg dw	<330	78 %	1.3 %	330
Indeno (1,2,3-cd) Pyrene, ug/kg dw	<330	---	---	330
Dibenzo (a,h) Anthracene, ug/kg dw	<330	---	---	330
Naphthalene, ug/kg dw	<330	67 %	0 %	330
Phenanthrene, ug/kg dw	<330	---	---	330
Anthracene, ug/kg dw	<330	---	---	330
Pyrene, ug/kg dw	<330	88 %	0 %	330
2-Methylnaphthalene, ug/kg dw	<330	---	---	330
1-Methylnaphthalene, ug/kg dw	<330	---	---	330
Surrogate - 2-Fluorobiphenyl, ug/kg dw	2740	2750/2740	---	---
Surrogate - Expected Value, ug/kg dw	3330	3330	---	---
Surrogate - % Recovery, ug/kg dw	82 %	83/82 %	---	---
Surrogate - Control Limit, ug/kg dw	10-152%	10-152%	---	---
Date Extracted	12.23.96	12.23.96	---	---
Date Analyzed	01.02.97	01.03.97	---	---
Dilution factor	1.0	1.0	---	---

SL SAVANNAH LABORATORIES
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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 153170120

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72912-12	Lab Blank
72912-13	Accuracy - % Recovery (Mean)
72912-14	Precision - Relative % Difference
72912-15	Detection Limit

PARAMETER	72912-12	72912-13	72912-14	72912-15
Lead (7421)				
Lead, mg/kg dw	<0.50	106 %	1.9 %	0.50
Date Analyzed	01.02.97	---	---	---
Method Number	EPA 7421	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.
*F23 = Due to the abundance of target analyte, the reported result was quantified by ICP to minimize dilution error.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 4017

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (305) 421-7400 — Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (205) 666-6633 — Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Dump Area (PAOC 18)	480.75	

PROJECT LOC. (State)	SAMPLER(S) NAME	PHONE	FAX
MICHIGAN	ALAN FASS CAROL DENAHAN	(561) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
185 NW Spanish River Blvd.
Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421) | PAH (8100) | Pb (7420)

PAGE 1 OF 1

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	Pb (7421)	PAH (8100)	Pb (7420)	REMARKS
12/6/96	0850		SB-18-45 (0-6")		✓			1			
	0853		SB-18-45 (6"-2')		✓			1			
	0854		SB-18-45 (2'-4')		✓			1			
	0902		SB-18-45 (4'-6')		✓			1	1		
	0903		SB-18-45 (6'-8')		✓			1			
	0910		SB-18-45 (8'-10')		✓			1			
↓	0915		SB-18-45 (10'-11')		✓			1			
			Duplicate 1 M 2		✓			1			
↓			Duplicate 4 M 2		✓				1		
12/14/96	0943		Equipment Blank 4S	✓					1		
12/14/96	0945		Equipment Blank 5S	✓					1	1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/6		Alan Fass	12/16/96	1915			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Alan Fass	12/9/96	1000						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	12/17/96		☐ YES ☐ NO		D67292	

ORIGINAL

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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LOG NO: D6-72913A
Received: 17 DEC 96
Reported: 21 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 112470121

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72913A-1	SB-2-31 (2.2'-4.2')	12-16-96/1326

PARAMETER	72913A-1
Volatile Organic Compounds (8240)	
Chloromethane, ug/kg dw	<1000
Bromomethane, ug/kg dw	<1000
Vinyl chloride, ug/kg dw	<1000
Chloroethane, ug/kg dw	<1000
Methylene chloride, ug/kg dw	<500
Acetone, ug/kg dw	<2500
Carbon disulfide, ug/kg dw	<500
1,1-Dichloroethylene, ug/kg dw	<500
1,1-Dichloroethane, ug/kg dw	<500
cis-1,2-Dichloroethylene, ug/kg dw	24000*F42
trans-1,2-Dichloroethylene, ug/kg dw	<500
Chloroform, ug/kg dw	<500
1,2-Dichloroethane, ug/kg dw	<500
2-Butanone (MEK), ug/kg dw	<2500
1,1,1-Trichloroethane, ug/kg dw	<500
Carbon tetrachloride, ug/kg dw	<500
Vinyl acetate, ug/kg dw	<1000
Bromodichloromethane, ug/kg dw	<500
1,1,2,2-Tetrachloroethane, ug/kg dw	<500
1,2-Dichloropropane, ug/kg dw	<500
trans-1,3-Dichloropropene, ug/kg dw	<500
Trichloroethylene, ug/kg dw	17000
Dibromochloromethane, ug/kg dw	<500

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 112470121

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72913A-1	SB-2-31 (2.2'-4.2')	12-16-96/1326

PARAMETER	72913A-1
1,1,2-Trichloroethane, ug/kg dw	<500
Benzene, ug/kg dw	<500
cis-1,3-Dichloropropene, ug/kg dw	<500
2-Chloroethylvinyl Ether, ug/kg dw	<5000
Bromoform, ug/kg dw	<500
2-Hexanone, ug/kg dw	<2500
4-Methyl-2-pentanone (MIBK), ug/kg dw	<2500
Tetrachloroethylene, ug/kg dw	<500
Toluene, ug/kg dw	<500
Chlorobenzene, ug/kg dw	3300
Ethylbenzene, ug/kg dw	<500
Styrene, ug/kg dw	<500
Xylenes, ug/kg dw	<500
Date Analyzed	01.06.97
Method Number	EPA 8240
Dilution factor	100/1000

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185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 112470121

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72913A-2	Lab Blank
72913A-3	Accuracy - % Recovery (Mean)
72913A-4	Precision - Relative % Difference
72913A-5	Detection Limit

PARAMETER	72913A-2	72913A-3	72913A-4	72913A-5
Volatile Organic Compounds (8240)				
Chloromethane, ug/kg dw	<10	---	---	10
Bromomethane, ug/kg dw	<10	---	---	10
Vinyl chloride, ug/kg dw	<10	---	---	10
Chloroethane, ug/kg dw	<10	---	---	10
Methylene chloride, ug/kg dw	<5.0	---	---	5.0
Acetone, ug/kg dw	<25	---	---	25
Carbon disulfide, ug/kg dw	<5.0	---	---	5.0
1,1-Dichloroethylene, ug/kg dw	<5.0	96 %	3.1 %	5.0
1,1-Dichloroethane, ug/kg dw	<5.0	---	---	5.0
cis-1,2-Dichloroethylene, ug/kg dw	<5.0	---	---	5.0
trans-1,2-Dichloroethylene, ug/kg dw	<5.0	---	---	5.0
Chloroform, ug/kg dw	<5.0	---	---	5.0
1,2-Dichloroethane, ug/kg dw	<5.0	---	---	5.0
2-Butanone (MEK), ug/kg dw	<25	---	---	25
1,1,1-Trichloroethane, ug/kg dw	<5.0	---	---	5.0
Carbon tetrachloride, ug/kg dw	<5.0	---	---	5.0
Vinyl acetate, ug/kg dw	<10	---	---	10
Bromodichloromethane, ug/kg dw	<5.0	---	---	5.0
1,1,2,2-Tetrachloroethane, ug/kg dw	<5.0	---	---	5.0
1,2-Dichloropropane, ug/kg dw	<5.0	---	---	5.0

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LOG NO: D6-72913A
Received: 17 DEC 96
Reported: 21 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 112470121

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72913A-2	Lab Blank
72913A-3	Accuracy - % Recovery (Mean)
72913A-4	Precision - Relative % Difference
72913A-5	Detection Limit

PARAMETER	72913A-2	72913A-3	72913A-4	72913A-5
trans-1,3-Dichloropropene, ug/kg dw	<5.0	---	---	5.0
Trichloroethylene, ug/kg dw	<5.0	102 %	3.0 %	5.0
Dibromochloromethane, ug/kg dw	<5.0	---	---	5.0
1,1,2-Trichloroethane, ug/kg dw	<5.0	---	---	5.0
Benzene, ug/kg dw	<5.0	102 %	3.9 %	5.0
cis-1,3-Dichloropropene, ug/kg dw	<5.0	---	---	5.0
2-Chloroethylvinyl Ether, ug/kg dw	<50	---	---	50
Bromoform, ug/kg dw	<5.0	---	---	5.0
2-Hexanone, ug/kg dw	<25	---	---	25
4-Methyl-2-pentanone (MIBK), ug/kg dw	<25	---	---	25
Tetrachloroethylene, ug/kg dw	<5.0	---	---	5.0
Toluene, ug/kg dw	<5.0	98 %	9.2 %	5.0
Chlorobenzene, ug/kg dw	<5.0	102 %	0.98 %	5.0
Ethylbenzene, ug/kg dw	<5.0	---	---	5.0
Styrene, ug/kg dw	<5.0	---	---	5.0
Xylenes, ug/kg dw	<5.0	---	---	5.0
Date Analyzed	01.06.97	---	---	---
Method Number	EPA 8240	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.
*F42 = Target compounds were quantitated from a secondary dilution due to analyte abundance in the sample.

Paul Canevaro, Project Manager

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LOG NO: D6-72908A
Received: 17 DEC 96
Reported: 21 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 112970121

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72908A-1	SB-18-35 (8.2-10.2')	12-13-96/1003

PARAMETER	72908A-1				
Volatile Organic Compounds (8240)					
Chloromethane, ug/kg dw	<1000				
Bromomethane, ug/kg dw	<1000				
Vinyl chloride, ug/kg dw	<1000				
Chloroethane, ug/kg dw	<1000				
Methylene chloride, ug/kg dw	<500				
Acetone, ug/kg dw	<2500				
Carbon disulfide, ug/kg dw	<500				
1,1-Dichloroethylene, ug/kg dw	<500				
1,1-Dichloroethane, ug/kg dw	<500				
cis-1,2-Dichloroethylene, ug/kg dw	1200				
trans-1,2-Dichloroethylene, ug/kg dw	<500				
Chloroform, ug/kg dw	<500				
1,2-Dichloroethane, ug/kg dw	<500				
2-Butanone (MEK), ug/kg dw	<2500				
1,1,1-Trichloroethane, ug/kg dw	<500				
Carbon tetrachloride, ug/kg dw	<500				
Vinyl acetate, ug/kg dw	<1000				
Bromodichloromethane, ug/kg dw	<500				
1,1,2,2-Tetrachloroethane, ug/kg dw	<500				
1,2-Dichloropropane, ug/kg dw	<500				
trans-1,3-Dichloropropene, ug/kg dw	<500				
Trichloroethylene, ug/kg dw	53000*F42				
Dibromochloromethane, ug/kg dw	<500				

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Received: 17 DEC 96
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Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 112970121

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72908A-1	SB-18-35 (8.2-10.2')	12-13-96/1003

PARAMETER	72908A-1
1,1,2-Trichloroethane, ug/kg dw	<500
Benzene, ug/kg dw	<500
cis-1,3-Dichloropropene, ug/kg dw	<500
2-Chloroethylvinyl Ether, ug/kg dw	<5000
Bromoform, ug/kg dw	<500
2-Hexanone, ug/kg dw	<2500
4-Methyl-2-pentanone (MIBK), ug/kg dw	<2500
Tetrachloroethylene, ug/kg dw	<500
Toluene, ug/kg dw	1100
Chlorobenzene, ug/kg dw	<500
Ethylbenzene, ug/kg dw	3800
Styrene, ug/kg dw	<500
Xylenes, ug/kg dw	15000
Date Analyzed	01.06.97
Method Number	EPA 8240
Dilution factor	100/1000

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LOG NO: D6-72908A
Received: 17 DEC 96
Reported: 21 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 112970121

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72908A-2	Lab Blank
72908A-3	Accuracy - % Recovery (Mean)
72908A-4	Precision - Relative % Difference
72908A-5	Detection Limit

PARAMETER	72908A-2	72908A-3	72908A-4	72908A-5
Volatile Organic Compounds (8240)				
Chloromethane, ug/kg dw	<10	---	---	10
Bromomethane, ug/kg dw	<10	---	---	10
Vinyl chloride, ug/kg dw	<10	---	---	10
Chloroethane, ug/kg dw	<10	---	---	10
Methylene chloride, ug/kg dw	<5.0	---	---	5.0
Acetone, ug/kg dw	<25	---	---	25
Carbon disulfide, ug/kg dw	<5.0	---	---	5.0
1,1-Dichloroethylene, ug/kg dw	<5.0	96 %	3.1 %	5.0
1,1-Dichloroethane, ug/kg dw	<5.0	---	---	5.0
cis-1,2-Dichloroethylene, ug/kg dw	<5.0	---	---	5.0
trans-1,2-Dichloroethylene, ug/kg dw	<5.0	---	---	5.0
Chloroform, ug/kg dw	<5.0	---	---	5.0
1,2-Dichloroethane, ug/kg dw	<5.0	---	---	5.0
2-Butanone (MEK), ug/kg dw	<25	---	---	25
1,1,1-Trichloroethane, ug/kg dw	<5.0	---	---	5.0
Carbon tetrachloride, ug/kg dw	<5.0	---	---	5.0
Vinyl acetate, ug/kg dw	<10	---	---	10
Bromodichloromethane, ug/kg dw	<5.0	---	---	5.0
1,1,2,2-Tetrachloroethane, ug/kg dw	<5.0	---	---	5.0
1,2-Dichloropropane, ug/kg dw	<5.0	---	---	5.0

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LOG NO: D6-72908A
Received: 17 DEC 96
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Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 112970121

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72908A-2	Lab Blank
72908A-3	Accuracy - % Recovery (Mean)
72908A-4	Precision - Relative % Difference
72908A-5	Detection Limit

PARAMETER	72908A-2	72908A-3	72908A-4	72908A-5
trans-1,3-Dichloropropene, ug/kg dw	<5.0	---	---	5.0
Trichloroethylene, ug/kg dw	<5.0	102 %	3.0 %	5.0
Dibromochloromethane, ug/kg dw	<5.0	---	---	5.0
1,1,2-Trichloroethane, ug/kg dw	<5.0	---	---	5.0
Benzene, ug/kg dw	<5.0	102 %	3.9 %	5.0
cis-1,3-Dichloropropene, ug/kg dw	<5.0	---	---	5.0
2-Chloroethylvinyl Ether, ug/kg dw	<50	---	---	50
Bromoform, ug/kg dw	<5.0	---	---	5.0
2-Hexanone, ug/kg dw	<25	---	---	25
4-Methyl-2-pentanone (MIBK), ug/kg dw	<25	---	---	25
Tetrachloroethylene, ug/kg dw	<5.0	---	---	5.0
Toluene, ug/kg dw	<5.0	98 %	9.2 %	5.0
Chlorobenzene, ug/kg dw	<5.0	102 %	0.98 %	5.0
Ethylbenzene, ug/kg dw	<5.0	---	---	5.0
Styrene, ug/kg dw	<5.0	---	---	5.0
Xylenes, ug/kg dw	<5.0	---	---	5.0
Date Analyzed	01.06.97	---	---	---
Method Number	EPA 8240	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.
*F42 = Target compounds were quantitated from a secondary dilution due to analyte abundance in the sample.

Paul Canevaro, Project Manager

Final Page Of Report

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LOG NO: D6-72928
Received: 18 DEC 96
Reported: 14 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 105370129

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72928-1	SB-18-5 (2.2-4.2')	12-12-96/1045
72928-2	SB-18-7 (0-6")	12-12-96/1317
72928-3	SB-18-7 (4-6')	12-12-96/1344
72928-4	SB-18-7 (8-10')	12-12-96/1332
72928-5	SB-18-8 (2-8")	12-09-96/0930

PARAMETER	72928-1	72928-2	72928-3	72928-4	72928-5
Polynuclear Aromatics (8100)					
Acenaphthene, ug/kg dw	40000	<800	21000	7300	<3500
Acenaphthylene, ug/kg dw	<8800	<800	<15000	<2800	<3500
Benzo(a)pyrene, ug/kg dw	92000	<4000	42000	14000	<3500
Benzo(g,h,i)perylene, ug/kg dw	45000	1800	24000	7800	7700
Benzo(b,k)fluoranthene, ug/kg dw	150000	5900	76000	25000	7000
Chrysene + Benzo(a)anthracene, ug/kg dw	220000	7000	120000	33000	11000
Fluoranthene, ug/kg dw	280000	7100	110000	36000	<3500
Fluorene, ug/kg dw	34000	<800	19000	6900	<3500
Indeno(1,2,3-cd)pyrene, ug/kg dw	63000	2800	31000	11000	<3500
Dibenzo(a,h)anthracene, ug/kg dw	14000	<800	<7700	<7700	<3500
Naphthalene, ug/kg dw	27000	<800	18000	5800	<3500
Phenanthrene, ug/kg dw	280000	3800	98000	35000	10000
Anthracene, ug/kg dw	48000	<800	31000	11000	<3500
Pyrene, ug/kg dw	210000	5700	88000	28000	8500
1-Methylnaphthalene, ug/kg dw	<8800	<800	<15000	<3800	<3500
2-Methylnaphthalene, ug/kg dw	9000	<800	<15000	<3800	<3500
Surrogate - 2-Fluorobiphenyl	*F33	68	*F33	104	104
Surrogate - Expected Value	---	100	---	100	100
Surrogate - % Recovery	---	68 %	---	104 %	104 %
Surrogate - Control Limit	22-142 %	22-142 %	22-142 %	22-142 %	22-142 %
Date Extracted	12.23.96	12.23.96	12.23.96	12.23.96	12.23.96
Date Analyzed	0103/0109	0106/0109	01.06.97	0103/0106	01.06.96
Method Number	EPA 8100	EPA 8100	EPA 8100	EPA 8100	EPA 8100

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LOG NO: D6-72928
Received: 18 DEC 96
Reported: 14 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 162970128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72928-1	SB-18-5 (2.2-4.2')	12-12-96/1045
72928-2	SB-18-7 (0-6")	12-12-96/1317
72928-3	SB-18-7 (4-6')	12-12-96/1344
72928-4	SB-18-7 (8-10')	12-12-96/1332
72928-5	SB-18-8 (2-8")	12-09-96/0930

PARAMETER	72928-1	72928-2	72928-3	72928-4	72928-5
Percent Solids, %	75 %	83 %	86 %	86 %	95 %

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Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 162970128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72928-6	SB-18-11 (6-8')	12-12-96/1235
72928-7	SB-18-14 (2-4')	12-12-96/1155
72928-8	SB-18-16 (6"-2')	12-11-96/1420
72928-9	SB-18-18 (2-4')	12-12-96/1114
72928-10	SB-18-46 (2-2.5')	12-17-96/1130

PARAMETER	72928-6	72928-7	72928-8	72928-9	72928-10
Polynuclear Aromatics (8100)					
Acenaphthene, ug/kg dw	32000	2500	67000	<360	9000
Acenaphthylene, ug/kg dw	<8800	<1800	<8100	<360	<8700
Benzo(a)pyrene, ug/kg dw	80000	4300	130000	470	<8700
Benzo(g,h,i)perylene, ug/kg dw	36000	2800	75000	<360	<8700
Benzo(b,k)fluoranthene, ug/kg dw	140000	7500	290000	450	9200
Chrysene + Benzo(a)anthracene, ug/kg dw	200000	12000	450000	800	17000*F38
Fluoranthene, ug/kg dw	230000	13000	520000	800	18000
Fluorene, ug/kg dw	31000	2200	57000	<360	9300*F38
Indeno(1,2,3-cd)pyrene, ug/kg dw	61000	<7300	24000	<360	<8700
Dibenzo(a,h)anthracene, ug/kg dw	14000	<7300	29000	<360	<8700
Naphthalene, ug/kg dw	37000	2200	50000	<360	<8700
Phenanthrene, ug/kg dw	220000	11000	440000	640	29000
Anthracene, ug/kg dw	44000	3500	130000	<360	<8700
Pyrene, ug/kg dw	180000	9100	450000	610	12000
1-Methylnaphthalene, ug/kg dw	<8800	<1800	9000	<360	17000
2-Methylnaphthalene, ug/kg dw	9100	<1800	13000	<360	14000
Surrogate - 2-Fluorobiphenyl	*F33	3180	*F33	2560	*F33
Surrogate - Expected Value	---	3700	---	3620	---
Surrogate - % Recovery	---	86 %	---	71 %	---
Surrogate - Control Limit	22-142 %	22-142 %	22-142 %	22-142 %	22-142 %
Date Extracted	12.23.96	12.23.96	12.23.96	12.23.96	12.23.96
Date Analyzed	0103/0109	01.06.96	01.03.96	0101/0108	---
Method Number	EPA 8100	EPA 8100	EPA 8100	EPA 8100	EPA 8100

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LOG NO: D6-72928
Received: 18 DEC 96
Reported: 14 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 162970128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72928-6	SB-18-11 (6-8')	12-12-96/1235
72928-7	SB-18-14 (2-4')	12-12-96/1155
72928-8	SB-18-16 (6"-2')	12-11-96/1420
72928-9	SB-18-18 (2-4')	12-12-96/1114
72928-10	SB-18-46 (2-2.5')	12-17-96/1130

PARAMETER	72928-6	72928-7	72928-8	72928-9	72928-10
Percent Solids, %	75 %	90 %	81 %	92 %	76 %

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Reported: 14 JAN 97

Blasland Bouck & Lee, Inc.
6723 Towpath Road
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 162970128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72928-11	SB-18-22 (2-4')	12-17-96/1005
72928-12	SB-18-27 (2-4')	12-17-96/1220
72928-13	Duplicate 1T2	12-17-96

PARAMETER	72928-11	72928-12	72928-13
Polynuclear Aromatics (8100)			
Acenaphthene, ug/kg dw	<380	<7800	<370
Acenaphthylene, ug/kg dw	<380	9800*F38	<370
Benzo(a)pyrene, ug/kg dw	<380	<7800	<370
Benzo(g,h,i)perylene, ug/kg dw	<380	<7800	<370
Benzo(b,k)fluoranthene, ug/kg dw	590	<7800	530
Chrysene + Benzo(a)anthracene, ug/kg dw	630	<7800	740
Fluoranthene, ug/kg dw	670	<7800	630
Fluorene, ug/kg dw	<380	14000	<370
Indeno(1,2,3-cd)pyrene, ug/kg dw	430	<7800	<370
Dibenzo(a,h)anthracene, ug/kg dw	<380	<7800	<370
Naphthalene, ug/kg dw	<380	10000	<370
Phenanthrene, ug/kg dw	440	13000	<370
Anthracene, ug/kg dw	<380	<7800	<370
Pyrene, ug/kg dw	540	<7800	560
1-Methylnaphthalene, ug/kg dw	460	37000	440
2-Methylnaphthalene, ug/kg dw	430	29000	<370
Surrogate - 2-Fluorobiphenyl	83	*F33	79
Surrogate - Expected Value	100	---	100
Surrogate - % Recovery	83 %	---	79 %
Surrogate - Control Limit	22-142 %	22-142 %	22-142 %
Date Extracted	12.23.96	12.23.96	12.23.96
Date Analyzed	01.08.97	01.04.97	0106/0109
Method Number	EPA 8100	EPA 8100	EPA 8100

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 162970128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72928-11	SB-18-22 (2-4')	12-17-96/1005
72928-12	SB-18-27 (2-4')	12-17-96/1220
72928-13	Duplicate 1T2	12-17-96

PARAMETER	72928-11	72928-12	72928-13
Lead (7421)			
Lead, mg/kg dw	500	630*F23	530
Date Analyzed	01.03.97	01.07.97	01.03.97
Method Number	EPA 7421	EPA 6010	EPA 7421
Percent Solids, %	88	90	86

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72928
Received: 18 DEC 96
Reported: 14 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 162970128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72928-14	SB-18-22 (0-6")	12-17-96/0955
72928-15	SB-18-22 (6"-2')	12-17-96/1000
72928-16	SB-18-22 (4-6')	12-17-96/1015
72928-17	SB-18-27 (0-6")	12-17-96/1215
72928-18	SB-18-27 (6"-2')	12-17-96/1230

PARAMETER	72928-14	72928-15	72928-16	72928-17	72928-18
Lead (7421)					
Lead, mg/kg dw	340	800*F23	70	190	190
Date Analyzed	01.03.97	01.07.97	01.03.97	01.03.97	01.03.97
Method Number	EPA 7421	EPA 6010	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	88	90	89	88	91

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Sampled By: CD/AF
Code: 162970128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72928-19	SB-18-27 (4-6')	12-17-96/1238

PARAMETER	72928-19
Lead (7421)	
Lead, mg/kg dw	29
Date Analyzed	01.03.97
Method Number	EPA 7421
Percent Solids, %	81

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 162970128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72928-20	Equipment Blank 1 T2	12-17-96/1209

PARAMETER	72928-20
Polynuclear Aromatic Hydrocarbons (8100)	
Acenaphthene, ug/l	<10
Acenaphthylene, ug/l	<10
Anthracene, ug/l	<10
Benzo(a)anthracene, ug/l	<4.0
Benzo(a)pyrene, ug/l	<4.0
Benzo(b)fluoranthene, ug/l	<4.0
Benzo(g,h,i)perylene, ug/l	<10
Benzo(k)fluoranthene, ug/l	<5.0
Chrysene, ug/l	<5.0
Dibenzo(a,h)anthracene, ug/l	<5.0
Fluoranthene, ug/l	<10
Fluorene, ug/l	<10
Indeno(1,2,3-cd)pyrene, ug/l	<5.0
Naphthalene, ug/l	<5.0
Phenanthrene, ug/l	<10
Pyrene, ug/l	<10
2-Methylnaphthalene, ug/l	<10
1-Methylnaphthalene, ug/l	<10
Surrogate - 2-Fluorobiphenyl, ug/l	38.26
Surrogate - Expected Value, ug/l	50.00
Surrogate - % Recovery	76 %
Surrogate - Control Limit	22-142 %
Date Extracted	12.19.96
Date Analyzed	12.21.96
Method Number	EPA 8100
Dilution factor	1

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Sampled By: CD/AF
Code: 162970128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72928-20	Equipment Blank 1 T2	12-17-96/1209

PARAMETER	72928-20
Lead (7421)	
Lead, mg/l	<0.0050
Date Analyzed	12.27.96
Method Number	EPA 7421

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 110070129

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72928-21	Lab Blank
72928-22	Accuracy - % Recovery (Mean)
72928-23	Precision - Relative % Difference
72928-24	Detection Limit

PARAMETER	72928-21	72928-22	72928-23	72928-24
Polynuclear Aromatics (8100)				
Acenaphthene, ug/kg dw	<330	75 %	2.7 %	330
Acenaphthylene, ug/kg dw	<330	---	---	330
Benzo(a)pyrene, ug/kg dw	<330	94 %	5.3 %	330
Benzo(g,h,i)perylene, ug/kg dw	<330	---	---	330
Benzo(b,k)fluoranthene, ug/kg dw	<330	---	---	330
Chrysene + Benzo(a)anthracene, ug/kg dw	<330	---	---	330
Fluoranthene, ug/kg dw	<330	---	---	330
Fluorene, ug/kg dw	<330	78 %	1.3 %	330
Indeno(1,2,3-cd)pyrene, ug/kg dw	<330	---	---	330
Dibenzo(a,h)anthracene, ug/kg dw	<330	---	---	330
Naphthalene, ug/kg dw	<330	67 %	0 %	330
Phenanthrene, ug/kg dw	<330	---	---	330
Anthracene, ug/kg dw	<330	---	---	330
Pyrene, ug/kg dw	<330	88 %	0 %	330
1-Methylnaphthalene, ug/kg dw	<330	---	---	330
2-Methylnaphthalene, ug/kg dw	<330	---	---	330
Surrogate - 2-Fluorobiphenyl	82	---	---	---
Surrogate - Expected Value	100	---	---	---
Surrogate - % Recovery	82 %	---	---	---
Surrogate - Control Limit	22-142 %	---	---	---
Date Extracted	12.23.96	---	---	---
Date Analyzed	01.02.97	---	---	---
Method Number	EPA 8100	---	---	---

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: CD/AF
Code: 110070129

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72928-21	Lab Blank
72928-22	Accuracy - % Recovery (Mean)
72928-23	Precision - Relative % Difference
72928-24	Detection Limit

PARAMETER	72928-21	72928-22	72928-23	72928-24
Lead (7421)				
Lead, mg/kg dw	<0.50	116 %	0 %	0.50
Date Analyzed	01.03.97	---	---	---
Method Number	EPA 7421	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.
*F23 = Due to the abundance of target analyte, the reported result was quantified by ICP to minimize dilution error.
*F33 = Control limits are established only for surrogate concentration levels specified by EPA methods. Because the sample was diluted prior to analysis, surrogate recoveries are not reported.
*F38 = Results from GC methodology are based solely on retention time. Due to the complexity of sample matrix, GC/MS confirmation of target analytes is recommended for positive confirmation.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 6F[illegible]26

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

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☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
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☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser - Frazer Dump Area (PAOC 18)	480.75	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE / FAX
MICHIGAN	Carol Denahan, Alan Fass	(561) 750-3733

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
185 NW Spanish River Blvd.
Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc.)

REQUIRED ANALYSES: PAH (8100)

PAGE 1 OF 2

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/12/96	1045		SB-18-5 (2.2'-4.2')	✓				1	
12/12/96	1317		SB-18-7 (0-6")	✓				1	
12/12/96	1344		SB-18-7 (4'-6')	✓				1	
12/12/96	1332		SB-18-7 (8'-10')	✓				1	
12/9/96	0930		SB-18-8 (2"-8")	✓				1	
12/12/96	1235		SB-18-11 (6'-8')	✓				1	
12/12/96	1155		SB-18-14 (2'-4')	✓				1	
12/11/96	1430		SB-18-16 (6"-2')	✓				1	
12/12/96	1114		SB-18-18 (2'-4')	✓				1	
			~~SB-18-22~~ adf						

ORIGINAL

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/16/96		Alan Fass	12/17/96	1930			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/17/96	1000						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	12/18/96		☐ YES ☐ NO		D672928	

Serial Number 27

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser – Frazer Dump Area (PAOC 18)	480.75	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MICHIGAN	Alan Fass	(561) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
185 Spanish River Blvd.
Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421) / PAH (8100) / 8260 / Pb (7420)

PAGE 1 OF 1

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED: Pb (7421)	PAH (8100)	8260	Pb (7420)	REMARKS
12/17/96	0955		SB-18-22 (0-6")		✓			1				* HOLD FOR PM APPROVAL
	1000		SB-18-22 (6"-2')		✓			1				
	1005		SB-18-22 (2'-4')		✓			1	1			SB 18-46 (2'-2.5')
	1015		SB-18-22 (4'-6')		✓			1				8260
	1215		SB-18-27 (0-6")		✓			1				
	1230		SB-18-27 (6"-2')		✓			1				
	1220		SB-18-27 (2'-4')		✓			1	1			
	1230		SB-18-27 (4'-6')		✓			1				
	1130		SB-18-46 (2'-2.5')		✓			X (2)	1	1*		PAINT WASTE? (HOT)
↓	/		Duplicate 1T2		✓			1	1			
12/17/96	1209		Equipment Blank 1T2	✓					1		1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	12/17/96		Alan Fass	12/17/96	1930			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Alan Fass	12/19/96	1000						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
	12/18/96		☐ YES ☐ NO		D62258	

ORIGINAL

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LOG NO: D6-72931
Received: 18 DEC 96
Reported: 21 JAN 97

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185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: AF/CD
Code: 162470128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72931-1	SB-18-24 (2-8")	12-18-96/1107
72931-2	SB-18-24 (2.2-4.2')	12-18-96/1112
72931-3	SB-18-24 (4.2-6.2')	12-18-96/1114
72931-4	SB-18-24 (6.2-8.2')	12-18-96/1115
72931-5	SB-18-24 (8.2-10.2')	12-18-96/1118

PARAMETER	72931-1	72931-2	72931-3	72931-4	72931-5
Lead (7421)					
Lead, mg/kg dw	33	710	5.6	5.6	10
Date Analyzed	01.03.97	01.03.97	01.03.97	01.03.97	01.03.97
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	94	94	93	91	82

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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72931-6	SB-18-24 (10.2-11.5')	12-18-96/1120
72931-7	SB-18-25 (0-6")	12-18-96/1305
72931-8	SB-18-25 (4-6')	12-18-96/1316
72931-9	SB-18-25 (6-8')	12-18-96/1319
72931-10	SB-18-25 (8-10.5')	12-18-96/1322

PARAMETER	72931-6	72931-7	72931-8	72931-9	72931-10
Lead (7421)					
Lead, mg/kg dw	7.1	26000*F23	17	5.4	4.6
Date Analyzed	01.03.97	01.07.97	01.07.97	01.08.97	01.08.97
Method Number	EPA 7421	EPA 6010	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	92	87	95	95	90

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Code: 162470128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72931-11	SB-18-29 (2-8")	12-18-96/1154
72931-12	SB-18-29 (8"-2.2')	12-18-96/1156
72931-13	SB-18-29 (2.2-4.2')	12-18-96/1157
72931-14	SB-18-29 (4.2-6.2')	12-18-96/1155
72931-15	SB-18-29 (6.2-8.2')	12-18-96/1150

PARAMETER	72931-11	72931-12	72931-13	72931-14	72931-15
Lead (7421)					
Lead, mg/kg dw	7.9	200	13	7.9	24
Date Analyzed	01.07.97	01.07.97	01.07.97	01.08.97	01.07.97
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	94	91	90	92	90

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Sampled By: AF/CD
Code: 162470128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72931-16	SB-18-49 (2-8")	12-18-96/0947
72931-17	SB-18-49 (8"-2.2')	12-18-96/0952
72931-18	SB-18-49 (4.2-6.2')	12-18-96/0957
72931-19	SB-18-49 (6.2-8.2')	12-18-96/0958
72931-20	SB-18-49 (8.2-10.2')	12-18-96/1001

PARAMETER	72931-16	72931-17	72931-18	72931-19	72931-20
Lead (7421)					
Lead, mg/kg dw	27	94	3.8	7.6	2.6
Date Analyzed	01.07.97	01.07.97	01.08.97	01.08.97	01.13.97
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 7421
Percent Solids, %	94	90	89	85	94

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Code: 162470128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72931-21	SB-18-49 (10.2-11.5')	12-18-96/1003
72931-22	SB-18-50 (2-8")	12-18-96/0902
72931-23	SB-18-50 (8"-2.2')	12-18-96/0905
72931-24	SB-18-50 (4.2-6.2')	12-18-96/0920
72931-25	SB-18-50 (6.2-8.2')	12-18-96/0920

PARAMETER	72931-21	72931-22	72931-23	72931-24	72931-25
Lead (7421)					
Lead, mg/kg dw	2.7	65	52	12000*F23	6600*F23
Date Analyzed	01.09.97	01.09.97	01.09.97	01.07.97	01.07.97
Method Number	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Percent Solids, %	85	94	90	92	88

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Sampled By: AF/CD
Code: 162470128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72931-26	SB-18-50 (8.2-10.2')	12-18-96/0920
72931-27	SB-18-50 (10.2-11.5')	12-18-96/0922
72931-28	Duplicate 1W2	12-18-96
72931-29	Duplicate 4W2	12-18-96
72931-30	Duplicate 5W2	12-18-96

PARAMETER	72931-26	72931-27	72931-28	72931-29	72931-30
Lead (7421)					
Lead, mg/kg dw	10000*F23	120	6.7	100	9900*F23
Date Analyzed	01.07.97	01.09.97	01.09.97	01.09.97	01.07.97
Method Number	EPA 6010	EPA 6010	EPA 6010	EPA 7421	EPA 6010
Percent Solids, %	82	84	93	88	92

SL *SAVANNAH LABORATORIES*
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414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72931
Received: 18 DEC 96
Reported: 21 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: AF/CD
Code: 162470128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72931-31	Equipment Blank 2W2	12-18-96/1052

PARAMETER	72931-31
Lead (7421)	
Lead, mg/l	<0.0050
Date Analyzed	01.07.97
Method Number	EPA 7421

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Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: AF/CD
Code: 162470128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION	SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72931-32	SB-18-24 (8"-2.2')		12-18-96/1110
72931-33	SB-18-25 (2-4')		12-18-96/1313
72931-34	SB-18-29 (8.2-11')		12-18-96/1213
72931-35	SB-18-49 (2.2-4.2')		12-18-96/0953
72931-36	SB-18-50 (2.2-4.2')		12-18-96/0907

PARAMETER	72931-32	72931-33	72931-34	72931-35	72931-36
Polynuclear Aromatic Hydrocarbons (8100)					
Acenaphthene, ug/kg dw	930	<330	<330	<330	<330
Acenaphthylene, ug/kg dw	<330	<330	<3300*F34	<330	<330
Anthracene, ug/kg dw	3000*F35	<330	<330	<330	<330
Benzo(a)anthracene, ug/kg dw	7800*F35	<330	<3300*F34	480	610
Benzo(a)pyrene, ug/kg dw	6600*F35	<330	<3300*F34	610	<330
Benzo(b)fluoranthene, ug/kg dw	6400*F35	<330	<3300*F34	950	1600
Benzo(g,h,i)perylene, ug/kg dw	3800*F35	<330	<3300*F34	<330	<330
Benzo(k)fluoranthene, ug/kg dw	7400*F35	<330	<3300*F34	<330	<330
Chrysene, ug/kg dw	9100*F35	<330	3900*F35	550	550
Dibenzo(a,h)anthracene, ug/kg dw	750	<330	<3300*F34	<330	<330
Fluoranthene, ug/kg dw	15000*F35	<330	<3300*F34	780	1000
Fluorene, ug/kg dw	1100	<330	<330	<330	<330
Indeno(1,2,3-cd)pyrene, ug/kg dw	4900*F35	<330	<3300*F34	<330	1900
Naphthalene, ug/kg dw	<330	<330	<3300*F34	<330	<330
Phenanthrene, ug/kg dw	9100*F35	<330	<330	<330	480
Pyrene, ug/kg dw	14000*F35	<330	<3300*F34	800	910
2-Methylnaphthalene, ug/kg dw	<330	<330	1900	<330	<330

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Received: 18 DEC 96
Reported: 21 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: AF/CD
Code: 162470128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72931-32	SB-18-24 (8"-2.2')	12-18-96/1110
72931-33	SB-18-25 (2-4')	12-18-96/1313
72931-34	SB-18-29 (8.2-11')	12-18-96/1213
72931-35	SB-18-49 (2.2-4.2')	12-18-96/0953
72931-36	SB-18-50 (2.2-4.2')	12-18-96/0907

PARAMETER	72931-32	72931-33	72931-34	72931-35	72931-36
1-Methylnaphthalene, ug/kg dw	<330	<330	<3300*F34	<330	<330
Surrogate - 2-Fluorobiphenyl, ug/kg dw	27.96	28.58	52.24	28.66	30.31
Surrogate - Expected Value, ug/kg dw	50.00	50.00	50.00	50.00	50.00
Surrogate - % Recovery	56 %	57 %	104 %	57 %	61 %
Surrogate - Control Limit	10-152 %	10-152 %	10-152 %	10-152 %	10-152 %
Date Extracted	12.26.96	12.26.96	12.26.96	12.26.96	12.26.96
Date Analyzed	12.30.96	12.26.96	12.30.96	12.27.96	12.27.96
Method Number	EPA 8100	EPA 8100	EPA 8100	EPA 8100	EPA 8100
Dilution factor	1/10	1	1/10	1	1
Lead (7421)					
Lead, mg/kg dw	190	27	62	130	11000*F23
Date Analyzed	01.03.97	01.07.97	01.07.97	01.07.97	01.07.97
Method Number	EPA 7421	EPA 7421	EPA 7421	EPA 7421	EPA 6010
Percent Solids, %	90	93	91	88	86

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LOG NO: D6-72931
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Reported: 21 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: AF/CD
Code: 162470128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72931-37	Equipment Blank 1W2	12-18-96/0914

PARAMETER	72931-37				
Polynuclear Aromatic Hydrocarbons (8100)					
Acenaphthene, ug/l	<10				
Acenaphthylene, ug/l	<10				
Anthracene, ug/l	<10				
Benzo(a)anthracene, ug/l	<4.0				
Benzo(a)pyrene, ug/l	<4.0				
Benzo(b)fluoranthene, ug/l	<4.0				
Benzo(g,h,i)perylene, ug/l	<10				
Benzo(k)fluoranthene, ug/l	<5.0				
Chrysene, ug/l	<5.0				
Dibenzo(a,h)anthracene, ug/l	<5.0				
Fluoranthene, ug/l	<10				
Fluorene, ug/l	<10				
Indeno(1,2,3-cd)pyrene, ug/l	<5.0				
Naphthalene, ug/l	<5.0				
Phenanthrene, ug/l	<10				
Pyrene, ug/l	<10				
2-Methylnaphthalene, ug/l	<10				
1-Methylnaphthalene, ug/l	<10				
Surrogate - 2-Fluorobiphenyl, ug/l	42.15				
Surrogate - Expected Value, ug/l	50.00				
Surrogate - % Recovery	84 %				
Surrogate - Control Limit	22-142 %				
Date Extracted	12.20.96				
Date Analyzed	12.23.96				
Method Number	EPA 8100				
Dilution factor	1				

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: AF/CD
Code: 162470128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72931-37	Equipment Blank 1W2	12-18-96/0914

PARAMETER	72931-37
Lead (7421)	
Lead, mg/l	<0.0050
Date Analyzed	01.07.97
Method Number	EPA 7421

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Sampled By: AF/CD
Code: 162470128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
72931-38	SB-18-25 (6"-2')	12-18-96/1309

PARAMETER	72931-38
Lead (7421)	
Lead, mg/kg dw	1600*F23
Date Analyzed	01.07.97
Method Number	EPA 6010
Percent Solids, %	88

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Sampled By: AF/CD
Code: 162470128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
72931-39	Duplicate 2W2	12-18-96
72931-40	SB-18-4 (0-6")	12-18-96/1346
72931-41	SB-18-17 (2-4')	12-18-96/1320
72931-42	SB-18-26 (2-4')	12-18-96/1340

PARAMETER	72931-39	72931-40	72931-41	72931-42
Polynuclear Aromatic Hydrocarbons (8100)				
Acenaphthene, ug/kg dw	<330	<330	<330	<330
Acenaphthylene, ug/kg dw	<2700*F34	<330	<330	<330
Anthracene, ug/kg dw	<2700*F34	<330	<330	<330
Benzo(a)anthracene, ug/kg dw	<2700*F34	720	<330	<330
Benzo(a)pyrene, ug/kg dw	<2700*F34	520	<330	<330
Benzo(b)fluoranthene, ug/kg dw	<2700*F34	640	<330	<330
Benzo(g,h,i)perylene, ug/kg dw	<2700*F34	510	<330	<330
Benzo(k)fluoranthene, ug/kg dw	<2700*F34	820	<330	<330
Chrysene, ug/kg dw	<2700*F34	840	<330	<330
Dibenzo(a,h)anthracene, ug/kg dw	<2700*F34	<330	<330	<330
Fluoranthene, ug/kg dw	4400	1700	<330	<330
Fluorene, ug/kg dw	<2700*F34	<330	<330	<330
Indeno(1,2,3-cd)pyrene, ug/kg dw	<2700*F34	520	<330	<330
Naphthalene, ug/kg dw	<2700*F34	<330	<330	<330
Phenanthrene, ug/kg dw	<2700*F34	770	<330	<330
Pyrene, ug/kg dw	3300	1300	<330	<330
2-Methylnaphthalene, ug/kg dw	<2700*F34	<330	<330	<330
1-Methylnaphthalene, ug/kg dw	330*F34	<330	<330	<330
Surrogate - 2-Fluorobiphenyl, ug/kg dw	54.86	29.32	23.58	24.84
Surrogate - Expected Value, ug/kg dw	50.00	50.00	50.00	50.00

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Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: AF/CD
Code: 162470128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
72931-39	Duplicate 2W2	12-18-96
72931-40	SB-18-4 (0-6")	12-18-96/1346
72931-41	SB-18-17 (2-4')	12-18-96/1320
72931-42	SB-18-26 (2-4')	12-18-96/1340

PARAMETER	72931-39	72931-40	72931-41	72931-42
Surrogate - % Recovery	110 %	59 %	47 %	50 %
Surrogate - Control Limit	10-152 %	10-152 %	10-152 %	10-152 %
Date Extracted	12.26.96	12.26.96	12.26.96	12.26.96
Date Analyzed	12.20.96	12.26.96	12.26.96	12.26.96
Method Number	EPA 8100	EPA 8100	EPA 8100	EPA 8100
Dilution factor	1/10	1	1	1
Percent Solids, %	91	86	83	91

Typo ?

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: AF/CD
Code: 162470128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72931-43	Lab Blank
72931-44	Accuracy - % Recovery (Mean)
72931-45	Precision - Relative % Difference
72931-46	Detection Limit

PARAMETER	72931-43	72931-44	72931-45	72931-46
Polynuclear Aromatic Hydrocarbons (8100)				
Acenaphthene, ug/kg dw	<330	83 %*F75	2.4 %	330
Acenaphthylene, ug/kg dw	<330	---	---	330
Anthracene, ug/kg dw	<330	---	---	330
Benzo(a)anthracene, ug/kg dw	<330	---	---	330
Benzo(a)pyrene, ug/kg dw	<330	116 %*F75	5.2 %	330
Benzo(b)fluoranthene, ug/kg dw	<330	---	---	330
Benzo(g,h,i)perylene, ug/kg dw	<330	---	---	330
Benzo(k)fluoranthene, ug/kg dw	<330	---	---	330
Chrysene, ug/kg dw	<330	---	---	330
Dibenzo(a,h)anthracene, ug/kg dw	<330	---	---	330
Fluoranthene, ug/kg dw	<330	---	---	330
Fluorene, ug/kg dw	<330	90 %*F75	3.4 %	330
Indeno(1,2,3-cd)pyrene, ug/kg dw	<330	---	---	330
Naphthalene, ug/kg dw	<330	54 %	1.8 %	330
Phenanthrene, ug/kg dw	<330	---	---	330
Pyrene, ug/kg dw	<330	106 %	4.7 %	330
2-Methylnaphthalene, ug/kg dw	<330	---	---	330
1-Methylnaphthalene, ug/kg dw	<330	---	---	330
Surrogate - 2-Fluorobiphenyl, ug/kg dw	44.65	---	---	---
Surrogate - Expected Value, ug/kg dw	50.00	---	---	---
Surrogate - % Recovery	89 %	---	---	---
Surrogate - Control Limit	10-152 %	---	---	---
Date Extracted	12.26.96	---	---	---
Date Analyzed	12.26.96	---	---	---
Method Number	EPA 8100	---	---	---

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: AF/CD
Code: 162470128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72931-43	Lab Blank
72931-44	Accuracy - % Recovery (Mean)
72931-45	Precision - Relative % Difference
72931-46	Detection Limit

PARAMETER	72931-43	72931-44	72931-45	72931-46
Lead (7421)				
Lead, mg/kg dw	<0.50	116 %	0 %	0.50
Date Analyzed	01.03.97	---	---	---
Method Number	EPA 7421	---	---	---

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Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: AF/CD
Code: 162470128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
72931-47	Lab Blank
72931-48	Accuracy - % Recovery (Mean)
72931-49	Precision - Relative % Difference
72931-50	Detection Limit

PARAMETER	72931-47	72931-48	72931-49	72931-50
Lead (7421)				
Lead, mg/kg dw	<0.50	97 %*F81	2.1 %	0.50
Date Analyzed	01.07.97	---	---	---
Method Number	EPA 7421	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.
*F23 = Due to the abundance of target analyte, the reported result was quantified by ICP to minimize dilution error.
*F34 = Due to the abundance of organics in the sample, dilution was required.
*F35 = Due to the analyte abundance, target compound concentrations are reported from multiple runs to achieve requested detection limits.
*F75 = Matrix spike recoveries were outside advisory limits possibly due to matrix interference present in the sample; therefore, recovery of the laboratory control standard analyzed concurrently with the sample batch has been reported.
*F81 = Matrix spike recoveries were outside advisory limits due to abundance of target analytes present in the sample; therefore, laboratory control standards analyzed concurrently with the sample batch have been reported.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 6[illegible]24

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

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☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Dump Area (PAOC 18)	480.75	

PROJECT LOC. (State)	SAMPLER(S) NAME	PHONE	FAX
MICHIGAN	Alan Fass, Carol Denahan	(561) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
185 NW Spanish River Blvd.
Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421), PAH (8100)

PAGE 1 OF 4

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED: Pb (7421)	PAH (8100)	REMARKS
12/18/96	1107		SB-18-24 (2'-8")	✓				1		
	1110		SB-18-24 (8"-2.2')	✓				1	1	
	1112		SB-18-24 (2.2'-4.2')	✓				1		
	1114		SB-18-24 (4.2'-6.2')	✓				1		
	1115		SB-18-24 (6.2'-8.2')	✓				1		
	1118		SB-18-24 (8.2'-10.2')	✓				1		
	1120		SB-18-24 (10.2'-11.5')	✓				1		
	1305		SB-18-25 (0-6")	✓				1		
	1309		SB-18-25 (6"-2')	✓				1		
	1313		SB-18-25 (2'-4')	✓				1	1	
	1316		SB-18-25 (4'-6')	✓				1		
	1319		SB-18-25 (6'-8')	✓				1		
↓	1322		SB-18-25 (8'-10.5')	✓				1		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/18/96		Alan Fass	12/18/96	1930			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Alan Fass	12/19/96	1000						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	12/19/96		☐ YES ☐ NO		D672931	

ORIGINAL

Serial Number 6[illegible]20

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Drum Area (PAOC 18)	480.175	

PROJECT LOC. (State)	SAMPLER(S) NAME	PHONE	FAX
MICHIGAN	ALAN FASS CAROL DENAHAN	(561) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
185 NW Spanish River Blvd.
Boca Raton, FL. 33431

PAGE 2 OF 4

STANDARD REPORT DELIVERY ☒
EXPEDITED REPORT DELIVERY (surcharge) ☐
Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED: Pb (7421)	PAH (8100) 8260	REMARKS
12/18/96	1154		SB-18-29 (2"-8")		✓			1		
	1156		SB-18-29 (8"-2.2')		✓			1		
	1157		SB-18-29 (2.2'-4.2')		✓			1		
	1155		SB-18-29 (4.2'-6.2')		✓			1		
	1150		SB-18-29 (6.2'-8.2')		✓			1	1*	*Hold 8260 sample for P.M. approval
	1213		SB-18-29 (8.2'-11')		✓			1	1	
	0947		SB-18-49 (2"-8")		✓			1		
	0952		SB-18-49 (8"-2.2')		✓			1		
	0953		SB-18-49 (2.2'-4.2')		✓			1	1	
	0957		SB-18-49 (4.2'-6.2')		✓			1		
	0958		SB-18-49 (6.2'-8.2')		✓			1		
	1001		SB-18-49 (8.2'-10.2')		✓			1		
↓	1003		SB-18-49 (10.2'-11.5')		✓			1		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Casey Hunt	12/16/96		Alan Fass	12/18/96	1930			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/17/96	1000						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Kimberly A. Mosher	12/18/96		☐ YES ☐ NO		D[illegible]324	

ORIGINAL

Serial Number 6[illegible]19

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 14 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Drum Area (PAOC 18)	480.75	

PROJECT LOC. (State)	SAMPLER(S) NAME	PHONE	FAX
MICHIGAN	Alan Fass Carol Denahan	(561) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland, Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
185 NW Spanish River Blvd.
Boca Raton, FL. 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: Pb (7421); PAH (8100); 8260

PAGE 3 OF 4

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12/18/96	0902		SB-18-50 (2"-8")	✓			1		
	0905		SB-18-50 (8"-2.2')	✓			1		
	0907		SB-18-50 (2.2'-4.2')	✓			1	1	
	0920		SB-18-50 (4.2'-6.2')	✓			1		
	0920		SB-18-50 (6.2'-8.2')	✓			1		
	0920		SB-18-50 (8.2'-10.2')	✓			1		
	0922		SB-18-50 (10.2'-11.5') dgf	✓			1		
			Duplicate 1 W2	✓			1		
			Duplicate 2 W2	✓				1	
			Duplicate 3 W2	✓				1*	* Hold 8260 Sample for P.M. Approval
			Duplicate 4 W2	✓			1		
↓			Duplicate 5 W2	✓			1		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Carol Denahan	12/18/96		Alan Fass	12/18/96	1930			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/19/96	1000						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Kimberly Dawkins	12/19/96		☐ YES ☐ NO		D72931	

ORIGINAL

Serial Number 6[illegible]23

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
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☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Willow Run Plant

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser-Frazer Drum Area (PAOC 18)	480.75	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE
MICHIGAN	ALAN FASS CAROL DENAHAN	(561) 750-3733
		FAX

CLIENT NAME	CLIENT PROJECT MANAGER
Blasland Bouck & Lee, Inc.	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP)
185 N.W. Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc.)

REQUIRED ANALYSES: PAH (8100) | Pb (7421)

PAGE 4 OF 4

☒ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc.)	NUMBER OF CONTAINERS SUBMITTED: PAH (8100)	Pb (7421)	REMARKS
12/18/96	1346		SB-18-4 (0-6")	✓				1		
12/18/96	1320		SB-18-17 (2'-4')	✓				1		
12/18/96	1340		SB-18-26 (2'-4')	✓				1		
12/18/96	0914		Equipment Blank 1 W2	✓				1	1	
12/18/96	1052		Equipment Blank 2 W2	✓					1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/18/96		Alan Fass	12/18/96	1930			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Alan Fass	12/18/96	1000						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	12/18/96		☐ YES ☐ NO		D62931	

ORIGINAL

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72949
Received: 20 DEC 96
Reported: 14 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: MM/CD
Code: 204170119

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72949-1	MW-18-45	12-19-96/1035
72949-2	MW-18-46	12-19-96/1050
72949-3	EQ Blk	12-19-96

PARAMETER	72949-1	72949-2	72949-3
Polynuclear Aromatic Hydrocarbons (8100)			
Acenaphthene, ug/l	<10	<10	<10
Acenaphthylene, ug/l	<10	<10	<10
Anthracene, ug/l	<10	<10	<10
Benzo(a)anthracene, ug/l	<4.0	4.3	<4.0
Benzo(a)pyrene, ug/l	<4.0	<4.0	<4.0
Benzo(b)fluoranthene, ug/l	<4.0	6.2	<4.0
Benzo(g,h,i)perylene, ug/l	<10	<10	<10
Benzo(k)fluoranthene, ug/l	<5.0	<5.0	<5.0
Chrysene, ug/l	<5.0	<5.0	<5.0
Dibenzo(a,h)anthracene, ug/l	<5.0	<5.0	<5.0
Fluoranthene, ug/l	<10	14	<10
Fluorene, ug/l	<10	<10	<10
Indeno(1,2,3-cd)pyrene, ug/l	<5.0	<5.0	<5.0
Naphthalene, ug/l	<5.0	<5.0	<5.0
Phenanthrene, ug/l	<10	15	<10
Pyrene, ug/l	<10	12	<10
2-Methylnaphthalene, ug/l	<10	<10	<10
1-Methylnaphthalene, ug/l	<10	<10	<10
Surrogate - 2-Fluorobiphenyl, ug/l	34.31	34.03	37.66
Surrogate - Expected Value, ug/l	50.00	50.00	50.00
Surrogate - % Recovery	69 %	68 %	75 %
Surrogate - Control Limit	22-142 %	22-142 %	22-142 %
Date Extracted	12.20.96	12.20.96	12.20.96
Date Analyzed	12.23.96	12.24.96	12.24.96
Method Number	EPA 8100	EPA 8100	EPA 8100
Dilution factor	1	1	1

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72949
Received: 20 DEC 96
Reported: 14 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: MM/CD
Code: 204170119

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72949-4	MW-18-45	12-19-96/1402
72949-5	MW-18-46	12-19-96/1430

PARAMETER	72949-4	72949-5
Lead (7421)		
Lead, mg/l	0.024	0.80
Date Analyzed	12.27.96	12.27.96
Method Number	EPA 7421	EPA 7421
Lead (Dissolved)		
Lead (Dissolved), mg/l	<0.0050	<0.0050
Date Analyzed	12.27.96	12.27.96
Method Number	EPA 7421	EPA 7421

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& ENVIRONMENTAL SERVICES. INC.

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LOG NO: D6-72949
Received: 20 DEC 96
Reported: 14 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: MM/CD
Code: 204170119

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
72949-6	Duplicate	12-19-96

PARAMETER	72949-6
Polynuclear Aromatic Hydrocarbons (8100)	
Acenaphthene, ug/l	<10
Acenaphthylene, ug/l	<10
Anthracene, ug/l	<10
Benzo(a)anthracene, ug/l	10
Benzo(a)pyrene, ug/l	4.8
Benzo(b)fluoranthene, ug/l	9.3
Benzo(g,h,i)perylene, ug/l	<10
Benzo(k)fluoranthene, ug/l	<5.0
Chrysene, ug/l	9.4
Dibenzo(a,h)anthracene, ug/l	<5.0
Fluoranthene, ug/l	27
Fluorene, ug/l	<10
Indeno(1,2,3-cd)pyrene, ug/l	<5.0
Naphthalene, ug/l	6.8
Phenanthrene, ug/l	30
Pyrene, ug/l	23
2-Methylnaphthalene, ug/l	<10
1-Methylnaphthalene, ug/l	<10
Surrogate - 2-Fluorobiphenyl, ug/l	34.83
Surrogate - Expected Value, ug/l	50.00
Surrogate - % Recovery	70 %
Surrogate - Control Limit	22-142 %
Date Extracted	12.20.96
Date Analyzed	12.24.96
Method Number	EPA 8100
Dilution factor	1

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES. INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72949
Received: 20 DEC 96
Reported: 14 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: MM/CD
Code: 204170119

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
72949-6	Duplicate	12-19-96

PARAMETER	72949-6
Lead (7421)	
Lead, mg/l	1.2
Date Analyzed	12.27.96
Method Number	EPA 7421
Lead (Dissolved)	
Lead (Dissolved), mg/l	<0.0050
Date Analyzed	12.27.96
Method Number	EPA 7421

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES. INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72949
Received: 20 DEC 96
Reported: 14 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: MM/CD
Code: 204170119

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
72949-7	Lab Blank
72949-8	Accuracy - % Recovery (Mean)
72949-9	Precision - Relative % Difference
72949-10	Detection Limit

PARAMETER	72949-7	72949-8	72949-9	72949-10
Polynuclear Aromatic Hydrocarbons (8100)				
Acenaphthene, ug/l	<10	78 %*F82	14 %	10
Acenaphthylene, ug/l	<10	---	---	10
Anthracene, ug/l	<10	---	---	10
Benzo(a)anthracene, ug/l	<4.0	---	---	4.0
Benzo(a)pyrene, ug/l	<4.0	50 %*F82	5.9 %	4.0
Benzo(b)fluoranthene, ug/l	<4.0	---	---	4.0
Benzo(g,h,i)perylene, ug/l	<10	---	---	10
Benzo(k)fluoranthene, ug/l	<5.0	---	---	5.0
Chrysene, ug/l	<5.0	---	---	5.0
Dibenzo(a,h)anthracene, ug/l	<5.0	---	---	5.0
Fluoranthene, ug/l	<10	---	---	10
Fluorene, ug/l	<10	83 %*F82	14 %	10
Indeno(1,2,3-cd)pyrene, ug/l	<5.0	---	---	5.0
Naphthalene, ug/l	<5.0	77 %*F82	23 %	5.0
Phenanthrene, ug/l	<10	---	---	10
Pyrene, ug/l	<10	89 %*F82	11 %	10
2-Methylnaphthalene, ug/l	<10	---	---	10
1-Methylnaphthalene, ug/l	<10	---	---	10
Surrogate - 2-Fluorobiphenyl, ug/l	39.14	---	---	---
Surrogate - Expected Value, ug/l	50.00	---	---	---
Surrogate - % Recovery	78	---	---	---
Surrogate - Control Limit	22-142 %	---	---	---
Date Extracted	12.20.96	---	---	---
Date Analyzed	12.23.96	---	---	---
Method Number	EPA 8100	---	---	---

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72949
Received: 20 DEC 96
Reported: 14 JAN 97

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #480.75 (Kaiser-Frazer Area (PAOC 18) Willow Run Plant)
Sampled By: MM/CD
Code: 204170119

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
72949-7	Lab Blank
72949-8	Accuracy - % Recovery (Mean)
72949-9	Precision - Relative % Difference
72949-10	Detection Limit

PARAMETER	72949-7	72949-8	72949-9	72949-10
Lead (7421)				
Lead, mg/l	<0.0050	116 %	1.7 %	0.0050
Date Analyzed	12.27.96	---	---	---
Method Number	EPA 7421	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 6[illegible]16

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
Kaiser - Frazer Dump Area	480075	480075

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Carol Denahan, Mike Lueiter	561-750-3733	561-345-6715

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: 8010 Total (7421) Dissolved Pb 7421 / HNO3

PAGE 1 OF 1

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED										REMARKS
12/6/96	—		FD BLK	✓				1										* Please acidify and filter all dissolved lead samples
12/9/96	—		Duplicate	✓				2	1*	1*								
12/9/96	1035		MW-18-45	✓				2										
12/9/96	1402		MW-18-45	✓					1*	1*								
12/9/96	1050		MW-18-46	✓				2										
12/9/96	1430		MW-18-46	✓					1*	1*								

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/9/96		Carol Denahan	12/9/96	1700			
RECEIVED BY: (SIGNATURE) Carol Denahan	DATE 12/7/96	TIME 1200	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	12/10/96		☐ YES ☐ NO		D629749	

ORIGINAL

TM

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/25/97

Date Submitted: 03/22/97
Date Sampled: 03/20/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20668**

Project Name: **Willow Run**

Sample ID: **MW-16-1**

BA Sample ID: **AJ07227**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
PNA Analysis						
Acenaphthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Acenaphthylene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(a)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(b)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(k)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(a)pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(ghi)perylene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Chrysene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Dibenzo(a,h)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Fluorene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Indeno(1,2,3-cd)Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Naphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Phenanthrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97

BA Report Number: **20668**

Project Name: **Willow Run**

Sample ID: **MW-16-1**

BA Sample ID: **AJ07227**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2-Methlynaphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
PNA (extraction)	**Extracted**			8270/625	ST	03/24/97

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

TM

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/25/97

Date Submitted: 03/22/97
Date Sampled: 03/21/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20668**
Project Name: **Willow Run**

Sample ID: **MW-16-1**
BA Sample ID: **AJ07228**
Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
PNA Analysis						
Acenaphthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Acenaphthylene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(a)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(b)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(k)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(a)pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(ghi)perylene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Chrysene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Dibenzo(a,h)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Fluorene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Indeno(1,2,3-cd)Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Naphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Phenanthrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97

BA Report Number: **20668**

Project Name: **Willow Run**

Sample ID: **MW-16-1**

BA Sample ID: **AJ07228**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2-Methlynaphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
PNA (extraction)	**Extracted**			8270/625	ST	03/24/97

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

TM

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/31/97

Date Submitted: 03/22/97
Date Sampled: 03/21/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20668**
Project Name: **Willow Run**

Sample ID: **MW12**
BA Sample ID: **AJ07229**
Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Lead	**Not detected**	mg/L	0.003	EPA 200.8	GW	03/28/97
Metal Water Total (digestion)	**Digested**				LS	03/26/97
Dissolved Metal Analysis						
Dissolved Lead	**Not detected**	mg/L	0.003	EPA 200.8	DB	03/25/97

DL=Detection Limit as recommended by MDEQ.

Released by: _____

Date: 3/31/97

TM

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/31/97

Date Submitted: 03/22/97
Date Sampled: 03/21/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20668**
Project Name: **Willow Run**

Sample ID: **MW6**
BA Sample ID: **AJ07230**
Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Lead	**0.003**	mg/L	0.003	EPA 200.8	GW	03/28/97
Metal Water Total (digestion)	**Digested**				LS	03/26/97
Dissolved Metal Analysis						
Dissolved Lead	**Not detected**	mg/L	0.003	EPA 200.8	DB	03/25/97

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/31/97

Date Submitted: 03/22/97
Date Sampled: 03/21/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20668**
Project Name: **Willow Run**

Sample ID: **MW5**
BA Sample ID: **AJ07231**
Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Lead	**Not detected**	mg/L	0.003	EPA 200.8	GW	03/28/97
Metal Water Total (digestion)	**Digested**				LS	03/26/97
Dissolved Metal Analysis						
Dissolved Lead	**Not detected**	mg/L	0.003	EPA 200.8	DB	03/25/97

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

TM

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/31/97

Date Submitted: 03/22/97
Date Sampled: 03/21/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20668**
Project Name: **Willow Run**

Sample ID: **MW2**
BA Sample ID: **AJ07232**
Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Lead	**Not detected**	mg/L	0.003	EPA 200.8	GW	03/28/97
Metal Water Total (digestion)	**Digested**				LS	03/26/97
Dissolved Metal Analysis						
Dissolved Lead	**Not detected**	mg/L	0.003	EPA 200.8	DB	03/25/97
PNA Analysis						
PNA (extraction)	**Extracted**			8270/625	ST	03/24/97
Acenaphthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Acenaphthylene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(a)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(b)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(k)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97

Brighton Analytical Inc.

BA Report Number: **20668**

Project Name: **Willow Run**

Sample ID: **MW2**

BA Sample ID: **AJ07232**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Benzo(a)pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(ghi)perylene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Chrysene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Dibenzo(a,h)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Fluorene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Indeno(1,2,3-cd)Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Naphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Phenanthrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
2-Methlynaphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97

DL=Detection Limit as recommended by MDEQ.

Released by: _____

Date: 3/31/97

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/31/97

Date Submitted: 03/22/97
Date Sampled: 03/21/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20668**

Project Name: **Willow Run**

Sample ID: **MW3**

BA Sample ID: **AJ07233**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Lead	**Not detected**	mg/L	0.003	EPA 200.8	GW	03/28/97
Metal Water Total (digestion)	**Digested**				LS	03/26/97
Dissolved Metal Analysis						
Dissolved Lead	**Not detected**	mg/L	0.003	EPA 200.8	DB	03/25/97
PNA Analysis						
PNA (extraction)	**Extracted**			8270/625	ST	03/24/97
Acenaphthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Acenaphthylene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(a)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(b)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(k)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97

BA Report Number: **20668**

Project Name: **Willow Run**

Sample ID: **MW3**

BA Sample ID: **AJ07233**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Benzo(a)pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(ghi)perylene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Chrysene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Dibenzo(a,h)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Fluorene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Indeno(1,2,3-cd)Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Naphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Phenanthrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
2-Methlynaphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

TM

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/31/97

Date Submitted: 03/22/97
Date Sampled: 03/21/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20668**

Project Name: **Willow Run**

Sample ID: **DUP 1**

BA Sample ID: **AJ07234**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Lead	**Not detected**	mg/L	0.003	EPA 200.8	GW	03/28/97
Metal Water Total (digestion)	**Digested**				LS	03/26/97
Dissolved Metal Analysis						
Dissolved Lead	**Not detected**	mg/L	0.003	EPA 200.8	DB	03/25/97
PNA Analysis						
PNA (extraction)	**Extracted**			8270/625	ST	03/24/97
Acenaphthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Acenaphthylene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(a)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(b)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(k)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97

Brighton Analytical Inc.

BA Report Number: **20668**

Project Name: **Willow Run**

Sample ID: **DUP 1**

BA Sample ID: **AJ07234**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Benzo(a)pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(ghi)perylene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Chrysene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Dibenzo(a,h)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Fluorene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Indeno(1,2,3-cd)Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Naphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Phenanthrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
2-Methlynaphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/31/97

Date Submitted: 03/22/97
Date Sampled: 03/21/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20668**

Project Name: **Willow Run**

Sample ID: **EQ Rinse**

BA Sample ID: **AJ07235**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Lead	**Not detected**	mg/L	0.003	EPA 200.8	GW	03/28/97
Metal Water Total (digestion)	**Digested**				LS	03/26/97
PNA Analysis						
Acenaphthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Acenaphthylene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(a)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(b)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(k)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(a)pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(ghi)perylene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Chrysene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Dibenzo(a,h)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97

Brighton Analytical Inc.

BA Report Number: **20668**

Project Name: **Willow Run**

Sample ID: **EQ Rinse**

BA Sample ID: **AJ07235**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Fluorene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Indeno(1,2,3-cd)Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Naphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Phenanthrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
2-Methlynaphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
PNA (extraction)	**Extracted**			8270/625	ST	03/24/97

DL=Detection Limit as recommended by MDEQ.

Released by: _____

Date: 3/31/97

TM

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/31/97

Date Submitted: 03/22/97
Date Sampled: 03/21/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20668**

Project Name: **Willow Run**

Sample ID: **MW-18-45**

BA Sample ID: **AJ07236**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Lead	**0.004**	mg/L	0.003	EPA 200.8	GW	03/28/97
Metal Water Total (digestion)	**Digested**				LS	03/26/97
Dissolved Metal Analysis						
Dissolved Lead	**Not detected**	mg/L	0.003	EPA 200.8	DB	03/25/97

DL=Detection Limit as recommended by MDEQ.

Released by: _____

Date: 3/31/97

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/31/97

Date Submitted: 03/22/97
Date Sampled: 03/21/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20668**

Project Name: **Willow Run**

Sample ID: **MW-18-46**

BA Sample ID: **AJ07237**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Lead	**0.053**	mg/L	0.003	EPA 200.8	GW	03/28/97
Metal Water Total (digestion)	**Digested**				LS	03/26/97
Dissolved Metal Analysis						
Dissolved Lead	**Not detected**	mg/L	0.003	EPA 200.8	DB	03/25/97
PNA Analysis						
PNA (extraction)	**Extracted**			8270/625	ST	03/24/97
Acenaphthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Acenaphthylene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(a)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(b)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(k)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97

BA Report Number: **20668**

Project Name: **Willow Run**

Sample ID: **MW-18-46**

BA Sample ID: **AJ07237**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Benzo(a)pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(ghi)perylene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Chrysene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Dibenzo(a,h)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Fluorene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Indeno(1,2,3-cd)Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Naphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Phenanthrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
2-Methlynaphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

TM

Brighton Analytical, Inc.
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Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/25/97

Date Submitted: 03/22/97
Date Sampled: 03/22/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20668**

Project Name: **Willow Run**

Sample ID: **MW-16-1**

BA Sample ID: **AJ07238**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
PNA Analysis						
Acenaphthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Acenaphthylene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(a)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(b)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(k)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(a)pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Benzo(ghi)perylene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Chrysene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Dibenzo(a,h)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Fluorene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Indeno(1,2,3-cd)Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Naphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Phenanthrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97

Brighton Analytical Inc.

BA Report Number: **20668**

Project Name: **Willow Run**

Sample ID: **MW-16-1**

BA Sample ID: **AJ07238**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2-Methlynaphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/24/97
PNA (extraction)	**Extracted**			8270/625	ST	03/24/97

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

YZ 21068

Brighton Analytical, Inc.™

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Phone: (810) 229-7575
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1721 Indian Wood Circle
Maumee, OH 43537
Phone: (419) 893-8955
Fax: (419) 893-5576

COMPANY NAME: Bkgland, Bouck + Lee

PROJECT NAME: Willow Run

REQUESTED TURNAROUND: (circle one)
Standard: 5-10 business days
Expedited: 5 business days
Expedited: 48-72 hours (verify with lab)
Rush: 24 hours (verify with lab)

PROJECT NUMBER: 869.75

P. O. NUMBER:

Analysis Requested

Brighton ID #	Sample Description	Date Sampled	Time Sampled	# of Containers	Sample Matrix	8240 8220 METHOD #	METHOD # Total Pb	METHOD # Dissolved Pb	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #	Comments:
07227	MW-16-1	3/20/97	17:15	1	A	✓								
28	MW-16-1	3/21/97	9:12	1	A	✓								
29	MW12	3/21/97	10:45	2	A		✓	✓					*	LOGIN 8.00 SAMPLES
30	MW6	3/21/97	11:20	2	A		✓	✓						AS PNA 8270's
31	MW5	3/21/97	11:55	2	A		✓	✓						TBT
32	MW 2	3/21/97	14:15		A	✓	✓	✓						
33	MW3	3/21/97			A	✓	✓	✓						
34	DUP 1	3/21/97	—	3	A	✓	✓	✓						
35	EQ Rinse	3/21/97	—	~~3~~ 2	A	✓	✓	[illegible]						
36	MW-18-45	3/21/97	1600	2	A		✓	✓						
37	MW-18-46	3/21/97	1645	3	A	✓	✓	✓						

REPORT RESULTS TO: Barb Sullivan

PHONE: 561 750 3733
FAX: 561 395 6715

ABBREVIATIONS FOR MATRIX
S = Solids G = Gas
U = Sludge A = Aqueous

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses

(1) Relinquished by:	(1) Date/Time:	(1) Received by:	(1) Date/Time:
	3/22/97 9:30		3/22/97 9:30am
(2) Relinquished by:	(2) Date/Time:	(2) Received by:	(2) Date/Time:
(3) Relinquished by:	(3) Date/Time:	(3) Received by:	(3) Date/Time:

Brighton Analytical, Inc.™

2105 Pless Drive
Brighton, MI 48116
Phone: (810) 229-7575
Fax: (810) 229-8650

1721 Indian Wood Circle
Maumee, OH 43537
Phone: (419) 893-8955
Fax: (419) 893-5576

COMPANY NAME: Blasland, Bouck + Lee

PROJECT NAME: Willow Run

REQUESTED TURNAROUND: (circle one)
Standard: 5-10 business days
Expedited: 5 business days
Expedited: 48-72 hours (verify with lab)
Rush: 24 hours (verify with lab)

PROJECT NUMBER: 869.15

P. O. NUMBER:

Analysis Requested

Brighton ID #	Sample Description	Date Sampled	Time Sampled	# of Containers	Sample Matrix	METHOD # 8100	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #
03238	MW-16-1	3/22/97	9:15	1	A	✓							

REPORT RESULTS TO: Barb Sullivan

PHONE: (561) 750-3733
FAX: (561) 395-6715

ABBREVIATIONS FOR MATRIX
S = Solids G = Gas
U = Sludge A = Aqueous

Comments:

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses

(1) Relinquished by:	(1) Date/Time: 3/22/97 9:30	(1) Received by: Fed Expl.	(1) Date/Time: 3/22/97 9:30am
(2) Relinquished by:	(2) Date/Time:	(2) Received by:	(2) Date/Time:
(3) Relinquished by:	(3) Date/Time:	(3) Received by:	(3) Date/Time:

TM

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/27/97

Date Submitted: 03/24/97
Date Sampled: 03/22/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB51 0-6"**

BA Sample ID: **AJ07344**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**520**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
PNA Analysis						
Acenaphthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Acenaphthylene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(a)anthracene	**1400**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(b)fluoranthene	**890**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(k)fluoranthene	**780**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(a)pyrene	**750**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(g,h,i)perylene	**820**	ug/Kg	330	SW846 8270	MC	03/26/97
Chrysene	**1500**	ug/Kg	330	SW846 8270	MC	03/26/97
Dibenzo(a,h)anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB51 0-6"**

BA Sample ID: **AJ07344**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Fluoranthene	**2800**	ug/Kg	330	SW846 8270	MC	03/26/97
Fluorene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Indeno(1,2,3-cd)pyrene	**770**	ug/Kg	330	SW846 8270	MC	03/26/97
Naphthalene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Phenanthrene	**900**	ug/Kg	330	SW846 8270	MC	03/26/97
Pyrene	**1900**	ug/Kg	330	SW846 8270	MC	03/26/97
2-Methylnaphthalene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
PNA (extraction)	**Extracted**			8270/625	ST	03/25/97
%Solid	**88.6**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: _____

Date: 3/31/97

TM

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/27/97

Date Submitted: 03/24/97
Date Sampled: 03/22/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB51 6"-2'**

BA Sample ID: **AJ07345**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**260**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
PNA Analysis						
Acenaphthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Acenaphthylene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(a)anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(b)fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(k)fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(a)pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(g,h,i)perylene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Chrysene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Dibenzo(a,h)anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB51 6"-2'**

BA Sample ID: **AJ07345**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Fluorene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Indeno(1,2,3-cd)pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Naphthalene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Phenanthrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
2-Methylnaphthalene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
PNA (extraction)	**Extracted**			8270/625	ST	03/25/97
%Solid	**89.8**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by:

Date: 3/31/97

TM

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/27/97

Date Submitted: 03/24/97
Date Sampled: 03/22/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB51 2-4'**

BA Sample ID: **AJ07346**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**7.9**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
PNA Analysis						
Acenaphthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Acenaphthylene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(a)anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(b)fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(k)fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(a)pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(g,h,i)perylene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Chrysene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Dibenzo(a,h)anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97

Brighton Analytical Inc.

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB51 2-4'**

BA Sample ID: **AJ07346**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Fluorene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Indeno(1,2,3-cd)pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Naphthalene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Phenanthrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
2-Methylnaphthalene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
PNA (extraction)	**Extracted**			8270/625	ST	03/25/97
%Solid	**91.9**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/27/97

Date Submitted: 03/24/97
Date Sampled: 03/22/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB51 4-6'**

BA Sample ID: **AJ07347**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**5.0**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
PNA Analysis						
Acenaphthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Acenaphthylene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(a)anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(b)fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(k)fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(a)pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(g,h,i)perylene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Chrysene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Dibenzo(a,h)anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB51 4-6'**

BA Sample ID: **AJ07347**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Fluorene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Indeno(1,2,3-cd)pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Naphthalene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Phenanthrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
2-Methylnaphthalene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
PNA (extraction)	**Extracted**			8270/625	ST	03/25/97
%Solid	**88.1**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/27/97

Date Submitted: 03/24/97
Date Sampled: 03/22/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB51 6-8'**

BA Sample ID: **AJ07348**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**4.8**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
PNA Analysis						
Acenaphthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Acenaphthylene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(a)anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(b)fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(k)fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(a)pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(g,h,i)perylene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Chrysene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Dibenzo(a,h)anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB51 6-8'**

BA Sample ID: **AJ07348**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Fluorene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Indeno(1,2,3-cd)pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Naphthalene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Phenanthrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
2-Methylnaphthalene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
PNA (extraction)	**Extracted**			8270/625	ST	03/25/97
%Solid	**85.3**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

Brighton Analytical Inc.

TM

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/27/97

Date Submitted: 03/24/97
Date Sampled: 03/22/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB51 8-10'**

BA Sample ID: **AJ07349**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**32**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
PNA Analysis						
Acenaphthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Acenaphthylene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(a)anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(b)fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(k)fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(a)pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(g,h,i)perylene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Chrysene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Dibenzo(a,h)anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97

Brighton Analytical Inc.

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB51 8-10'**

BA Sample ID: **AJ07349**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Fluorene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Indeno(1,2,3-cd)pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Naphthalene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Phenanthrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
2-Methylnaphthalene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
PNA (extraction)	**Extracted**			8270/625	ST	03/25/97
%Solid	**88.1**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: _____

Date: 3/31/97

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/27/97

Date Submitted: 03/24/97
Date Sampled: 03/22/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB51 10-12'**

BA Sample ID: **AJ07350**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**7.5**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
PNA Analysis						
Acenaphthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Acenaphthylene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(a)anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(b)fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(k)fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(a)pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(g,h,i)perylene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Chrysene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Dibenzo(a,h)anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB51 10-12'**

BA Sample ID: **AJ07350**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Fluorene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Indeno(1,2,3-cd)pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Naphthalene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Phenanthrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
2-Methylnaphthalene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
PNA (extraction)	**Extracted**			8270/625	ST	03/25/97
%Solid	**89.1**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: _____

Date: 3/31/97

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/27/97

Date Submitted: 03/24/97
Date Sampled: 03/22/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB52 0-6"**

BA Sample ID: **AJ07351**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**82**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**89.2**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: _____

Date: 3/31/97

Brighton Analytical Inc.
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Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/27/97

Date Submitted: 03/24/97
Date Sampled: 03/22/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB52 6"-2'**

BA Sample ID: **AJ07352**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**5.3**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**85.2**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

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To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB52 2-4'**

BA Sample ID: **AJ07353**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**5.6**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**80.5**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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Date: 3/31/97

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To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB52 4-6'**

BA Sample ID: **AJ07354**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**7.6**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**83.0**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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Date: 3/31/97

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To: Blasland, Blouck & Lee
185 N.W. Spanish River
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Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB52 6-8'**

BA Sample ID: **AJ07355**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**2.3**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**93.9**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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Date: 3/31/97

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To: Blasland, Blouck & Lee
185 N.W. Spanish River
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Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB52 8-10'**

BA Sample ID: **AJ07356**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**2.4**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**88.9**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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Date: 3/31/97

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To: Blasland, Blouck & Lee
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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB52 10-12'**

BA Sample ID: **AJ07357**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**2.2**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**83.6**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB53 0-6"**

BA Sample ID: **AJ07358**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**26**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**88.7**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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To: Blasland, Blouck & Lee
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Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB53 6"-2'**

BA Sample ID: **AJ07359**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**15**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**86.0**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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To: Blasland, Blouck & Lee
185 N.W. Spanish River
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Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB53 2-4'**

BA Sample ID: **AJ07360**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**4.6**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**92.5**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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To: Blasland, Blouck & Lee
185 N.W. Spanish River
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Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB53 4-6'**

BA Sample ID: **AJ07361**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**8.0**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**89.3**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB53 6-8'**

BA Sample ID: **AJ07362**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**2.0**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**83.7**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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To: Blasland, Blouck & Lee
185 N.W. Spanish River
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Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB53 8-10'**

BA Sample ID: **AJ07363**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**2.7**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**88.9**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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To: Blasland, Blouck & Lee
185 N.W. Spanish River
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Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB53 10-12'**

BA Sample ID: **AJ07364**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**1.8**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**82.5**	%		ASTM D-2216	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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Date: 03/27/97

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To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**
BA Sample ID: **AJ07365**

Project Name: **Willow Run Kaizer Frazier Area**
Project Number: **869.75**

Sample ID: **SB54 0-6"**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**70**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**89.0**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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Date: 3/31/97

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To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB54 6"-2'**

BA Sample ID: **AJ07366**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**12**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**84.5**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

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Date: 03/27/97

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To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB54 2-4'**

BA Sample ID: **AJ07367**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**37**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**85.1**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB54 4-6'**

BA Sample ID: **AJ07368**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**6.9**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**85.4**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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Date: 3/31/97

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Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

ample ID: **SB54 6-8'**

BA Sample ID: **AJ07369**

Project Number: **869.75**

arameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
letal Analysis						
otal Lead	**7.1**	mg/Kg	1.0	SW846 6010	GW	03/26/97
letal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**83.6**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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185 N.W. Spanish River
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Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB54 8-10'**

BA Sample ID: **AJ07370**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**6.6**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**90.5**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB54 10-12'**

BA Sample ID: **AJ07371**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**5.9**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**87.0**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB55 0-6"**

BA Sample ID: **AJ07372**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**52**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**81.2**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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To: Blasland, Blouck & Lee
185 N.W. Spanish River
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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB55 6"-2'**

BA Sample ID: **AJ07373**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**47**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**91.1**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB55 2-4'**

BA Sample ID: **AJ07374**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**14**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**80.4**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB55 4-6'**

BA Sample ID: **AJ07375**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**6.8**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**79.9**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: _____

Date: 3/31/97

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB55 6-8'**

BA Sample ID: **AJ07376**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**6.1**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**83.3**	%		ASTM D-2216	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

Brighton Analytical Inc.
TM

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Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/27/97

Date Submitted: 03/24/97
Date Sampled: 03/22/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB55 8-10'**

BA Sample ID: **AJ07377**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**6.6**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**91.0**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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Date: 3/31/97

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB55 10-12'**

BA Sample ID: **AJ07378**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**3.0**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**81.8**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB56 0-6"**

BA Sample ID: **AJ07379**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**390**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**93.6**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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Date: 3/31/97

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To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB56 6"-2'**

BA Sample ID: **AJ07380**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**49**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**88.5**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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Date: 3/31/97

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB56 2-4'**

BA Sample ID: **AJ07381**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**4.2**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**90.1**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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Date: 3/31/97

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB56 4-6'**

BA Sample ID: **AJ07382**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**4.0**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**87.0**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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BA Report Number: **20682**
Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB56 6-8'**
BA Sample ID: **AJ07383**
Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**7.4**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**84.9**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB56 8-10'**

BA Sample ID: **AJ07384**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**5.6**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**84.6**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB56 10-12'**

BA Sample ID: **AJ07385**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**3.1**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**87.0**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: _____

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB57 0-6"**

BA Sample ID: **AJ07386**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**4.5**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**93.9**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB57 6"-2'**

BA Sample ID: **AJ07387**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**2.7**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**77.1**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB57 2-4'**

BA Sample ID: **AJ07388**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**4.1**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**77.4**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB57 4-6'**

BA Sample ID: **AJ07389**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**9.4**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**83.3**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB57 6-8'**

BA Sample ID: **AJ07390**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**8.6**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**85.5**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB57 8-10'**

BA Sample ID: **AJ07391**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**8.8**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**89.2**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: _____

Date: 3/31/97

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **SB57 10-12'**

BA Sample ID: **AJ07392**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**3.6**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**84.7**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

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BA Report Number: **20682**
BA Sample ID: **AJ07393**

Project Name: **Willow Run Kaizer Frazier Area**
Project Number: **869.75**

Sample ID: **EQ Rinse 1**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**0.014**	mg/L	0.003	EPA 200.8	GW	03/28/97
Metal Water Total (digestion)	**Digested**				LS	03/26/97
PNA Analysis						
Acenaphthene	**Not detected**	ug/L	5	EPA 625	MC	03/25/97
Acenaphthylene	**Not detected**	ug/L	5	EPA 625	MC	03/25/97
Anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/25/97
Benzo(a)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/25/97
Benzo(b)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/25/97
Benzo(k)fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/25/97
Benzo(a)pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/25/97
Benzo(ghi)perylene	**Not detected**	ug/L	5	EPA 625	MC	03/25/97
Chrysene	**Not detected**	ug/L	5	EPA 625	MC	03/25/97
Dibenzo(a,h)anthracene	**Not detected**	ug/L	5	EPA 625	MC	03/25/97
Fluoranthene	**Not detected**	ug/L	5	EPA 625	MC	03/25/97
Fluorene	**Not detected**	ug/L	5	EPA 625	MC	03/25/97

Brighton Analytical Inc.

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **EQ Rinse 1**

BA Sample ID: **AJ07393**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Indeno(1,2,3-cd)Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/25/97
Naphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/25/97
Phenanthrene	**Not detected**	ug/L	5	EPA 625	MC	03/25/97
Pyrene	**Not detected**	ug/L	5	EPA 625	MC	03/25/97
2-Methlynaphthalene	**Not detected**	ug/L	5	EPA 625	MC	03/25/97
PNA (extraction)	**Extracted**			8270/625	YH	03/25/97

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **EQ Rinse 2**

BA Sample ID: **AJ07394**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**0.013**	mg/L	0.003	EPA 200.8	GW	03/28/97
Metal Water Total (digestion)	**Digested**				LS	03/26/97

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

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BA Report Number: **20682**
Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **Duplicate 1**
BA Sample ID: **AJ07395**
Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**7.8**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
PNA Analysis						
Acenaphthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Acenaphthylene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(a)anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(b)fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(k)fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(a)pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Benzo(g,h,i)perylene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Chrysene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Dibenzo(a,h)anthracene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **Duplicate 1**

BA Sample ID: **AJ07395**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Fluoranthene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Fluorene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Indeno(1,2,3-cd)pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Naphthalene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Phenanthrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
Pyrene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
2-Methylnaphthalene	**Not detected**	ug/Kg	330	SW846 8270	MC	03/26/97
PNA (extraction)	**Extracted**			8270/625	ST	03/25/97
%Solid	**91.5**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

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BA Report Number: **20682**
Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **Duplicate 2**
BA Sample ID: **AJ07396**
Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**9.1**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**88.0**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

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BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **Duplicate 3**

BA Sample ID: **AJ07397**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**11**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**86.7**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

TM

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/27/97

Date Submitted: 03/24/97
Date Sampled: 03/22/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **Duplicate 4**

BA Sample ID: **AJ07398**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**6.5**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**89.8**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

Brighton Analytical Inc.

TM

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/27/97

Date Submitted: 03/24/97
Date Sampled: 03/22/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **Duplicate 5**

BA Sample ID: **AJ07399**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**5.3**	mg/Kg	1.0	SW846 6010	GW	03/26/97
Metal Soil (digestion)	**Digested**				LS	03/25/97
%Solid	**85.8**	%		ASTM D-221	CW	03/26/97

All soil results based on dry weight.

DL=Detection Limit as recommended by MDEQ.

Released by: W. Stanek

Date: 3/31/97

TM

Brighton Analytical, Inc.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810)229-7575 FAX: (810)229-8650

Date: 03/31/97

Date Submitted: 03/24/97
Date Sampled: 03/22/97

To: Blasland, Blouck & Lee
185 N.W. Spanish River
Suite 110
Boca Raton, FL 33431

BA Report Number: **20682**

Project Name: **Willow Run Kaizer Frazier Area**

Sample ID: **EQ Rinse 3**

BA Sample ID: **AJ07400**

Project Number: **869.75**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Metal Analysis						
Total Lead	**Not detected**	mg/L	0.003	EPA 200.8	GW	03/28/97
Metal Water Total (digestion)	**Digested**				LS	03/26/97

DL=Detection Limit as recommended by MDEQ.

Released by: [signature]

Date: 3/31/97

20682 1/6

Brighton Analytical, Inc.™

2105 Pless Drive
Brighton, MI 48116
Phone: (810) 229-7575
Fax: (810) 229-8650

1721 Indian Wood Circle
Maumee, OH 43537
Phone: (419) 893-8955
Fax: (419) 893-5576

COMPANY NAME: Blasland, Bouck, + Lee (BBL)

PROJECT NAME: Willow Run Kaiser Frazier Area

REQUESTED TURNAROUND: (circle one)
Standard: 5-10 business days
Expedited: 5 business days
Expedited: 48-72 hours (verify with lab)
Rush: 24 hours (verify with lab)

PROJECT NUMBER: 869.75

P. O. NUMBER:

Analysis Requested

Brighton ID #	Sample Description	Date Sampled	Time Sampled	# of Containers	Sample Matrix	METHOD # Pb	METHOD # PAH 8100	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #
AS 07344	SB51 0-6"	3/22/97	1050	1	S	✓	✓						
07345	SB51 6"-2'	3/22/97	1052	1	S	✓	✓						
07346	SB51 2'-4'	3/22/97	1100	1	S	✓	✓						
07347	SB51 4'-6'	3/22/97	1102	1	S	✓	✓						
07348	SB51 6'-8'	3/22/97	1105	1	S	✓	✓						
07349	SB51 8-10'	3/22/97	1108	1	S	✓	✓						
07350	SB51 10-12'	3/22/97	1111	1	S	✓	✓						
07351	SB52 0-6"	3/22/97	1137	1	S	✓							
07352	SB52 6"-2'	3/22/97	1139	1	S	✓							
07353	SB52 2'-4'	3/22/97	1141	1	S	✓							
07354	SB52 4-6'	3/22/97	1143	1	S	✓							

REPORT RESULTS TO: Barb Sullivan

PHONE:
FAX: 561 395 6715

ABBREVIATIONS FOR MATRIX
S = Solids G = Gas
U = Sludge A = Aqueous

Comments:

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses

(1) Relinquished by:	(1) Date/Time: 3/27/97 330	(1) Received by:	(1) Date/Time: 3/27/97 3:30p
(2) Relinquished by:	(2) Date/Time:	(2) Received by:	(2) Date/Time:
(3) Relinquished by:	(3) Date/Time:	(3) Received by:	(3) Date/Time:

JU682 Cont. 1 of 6

Brighton Analytical, Inc.™

2105 Pless Drive
Brighton, MI 48116
Phone: (810) 229-7575
Fax: (810) 229-8650

1721 Indian Wood Circle
Maumee, OH 43537
Phone: (419) 893-8955
Fax: (419) 893-5576

COMPANY NAME: BBL

PROJECT NAME: Willow Run (Raizen Frazier Area)

PROJECT NUMBER: 869.75

P. O. NUMBER:

REQUESTED TURNAROUND: (circle one)
Standard: 5-10 business days
Expedited: 5 business days
Expedited: 48-72 hours (verify with lab)
Rush: 24 hours (verify with lab)

Analysis Requested

Sample Matrix	METHOD # Pb	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #

REPORT RESULTS TO: Barb Sullivan

PHONE:
FAX: 561 395 6715

ABBREVIATIONS FOR MATRIX
S = Solids G = Gas
U = Sludge A = Aqueous

Brighton ID #	Sample Description	Date Sampled	Time Sampled	# of Containers	Sample Matrix	Pb	Comments:
AJ 07355	SB52 6-8'	3/22/97	1145	1	S	✓	
07356	SB52 8-10'	3/22/97	1147	1	S	✓	
07357	SB52 10-12'	3/22/97	1148	1	S	✓	
07358	SB53 0-6"	3/22/97	1205	1	S	✓	
07359	SB53 6"-2'	3/22/97	1207	1	S	✓	
07360	SB53 2-4'	3/22/97	1208	1	S	✓	
07361	SB53 4-6'	3/22/97	1210	1	S	✓	
07362	SB53 6-8'	3/22/97	1212	1	S	✓	
07363	SB53 8-10'	3/22/97	1214	1	S	✓	
07364	SB53 10-12'	3/22/97	1215	1	S	✓	

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses

(1) Relinquished by:	(1) Date/Time: 3/24/97 330	(1) Received by:	(1) Date/Time: 3/24/97 3:30p
(2) Relinquished by:	(2) Date/Time:	(2) Received by:	(2) Date/Time:
(3) Relinquished by:	(3) Date/Time:	(3) Received by:	(3) Date/Time:

J0682 cont. 6

Brighton Analytical, Inc.™

2105 Pless Drive
Brighton, MI 48116
Phone: (810) 229-7575
Fax: (810) 229-8650

1721 Indian Wood Circle
Maumee, OH 43537
Phone: (419) 893-8955
Fax: (419) 893-5576

COMPANY NAME: BBL

PROJECT NAME: Kaizen Willow Run Frazier

PROJECT NUMBER: 8679

P. O. NUMBER:

REQUESTED TURNAROUND: (circle one)
Standard: 5-10 business days
Expedited: 5 business days
Expedited: 48-72 hours (verify with lab)
Rush: 24 hours (verify with lab)

Analysis Requested

Brighton ID #	Sample Description	Date Sampled	Time Sampled	# of Containers	Sample Matrix	METHOD # 8260	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #
AJ 07365	SB 54 0-6"	3/22/97	1225	1	S	✓							
07366	SB54 6"-2'	3/22/97	1227	1	S	✓							
07367	SB 54 2-4'	3/22/97	1228	1	S	✓							
07368	SB 54 4-6"	3/22/97	1230	1	S	✓							
07369	SB54 6-8"	3/22/97	1232	1	S	✓							
07370	SB54 8-10'	3/22/97	1234	1	S	✓							
07371	SB54 10-12'	3/22/97	1237	1	S	✓							
07372	SB55 0-6"	3/22/97	1257	1	S	✓							
07373	SB55 6"-2'	3/22/97	1259	1	S	✓							
07374	SB55 2'-4'	3/22/97	1301	1	S	✓							
07375	SB55 4'-6"	3/22/97	1302	1	S	✓							

REPORT RESULTS TO: Barb Sullivan

PHONE: 561 395 6715
FAX:

ABBREVIATIONS FOR MATRIX
S = Solids G = Gas
U = Sludge A = Aqueous

Comments:

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses

(1) Relinquished by:	(1) Date/Time: 3/24/97 330	(1) Received by:	(1) Date/Time: 3/24/97 3:30
(2) Relinquished by:	(2) Date/Time:	(2) Received by:	(2) Date/Time:
(3) Relinquished by:	(3) Date/Time:	(3) Received by:	(3) Date/Time:

07682 Cont. 1/6

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Phone: (810) 229-7575
Fax: (810) 229-8650

1721 Indian Wood Circle
Maumee, OH 43537
Phone: (419) 893-8955
Fax: (419) 893-5576

COMPANY NAME: BBL

PROJECT NAME: Willow Run Kuizen Frazier area

REQUESTED TURNAROUND: (circle one)
Standard: 5-10 business days
Expedited: 5 business days
Expedited: 48-72 hours (verify with lab)
Rush: 24 hours (verify with lab)

PROJECT NUMBER: 8697 5

P. O. NUMBER:

Analysis Requested

Brighton ID #	Sample Description	Date Sampled	Time Sampled	# of Containers	Sample Matrix	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #
AJ 07376	SB 55 6-8'	3/22/97	1303	1	S	✓						
07377	SB55 8-10'	3/22/97	1304	1	S	✓						
07378	SB55 10-12'	3/22/97	1305	1	S	✓						
07379	SB56 0-6"	3/22/97	1338	1	S	✓						
07380	SB56 6"-2'	3/22/97	1340	1	S	✓						
07381	SB56 2-4'	3/22/97	1342	1	S	✓						
07382	SB56 4-6'	3/22/97	1344	1	S	✓						
07383	SB56 6-8'	3/22/97	1346	1	S	✓						
07384	SB56 8-10'	3/22/97	1348	1	S	✓						
07385	SB56 10-12'	3/22/97	1350	1	S	✓						
						✓						

REPORT RESULTS TO: Barb Sullivan

PHONE: 561 395 6715
FAX:

ABBREVIATIONS FOR MATRIX
S = Solids G = Gas
U = Sludge A = Aqueous

Comments:

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses

(1) Relinquished by:	(1) Date/Time: 3/24/97 338	(1) Received by:	(1) Date/Time: 3/27/97 3:10
(2) Relinquished by:	(2) Date/Time:	(2) Received by:	(2) Date/Time:
(3) Relinquished by:	(3) Date/Time:	(3) Received by:	(3) Date/Time:

J0682 Cont. 16

Brighton Analytical, Inc.™

2105 Pless Drive
Brighton, MI 48116
Phone: (810) 229-7575
Fax: (810) 229-8650

1721 Indian Wood Circle
Maumee, OH 43537
Phone: (419) 893-8955
Fax: (419) 893-5576

COMPANY NAME: BBL

PROJECT NAME: Willow Run Kaiser Frazier area

REQUESTED TURNAROUND: (circle one)
Standard: 5-10 business days
Expedited: 5 business days
Expedited: 48-72 hours (verify with lab)
Rush: 24 hours (verify with lab)

PROJECT NUMBER: 869-75

P. O. NUMBER:

Analysis Requested

Brighton ID #	Sample Description	Date Sampled	Time Sampled	# of Containers	Sample Matrix	METHOD # Pb	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #
AJ 07386	SB57 0-6"	3/22/97	1320	1	S	✓							
07387	SB57 6"-2'	3/22/97	1322	1	S	✓							
07388	SB57 2'-4'	3/22/97	1324	1	S	✓							
07389	SB57 4'-6'	3/22/97	1326	1	S	✓							
07390	SB57 6'-8'	3/22/97	1328	1	S	✓							
07391	SB57 8'-10'	3/22/97	1330	1	S	✓							
07392	SB57 10'-12'	3/22/97	1331	1	S	✓							

REPORT RESULTS TO: Barb Sullivan

PHONE:
FAX: 561 395 6715

ABBREVIATIONS FOR MATRIX
S = Solids G = Gas
U = Sludge A = Aqueous

Comments:

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses

(1) Relinquished by:	(1) Date/Time: 3/24/97 330	(1) Received by:	(1) Date/Time: 3/24/97 3:34p
(2) Relinquished by:	(2) Date/Time:	(2) Received by:	(2) Date/Time:
(3) Relinquished by:	(3) Date/Time:	(3) Received by:	(3) Date/Time:

JU602 Cont 5/6

Brighton Analytical, Inc.™

2105 Pless Drive
Brighton, MI 48116
Phone: (810) 229-7575
Fax: (810) 229-8650

1721 Indian Wood Circle
Maumee, OH 43537
Phone: (419) 893-8955
Fax: (419) 893-5576

COMPANY NAME: BBL

PROJECT NAME: Willow Run Kaizen Frazier Area

REQUESTED TURNAROUND: (circle one)
Standard: 5-10 business days
Expedited: 5 business days
Expedited: 48-72 hours (verify with lab)
Rush: 24 hours (verify with lab)

PROJECT NUMBER: 869.75

P. O. NUMBER:

Analysis Requested

Brighton ID #	Sample Description	Date Sampled	Time Sampled	# of Containers	Sample Matrix	METHOD # 8100 PAH	METHOD # Total PB	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #	METHOD #
AJ 07393	EQ Rinse 1	3/22/97		2	A	✓	✓		1				
07394	EQ Rinse 2	3/22/97		1	A		✓		2				
07395	Duplicate 1	3.22.97		2	S	✓	✓		3				
07396	Duplicate 2	3.22.97		1	S		✓		4				
07397	Duplicate 3	3.22.97		1	S		✓		5				
07398	Duplicate 4	3.22.97		1	S		✓		6				
07399	Duplicate 5	3.22.97		1	S		✓		7				
07400	EQ Rinse 3	3.22.97		1	A		✓		8				

REPORT RESULTS TO: Barb Sullivan

PHONE:
FAX: 561 395 6715

ABBREVIATIONS FOR MATRIX
S = Solids G = Gas
U = Sludge A = Aqueous

Comments:

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses

(1) Relinquished by:	(1) Date/Time: 3/24/97 330	(1) Received by:	(1) Date/Time: 3/24/97 3:30 PM
(2) Relinquished by:	(2) Date/Time:	(2) Received by:	(2) Date/Time:
(3) Relinquished by:	(3) Date/Time:	(3) Received by:	(3) Date/Time:

CVO Property - VOH Plume

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

RECEIVED
APR 26 1996
BLASLAND, BOUCK & LEE
BOCA RATON

LOG NO: D6-70939
Received: 20 APR 96
Reported: 23 APR 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT Site)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70939-1	GP-7	04-19-96

PARAMETER	70939-1
Volatiles by GC/MS (8260)	
Benzene, ug/l	<250
Bromobenzene, ug/l	<250
Bromochloromethane, ug/l	<250
Bromodichloromethane, ug/l	<250
Bromoform, ug/l	<250
Bromomethane, ug/l	<250
n-Butylbenzene, ug/l	<250
sec-Butylbenzene, ug/l	<250
tert-Butylbenzene, ug/l	<250
Carbon tetrachloride, ug/l	<250
Chlorobenzene, ug/l	<250
Chlorodibromomethane, ug/l	<250
Chloroethane, ug/l	<250
Chloroform, ug/l	<250
Chloromethane, ug/l	<250
2-Chlorotoluene, ug/l	<250
4-Chlorotoluene, ug/l	<250
1,2-Dibromo-3-chloropropane, ug/l	<250
1,2-Dibromoethane (EDB), ug/l	<250
Dibromomethane, ug/l	<250
1,2-Dichlorobenzene, ug/l	<250
1,3-Dichlorobenzene, ug/l	<250
1,4-Dichlorobenzene, ug/l	<250
Dichlorodifluoromethane, ug/l	<250
1,1-Dichloroethane, ug/l	<250

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

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Project: #869.43 (CAT Site)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70939-1	GP-7	04-19-96

PARAMETER	70939-1
1,2-Dichloroethane, ug/l	<250
1,1-Dichloroethene, ug/l	<250
cis-1,2-Dichloroethylene, ug/l	18000
trans-1,2-Dichloroethylene, ug/l	400
1,2-Dichloropropane, ug/l	<250
1,3-Dichloropropane, ug/l	<250
2,2-Dichloropropane, ug/l	<250
1,1-Dichloropropylene, ug/l	<250
Ethylbenzene, ug/l	<250
Hexachlorobutadiene, ug/l	<250
Isopropylbenzene, ug/l	<250
p-Isopropyltoluene, ug/l	<250
Methylene chloride, ug/l	<250
Naphthalene, ug/l	<250
n-Propylbenzene, ug/l	<250
Styrene, ug/l	<250
1,1,1,2-Tetrachloroethane, ug/l	<250
1,1,2,2-Tetrachloroethane, ug/l	<250
Tetrachloroethene, ug/l	<250
Toluene, ug/l	<250
1,2,3-Trichlorobenzene, ug/l	<250
1,2,4-Trichlorobenzene, ug/l	<250
1,1,1-Trichloroethane, ug/l	<250
1,1,2-Trichloroethane, ug/l	<250
Trichloroethylene, ug/l	<250
Trichlorofluoromethane, ug/l	<250

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Boca Raton, FL 33431

Project: #869.43 (CAT Site)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70939-1	GP-7	04-19-96

PARAMETER	70939-1
1,2,3-Trichloropropane, ug/l	<250
1,2,4-Trimethylbenzene, ug/l	<250
1,3,5-Trimethylbenzene, ug/l	<250
Vinyl chloride, ug/l	16000
o-Xylene, ug/l	<250
M & P Xylene, ug/l	<250
Date Analyzed	04.20.96
Method Number	EPA 8260
Dilution factor	250

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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Received: 20 APR 96
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Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT Site)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70939-2	Lab Blank
70939-3	Accuracy - % Recovery (Mean)
70939-4	Precision - Relative % Difference
70939-5	Detection Limit

PARAMETER	70939-2	70939-3	70939-4	70939-5
Volatiles by GC/MS (8260)				
Benzene, ug/l	<1.0	86 %	3.5 %	1.0
Bromobenzene, ug/l	<1.0	---	---	1.0
Bromochloromethane, ug/l	<1.0	---	---	1.0
Bromodichloromethane, ug/l	<1.0	---	---	1.0
Bromoform, ug/l	<1.0	---	---	1.0
Bromomethane, ug/l	<1.0	---	---	1.0
n-Butylbenzene, ug/l	<1.0	---	---	1.0
sec-Butylbenzene, ug/l	<1.0	---	---	1.0
tert-Butylbenzene, ug/l	<1.0	---	---	1.0
Carbon tetrachloride, ug/l	<1.0	---	---	1.0
Chlorobenzene, ug/l	<1.0	89 %	6.7 %	1.0
Chlorodibromomethane, ug/l	<1.0	---	---	1.0
Chloroethane, ug/l	<1.0	---	---	1.0
Chloroform, ug/l	<1.0	---	---	1.0
Chloromethane, ug/l	<1.0	---	---	1.0
2-Chlorotoluene, ug/l	<1.0	---	---	1.0
4-Chlorotoluene, ug/l	<1.0	---	---	1.0
1,2-Dibromo-3-chloropropane, ug/l	<1.0	---	---	1.0
1,2-Dibromoethane (EDB), ug/l	<1.0	---	---	1.0
Dibromomethane, ug/l	<1.0	---	---	1.0
1,2-Dichlorobenzene, ug/l	<1.0	---	---	1.0
1,3-Dichlorobenzene, ug/l	<1.0	---	---	1.0

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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LOG NO: D6-70939
Received: 20 APR 96
Reported: 23 APR 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT Site)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70939-2	Lab Blank
70939-3	Accuracy - % Recovery (Mean)
70939-4	Precision - Relative % Difference
70939-5	Detection Limit

PARAMETER	70939-2	70939-3	70939-4	70939-5
1,4-Dichlorobenzene, ug/l	<1.0	---	---	1.0
Dichlorodifluoromethane, ug/l	<1.0	---	---	1.0
1,1-Dichloroethane, ug/l	<1.0	---	---	1.0
1,2-Dichloroethane, ug/l	<1.0	---	---	1.0
1,1-Dichloroethene, ug/l	<1.0	78 %	15 %	1.0
cis-1,2-Dichloroethylene, ug/l	<1.0	---	---	1.0
trans-1,2-Dichloroethylene, ug/l	<1.0	---	---	1.0
1,2-Dichloropropane, ug/l	<1.0	---	---	1.0
1,3-Dichloropropane, ug/l	<1.0	---	---	1.0
2,2-Dichloropropane, ug/l	<1.0	---	---	1.0
1,1-Dichloropropylene, ug/l	<1.0	---	---	1.0
Ethylbenzene, ug/l	<1.0	---	---	1.0
Hexachlorobutadiene, ug/l	<1.0	---	---	1.0
Isopropylbenzene, ug/l	<1.0	---	---	1.0
p-Isopropyltoluene, ug/l	<1.0	---	---	1.0
Methylene chloride, ug/l	<1.0	---	---	1.0
Naphthalene, ug/l	<1.0	---	---	1.0
n-Propylbenzene, ug/l	<1.0	---	---	1.0
Styrene, ug/l	<1.0	---	---	1.0
1,1,1,2-Tetrachloroethane, ug/l	<1.0	---	---	1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0	---	---	1.0
Tetrachloroethene, ug/l	<1.0	---	---	1.0
Toluene, ug/l	<1.0	84 %	4.8 %	1.0

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES. INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70939
Received: 20 APR 96
Reported: 23 APR 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT Site)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70939-2	Lab Blank
70939-3	Accuracy - % Recovery (Mean)
70939-4	Precision - Relative % Difference
70939-5	Detection Limit

PARAMETER	70939-2	70939-3	70939-4	70939-5
1,2,3-Trichlorobenzene, ug/l	<1.0	---	---	1.0
1,2,4-Trichlorobenzene, ug/l	<1.0	---	---	1.0
1,1,1-Trichloroethane, ug/l	<1.0	---	---	1.0
1,1,2-Trichloroethane, ug/l	<1.0	---	---	1.0
Trichloroethylene, ug/l	<1.0	94 %	3.2 %	1.0
Trichlorofluoromethane, ug/l	<1.0	---	---	1.0
1,2,3-Trichloropropane, ug/l	<1.0	---	---	1.0
1,2,4-Trimethylbenzene, ug/l	<1.0	---	---	1.0
1,3,5-Trimethylbenzene, ug/l	<1.0	---	---	1.0
Vinyl chloride, ug/l	<1.0	---	---	1.0
o-Xylene, ug/l	<1.0	---	---	1.0
M & P Xylene, ug/l	<1.0	---	---	1.0
Date Analyzed	04.20.96	---	---	---
Method Number	EPA 8260	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 38860

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 Phone: (912) 354-7858 Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 Phone: (904) 878-3994 Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 Phone: (305) 421-7400 Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 Phone: (205) 666-6633 Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 Phone: (813) 885-7427 Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 Phone: (504) 764-1100 Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
CAT SITE	869-43	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE
MI	Mike Mueller, Sinan Sunderland	(407) 750-3733
		FAX

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: 8260

PAGE 1 OF 1

☐ STANDARD REPORT DELIVERY

☒ EXPEDITED REPORT DELIVERY (surcharge) Date Due: 24 hr TAT

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/14/96	12:47		GP-7	✓				3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Phil Dayton Jr.	4-18-96		Sinan Sunderland	4/14/96	17:45			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Sinan Sunderland	4/14/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Kimberly A. Kolar	4/20/96	1235	☐ YES ☐ NO		960939	

ORIGINAL

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70956
Received: 23 APR 96
Reported: 24 APR 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT)
Sampled By: S. Sunderland

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70956-1	GP-18	04-22-96

PARAMETER	70956-1
Volatiles by GC/MS (8260)	
Benzene, ug/l	<1.0
Bromobenzene, ug/l	<1.0
Bromochloromethane, ug/l	<1.0
Bromodichloromethane, ug/l	<1.0
Bromoform, ug/l	<1.0
Bromomethane, ug/l	<1.0
n-Butylbenzene, ug/l	<1.0
sec-Butylbenzene, ug/l	<1.0
tert-Butylbenzene, ug/l	<1.0
Carbon tetrachloride, ug/l	<1.0
Chlorobenzene, ug/l	<1.0
Chlorodibromomethane, ug/l	<1.0
Chloroethane, ug/l	<1.0
Chloroform, ug/l	<1.0
Chloromethane, ug/l	<1.0
2-Chlorotoluene, ug/l	<1.0
4-Chlorotoluene, ug/l	<1.0
1,2-Dibromo-3-chloropropane, ug/l	<1.0
1,2-Dibromoethane (EDB), ug/l	<1.0
Dibromomethane, ug/l	<1.0
1,2-Dichlorobenzene, ug/l	<1.0
1,3-Dichlorobenzene, ug/l	<1.0
1,4-Dichlorobenzene, ug/l	<1.0
Dichlorodifluoromethane, ug/l	<1.0
1,1-Dichloroethane, ug/l	<1.0

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70956
Received: 23 APR 96
Reported: 24 APR 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT)
Sampled By: S. Sunderland

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70956-1	GP-18	04-22-96

PARAMETER	70956-1
1,2-Dichloroethane, ug/l	<1.0
1,1-Dichloroethene, ug/l	<1.0
cis-1,2-Dichloroethylene, ug/l	7.0
trans-1,2-Dichloroethylene, ug/l	<1.0
1,2-Dichloropropane, ug/l	<1.0
1,3-Dichloropropane, ug/l	<1.0
2,2-Dichloropropane, ug/l	<1.0
1,1-Dichloropropylene, ug/l	<1.0
Ethylbenzene, ug/l	1.2
Hexachlorobutadiene, ug/l	<1.0
Isopropylbenzene, ug/l	<1.0
p-Isopropyltoluene, ug/l	<1.0
Methylene chloride, ug/l	<1.0
Naphthalene, ug/l	<1.0
n-Propylbenzene, ug/l	<1.0
Styrene, ug/l	<1.0
1,1,1,2-Tetrachloroethane, ug/l	<1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0
Tetrachloroethene, ug/l	<1.0
Toluene, ug/l	<1.0
1,2,3-Trichlorobenzene, ug/l	<1.0
1,2,4-Trichlorobenzene, ug/l	<1.0
1,1,1-Trichloroethane, ug/l	<1.0
1,1,2-Trichloroethane, ug/l	<1.0
Trichloroethylene, ug/l	<1.0
Trichlorofluoromethane, ug/l	<1.0

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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LOG NO: D6-70956
Received: 23 APR 96
Reported: 24 APR 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT)
Sampled By: S. Sunderland

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED
70956-1	GP-18	04-22-96

PARAMETER	70956-1
1,2,3-Trichloropropane, ug/l	<1.0
1,2,4-Trimethylbenzene, ug/l	3.6
1,3,5-Trimethylbenzene, ug/l	1.1
Vinyl chloride, ug/l	33
o-Xylene, ug/l	<1.0
M & P Xylene, ug/l	5.3
Date Analyzed	04.24.96
Method Number	EPA 8260
Dilution factor	1

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70956
Received: 23 APR 96
Reported: 24 APR 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT)
Sampled By: S. Sunderland

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70956-2	Lab Blank
70956-3	Accuracy - % Recovery (Mean)
70956-4	Precision - Relative % Difference
70956-5	Detection Limit

PARAMETER	70956-2	70956-3	70956-4	70956-5
Volatiles by GC/MS (8260)				
Benzene, ug/l	<1.0	95 %	2.1 %	1.0
Bromobenzene, ug/l	<1.0	---	---	1.0
Bromochloromethane, ug/l	<1.0	---	---	1.0
Bromodichloromethane, ug/l	<1.0	---	---	1.0
Bromoform, ug/l	<1.0	---	---	1.0
Bromomethane, ug/l	<1.0	---	---	1.0
n-Butylbenzene, ug/l	<1.0	---	---	1.0
sec-Butylbenzene, ug/l	<1.0	---	---	1.0
tert-Butylbenzene, ug/l	<1.0	---	---	1.0
Carbon tetrachloride, ug/l	<1.0	---	---	1.0
Chlorobenzene, ug/l	<1.0	98 %	3.0 %	1.0
Chlorodibromomethane, ug/l	<1.0	---	---	1.0
Chloroethane, ug/l	<1.0	---	---	1.0
Chloroform, ug/l	<1.0	---	---	1.0
Chloromethane, ug/l	<1.0	---	---	1.0
2-Chlorotoluene, ug/l	<1.0	---	---	1.0
4-Chlorotoluene, ug/l	<1.0	---	---	1.0
1,2-Dibromo-3-chloropropane, ug/l	<1.0	---	---	1.0
1,2-Dibromoethane (EDB), ug/l	<1.0	---	---	1.0
Dibromomethane, ug/l	<1.0	---	---	1.0
1,2-Dichlorobenzene, ug/l	<1.0	---	---	1.0
1,3-Dichlorobenzene, ug/l	<1.0	---	---	1.0

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70956
Received: 23 APR 96
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Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT)
Sampled By: S. Sunderland

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70956-2	Lab Blank
70956-3	Accuracy - % Recovery (Mean)
70956-4	Precision - Relative % Difference
70956-5	Detection Limit

PARAMETER	70956-2	70956-3	70956-4	70956-5
1,4-Dichlorobenzene, ug/l	<1.0	---	---	1.0
Dichlorodifluoromethane, ug/l	<1.0	---	---	1.0
1,1-Dichloroethane, ug/l	<1.0	---	---	1.0
1,2-Dichloroethane, ug/l	<1.0	---	---	1.0
1,1-Dichloroethene, ug/l	<1.0	82 %	6.1 %	1.0
cis-1,2-Dichloroethylene, ug/l	<1.0	---	---	1.0
trans-1,2-Dichloroethylene, ug/l	<1.0	---	---	1.0
1,2-Dichloropropane, ug/l	<1.0	---	---	1.0
1,3-Dichloropropane, ug/l	<1.0	---	---	1.0
2,2-Dichloropropane, ug/l	<1.0	---	---	1.0
1,1-Dichloropropylene, ug/l	<1.0	---	---	1.0
Ethylbenzene, ug/l	<1.0	---	---	1.0
Hexachlorobutadiene, ug/l	<1.0	---	---	1.0
Isopropylbenzene, ug/l	<1.0	---	---	1.0
p-Isopropyltoluene, ug/l	<1.0	---	---	1.0
Methylene chloride, ug/l	<1.0	---	---	1.0
Naphthalene, ug/l	<1.0	---	---	1.0
n-Propylbenzene, ug/l	<1.0	---	---	1.0
Styrene, ug/l	<1.0	---	---	1.0
1,1,1,2-Tetrachloroethane, ug/l	<1.0	---	---	1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0	---	---	1.0
Tetrachloroethene, ug/l	<1.0	---	---	1.0
Toluene, ug/l	<1.0	96 %	3.1 %	1.0

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70956
Received: 23 APR 96
Reported: 24 APR 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT)
Sampled By: S. Sunderland

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70956-2	Lab Blank
70956-3	Accuracy - % Recovery (Mean)
70956-4	Precision - Relative % Difference
70956-5	Detection Limit

PARAMETER	70956-2	70956-3	70956-4	70956-5
1,2,3-Trichlorobenzene, ug/l	<1.0	---	---	1.0
1,2,4-Trichlorobenzene, ug/l	<1.0	---	---	1.0
1,1,1-Trichloroethane, ug/l	<1.0	---	---	1.0
1,1,2-Trichloroethane, ug/l	<1.0	---	---	1.0
Trichloroethylene, ug/l	<1.0	109 %	1.8 %	1.0
Trichlorofluoromethane, ug/l	<1.0	---	---	1.0
1,2,3-Trichloropropane, ug/l	<1.0	---	---	1.0
1,2,4-Trimethylbenzene, ug/l	<1.0	---	---	1.0
1,3,5-Trimethylbenzene, ug/l	<1.0	---	---	1.0
Vinyl chloride, ug/l	<1.0	---	---	1.0
o-Xylene, ug/l	<1.0	---	---	1.0
M & P Xylene, ug/l	<1.0	---	---	1.0
Date Analyzed	04.23.96	---	---	---
Method Number	EPA 8260	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 32790

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404	Phone: (912) 354-7858	Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301	Phone: (904) 878-3994	Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442	Phone: (305) 421-7400	Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693	Phone: (205) 666-6633	Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634	Phone: (813) 885-7427	Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047	Phone: (504) 764-1100	Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
CAT	869.43	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE
MI	Simon Sunderland	407 750 2733
		FAX

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	BARBARA Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 NW Spanish River Blvd ste #110 Boca Raton FL 33431

MATRIX TYPE: AQUEOUS (WATER) ✓ | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: 8260

PAGE ___ OF ___

☐ STANDARD REPORT DELIVERY

☒ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: 4-23-96

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4-22-96	12:17		GP-18	2	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	4/9		[signature]	4/22/96	17:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[signature]	4/9							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
[signature]	4/23/96	9:00	☐ YES ☐ NO		D670956	

ORIGINAL

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70985
Received: 25 APR 96
Reported: 13 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT Site)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES
70985-1	MW-2
70985-2	MW-3
70985-3	BBL-MW-4
70985-4	BBL-MW-5
70985-5	BBL-MW-6

PARAMETER	70985-1	70985-2	70985-3	70985-4	70985-5
Volatiles by GC/MS (8260)					
Benzene, ug/l	500	<500	<1.0	<100	<1.0
Bromobenzene, ug/l	<500	<500	<1.0	<100	<1.0
Bromochloromethane, ug/l	<500	<500	<1.0	<100	<1.0
Bromodichloromethane, ug/l	<500	<500	<1.0	<100	<1.0
Bromoform, ug/l	<500	<500	<1.0	<100	<1.0
Bromomethane, ug/l	<500	<500	<1.0	<100	<1.0
n-Butylbenzene, ug/l	<500	<500	<1.0	<100	<1.0
sec-Butylbenzene, ug/l	<500	<500	<1.0	<100	<1.0
tert-Butylbenzene, ug/l	<500	<500	<1.0	<100	<1.0
Carbon tetrachloride, ug/l	<500	<500	<1.0	<100	<1.0
Chlorobenzene, ug/l	<500	<500	<1.0	<100	<1.0
Chlorodibromomethane, ug/l	<500	<500	<1.0	<100	<1.0
Chloroethane, ug/l	<500	<500	<1.0	<100	<1.0
Chloroform, ug/l	<500	<500	<1.0	<100	<1.0
Chloromethane, ug/l	<500	<500	<1.0	<100	<1.0
2-Chlorotoluene, ug/l	<500	<500	<1.0	<100	<1.0
4-Chlorotoluene, ug/l	<500	<500	<1.0	<100	<1.0
1,2-Dibromo-3-chloropropane, ug/l	<500	<500	<1.0	<100	<1.0
1,2-Dibromoethane (EDB), ug/l	<500	<500	<1.0	<100	<1.0
Dibromomethane, ug/l	<500	<500	<1.0	<100	<1.0
1,2-Dichlorobenzene, ug/l	<500	<500	<1.0	<100	<1.0

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70985
Received: 25 APR 96
Reported: 13 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT Site)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES
70985-1	MW-2
70985-2	MW-3
70985-3	BBL-MW-4
70985-4	BBL-MW-5
70985-5	BBL-MW-6

PARAMETER	70985-1	70985-2	70985-3	70985-4	70985-5
1,3-Dichlorobenzene, ug/l	<500	<500	<1.0	<100	<1.0
1,4-Dichlorobenzene, ug/l	<500	<500	<1.0	<100	<1.0
Dichlorodifluoromethane, ug/l	<500	<500	<1.0	<100	<1.0
1,1-Dichloroethane, ug/l	<500	<500	<1.0	<100	<1.0
1,2-Dichloroethane, ug/l	<500	<500	<1.0	<100	<1.0
1,1-Dichloroethene, ug/l	710	<500	<1.0	<100	<1.0
cis-1,2-Dichloroethylene, ug/l	140000	9800	14	1400	20
trans-1,2-Dichloroethylene, ug/l	950	700	<1.0	<100	1.4
1,2-Dichloropropane, ug/l	<500	<500	<1.0	<100	<1.0
1,3-Dichloropropane, ug/l	<500	<500	<1.0	<100	<1.0
2,2-Dichloropropane, ug/l	<500	<500	<1.0	<100	<1.0
1,1-Dichloropropylene, ug/l	<500	<500	<1.0	<100	<1.0
Ethylbenzene, ug/l	<500	<500	<1.0	<100	<1.0
Hexachlorobutadiene, ug/l	<500	<500	<1.0	<100	<1.0
Isopropylbenzene, ug/l	<500	<500	<1.0	<100	<1.0
p-Isopropyltoluene, ug/l	<500	<500	<1.0	<100	<1.0
Methylene chloride, ug/l	<500	<500	<1.0	<100	<1.0
Naphthalene, ug/l	<500	<500	<1.0	<100	<1.0
n-Propylbenzene, ug/l	<500	<500	<1.0	<100	<1.0
Styrene, ug/l	<500	<500	<1.0	<100	<1.0
1,1,1,2-Tetrachloroethane, ug/l	<500	<500	<1.0	<100	<1.0
1,1,2,2-Tetrachloroethane, ug/l	<500	<500	<1.0	<100	<1.0

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70985
Received: 25 APR 96
Reported: 13 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT Site)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES
70985-1	MW-2
70985-2	MW-3
70985-3	BBL-MW-4
70985-4	BBL-MW-5
70985-5	BBL-MW-6

PARAMETER	70985-1	70985-2	70985-3	70985-4	70985-5
Tetrachloroethene, ug/l	<500	<500	<1.0	<100	<1.0
Toluene, ug/l	<500	<500	<1.0	<100	<1.0
1,2,3-Trichlorobenzene, ug/l	<500	<500	<1.0	<100	<1.0
1,2,4-Trichlorobenzene, ug/l	<500	<500	<1.0	<100	<1.0
1,1,1-Trichloroethane, ug/l	<500	<500	<1.0	<100	<1.0
1,1,2-Trichloroethane, ug/l	<500	<500	<1.0	<100	<1.0
Trichloroethylene, ug/l	<500	<500	<1.0	<100	5.3
Trichlorofluoromethane, ug/l	<500	<500	<1.0	<100	<1.0
1,2,3-Trichloropropane, ug/l	<500	<500	<1.0	<100	<1.0
1,2,4-Trimethylbenzene, ug/l	<500	<500	<1.0	<100	<1.0
1,3,5-Trimethylbenzene, ug/l	<500	<500	<1.0	<100	<1.0
Vinyl chloride, ug/l	83000	20000	7.0	2300	150
o-Xylene, ug/l	<500	<500	<1.0	<100	<1.0
M & P Xylene, ug/l	<500	<500	<1.0	<100	<1.0
Date Analyzed	05.07.96	05.07.96	05.06.96	05.07.96	05.06.96
Method Number	EPA 8260	EPA 8260	EPA 8260	EPA 8260	EPA 8260
Dilution factor	500	500	1	100	1

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& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70985
Received: 25 APR 96
Reported: 13 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT Site)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES
70985-6	BBL-MW-7
70985-7	BBL-MW-8
70985-8	Equipment Blank
70985-9	Duplicate
70985-10	Trip Blank

PARAMETER	70985-6	70985-7	70985-8	70985-9	70985-10
Volatiles by GC/MS (8260)					
Benzene, ug/l	910	<1.0	<1.0	890	<1.0
Bromobenzene, ug/l	<50	<1.0	<1.0	<50	<1.0
Bromochloromethane, ug/l	<50	<1.0	<1.0	<50	<1.0
Bromodichloromethane, ug/l	<50	<1.0	4.3	<50	<1.0
Bromoform, ug/l	<50	<1.0	<1.0	<50	<1.0
Bromomethane, ug/l	<50	<1.0	<1.0	<50	<1.0
n-Butylbenzene, ug/l	<50	<1.0	<1.0	<50	<1.0
sec-Butylbenzene, ug/l	<50	<1.0	<1.0	<50	<1.0
tert-Butylbenzene, ug/l	<50	<1.0	<1.0	<50	<1.0
Carbon tetrachloride, ug/l	<50	<1.0	<1.0	<50	<1.0
Chlorobenzene, ug/l	<50	<1.0	<1.0	<50	<1.0
Chlorodibromomethane, ug/l	<50	<1.0	<1.0	<50	<1.0
Chloroethane, ug/l	<50	<1.0	<1.0	<50	<1.0
Chloroform, ug/l	<50	<1.0	20	<50	<1.0
Chloromethane, ug/l	<50	<1.0	<1.0	<50	<1.0
2-Chlorotoluene, ug/l	<50	<1.0	<1.0	<50	<1.0
4-Chlorotoluene, ug/l	<50	<1.0	<1.0	<50	<1.0
1,2-Dibromo-3-chloropropane, ug/l	<50	<1.0	<1.0	<50	<1.0
1,2-Dibromoethane (EDB), ug/l	<50	<1.0	<1.0	<50	<1.0
Dibromomethane, ug/l	<50	<1.0	<1.0	<50	<1.0
1,2-Dichlorobenzene, ug/l	<50	<1.0	<1.0	<50	<1.0

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70985
Received: 25 APR 96
Reported: 13 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT Site)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES
70985-6	BBL-MW-7
70985-7	BBL-MW-8
70985-8	Equipment Blank
70985-9	Duplicate
70985-10	Trip Blank

PARAMETER	70985-6	70985-7	70985-8	70985-9	70985-10
1,3-Dichlorobenzene, ug/l	<50	<1.0	<1.0	<50	<1.0
1,4-Dichlorobenzene, ug/l	<50	<1.0	<1.0	<50	<1.0
Dichlorodifluoromethane, ug/l	<50	<1.0	<1.0	<50	<1.0
1,1-Dichloroethane, ug/l	<50	<1.0	<1.0	<50	<1.0
1,2-Dichloroethane, ug/l	<50	<1.0	<1.0	<50	<1.0
1,1-Dichloroethene, ug/l	<50	<1.0	<1.0	<50	<1.0
cis-1,2-Dichloroethylene, ug/l	<50	39	<1.0	<50	<1.0
trans-1,2-Dichloroethylene, ug/l	<50	3.9	<1.0	<50	<1.0
1,2-Dichloropropane, ug/l	<50	<1.0	<1.0	<50	<1.0
1,3-Dichloropropane, ug/l	<50	<1.0	<1.0	<50	<1.0
2,2-Dichloropropane, ug/l	<50	<1.0	<1.0	<50	<1.0
1,1-Dichloropropylene, ug/l	<50	<1.0	<1.0	<50	<1.0
Ethylbenzene, ug/l	850	<1.0	<1.0	880	<1.0
Hexachlorobutadiene, ug/l	<50	<1.0	<1.0	<50	<1.0
Isopropylbenzene, ug/l	<50	<1.0	<1.0	<50	<1.0
p-Isopropyltoluene, ug/l	<50	<1.0	<1.0	<50	<1.0
Methylene chloride, ug/l	<50	<1.0	<1.0	<50	<1.0
Naphthalene, ug/l	320	<1.0	<1.0	310	<1.0
n-Propylbenzene, ug/l	130	<1.0	<1.0	110	<1.0
Styrene, ug/l	<50	<1.0	<1.0	<50	<1.0
1,1,1,2-Tetrachloroethane, ug/l	<50	<1.0	<1.0	<50	<1.0
1,1,2,2-Tetrachloroethane, ug/l	<50	<1.0	<1.0	<50	<1.0

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70985
Received: 25 APR 96
Reported: 13 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT Site)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES
70985-6	BBL-MW-7
70985-7	BBL-MW-8
70985-8	Equipment Blank
70985-9	Duplicate
70985-10	Trip Blank

PARAMETER	70985-6	70985-7	70985-8	70985-9	70985-10
Tetrachloroethene, ug/l	<50	<1.0	<1.0	<50	<1.0
Toluene, ug/l	<50	<1.0	<1.0	<50	<1.0
1,2,3-Trichlorobenzene, ug/l	<50	<1.0	<1.0	<50	<1.0
1,2,4-Trichlorobenzene, ug/l	<50	<1.0	<1.0	<50	<1.0
1,1,1-Trichloroethane, ug/l	<50	<1.0	<1.0	<50	<1.0
1,1,2-Trichloroethane, ug/l	<50	<1.0	<1.0	<50	<1.0
Trichloroethylene, ug/l	<50	15	<1.0	<50	<1.0
Trichlorofluoromethane, ug/l	<50	<1.0	<1.0	<50	<1.0
1,2,3-Trichloropropane, ug/l	<50	<1.0	<1.0	<50	<1.0
1,2,4-Trimethylbenzene, ug/l	830	<1.0	<1.0	730	<1.0
1,3,5-Trimethylbenzene, ug/l	260	<1.0	<1.0	230	<1.0
Vinyl chloride, ug/l	<50	<1.0	<1.0	<50	<1.0
o-Xylene, ug/l	63	<1.0	<1.0	76	<1.0
M & P Xylene, ug/l	2800	<1.0	<1.0	2900	<1.0
Date Analyzed	05.05.96	05.06.96	05.06.96	05.05.96	04.25.96
Method Number	EPA 8260	EPA 8260	EPA 8260	EPA 8260	EPA 8260
Dilution factor	50	1	1	50	1

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70985
Received: 25 APR 96
Reported: 13 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT Site)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70985-11	Lab Blank
70985-12	Accuracy - % Recovery (Mean)
70985-13	Precision - Relative % Difference
70985-14	Detection Limit

PARAMETER	70985-11	70985-12	70985-13	70985-14
Volatiles by GC/MS (8260)				
Benzene, ug/l	<1.0	96 %	7.3 %	1.0
Bromobenzene, ug/l	<1.0	---	---	1.0
Bromochloromethane, ug/l	<1.0	---	---	1.0
Bromodichloromethane, ug/l	<1.0	---	---	1.0
Bromoform, ug/l	<1.0	---	---	1.0
Bromomethane, ug/l	<1.0	---	---	1.0
n-Butylbenzene, ug/l	<1.0	---	---	1.0
sec-Butylbenzene, ug/l	<1.0	---	---	1.0
tert-Butylbenzene, ug/l	<1.0	---	---	1.0
Carbon tetrachloride, ug/l	<1.0	---	---	1.0
Chlorobenzene, ug/l	<1.0	98 %	5.1 %	1.0
Chlorodibromomethane, ug/l	<1.0	---	---	1.0
Chloroethane, ug/l	<1.0	---	---	1.0
Chloroform, ug/l	<1.0	---	---	1.0
Chloromethane, ug/l	<1.0	---	---	1.0
2-Chlorotoluene, ug/l	<1.0	---	---	1.0
4-Chlorotoluene, ug/l	<1.0	---	---	1.0
1,2-Dibromo-3-chloropropane, ug/l	<1.0	---	---	1.0
1,2-Dibromoethane (EDB), ug/l	<1.0	---	---	1.0
Dibromomethane, ug/l	<1.0	---	---	1.0
1,2-Dichlorobenzene, ug/l	<1.0	---	---	1.0
1,3-Dichlorobenzene, ug/l	<1.0	---	---	1.0

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-70985
Received: 25 APR 96
Reported: 13 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT Site)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70985-11	Lab Blank
70985-12	Accuracy - % Recovery (Mean)
70985-13	Precision - Relative % Difference
70985-14	Detection Limit

PARAMETER	70985-11	70985-12	70985-13	70985-14
1,4-Dichlorobenzene, ug/l	<1.0	---	---	1.0
Dichlorodifluoromethane, ug/l	<1.0	---	---	1.0
1,1-Dichloroethane, ug/l	<1.0	---	---	1.0
1,2-Dichloroethane, ug/l	<1.0	---	---	1.0
1,1-Dichloroethene, ug/l	<1.0	111 %	3.6 %	1.0
cis-1,2-Dichloroethylene, ug/l	<1.0	---	---	1.0
trans-1,2-Dichloroethylene, ug/l	<1.0	---	---	1.0
1,2-Dichloropropane, ug/l	<1.0	---	---	1.0
1,3-Dichloropropane, ug/l	<1.0	---	---	1.0
2,2-Dichloropropane, ug/l	<1.0	---	---	1.0
1,1-Dichloropropylene, ug/l	<1.0	---	---	1.0
Ethylbenzene, ug/l	<1.0	---	---	1.0
Hexachlorobutadiene, ug/l	<1.0	---	---	1.0
Isopropylbenzene, ug/l	<1.0	---	---	1.0
p-Isopropyltoluene, ug/l	<1.0	---	---	1.0
Methylene chloride, ug/l	<1.0	---	---	1.0
Naphthalene, ug/l	<1.0	---	---	1.0
n-Propylbenzene, ug/l	<1.0	---	---	1.0
Styrene, ug/l	<1.0	---	---	1.0
1,1,1,2-Tetrachloroethane, ug/l	<1.0	---	---	1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0	---	---	1.0
Tetrachloroethene, ug/l	<1.0	---	---	1.0
Toluene, ug/l	<1.0	---	---	1.0

SL *SAVANNAH LABORATORIES*
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (305) 421-7400 • Fax (305) 421-2584

LOG NO: D6-70985
Received: 25 APR 96
Reported: 13 MAY 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Project: #869.43 (CAT Site)
Sampled By: MM/SS

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
70985-11	Lab Blank
70985-12	Accuracy - % Recovery (Mean)
70985-13	Precision - Relative % Difference
70985-14	Detection Limit

PARAMETER	70985-11	70985-12	70985-13	70985-14
1,2,3-Trichlorobenzene, ug/l	<1.0	---	---	1.0
1,2,4-Trichlorobenzene, ug/l	<1.0	---	---	1.0
1,1,1-Trichloroethane, ug/l	<1.0	---	---	1.0
1,1,2-Trichloroethane, ug/l	<1.0	---	---	1.0
Trichloroethylene, ug/l	<1.0	---	---	1.0
Trichlorofluoromethane, ug/l	<1.0	---	---	1.0
1,2,3-Trichloropropane, ug/l	<1.0	---	---	1.0
1,2,4-Trimethylbenzene, ug/l	<1.0	---	---	1.0
1,3,5-Trimethylbenzene, ug/l	<1.0	---	---	1.0
Vinyl chloride, ug/l	<1.0	---	---	1.0
o-Xylene, ug/l	<1.0	---	---	1.0
M & P Xylene, ug/l	<1.0	---	---	1.0
Date Analyzed	05.05.96	---	---	---
Method Number	EPA 8260	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.

Paul Canevaro, Project Manager

Final Page Of Report

Serial Number 38485

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
☒ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (305) 421-7400 — Fax: (305) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (205) 666-6633 — Fax: (205) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
CAT SITE	869.43	

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
MI	Mike Mueller, Simon Sunderland	(407) 750-3733	

CLIENT NAME	CLIENT PROJECT MANAGER
BBL	Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 185 N.W. Spanish River Blvd, Boca Raton, FL 33431

MATRIX TYPE: AQUEOUS (WATER) / SOLID OR SEMISOLID / AIR / NONAQUEOUS LIQUID (oil, solvent, etc)

REQUIRED ANALYSES: 8260

PAGE 1 OF 1

☒ STANDARD REPORT DELIVERY

☐ EXPEDITED REPORT DELIVERY (surcharge)

Date Due: _____

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (oil, solvent, etc)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4/24/96	11:50		MW-2	✓				3	
	10:35		MW-3	✓				3	
	11:35		BBL-MW-4	✓				3	
	11:15		BBL-MW-5	✓				3	
	11:00		BBL-MW-6	✓				3	
	13:00		BBL-MW-7	✓				3	
	10:15		BBL-MW-8	✓				3	
	10:10		Equipment Blank	✓				3	
↓	13:00		Duplicate	✓				3	
4/18/96			Trip Blank	✓				3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Karl Carmen	4/9		Simon Sunderland	4/24/96	17:00			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Simon Sunderland	4/10/96							

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
Carolyn H	4/25/96	9:50	☐ YES ☐ NO		D670985	

ORIGINAL

SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72186
Received: 19 SEP 96
Reported: 23 SEP 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM
Code: 160560923

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72186-1	MW-12	09-17-96/1432
72186-2	MW-13	09-14-96/1453
72186-3	MW-14	09-17-96/1516
72186-4	DUP	09-17-96
72186-5	EQ BLK	09-17-96/1335

PARAMETER	72186-1	72186-2	72186-3	72186-4	72186-5
Purgeable Halocarbons (8010)					
Bromodichloromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chloroethylvinyl Ether, ug/l	<10	<10	<10	<10	<10
Chloroform, ug/l	<1.0	<1.0	<1.0	<1.0	1.7
Chloromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorodifluoromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1 Dichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethylene, ug/l	15	<1.0	<1.0	13	<1.0
trans-1,2-Dichloroethylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0

SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72186
Received: 19 SEP 96
Reported: 23 SEP 96

Mr. Barbara Sullivan
Blasland Bouck & Lee, Inc.
115 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM
Code: 160560923

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72186-1	MW-12	09-17-96/1432
72186-2	MW-13	09-14-96/1453
72186-3	MW-14	09-17-96/1516
72186-4	DUP	09-17-96
72186-5	EQ BLK	09-17-96/1335

PARAMETER	72186-1	72186-2	72186-3	72186-4	72186-5
trans-1,3-Dichloropropene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene chloride, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene, ug/l	88	<1.0	<1.0	89	<1.0
Trichlorofluoromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl chloride, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Surrogate - Bromochloromethane, ug/l	16.1	12.0	13.3	10.7	15.6
Surrogate - Expected Value, ug/l	15	15	15	15	15
Surrogate - % Recovery	107 %	80 %	89 %	71 %	104 %
Surrogate - Control Limit	12-152 %	12-152 %	12-152 %	12-152 %	12-152 %
Date Collected	09.14.96	09.14.96	09.15.96	09.17.96	09.15.96
Date Analyzed	09.19.96	09.19.96	09.19.96	09.19.96	09.19.96
Method Number	EPA 8010	EPA 8010	EPA 8010	EPA 8010	EPA 8010
Dilution Factor	1	1	1	1	1

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& ENVIRONMENTAL SERVICES, INC.

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LOG NO: D6-72186
Received: 19 SEP 96
Reported: 23 SEP 96

Mr. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM
Code: 160560923

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72186-6	TRIP BLK	

PARAMETER	72186-6				
Purgeable Halocarbons (8010)					
Bromodichloromethane, ug/l	<1.0				
Bromoform, ug/l	<5.0				
Bromomethane, ug/l	<1.0				
Carbon tetrachloride, ug/l	<1.0				
Chlorobenzene, ug/l	<1.0				
Chloroethane, ug/l	<1.0				
2-Chloroethylvinyl Ether, ug/l	<10				
Chloroform, ug/l	1.7				
Chloromethane, ug/l	<1.0				
Dibromochloromethane, ug/l	<1.0				
1,2-Dichlorobenzene, ug/l	<1.0				
1,3-Dichlorobenzene, ug/l	<1.0				
1,4-Dichlorobenzene, ug/l	<1.0				
Dichlorod fluoromethane, ug/l	<1.0				
1,1-Dichloroethane, ug/l	<1.0				
1,2-Dichloroethane, ug/l	<1.0				
1,1-Dichloroethene, ug/l	<1.0				
cis-1,2-D chloroethylene, ug/l	<1.0				
trans-1,2 Dichloroethylene, ug/l	<1.0				
1,2-Dichloropropane, ug/l	<1.0				
cis-1,3-Dichloropropene, ug/l	<1.0				
trans-1,3 Dichloropropene, ug/l	<1.0				
Methylene chloride, ug/l	<1.0				
1,1,2,2-Tetrachloroethane, ug/l	<1.0				
Tetrachloroethene, ug/l	<1.0				

SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

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LOG NO: D6-72186
Received: 19 SEP 96
Reported: 23 SEP 96

Mr. Barbara Sullivan
Blasland Bouck & Lee, Inc.
1515 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM
Code: 160560923

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
72186-6	TRIP BLK	

PARAMETER	72186-6		
1,1,1-Trichloroethane, ug/l	<1.0		
1,1,2-Trichloroethane, ug/l	<1.0		
Trichloroethene, ug/l	<1.0		
Trichlorofluoromethane, ug/l	<1.0		
Vinyl chloride, ug/l	<1.0		
Surrogate - Bromochloromethane, ug/l	17.4		
Surrogate - Expected Value, ug/l	15		
Surrogate - % Recovery	116 %		
Surrogate - Control Limit	12-152 %		
Date Collected	09.13.96		
Date Analyzed	09.19.96		
Method Number	EPA 8010		
Dilution factor	1		

SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72186
Received: 19 SEP 96
Reported: 23 SEP 96

Mr. Barbara Sullivan
Blasland Bouck & Lee, Inc.
185 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: CD/MM
Code: 160560923

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
72186-7	Lab Blank
72186-8	Accuracy - % Recovery (Mean)
72186-9	Precision - Relative % Difference
72186-10	Detection Limit

PARAMETER	72186-7	72186-8	72186-9	72186-10
Purgeable Halocarbons (8010)				
Bromodichloromethane, ug/l	<1.0	---	---	1.0
Bromoform, ug/l	<5.0	---	---	5.0
Bromomethane, ug/l	<1.0	---	---	1.0
Carbon tetrachloride, ug/l	<1.0	---	---	1.0
Chlorobenzene, ug/l	<1.0	104 %	9.6 %	1.0
Chloroethane, ug/l	<1.0	---	---	1.0
2-Chloroethylvinyl Ether, ug/l	<10	---	---	10
Chloroform, ug/l	<1.0	---	---	1.0
Chloromethane, ug/l	<1.0	---	---	1.0
Dibromochloromethane, ug/l	<1.0	---	---	1.0
1,2-Dichlorobenzene, ug/l	<1.0	---	---	1.0
1,3-Dichlorobenzene, ug/l	<1.0	---	---	1.0
1,4-Dichlorobenzene, ug/l	<1.0	---	---	1.0
Dichlorodifluoromethane, ug/l	<1.0	---	---	1.0
1,1-Dichloroethane, ug/l	<1.0	---	---	1.0
1,2-Dichloroethane, ug/l	<1.0	---	---	1.0
1,1-Dichloroethene, ug/l	<1.0	95 %	10 %	1.0
cis-1,2-Dichloroethylene, ug/l	<1.0	---	---	1.0
trans-1,2 Dichloroethylene, ug/l	<1.0	---	---	1.0
1,2-Dichloropropane, ug/l	<1.0	---	---	1.0
cis-1,3-Dichloropropene, ug/l	<1.0	---	---	1.0
trans-1,3 Dichloropropene, ug/l	<1.0	---	---	1.0

SAVANNAH LABORATORIES
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414 SW 12th Avenue • Deerfield Beach, Florida 33442 • (954) 421-7400 • Fax (954) 421-2584

LOG NO: D6-72186
Received: 19 SEP 96
Reported: 23 SEP 96

Ms. Barbara Sullivan
Blasland Bouck & Lee, Inc.
1515 NW Spanish River Boulevard, Suite 110
Boca Raton, FL 33431

Client PO. No.: #48043

Project: #480.43 (CAT Site Willow Run, MI)
Sampled By: GD/MM
Code: 173760923

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES
72186-7	Lab Blank
72186-8	Accuracy - % Recovery (Mean)
72186-9	Precision - Relative % Difference
72186-10	Detection Limit

PARAMETER	72186-7	72186-8	72186-9	72186-10
cis-1,3-Dichloropropene, ug/l	<1.0	---	---	1.0
trans-1,3-Dichloropropene, ug/l	<1.0	---	---	1.0
Methylene chloride, ug/l	<1.0	---	---	1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0	---	---	1.0
Tetrachloroethene, ug/l	<1.0	---	---	1.0
1,1,1-Trichloroethane, ug/l	<1.0	---	---	1.0
1,1,2-Trichloroethane, ug/l	<1.0	---	---	1.0
Trichloroethene, ug/l	<1.0	68 %	20 %	1.0
Trichlorofluoromethane, ug/l	<1.0	---	---	1.0
Vinyl chloride, ug/l	<1.0	---	---	1.0
Surrogate - Bromochloromethane, ug/l	14.0	---	---	---
Surrogate - Expected Value, ug/l	15	---	---	---
Surrogate - % Recovery	93 %	---	---	---
Surrogate - Control Limit	12-152 %	---	---	---
Date Analyzed	09.19.96	---	---	---
Method Number	EPA 8010	---	---	---

SL Environmental HRS Cert. #E86221 and SL Drinking Water HRS Cert. #86371.
Method Reference: EPA SW-846.

Paul Canevaro, Project Manager

Final Page Of Report

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

Serial Number 62546

☐ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-3994
☐ 9001 Lakeside Drive, Mobile, AL 36693 — Phone: (205) 421-7400 — Fax: (205) 421-2564
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

PROJECT REFERENCE: CAT SITE Michigan | PROJECT NO.: 48043 | P.O. NUMBER: 48043

PROJECT LOC. (state): MI | SAMPLER(s) NAME: Denahan/Mueller | PHONE: 561-750-3733 | FAX: 561-395-6715

CLIENT NAME: BBL | CLIENT PROJECT MANAGER: Barbara Sullivan

CLIENT ADDRESS (CITY, STATE, ZIP): 605 NW Spanish River Blvd, Boca Raton, FL 33431

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (oil, solvent, etc)	REQUIRED ANALYSES: 8010	NUMBER OF CONTAINERS SUBMITTED
9/16	1325		TRIP BLK				✓	✓	3
9/16	1335		EQ BLK				✓	✓	3
9/16	—		DUP.				✓	✓	3
9/16	1437		MW-12				✓	✓	3
9/16	1453		MW-13				✓	✓	3
9/16	1516		MW-14				✓	✓	3

PAGE 1 OF 1

☐ STANDARD REPORT DELIVERY

☒ EXPEDITED REPORT DELIVERY (surcharge) — Date Due: _____

REMARKS: 24 HR TAT

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[illegible]	9/16/96		FEDEX		
FEDEX	9/17/96	1000	Chris Denahan	9/18/96	1000

RELINQUISHED BY: (SIGNATURE) _____ DATE _____ TIME _____ RECEIVED BY: (SIGNATURE) _____ DATE _____ TIME _____

RELINQUISHED BY: (SIGNATURE) _____ DATE _____ TIME _____ RECEIVED BY: (SIGNATURE) _____ DATE _____ TIME _____

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY SEALS INTACT?	LAB NO.
[illegible]	9/19/96	9:30	☐ YES ☐ NO	D672186

TOTAL P. 02

SAVANNAH LABS 954 421 7-00 P.02

11-SEP-96 12:33

ECI
ENVIRONMENTAL COMPLIANCE, INC.

35526 Grand River Ave., Suite 151 • Farmington Hills, MI 48335 • Phone (810) 557-2707 • Fax (810) 528-5174

Blasland, Bouck & Lee
185 N. W. Spanish River Blvd.
Suite 110
Boca Raton FL 33431

Attn: Ms. Barbara Sullivan

DATE: September 13, 1996

REPORT NO: 058686

P.O. NO.: 48043

INVOICE NO: 007517

WORK REQUESTED

Chemical Analysis per EPA SW-846/Method 8260 (SW) for Halogenated Volatile Organic Compounds (HVOC) Including Vinyl Chloride and Dichloroethane (DCE)/QA-QC Analysis

DESCRIPTION OF SAMPLE

Seven (7) samples reported to be "Ground Water" and identified as Cool, 9/12/96, Grab and:

(1) EQ Blank
(2) Trip Blank
(3) TMW-9
(4) TMW-10
(5) TMW-11
(6) T2
(7) T3

CHEMICAL ANALYSIS (SW)

I. HVOC/Vinyl Chloride/DCE

(µg/L)

Parameter	TMW-9	TMW-10	TMW-11	MDEQ Detection Limits
Benzyl chloride	<1	<1	<1	1
Bromobenzene	<1	<1	<1	1
Bromodichloromethane	<1	<1	<1	1
Bromoform	<1	<1	<1	1
Bromomethane	<1	<1	<1	1
Carbon tetrachloride	<1	<1	<1	1
Chlorobenzene	<1	<1	<1	1
Chloroethane	<1	<1	<1	1
2-Choroethyl vinyl ether	<1	<1	<1	1
Chloroform	<1	<1	<1	1
Chloromethane	<1	<1	<1	1

TEST RESULTS ARE APPLICABLE ONLY TO ITEMS TESTED.

ECI

ENVIRONMENTAL COMPLIANCE, INC.

I. HVOC/Vinyl Chloride/DCE

(µg/L)

Parameter	TMW-9	TMW-10	TMW-11	MDEQ Detection Limits
Chloromethylmethyl ether	<1	<1	<1	1
Chlorotoluene	<1	<1	<1	1
Dibromochloromethane	<1	<1	<1	1
Dibromomethane	<1	<1	<1	1
1,2-Dichlorobenzene	<1	<1	<1	1
1,3-Dichlorobenzene	<1	<1	<1	1
1,4-Dichlorobenzene	<1	<1	<1	1
Dichlorodifluoromethane	<1	<1	<1	1
1,1-Dichloroethane	<1	<1	<1	1
1,2-Dichloroethane	<1	<1	<1	1
1,1-Dichloroethylene	3	2	<1	1
cis-1,2-Dichloroethylene	2,880	7,130	1	1
trans-1,2-Dichloroethylene	35	301	<1	1
Dichlorormethane	<1	<1	<1	1
1,2-Dichloropropane	<1	<1	<1	1
trans-1,3-Dichloropropylene	<1	<1	<1	1
1,1,2,2-Tetrachloroethane	<1	<1	<1	1
1,1,1,2-Tetrachloro ethane	<1	<1	<1	1
Tetrachloroethylene	<1	<1	<1	1
1,1,1-Trichloroethane	<1	<1	<1	1
1,1,2-Trichloroethane	<1	<1	<1	1
Trichloroethylene	221	<1	<1	1
Trichlorofluoromethane	<1	<1	<1	1
Trichlororpropane	<1	<1	<1	1
Vinyl chloride	9,640	4,890	3,185	1

(µg/L)

Parameter	T2	T3	EQ Blank	Trip Blank	MDEQ Detection Limits
Benzyl chloride	<1	<1	<1	<1	1
Bromobenzene	<1	<1	<1	<1	1
Bromodichloromethane	<1	<1	<1	<1	1
Bromoform	<1	<1	<1	<1	1
Bromomethane	<1	<1	<1	<1	1
Carbon tetrachloride	<1	<1	<1	<1	1

ECI

ENVIRONMENTAL COMPLIANCE, INC.

I. HVOC/Vinyl Chloride/DCE, Continued

(µg/L)

Parameter	T2	T3	EQ Blank	Trip Blank	MDEQ Detection Limits
Chlorobenzene	<1	<1	<1	<1	1
Chloroethane	<1	<1	<1	<1	1
2-Choroethyl vinyl ether	<1	<1	<1	<1	1
Chloroform	<1	<1	<1	<1	1
Chloromethane	<1	<1	<1	<1	1
Chloromethylmethyl ether	<1	<1	<1	<1	1
Chlorotoluene	<1	<1	<1	<1	1
Dibromochloromethane	<1	<1	<1	<1	1
Dibromomethane	<1	<1	<1	<1	1
1,2-Dichlorobenzene	<1	<1	<1	<1	1
1,3-Dichlorobenzene	<1	<1	<1	<1	1
1,4-Dichlorobenzene	<1	<1	<1	<1	1
Dichlorodifluoromethane	<1	<1	<1	<1	1
1,1-Dichloroethane	<1	<1	<1	<1	1
1,2-Dichloroethane	<1	<1	<1	<1	1
1,1-Dichloroethylene	9	16	<1	<1	1
cis-1,2-Dichloroethylene	1,069	1,680	<1	<1	1
trans-1,2-Dichloroethylene	33	307	<1	<1	1
Dichlorormethane	<1	<1	71	<1	1
1,2-Dichloropropane	<1	<1	<1	<1	1
trans-1,3-Dichloropropylene	<1	<1	<1	<1	1
1,1,2,2-Tetrachloroethane	<1	<1	<1	<1	1
1,1,1,2-Tetrachloro ethane	<1	<1	<1	<1	1
Tetrachloroethylene	<1	<1	<1	<1	1
1,1,1-Trichloroethane	<1	<1	<1	<1	1
1,1,2-Trichloroethane	1	<1	<1	<1	1
Trichloroethylene	1	21	<1	<1	1
Trichlorofluoromethane	<1	<1	<1	<1	1
Trichlororpropane	<1	<1	<1	<1	1
Vinyl chloride	1,450	1,290	<1	<1	1

Date of Analysis: 9/12/96 Analyst: Bryce G. McHale

TEST RESULTS ARE APPLICABLE ONLY TO ITEMS TESTED.

II. QA/QC Analysis

Volatiles QA/QC Data
Spiked Sample: TW-3

Parameter	Sample Results (ug/L)	Spike Added	Matrix Spike Results	Percent Recovery	Matrix Spike Duplicate Result	Percent Recovery	Relative Percent Difference
1,1 Dichloroethene	16	10	26	100	18	20	36.4
Benzene	15	10	28	130	23	80	19.6
Trichloroethene	21	10	36	150	22	10	48.3
Toluene	0	10	14	140	9	90	43.5
Chlorobenzene	0	10	15	150	10	100	40.0

REMARKS

Chain of Custody document enclosed

ENVIRONMENTAL COMPLIANCE, INC.

Lance Stokes, PhD

LS/lar
058686

CHAIN OF CUSTODY RECORD

ECI
ENVIRONMENTAL COMPLIANCE, INC.

35526 Grand River Ave., Suite 151 • Farmington Hills, MI 48335 • Phone (810) 557-2707 • Fax (810) 528-5174

Date: Sept 12, 1996

Page 1 of 1

Purchase Order No.: 48043.001 | Reference No.: 48043.001

SEND INVOICE TO
Name: Barbara Sullivan
Company: Blasland, Bouck & Lee | Dept.
Address: 165 Spanish River Blvd. Suite 110
City, State, Zip: Boca Raton, FL 33431

REPORT RESULTS TO
Name: Barbara Sullivan | Title
Company: Blasland, Bouck & Lee
Mailing Address: 165 Spanish River Blvd. Suite 110
City, State, Zip: Boca Raton, FL 33431
Telephone No.: 561-750-3733 | Fax No.: 561-395-6715

Special Instructions:
24 HR Rush on TMW-9, TMW-10 & TMW-11 per Chuck. All analyses will begin tonight on all samples

Sampler: Carol Lenahan / Mike Mueller

ANALYSIS REQUESTED

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE/ GRAB	PRESERVATIVES	Number of Containers	EDD	EDD/8020	Remarks (matrix)
FD BLK	9/12/96	Grab	HCl	1	✓		24 HR (water)
Trip BLK	9/12/96	Grab	—	1	✓		24 HR (water)
TMW-9	9/12/96	Grab	—	2	✓		24 HR
TMW-10	9/12/96	Grab	—	2	✓		24 HR
TMW-11	9/12/96	Grab	—	2	✓		24 HR
T2	9/12/96	Grab	—	2		✓	10 DAY (water)
T3	9/12/96	Grab	—	2		✓	10 DAY (water)

Relinquished by:		Received by: Carol Lenahan	Date/Time 9/12/96 1200
Relinquished by: Carol Lenahan 1630	Date/Time 9/12/96	Received by: [illegible]	Date/Time 9/13/96 10:??
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment: Drop off to lab

Authorized by: Carol Lenahan Date 9/12/96
(Client Signature Must Accompany Request)

Rush	5 Working Days	10 Working Days	Sampling Location:
X 3 samples		X 4 samples	Willow Run CAT Site CMM Plant

Distribution: White - ECI Yellow - ECI Pink - Sampler Goldenrod - Client

24 hr.

Appendix D

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Phase II Environmental Site Investigation

TABLE D-1

FIELD SCREENING RESULTS SUMMARY
ORGANIC VAPOR CONCENTRATIONS

PAOC2 - FORMER SOUTH CULVERT AREA

WILLOW RUN ASSEMBLY PLANT
YPSILANTI, MICHIGAN

Sample Identification	Depth BGS (feet)	Sampling Date	Organic Vapor Concentrations (ppm)	
			PID Results	FID Results
SB-2-1	1-3	06/08/95	0.4	27.5
	3-5		0.5	5.4
	5-7		1.1	27.1
	7-9		0.7	14.8
	9-11		0.8	1460.8
	11-13		20.9	769.0
SB-2-2	1-3	06/08/95	0.1	4.7
	3-5		0.1	4.7
	5-7		0.1	4.5
	7-9		0.0	4.1
	9-11		0.1	5.2
	11-13		0.1	7.9
SB-2-3A	1-3	06/08/95	0.2	5.1
	3-5		1.0	38.5
SB-2-3B	1-3	06/08/95	0.2	5.3
SB-2-4	1-3	06/08/95	0.3	19.8
	3-5		0.1	5.5
	5-7		0.0	4.9
	7-9		0.0	4.5
	9-11		0.1	8.1
	11-13		0.4	41.5
SB-2-5	1-3	06/09/95	0.3	6.2
	3-5		1.2	10.8
	5-6.5		0.5	4.4
SB-2-6	1-3	06/08/95	0.3	10.1
	3-5		0.4	11.1
	5-7		0.0	6.5
	7-9		0.0	5.4
	9-11		0.3	85.8
	11-13		0.5	73.5
SB-2-7	1-3	06/09/95	0.2	4.3
	3-5		0.2	4.3
	5-7		0.1	5.4
	7-9		0.3	4.5

Notes:
ppm - parts per million
PID - photo-ionization detector
BGS - below ground surface
FID - flame-ionization detector

TABLE D-1 (continued)

FIELD SCREENING RESULTS SUMMARY
ORGANIC VAPOR CONCENTRATIONS

PAOC2 - FORMER SOUTH CULVERT AREA

WILLOW RUN ASSEMBLY PLANT
YPSILANTI, MICHIGAN

Sample Identification	Depth BGS (feet)	Sampling Date	Organic Vapor Readings (ppm)	
			PID Results	FID Results
SB-2-7	9-11	06/09/95	0.2	6.4
	11-13		0.0	4.1
SB-2-8	1-3	06/08/95	0.3	6.1
	3-5		0.2	5.2
	5-7		0.2	4.6
	7-9		0.4	4.4
	9-11		0.3	5.6
	11-13		0.4	5.8
SB-2-9	1-3	06/08/95	0.5	7.1
	3-5		0.6	6.0
	5-7		0.6	9.2
	7-9		0.4	4.8
	9-11		0.8	12.0
	11-13		0.4	5.6
SB-2-10	1-3	06/08/95	0.6	7.2
	3-5		0.8	8.9
	5-7		2.4	26.9
	8-12		1.0	760.5
SB-2-11	1-3	06/08/95	1.3	15.8
	3-5		0.8	7.4
	5-7		0.8	7.5
	7-9		0.7	5.7
SB-2-12	1-3	06/09/95	0.4	5.1
	3-5		0.2	4.4
	5-7		0.7	12.3
	7-9		0.2	4.2
	9-11		0.3	4.4
	11-13		0.2	3.8
	13-15		0.3	4.0
SB-2-13	1-3	06/09/95	0.1	3.9
	3-5		0.1	3.8
	5-7		0.1	3.9
	7-9		0.1	3.7
	9-11		0.2	4.1
	11-13		0.9	20.6

Notes:
ppm - parts per million
PID - photo-ionization detector
BGS - below ground surface
FID - flame-ionization detector

TABLE D-1 (continued)

FIELD SCREENING RESULTS SUMMARY
ORGANIC VAPOR CONCENTRATIONS

PAOC2 - FORMER SOUTH CULVERT AREA

WILLOW RUN ASSEMBLY PLANT
YPSILANTI, MICHIGAN

Sample Identification	Depth BGS (feet)	Sampling Date	Organic Vapor Readings (ppm)	
			PID Results	FID Results
SB-2-14	1-3	06/08/95	1.1	7.6
	3-5		1.8	15.2
	5-7		1.6	16.0
	7-12		2.0	28.0
SB-2-15	1-3	06/09/95	0.1	3.9
	3-5		0.2	5.2
	5-9		0.1	4.1
	9-13		0.5	5.8
	13-17		0.6	8.0

Notes:
ppm - parts per million
PID - photo-ionization detector
BGS - below ground surface
FID - flame-ionization detector

TABLE D-2

FIELD SCREENING RESULTS SUMMARY
PCB IMMUNOASSAY RESULTS

PAOC2 - FORMER SOUTH CULVERT AREA

WILLOW RUN ASSEMBLY PLANT
YPSILANTI, MICHIGAN

Sample Identification	Depth BGS (feet)	Sampling Date	Result	Interpretation
SB-2-1	11-13	09-Jun-95	-0.22	Positive
SB-2-2	11-12	09-Jun-95	-0.18	Positive
SB-2-3	4-5	09-Jun-95	-0.01	Positive
SB-2-4	11-12	09-Jun-95	0.12	BDL
SB-2-5	3-5	09-Jun-95	0.41	BDL
SB-2-6	11-13	09-Jun-95	-0.06	Positive
SB-2-7	9.5-13	09-Jun-95	0.26	BDL
SB-2-8	11-13	09-Jun-95	0.61	BDL
SB-2-9	9-11	09-Jun-95	0.56	BDL
SB-2-10	8.5-12.5	09-Jun-95	0.03	BDL
SB-2-11	8.5-9	09-Jun-95	-0.14	Positive
SB-2-12	13-15	09-Jun-95	0.21	BDL
SB-2-13	11-13	09-Jun-95	-0.35	Positive
SB-2-14	7-12	09-Jun-95	0.07	BDL
SB-2-15	13-17	09-Jun-95	-0.88	Positive
SB-2-15	9-13	09-Jun-95	-0.85	Positive

Notes:
BDL - below detection limit
BGS - below ground surface
Detection limit:
- Aroclor 1248 1.0 ppm
- Aroclor 1254 0.4 ppm
- Aroclor 1260 0.4 ppm
- Aroclor 1242 2.0 ppm
- Aroclor 1232 4.0 ppm
- Aroclor 1016 4.0 ppm

TABLE D-3

FIELD SCREENING RESULTS SUMMARY
ORGANIC COMPOUNDS DETECTED BY GC

PAOC2 - FORMER SOUTH CULVERT AREA

WILLOW RUN ASSEMBLY PLANT
YPSILANTI, MICHIGAN

Sample Identification	Depth BGS (feet)	Sampling Date	Injection Volume	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylene (ppb)
Syringe Blank	NA	08-Jun-95	100 uL	ND	ND	ND	ND
SB-2-1	9-11	08-Jun-95	25 uL	ND	ND	ND	ND
SB-2-2	11-13	08-Jun-95	100 uL	ND	ND	ND	ND
SB-2-4	11-13	09-Jun-95	100 uL	ND	ND	ND	ND
SB-2-5	3-5	09-Jun-95	100 uL	ND	ND	ND	ND
SB-2-6	11-13	08-Jun-95	100 uL	8.9	1500	NA	NA
SB-2-7	11-13	09-Jun-95	100 uL	ND	ND	ND	ND
SB-2-10	8-12	08-Jun-95	100 uL	ND	ND	ND	ND
SB-2-12	13-15	09-Jun-95	100 uL	ND	ND	ND	ND
SB-2-13	11-13	09-Jun-95	100 uL	ND	ND	ND	ND
SB-2-14	7-12	09-Jun-95	100 uL	ND	ND	ND	ND
SB-2-15	13-17	09-Jun-95	100 uL	ND	ND	ND	ND

tes:
ND - not detected
NA - not available
BGS - below ground surface
uL - microliters
ppb - parts per billion

TABLE D-4

FIELD SCREENING RESULTS SUMMARY
ORGANIC VAPOR CONCENTRATIONS

PAOC3 - NORTH HYDRAULIC ELEVATOR PIT

WILLOW RUN ASSEMBLY PLANT
YPSILANTI, MICHIGAN

Sample Identification	Depth BGS (feet)	Sampling Date	Organic Vapor Concentrations (ppm)			
			PID Results	FID Results	PID Filtered Results	FID Filtered Results
SB-3-1	0-2	06/05/95	1.7	8.0	NA	NA
	2-4		1.7	6.7	NA	NA
	4-6		1.7	5.8	NA	NA
	6-8		1.6	5.8	NA	NA
	8-10		1.5	5.4	NA	NA
	10-13		3.7	14256.5	0.4	3458.7
SB-3-2	0-2	06/05/95	1.6	8.5	NA	NA
	2-4		3.4	11.2	NA	NA
	4-6		2.1	7.4	NA	NA
	6-8		3.6	7.3	NA	NA
	8-10		2.2	8.1	NA	NA
	10-13		3.7	20.1	0.4	11.9
SB-3-3	0-2	06/05/95	2.0	7.6	NA	NA
	2-4		1.4	7.0	NA	NA
	4-6		1.5	5.8	NA	NA
	6-8		1.2	5.7	NA	NA
	8-10		1.4	6.9	NA	NA
	10-13		14.5	126.2	0.4	16.9
SB-3-4	0-2	06/05/95	2.0	6.2	NA	NA
	2-4		1.7	7.6	NA	NA
	4-6		1.7	9.4	NA	NA
	6-8		1.4	9.2	NA	NA
	8-10		1.4	8.6	NA	NA
	10-13		1.9	9.3	0.5	4.5

Notes:
ppm - parts per million
PID - photo-ionization detector
FID - flame-ionization detector
BGS - below ground surface
NA - not analyzed

TABLE D-5

FIELD SCREENING RESULTS SUMMARY
ORGANIC VAPOR CONCENTRATIONS

PAOC6 - FORMER AERATION BASIN

WILLOW RUN ASSEMBLY PLANT
YPSILANTI, MICHIGAN

Sample Identification	Depth BGS (feet)	Sampling Date	Organic Vapor Concentrations (ppm)	
			PID Results	FID Results
SB-6-1	1-3	06/10/95	0.3	4.3
	3-5		0.2	4.2
	5-7		0.3	3.5
	7-9		0.2	3.7
	9-11		0.3	4.3
	11-13		0.1	3.5
	13-15		0.3	7.1
	15-17		0.2	3.6
SB-6-2	1-3	06/10/95	0.5	7.3
	3-5		0.2	3.6
	5-7		0.4	5.1
	7-9		0.1	3.3
	9-11		0.3	4.4
	11-13		0.3	3.4
	13-15		0.2	3.9
SB-6-3	1-3	06/10/95	0.2	3.3
	3-5		0.3	3.1
	5-7		0.8	6.4
	7-9		1.6	9.5
	9-11		0.7	4.9
	11-13		0.4	3.6
	13-15		0.2	3.4
	15-16		0.1	3.5
SB-6-4	1-3	06/09/95	0.5	4.2
	3-5		0.2	3.8
	5-7		0.4	3.9
	7-9		0.4	4.0
	9-11		0.1	5.2
	11-13		0.1	4.1
	13-15		0.1	7.7
	15-16.5		0.2	9.4
SB-6-5	1-3	06/09/95	1.3	183.1
	3-5		0.8	1051.7
	5-7		2.0	118.9
	7-9		0.1	5.1

Notes:
ppm - parts per million
PID - photo-ionization detector
FID - flame-ionization detector
BGS - below ground surface

TABLE D-5 (continued)

FIELD SCREENING RESULTS SUMMARY
ORGANIC VAPOR CONCENTRATIONS

PAOC6 - FORMER AERATION BASIN

WILLOW RUN ASSEMBLY PLANT
YPSILANTI, MICHIGAN

Sample Identification	Depth BGS (feet)	Sampling Date	Organic Vapor Concentrations (ppm)	
			PID Results	FID Results
SB-6-5	9-11	06/09/95	0.5	41.7
	11-13		0.3	6.1
	13-15		0.1	5.2
SB-6-6	1-3	06/09/95	0.4	5.9
	3-5		0.2	3.8
	5-7		0.2	4.2
	7-9		0.2	4.1
	9-11		0.4	6.1
	11-13		0.2	4.7
	13-14.5		0.3	6.6
SB-6-7	1-3	06/09/95	0.4	5.2
	3-5		0.1	3.7
	5-7		0.3	4.5
	7-9		0.1	3.7
	9-11		0.2	5.7
	11-13		0.2	3.9
	13-14.5		0.2	4.3
SB-6-8	0-2	06/10/95	0.3	3.3
	2-4		0.2	3.0
	4-6		0.3	3.4
	6-8		0.3	3.2
	8-10		1.3	15.8
	10-12		0.3	3.5
	12-14		0.4	22.4
SB-6-9	0-2	06/10/95	0.1	3.1
	2-4		0.1	3.1
	4-6		0.1	3.3
	6-8		0.2	18.1
	8-10		0.3	9.0
	10-12		0.2	4.6
	12-14		0.1	6.0
SB-6-10	0-2	06/10/95	0.5	3.6
	2-4		0.3	3.3
	4-8		0.4	4.6
	8-10		0.6	159.2
	10-12		0.3	5.4

Notes:
ppm - parts per million
PID - photo-ionization detector
FID - flame-ionization detector
BGS - below ground surface

TABLE D-6

FIELD SCREENING RESULTS SUMMARY
PCB IMMUNOASSAY RESULTS

PAOC6 - FORMER AERATION BASIN

WILLOW RUN ASSEMBLY PLANT
YPSILANTI, MICHIGAN

Sample Identification	Depth BGS (feet)	Sampling Date	Result	Interpretation
SB-6-1	15-17	10-Jun-95	0.49	BDL
SB-6-2	13-15	10-Jun-95	0.41	BDL
SB-6-3	5-7	10-Jun-95	0.12	BDL
SB-6-4	15-16.5	10-Jun-95	-0.26	Positive
SB-6-5	13-15	10-Jun-95	-0.23	Positive
SB-6-6	11-13	10-Jun-95	0.98	BDL
SB-6-7	7-9	10-Jun-95	0.83	BDL
SB-6-8	12-14	10-Jun-95	0.93	BDL
SB-6-8DUP	12-14	10-Jun-95	1.01	BDL
SB-6-9	12-14	10-Jun-95	0.88	BDL
SB6-10	8-10	10-Jun-95	0.88	BDL

Notes:
BDL - below detection limit
BGS - below ground surface
Detection limit:
Aroclor 1248 1.0 ppm
Aroclor 1254 0.4 ppm
Aroclor 1260 0.4 ppm
Aroclor 1242 2.0 ppm
Aroclor 1232 4.0 ppm
Aroclor 1016 4.0 ppm

TABLE D-7

FIELD SCREENING RESULTS SUMMARY
ORGANIC COMPOUNDS DETECTED BY GC

PAOC6 - FORMER AERATION BASIN

WILLOW RUN ASSEMBLY PLANT
YPSILANTI, MICHIGAN

Sample Identification	Depth BGS (feet)	Sampling Date	Injection Volume	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylene (ppb)	Unkwown Chromatographic Peaks
SB-6-1	15-17	10-Jun-95	100 uL	ND	ND	ND	ND	ND
SB-6-3	7-9	10-Jun-95	100 uL	ND	ND	ND	ND	few, small
SB-6-3	3-5	10-Jun-95	100 uL	ND	ND	ND	ND	ND
SB-6-4	15-16.5	09-Jun-95	100 uL	ND	ND	ND	ND	ND
SB-6-4	9-11	10-Jun-95	100 uL	ND	ND	ND	ND	ND
SB-6-5	9-11	09-Jun-95	100 uL	ND	ND	ND	ND	few, small
SB-6-5	5-7	09-Jun-95	100 uL	5	15	ND	ND	several, medium
SB-6-6	13-14	09-Jun-95	100 uL	ND	ND	ND	ND	few, small
SB-6-6DUP	13-14	09-Jun-95	100 uL	ND	ND	ND	ND	few, small
SB-6-6	9-11	09-Jun-95	100 uL	ND	ND	ND	ND	few, small
SB-6-8	8-10	10-Jun-95	100 uL	ND	145	600	37	several, small
SB-6-9	12-14	10-Jun-95	100 uL	ND	ND	ND	ND	several, large
SB-6-9	8-10	10-Jun-95	100 uL	ND	ND	ND	ND	ND
SB-6-10	10-12	10-Jun-95	100 uL	ND	ND	ND	ND	ND
SB-6-10	8-10	10-Jun-95	100 uL	ND	ND	ND	ND	ND
SB-6-7	7-9	10-Jun-95	100 uL	ND	ND	ND	ND	ND
SB-6-7DUP	7-9	10-Jun-95	100 uL	ND	ND	ND	ND	ND
SB-6-7	11-13	10-Jun-95	100 uL	ND	ND	ND	ND	ND

Notes:
ND - not detected
BGS - below ground surface
uL - microliters
ppb - parts per billion

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TABLE D-8

FIELD SCREENING RESULTS SUMMARY
PNA IMMUNOASSAY RESULTS

PAOC7 - KAISER-FRAZER CINDER STORAGE AREA

WILLOW RUN ASSEMBLY PLANT
YPSILANTI, MICHIGAN

Sample Identification	Depth BGS (feet)	Sampling Date	Result	Interpretation
SB-7-1	16-18	10-Jun-95	-0.66	Positive
SB-7-2	18-20	10-Jun-95	-0.68	Positive

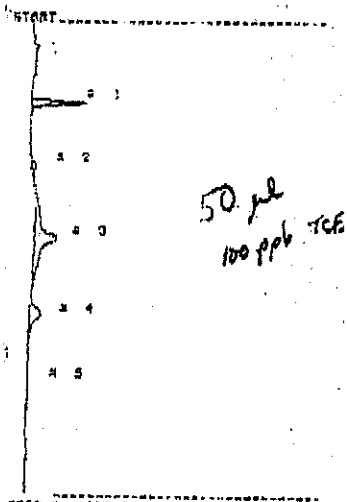
Notes:
BDL - below detection limit
BGS - below ground surface
Detection limit:
Total PNA 1.0 ppm

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To SVEN	From DEREK
Co.	Co.
Dept.	Phone #

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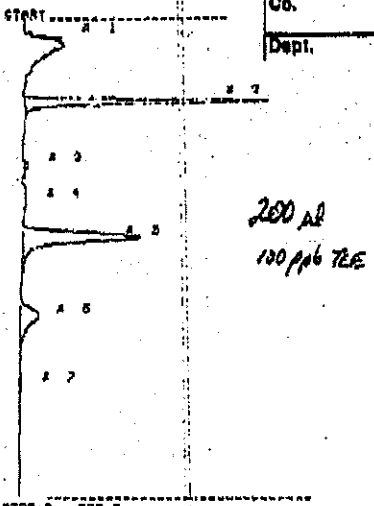


50 µl
100 ppb TCE

STOP @ 600.0
SAMPLE LIBRARY 1 APR 17 1996 13114
ANALYSIS # 8
INTERNAL TEMP 27
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	140.2	1.2 US
UNKNOWN	2	257.3	188.8 nVS
UNKNOWN	3	572.8	2.2 US
UNKNOWN	4	591.8	594.4 nVS

PHOTOVAC

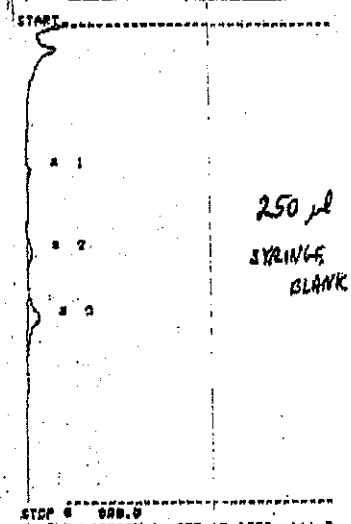


200 µl
100 ppb TCE

STOP @ 600.0
SAMPLE LIBRARY 1 APR 17 1996 13148
ANALYSIS # 5
INTERNAL TEMP 27
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	58.9	135.1 nVS
UNKNOWN	2	145.8	8.7 US
UNKNOWN	3	254.3	181.0 nVS
UNKNOWN	5	574.8	7.1 US
UNKNOWN	6	587.8	1.9 US
UNKNOWN	7	618.8	143.1 nVS

PHOTOVAC

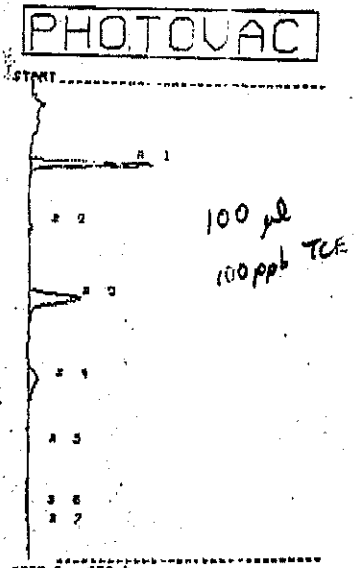


250 µl
SYRINGE BLANK

STOP @ 600.0
SAMPLE LIBRARY 1 APR 17 1996 141 8
ANALYSIS # 2
INTERNAL TEMP 27
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	263.4	428.2 nVS
UNKNOWN	3	456.8	1.2 US

PHOTOVAC

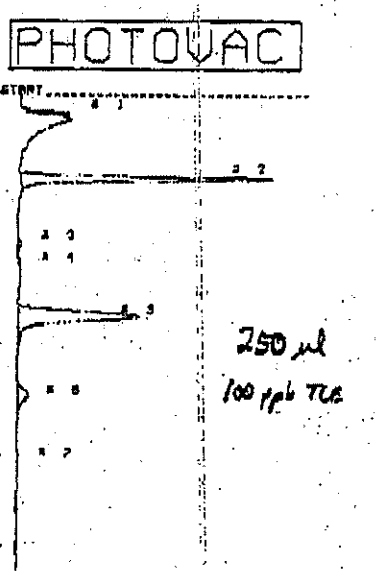


100 µl
100 ppb TCE

STOP @ 600.0
SAMPLE LIBRARY 1 APR 17 1996 13118
ANALYSIS # 1
INTERNAL TEMP 27
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	140.1	3.8 US
UNKNOWN	3	572.8	2.8 US
UNKNOWN	4	588.8	1.0 US

PHOTOVAC

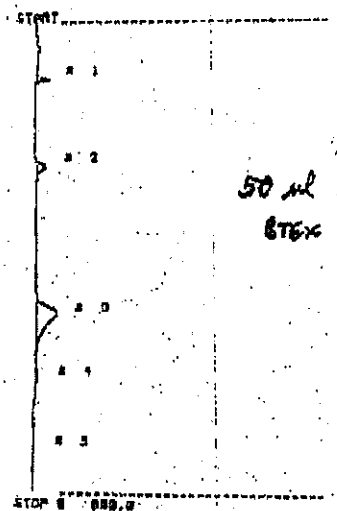


250 µl
100 ppb TCE

STOP @ 600.0
SAMPLE LIBRARY 1 APR 17 1996 13154
ANALYSIS # 6
INTERNAL TEMP 27
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	58.9	167.4 nVS
UNKNOWN	2	142.7	7.1 US
UNKNOWN	3	254.3	115.1 nVS
UNKNOWN	5	574.8	7.2 US
UNKNOWN	6	595.8	528.8 nVS

PHOTOVAC



50 µl
BTEX

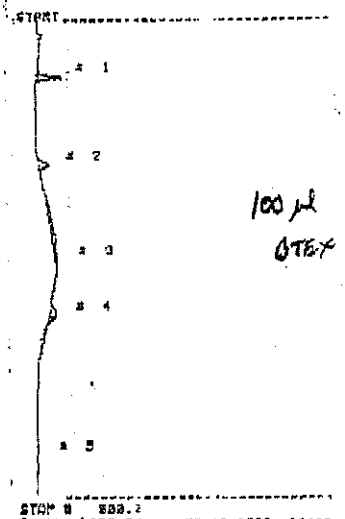
STOP @ 600.0
SAMPLE LIBRARY 1 APR 17 1996 14127
ANALYSIS # 8
INTERNAL TEMP 27
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	139.8	165.2 nVS
UNKNOWN	2	252.8	588.3 nVS
UNKNOWN	3	584.8	2.6 US
UNKNOWN	4	614.5	145.8 nVS

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ENGINEERS & SCIENTISTS

OJ. NO.

PHCTOJAC

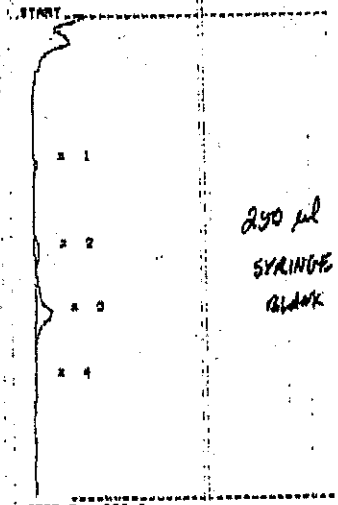


100 µl
BTEX

STOP # 888.2
SAMPLE LIBRARY 1 APR 17 1996 14:40
ANALYSIS # 9
INTERNAL TEMP 27
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	171.3	328.8 mVS
UNKNOWN	2	271.8	917.9 mVS
UNKNOWN	3	428.7	648.1 mVS
UNKNOWN	4	573.4	361.8 mVS

PHOTOVAC

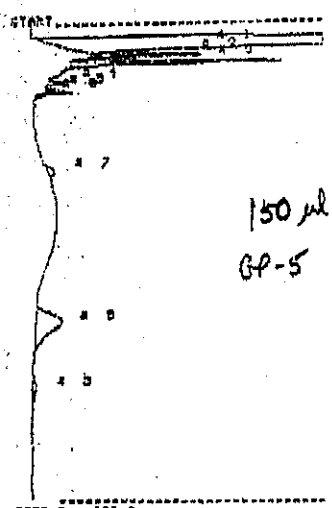


290 µl
SYRINGE
BLANK

STOP # 888.8
SAMPLE LIBRARY 1 APR 17 1996 15:15
ANALYSIS # 11
INTERNAL TEMP 27
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	181.8	132.3 mVS
UNKNOWN	2	287.1	448.7 mVS
UNKNOWN	3	481.3	7.1 US

PHOTOVAC

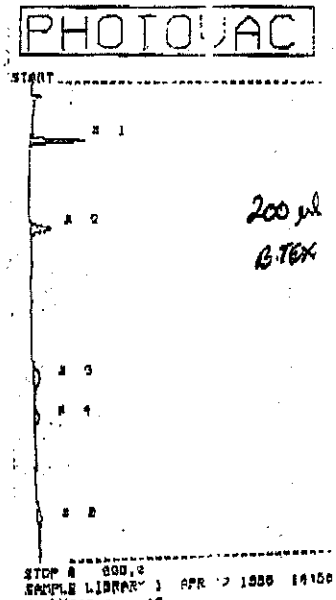


150 µl
GP-5

STOP # 888.8
SAMPLE LIBRARY 1 APR 17 1996 15:48
ANALYSIS # 13
INTERNAL TEMP 28
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	35.9	32.9 US
UNKNOWN	2	88.1	1.3 US
UNKNOWN	3	91.3	2.8 US
UNKNOWN	4	183.8	203.2 mVS
UNKNOWN	6	122.3	148.9 mVS
UNKNOWN	7	256.8	271.1 mVS
UNKNOWN	8	311.2	9.2 US
UNKNOWN	9	623.3	271.1 mVS

PHOTOVAC

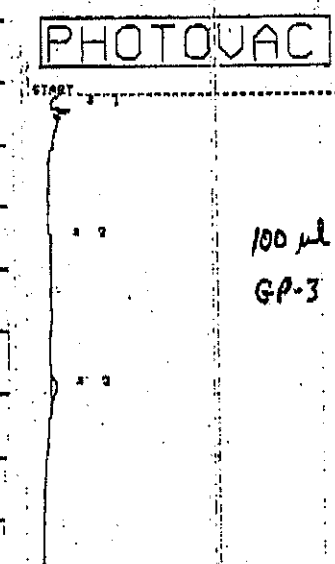


200 µl
B-TEX

STOP # 888.2
SAMPLE LIBRARY 1 APR 17 1996 14:58
ANALYSIS # 10
INTERNAL TEMP 27
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	32.3	859.4 mVS
UNKNOWN	2	112.8	882.4 mVS
UNKNOWN	3	234.8	593.9 mVS
UNKNOWN	4	455.1	387.8 mVS
UNKNOWN	5	738.9	256.2 mVS

PHOTOVAC

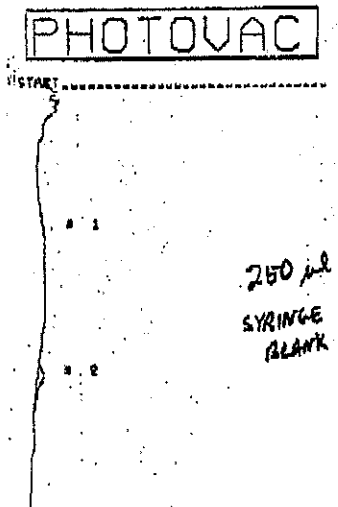


100 µl
GP-3

STOP # 888.8
SAMPLE LIBRARY 1 APR 17 1996 15:08
ANALYSIS # 12
INTERNAL TEMP 28
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	3	583.1	873.8 mVS

PHOTOVAC



250 µl
SYRINGE
BLANK

STOP # 888.8
SAMPLE LIBRARY 1 APR 17 1996 16:16
ANALYSIS # 14
INTERNAL TEMP 28
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	885.8	342.1 mVS

(2)

APR 19 '96 13:17 +10 C WILLOW RUN

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

SUBJECT	PROJ. NO.	BY	DATE	SHEET

PHOTOVAC

START

250 µl
GP-7

STOP @ 300.0
SAMPLE LIBRARY 1 APR 17 1996 18:45
ANALYSIS # 15
INTERNAL TEMP 38
GAIN 29

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	59.4	1.3 KUS
UNKNOWN	2	122.8	3.2 US
UNKNOWN	4	252.9	125.8 MUS
UNKNOWN	5	513.8	1.4 US

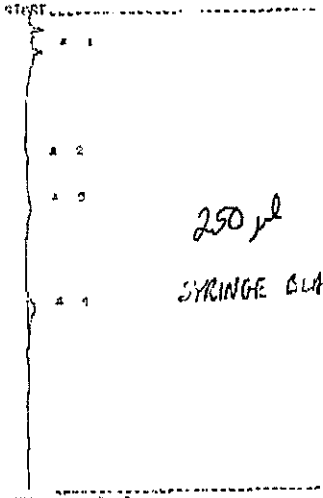
3

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

TO: SUEN (407) 395-6715

PROJ. NO.

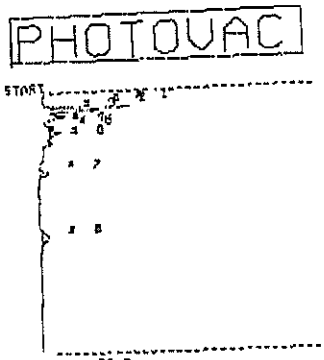
PHOTOVAC



STOP # 600.0
SAMPLE LIBRARY 1 APR 17 1996 17:2
ANALYSIS # 16
INTERNAL TEMP 25
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	4	201.3	872.8 nUS

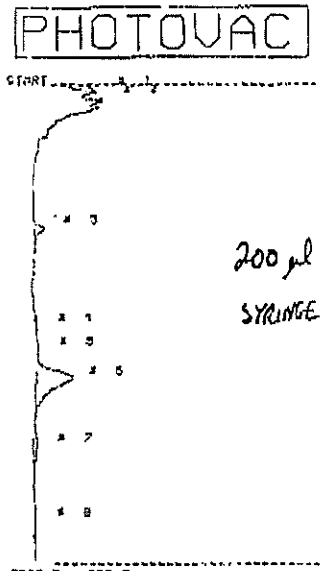
PHOTOVAC



STOP # 436.0
SAMPLE LIBRARY 1 APR 17 1996 17:43
ANALYSIS # 18
INTERNAL TEMP 25
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	30.8	516.3 nUS
UNKNOWN	5	78.3	136.7 nUS
UNKNOWN	7	145.4	327.7 nUS
UNKNOWN	8	254.8	327.8 nUS

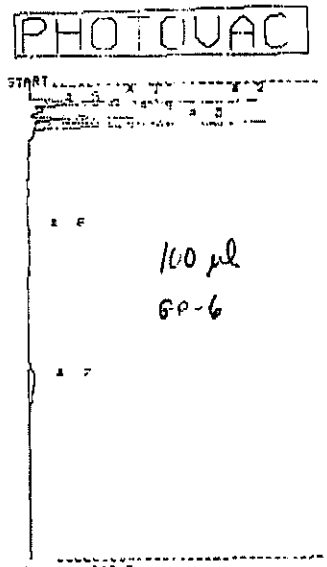
PHOTOVAC



STOP # 650.0
SAMPLE LIBRARY 1 APR 17 1996 18:24
ANALYSIS # 20
INTERNAL TEMP 25
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	15.4	419.7 nUS
UNKNOWN	3	251.3	419.2 nUS
UNKNOWN	6	393.1	4.1 US
UNKNOWN	7	513.4	318.5 nUS

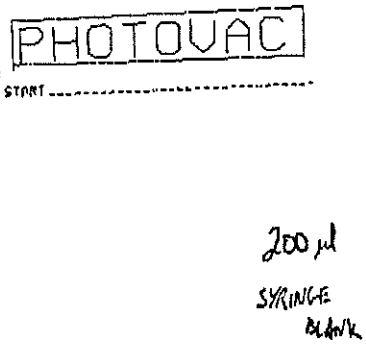
PHOTOVAC



STOP # 630.0
SAMPLE LIBRARY 1 APR 17 1996 17:17
ANALYSIS # 17
INTERNAL TEMP 25
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	28.8	616.2 nUS
UNKNOWN	2	32.4	2.7 US
UNKNOWN	4	56.7	1.0 US
UNKNOWN	6	69.2	2.3 US
UNKNOWN	7	503.8	865.1 nUS

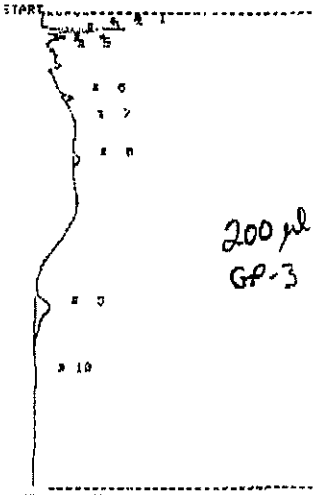
PHOTOVAC



STOP # 600.0
SAMPLE LIBRARY 1 APR 17 1996 18:5
ANALYSIS # 19
INTERNAL TEMP 25
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	252.8	254.6 nUS
UNKNOWN	3	381.4	1.5 US
UNKNOWN	4	501.3	2.8 US
UNKNOWN	5	614.5	124.8 nUS

PHOTOVAC

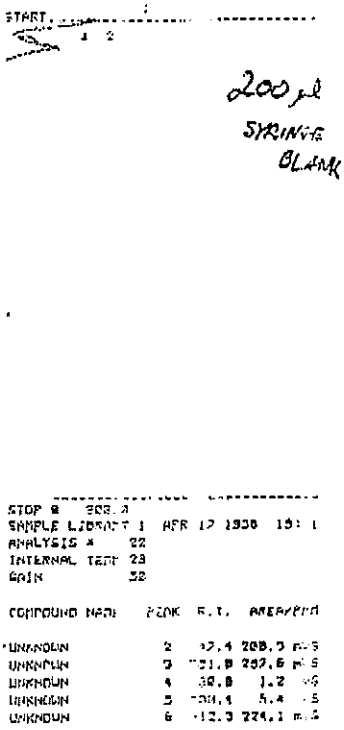


STOP # 650.0
SAMPLE LIBRARY 1 APR 17 1996 18:41
ANALYSIS # 21
INTERNAL TEMP 25
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	30.8	431.4 nUS
UNKNOWN	6	195.4	213.3 nUS
UNKNOWN	8	250.8	281.8 nUS
UNKNOWN	9	506.2	1.5 US

BLASLAND, BOUCK & LEE, INC.
ENGINEERS

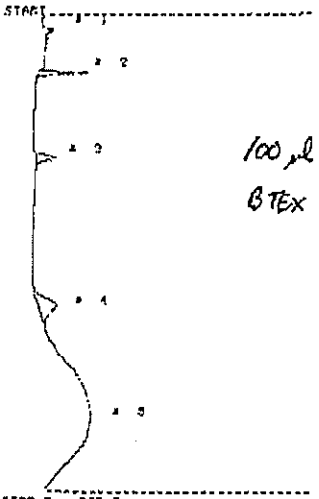
PHOTOVAC



STOP @ 900.0
SAMPLE LIBRARY 1 APR 17 1996 15:1
ANALYSIS # 22
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/FFD
UNKNOWN	2	12.4	208.5 nVS
UNKNOWN	3	21.8	252.6 nVS
UNKNOWN	4	30.8	1.2 VS
UNKNOWN	5	38.4	5.4 VS
UNKNOWN	6	42.3	224.1 nVS

PHOTOVAC

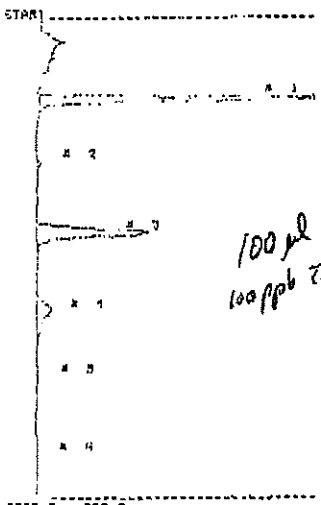


STOP @ 900.0
SAMPLE LIBRARY 1 APR 17 1996 13:00
ANALYSIS # 21
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/FFD
UNKNOWN	2	192.1	884.5 nVS
UNKNOWN	3	258.8	791.8 nVS
UNKNOWN	4	591.3	1.4 VS

DJ. NO.

PHOTOVAC

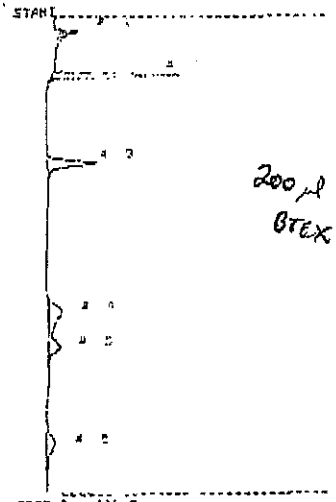


STOP @ 900.0
SAMPLE LIBRARY 1 APR 17 1996 20:0
ANALYSIS # 26
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/FFD
UNKNOWN	1	139.0	5.6 VS
UNKNOWN	2	258.8	100.7 nVS
UNKNOWN	3	382.2	5.8 VS
UNKNOWN	4	498.6	1.5 VS

ET

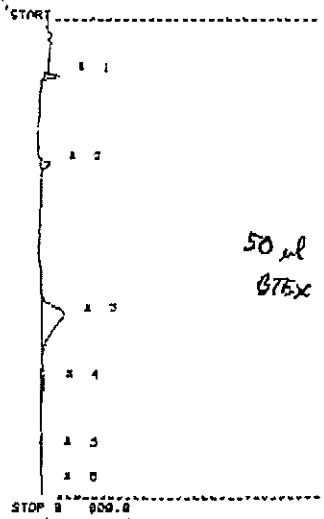
PHOTOVAC



STOP @ 900.0
SAMPLE LIBRARY 1 APR 17 1996 15:18
ANALYSIS # 20
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/FFD
UNKNOWN	2	183.5	2.2 VS
UNKNOWN	3	249.8	1.8 VS
UNKNOWN	4	382.7	1.8 VS
UNKNOWN	5	471.1	836.8 nVS
UNKNOWN	6	508.7	884.9 nVS

PHOTOVAC

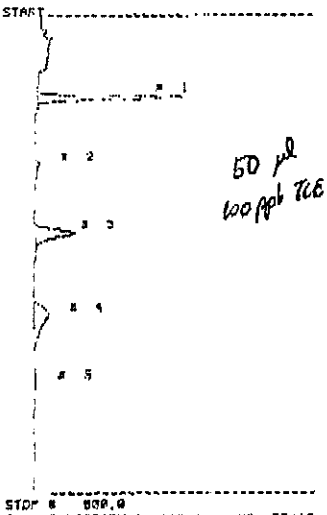


STOP @ 900.0
SAMPLE LIBRARY 1 APR 17 1996 19:43
ANALYSIS # 25
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/FFD
UNKNOWN	1	108.7	233.5 nVS
UNKNOWN	2	258.3	326.5 nVS
UNKNOWN	3	382.7	5.3 VS
UNKNOWN	4	615.6	131.4 nVS

239.9

PHOTOVAC



STOP @ 900.0
SAMPLE LIBRARY 1 APR 17 1996 20:15
ANALYSIS # 27
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/FFD
UNKNOWN	1	141.2	5.4 VS
UNKNOWN	2	254.3	128.2 nVS
UNKNOWN	3	379.5	1.9 VS
UNKNOWN	4	506.2	1.9 VS

(2)

BL[illegible]AND R[illegible]ERING INC

SUBJECT PHOTOVAC

	PROJ. NO.	BY	DATE	SHEET

START

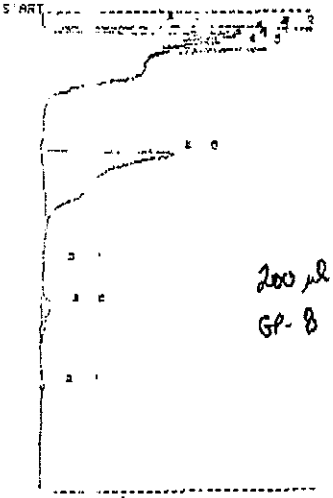
200 µl
SYRINGE
BLANK

STOP @ [illegible]
SAMPLE LIBRARY 1 APR 19 1996 20:31
ANALYSIS # 28
INTERNAL TEMP 25
GAIN 50

COMPOUND	TYPE	PEAK	R.T.	AREA/PPM
UNKNOWN		2	42.2	132.2 nVS
UNKNOWN		3	251.8	422.9 nVS
UNKNOWN		4	376.3	1.9 VS
UNKNOWN		5	502.2	8.1 VS
UNKNOWN		6	812.9	238.9 nVS

PHOTOVAC

START



200 µl
GP-B

STOP @ [illegible]
SAMPLE LIBRARY 1 APR 19 1996 20:46
ANALYSIS # 28
INTERNAL TEMP 25
GAIN 50

COMPOUND	TYPE	PEAK	R.T.	AREA/PPM
UNKNOWN		1	25.2	1.8 VS
UNKNOWN		2	33.8	7.1 VS
UNKNOWN		3	45.8	171.5 nVS
UNKNOWN		4	57.5	334.4 nVS
UNKNOWN		5	78.3	1.3 VS
UNKNOWN		6	248.9	18.6 VS
UNKNOWN		8	520.4	1.8 VS
UNKNOWN		9	632.1	272.3 nVS

(3)

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

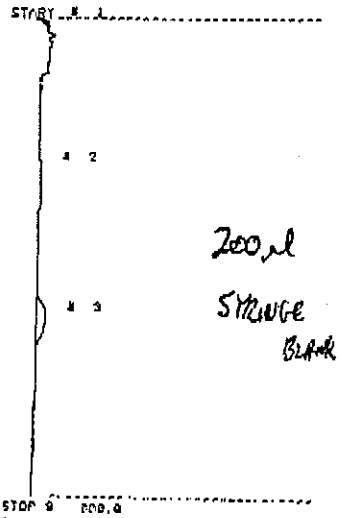
SVEN (407) 395-6715

SUBJECT

. NO

SHEET

PHOTOVAC

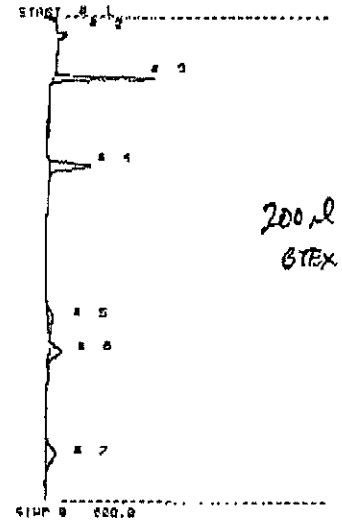


200 µl
SYRINGE
BLANK

STOP @ 600.0
SAMPLE LIBRARY 1 APR 28 1996 12:3
ANALYSIS # 35
INTERNAL TEMP 21
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/CONC
UNKNOWN	2	536.2	1.6 US

PHOTOVAC

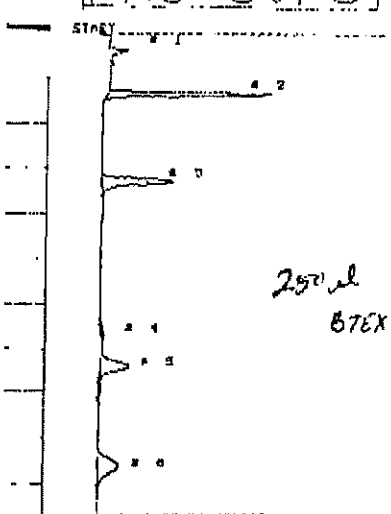


200 µl
BTEX

STOP @ 600.0
SAMPLE LIBRARY 1 APR 28 1996 12:58
ANALYSIS # 37
INTERNAL TEMP 21
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/CONC
UNKNOWN	1	100.9	1.8 US
UNKNOWN	4	250.8	1.5 US
UNKNOWN	5	538.1	486.6 pUS
UNKNOWN	6	565.1	721.8 pUS
UNKNOWN	7	705.4	918.2 pUS

PHOTOVAC

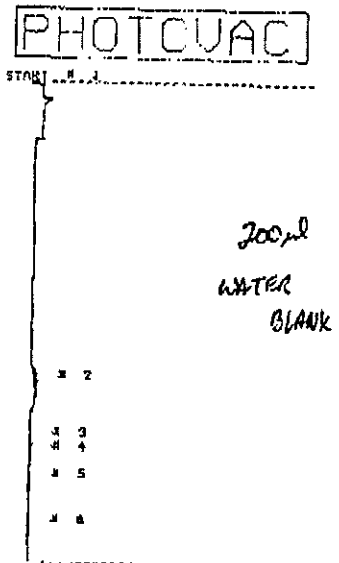


250 µl
BTEX

STOP @ 600.0
SAMPLE LIBRARY 1 APR 28 1996 13:32
ANALYSIS # 38
INTERNAL TEMP 22
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/CONC
UNKNOWN	2	101.3	1.8 US
UNKNOWN	3	251.3	1.6 US
UNKNOWN	5	562.1	1.7 US
UNKNOWN	6	726.2	1.8 US

PHOTOVAC

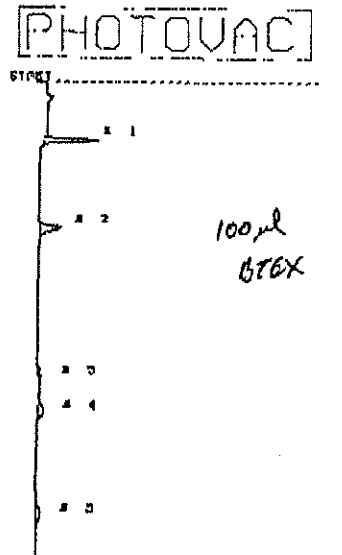


200 µl
WATER
BLANK

STOP @ 600.0
SAMPLE LIBRARY 1 APR 28 1996 12:19
ANALYSIS # 36
INTERNAL TEMP 21
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/CONC
UNKNOWN	2	543.4	232.9 pUS

PHOTOVAC

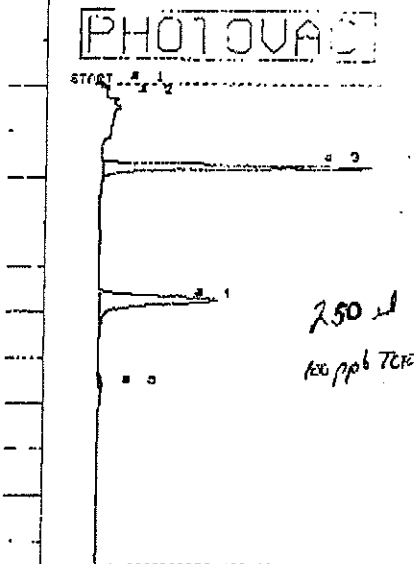


100 µl
BTEX

STOP @ 600.0
SAMPLE LIBRARY 1 APR 28 1996 13:10
ANALYSIS # 39
INTERNAL TEMP 21
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/CONC
UNKNOWN	1	100.2	930.1 pUS
UNKNOWN	2	250.9	771.5 pUS
UNKNOWN	4	566.1	364.3 pUS
UNKNOWN	5	705.4	446.3 pUS

PHOTOVAC



250 µl
100 ppb TCE

STOP @ 600.0
SAMPLE LIBRARY 1 APR 28 1996 13:41
ANALYSIS # 40
INTERNAL TEMP 22
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/CONC
UNKNOWN	1	100.3	2.1 US
UNKNOWN	3	340.5	5.6 US
UNKNOWN	5	513.9	100.1 pUS

4/22/96

(1)

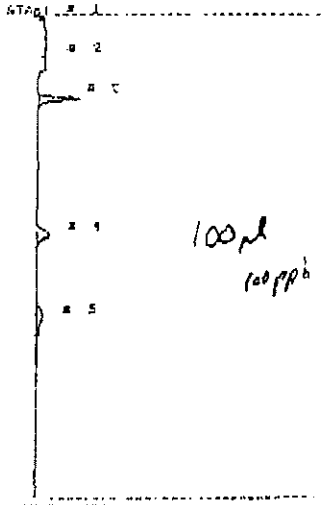
BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

SUBJECT

PROJ. N

SHEET

PHOTOVAC

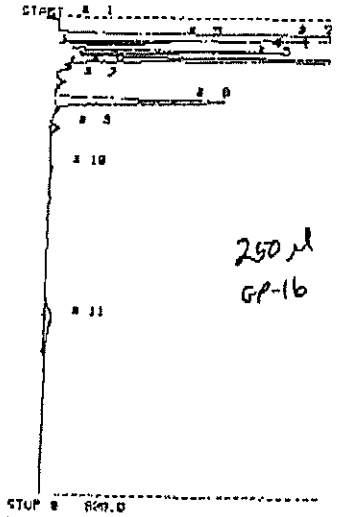


100 µl
100 ppb TCE

STOP # 600.0
SAMPLE LIBRARY 1 APR 28 1996 11:15
ANALYSIS # 61
INTERNAL TEMP 22
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPB
UNKNOWN	3	1.8	958.2 mVS
UNKNOWN	4	2.1	280.5 mVS
UNKNOWN	5	3.5	797.1 mVS

PHOTOVAC

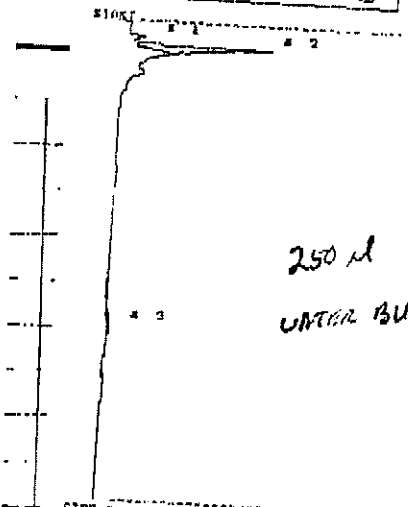


250 µl
GP-16

STOP # 600.0
SAMPLE LIBRARY 1 APR 28 1996 11:25
ANALYSIS # 63
INTERNAL TEMP 22
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPB
UNKNOWN	2	32.8	31.2 uS
UNKNOWN	3	42.5	832.4 mVS
UNKNOWN	4	50.1	2.9 uS
UNKNOWN	5	78.6	7.8 uS
UNKNOWN	8	142.1	1.3 uS
UNKNOWN	9	185.4	280.6 mVS
UNKNOWN	11	312.1	946.8 mVS

PHOTOVAC

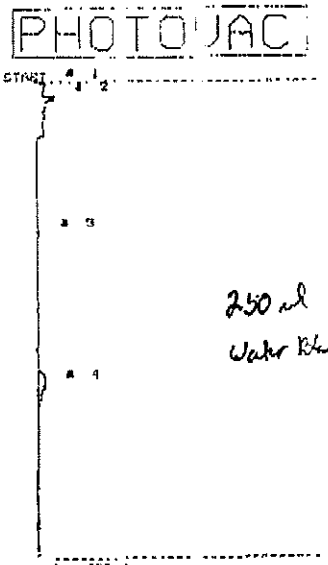


250 µl
WATER BLANK

STOP # 600.0
SAMPLE LIBRARY 1 APR 28 1996 11:35
ANALYSIS # 65
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPB
UNKNOWN	2	35.0	2.0 uS
UNKNOWN	3	511.2	129.2 uS

PHOTOVAC

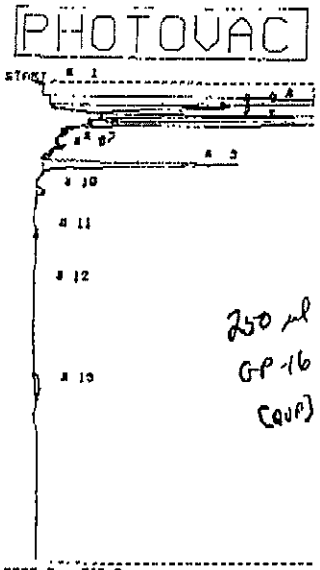


250 µl
Water Blank

STOP # 600.0
SAMPLE LIBRARY 1 APR 28 1996 11:11
ANALYSIS # 62
INTERNAL TEMP 22
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPB
UNKNOWN	1	311.4	350.0 mVS

PHOTOVAC

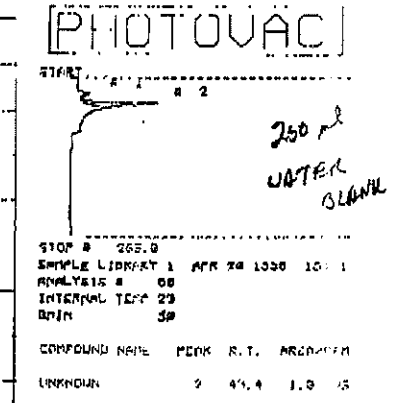


250 µl
GP-16
(DUP)

STOP # 930.0
SAMPLE LIBRARY 1 APR 28 1996 11:41
ANALYSIS # 64
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPB
UNKNOWN	2	31.4	34.4 uS
UNKNOWN	3	42.5	75.3 uS
UNKNOWN	4	57.8	2.3 uS
UNKNOWN	5	69.6	8.8 uS
UNKNOWN	7	119.1	178.3 mVS
UNKNOWN	8	148.5	3.8 uS
UNKNOWN	10	188.5	221.2 mVS
UNKNOWN	12	312.1	889.4 mVS

PHOTOVAC

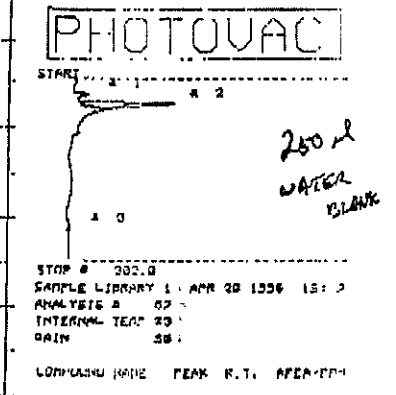


250 µl
WATER BLANK

STOP # 265.0
SAMPLE LIBRARY 1 APR 28 1996 15:1
ANALYSIS # 68
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPB
UNKNOWN	2	44.4	1.8 uS

PHOTOVAC



250 µl
WATER BLANK

STOP # 200.0
SAMPLE LIBRARY 1 APR 28 1996 15:2
ANALYSIS # 67
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPB
UNKNOWN	2	42.2	1.1 uS

4/29/96

(2)

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SUBJECT

PROJ. NO.

SHEET

[PHOTOVAC]

START

INSTRUMENT BLANK

STOP # 100.0
SAMPLE LIBRARY 1 APR 28 1996 15:21
ANALYSIS # 20
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME PEAK R.T. AREA/PPM

[PHOTOVAC]

START

250 µl
GP-17

STOP # 100.0
SAMPLE LIBRARY 1 APR 28 1996 15:58
ANALYSIS # 29
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME PEAK R.T. AREA/PPM

[PHOTOVAC]

START

250 µl
GP-2

STOP # 100.0
SAMPLE LIBRARY 1 APR 28 1996 16:13
ANALYSIS # 32
INTERNAL TEMP 24
GAIN 50

COMPOUND NAME PEAK R.T. AREA/PPM

UNKNOWN 4 235.3 197.8 AVG
UNKNOWN 6 825.9 237.7 AVG

[PHOTOVAC]

START

250 µl
SYRINGE BLANK

STOP # 100.0
SAMPLE LIBRARY 1 APR 28 1996 15:36
ANALYSIS # 20
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME PEAK R.T. AREA/PPM

[PHOTOVAC]

START

100 µl
GP-2

STOP # 100.0
SAMPLE LIBRARY 1 APR 28 1996 16:58
ANALYSIS # 31
INTERNAL TEMP 24
GAIN 50

COMPOUND NAME PEAK R.T. AREA/PPM

UNKNOWN 4 193.7 161.8 AVG
UNKNOWN 6 429.3 195.8 AVG

[PHOTOVAC]

START

250 µl
GP-18

STOP # 100.0
SAMPLE LIBRARY 1 APR 28 1996 16:35
ANALYSIS # 30
INTERNAL TEMP 24
GAIN 50

COMPOUND NAME PEAK R.T. AREA/PPM

UNKNOWN 1 10.2 116.8 AVG

4/29/96

(3)

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ENGINEERS & SCIENTISTS

SUBJECT	PROJ. NO.	BY	DATE	SHEET

PHOTOVAC

START

250 µl
GP-18 [DUP]

1
2

STOP # END @
SAMPLE LIBRARY 1 APR 28 1996 18:13
ANALYSIS # 24
INTERNAL TEMP 24
GAIN 50

COMPOUND NAME PEAK R.T. AREA/CON

UNKNOWN 2 [illegible]

PHOTOVAC

START

250 µl
GP-1 [DUP]

1
2

STOP # 600.0
SAMPLE LIBRARY 1 APR 28 1996 17:25
ANALYSIS # 26
INTERNAL TEMP 24
GAIN 50

COMPOUND NAME PEAK R.T. AREA/CON

UNKNOWN 2 817.5 195.3 AVS

PHOTOVAC

START

1
2

250 µl
GP-12

3
4

STOP # 600.0
SAMPLE LIBRARY 1 APR 28 1996 18:[illegible]
ANALYSIS # 28
INTERNAL TEMP 24
GAIN 50

COMPOUND NAME PEAK R.T. AREA/CON

UNKNOWN 2 816.5 193.2 AVS

PHOTOVAC

START

250 µl
GP-1

1

STOP # END @
SAMPLE LIBRARY 1 APR 28 1996 17:[illegible]
ANALYSIS # 23
INTERNAL TEMP 24
GAIN 50

COMPOUND NAME PEAK R.T. AREA/CON

PHOTOVAC

START

250 µl
GP-19

1
2

STOP # 600.0
SAMPLE LIBRARY 1 APR 28 1996 17:15
ANALYSIS # 27
INTERNAL TEMP 24
GAIN 50

COMPOUND NAME PEAK R.T. AREA/CON

PHOTOVAC

START

2

250 µl
50 ppb TCE

3

STOP # 600.0
SAMPLE LIBRARY 1 APR 28 1996 18:18
ANALYSIS # 25
INTERNAL TEMP 25
GAIN 50

COMPOUND NAME PEAK R.T. AREA/CON

UNKNOWN 1 13.8 103.3 AVS
UNKNOWN 2 816.5 192.2 AVS

4/22/96
(4)

APR 22 '96 08:10 +10 C WILLOW RUN

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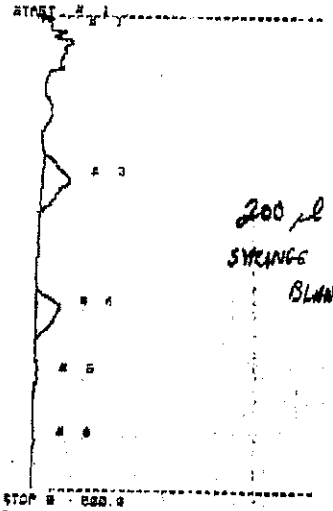
TO: SUEN (407) 395-P.1/6 715

SUBJECT

J. NO.

SHEET

PHOTOVAC

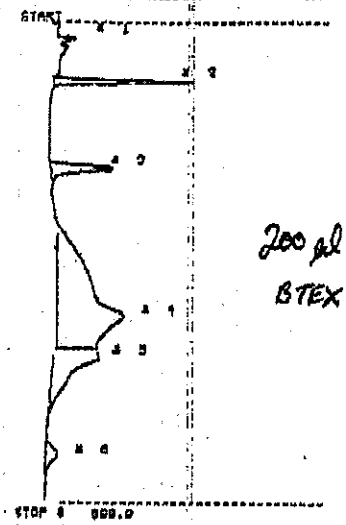


200 µl SYRINGE BLANK

STOP @ 888.0
SAMPLE LIBRARY 1 APR 18 1996 12:53
ANALYSIS # 11
INTERNAL TEMP 32
GAIN 58

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	3	701.3	6.3	US
UNKNOWN	6	819.4	9.8	US

PHOTOVAC

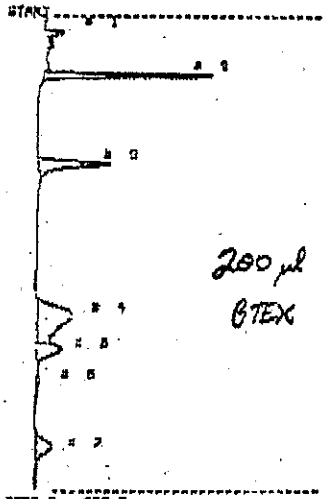


200 µl BTEX

STOP @ 888.0
SAMPLE LIBRARY 1 APR 18 1996 14:03
ANALYSIS # 13
INTERNAL TEMP 32
GAIN 58

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	2	183.7	2.8	US
UNKNOWN	3	232.3	2.3	US
UNKNOWN	4	382.2	24.8	US
UNKNOWN	5	468.1	6.1	US
UNKNOWN	6	702.8	1.8	US

PHOTOVAC

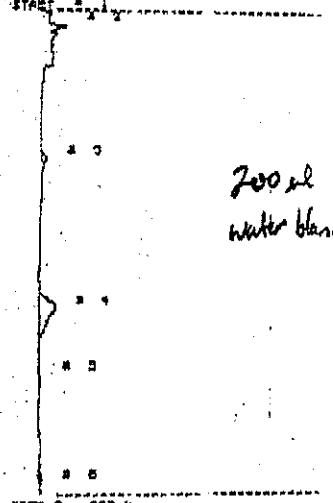


200 µl BTEX

STOP @ 888.0
SAMPLE LIBRARY 1 APR 18 1996 14:51
ANALYSIS # 15
INTERNAL TEMP 32
GAIN 58

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	2	189.3	3.1	US
UNKNOWN	3	235.3	2.5	US
UNKNOWN	4	518.3	4.3	US
UNKNOWN	5	568.1	1.7	US
UNKNOWN	6	628.8	140.1	MUS
UNKNOWN	7	738.8	1.1	US

PHOTOVAC

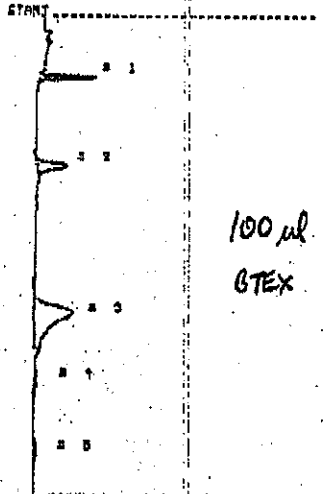


200 µl water blank

STOP @ 888.0
SAMPLE LIBRARY 1 APR 18 1996 14:18
ANALYSIS # 12
INTERNAL TEMP 32
GAIN 58

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	3	671.8	176.8	MUS
UNKNOWN	4	708.4	2.2	US

PHOTOVAC

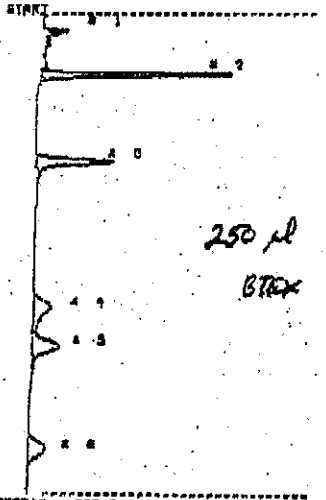


100 µl BTEX

STOP @ 888.0
SAMPLE LIBRARY 1 APR 18 1996 14:37
ANALYSIS # 14
INTERNAL TEMP 32
GAIN 58

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	1	183.5	347.0	MUS
UNKNOWN	2	233.3	1.1	US
UNKNOWN	3	285.8	4.8	US
UNKNOWN	4	518.7	234.7	MUS
UNKNOWN	5	738.7	328.8	MUS

PHOTOVAC



250 µl BTEX

STOP @ 888.0
SAMPLE LIBRARY 1 APR 18 1996 15:18
ANALYSIS # 16
INTERNAL TEMP 32
GAIN 58

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	2	184.1	3.2	US
UNKNOWN	3	234.3	2.9	US
UNKNOWN	4	508.7	1.5	US
UNKNOWN	5	570.1	1.3	US
UNKNOWN	6	748.8	1.8	US

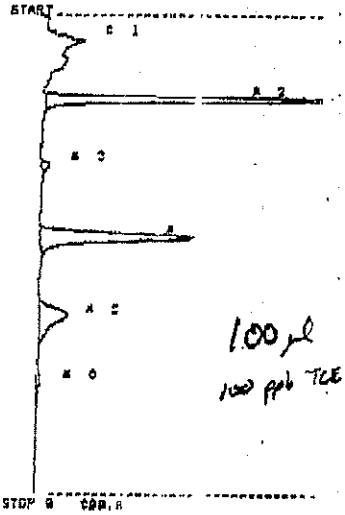
4/22/96

(1)

ELAGLAND, BOUCK & LEE, INC.
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PROJ. NO. DATE SHEET

PHOTOVAC

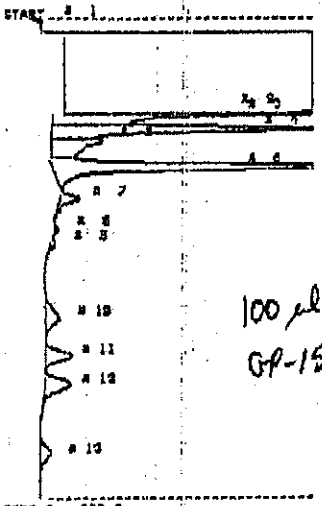


100 µl
100 ppb TCE

STOP @ 600.0
SAMPLE LIBRARY 1 APR 5 1996 15:22
ANALYSIS # 7
INTERNAL TEMP 32
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	37.1	11.8 US
UNKNOWN	3	215.6	295.6 nUS
UNKNOWN	4	272.5	8.4 US
UNKNOWN	5	506.5	5.1 US
UNKNOWN	6	574.0	297.6 nUS

PHOTOVAC

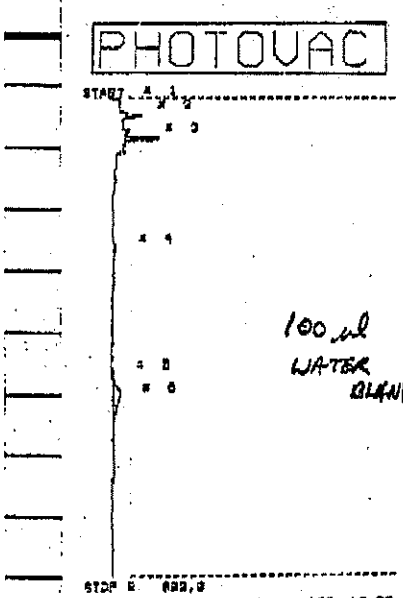


100 µl
GP-15

STOP @ 600.0
SAMPLE LIBRARY 1 APR 18 1996 15:51
ANALYSIS # 18
INTERNAL TEMP 32
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	52.1	2.5 KUS
UNKNOWN	3	160.0	7.0 US
UNKNOWN	4	188.9	11.5 US
UNKNOWN	5	218.1	9.1 US
UNKNOWN	6	281.4	18.6 US
UNKNOWN	7	287.1	528.8 nUS
UNKNOWN	8	338.1	142.8 nUS
UNKNOWN	10	384.9	1.2 US
UNKNOWN	11	388.1	1.8 US
UNKNOWN	12	412.6	2.9 US
UNKNOWN	13	456.7	809.4 nUS

PHOTOVAC

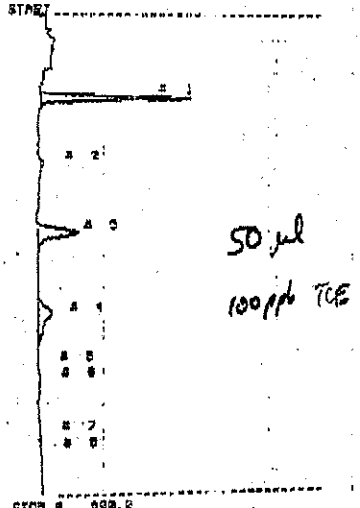


100 µl
WATER BLANK

STOP @ 600.0
SAMPLE LIBRARY 1 APR 18 1996 16:22
ANALYSIS # 21
INTERNAL TEMP 32
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	3	29.5	328.8 nUS
UNKNOWN	6	524.5	573.5 nUS

PHOTOVAC

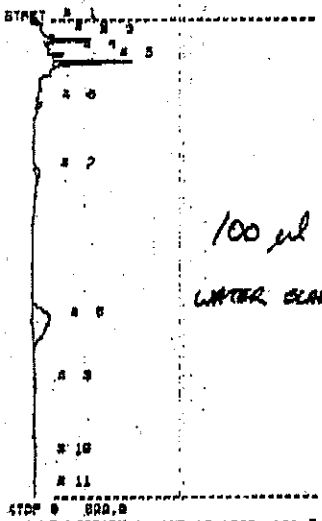


50 µl
100 ppb TCE

STOP @ 600.0
SAMPLE LIBRARY 1 APR 18 1996 15:56
ANALYSIS # 9
INTERNAL TEMP 32
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	19.2	0.1 US
UNKNOWN	2	21.8	130.8 nUS
UNKNOWN	3	313.2	2.1 US
UNKNOWN	4	506.3	1.4 US

PHOTOVAC

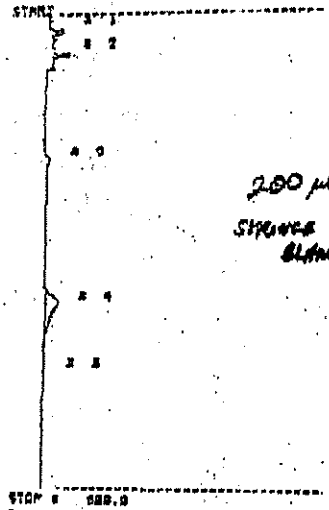


100 µl
WATER BLANK

STOP @ 600.0
SAMPLE LIBRARY 1 APR 18 1996 16:2
ANALYSIS # 28
INTERNAL TEMP 32
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	3	30.4	281.8 nUS
UNKNOWN	5	71.3	1.8 US
UNKNOWN	7	457.8	132.5 nUS
UNKNOWN	8	513.3	2.5 US
UNKNOWN	9	529.3	181.1 nUS

PHOTOVAC



200 µl
SPIKED BLANK

STOP @ 600.0
SAMPLE LIBRARY 1 APR 18 1996 16:48
ANALYSIS # 32
INTERNAL TEMP 32
GAIN 50

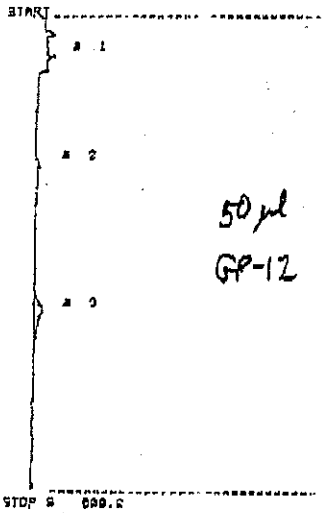
COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	28.8	155.8 nUS
UNKNOWN	4	500.4	1.8 US

4/22/96

7

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PHOTOVAC

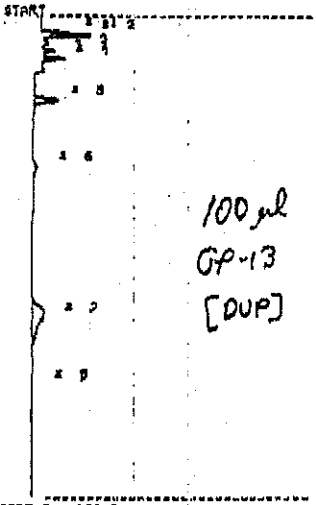


50 µl
GP-12

STOP # 899.8
SAMPLE LIBRARY 1 APR 17 1996 16:50
ANALYSIS # 23
INTERNAL TEMP 32
GAIN 58

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	52.1	380.9 nUS

PHOTOVAC

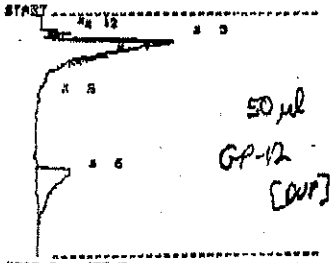


100 µl
GP-13
[DUP]

STOP # 898.8
SAMPLE LIBRARY 1 APR 18 1996 12:28
ANALYSIS # 25
INTERNAL TEMP 26
GAIN 58

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	19.5	198.4 nUS
UNKNOWN	2	33.3	612.2 nUS
UNKNOWN	4	71.8	212.2 nUS
UNKNOWN	5	142.4	181.4 nUS
UNKNOWN	6	253.3	115.7 nUS
UNKNOWN	7	584.8	1.5 US

PHOTOVAC

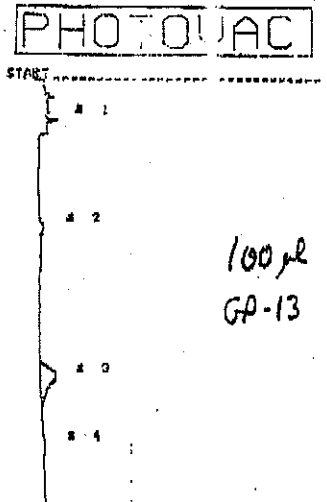


50 µl
GP-12
[DUP]

STOP # 493.8
SAMPLE LIBRARY 1 APR 18 1996 12:48
ANALYSIS # 22
INTERNAL TEMP 32
GAIN 58

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	33.1	194.1 nUS
UNKNOWN	3	46.7	433.6 nUS
UNKNOWN	6	268.3	4.1 US

PHOTOVAC

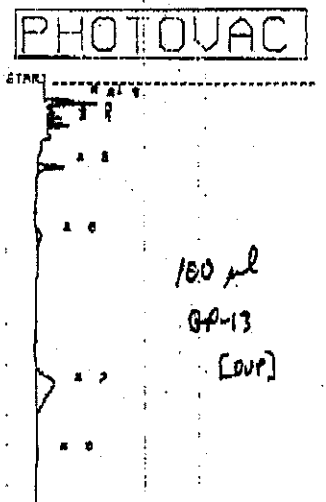


100 µl
GP-13

STOP # 898.8
SAMPLE LIBRARY 1 APR 17 1996 17:18
ANALYSIS # 24
INTERNAL TEMP 32
GAIN 58

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	213.3	123.6 nUS
UNKNOWN	3	251.8	2.9 US

PHOTOVAC

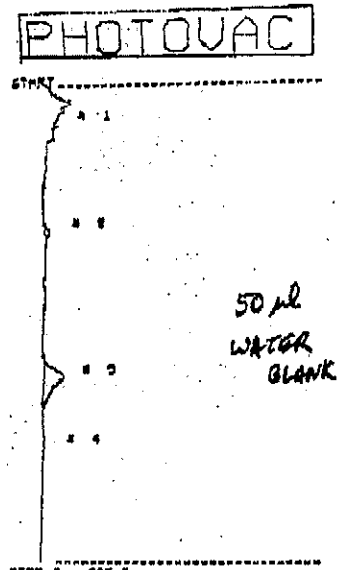


100 µl
GP-13
[DUP]

STOP # 898.8
SAMPLE LIBRARY 1 APR 18 1996 12:48
ANALYSIS # 26
INTERNAL TEMP 32
GAIN 58

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	38.2	116.7 nUS
UNKNOWN	2	93.3	249.0 nUS
UNKNOWN	4	71.7	210.3 nUS
UNKNOWN	5	143.8	552.3 nUS
UNKNOWN	6	260.0	160.1 nUS
UNKNOWN	7	593.4	2.4 US

PHOTOVAC



50 µl
WATER
BLANK

STOP # 898.8
SAMPLE LIBRARY 1 APR 18 1996 19:12
ANALYSIS # 28
INTERNAL TEMP 32
GAIN 58

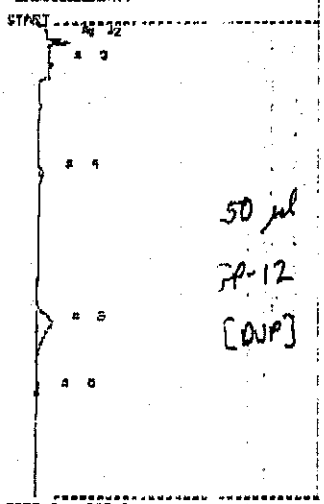
COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	34.8	165.8 nUS
UNKNOWN	3	582.6	2.3 US

4/20/96

(3)

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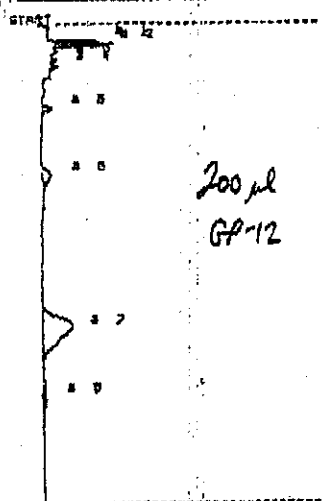
PHOTOVAC



STOP @ 600.0
SAMPLE LIBRARY : APR 1? 1996 18:12
ANALYSIS # 25
INTERNAL TEMP 26
GAIN 58

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	4	25.8	124.5 mUS
UNKNOWN	5	51.1	1.8 US

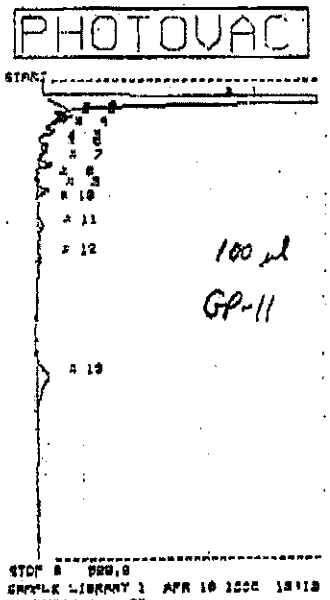
PHOTOVAC



STOP @ 600.0
SAMPLE LIBRARY 1 APR 18 1996 18:45
ANALYSIS # 31
INTERNAL TEMP 28
GAIN 58

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	32.1	229.4 mUS
UNKNOWN	2	55.7	294.4 mUS
UNKNOWN	5	146.8	166.1 mUS
UNKNOWN	6	268.2	164.8 mUS
UNKNOWN	7	313.9	3.3 US
UNKNOWN	8	528.6	225.2 mUS

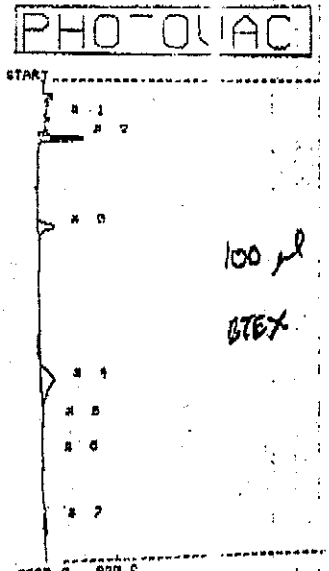
PHOTOVAC



STOP @ 600.0
SAMPLE LIBRARY 1 APR 18 1996 18:13
ANALYSIS # 29
INTERNAL TEMP 28
GAIN 58

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	32.3	48.8 US
UNKNOWN	2	145.8	211.5 mUS
UNKNOWN	3	182.2	283.8 mUS
UNKNOWN	11	251.8	208.8 mUS
UNKNOWN	13	600.4	1.3 US

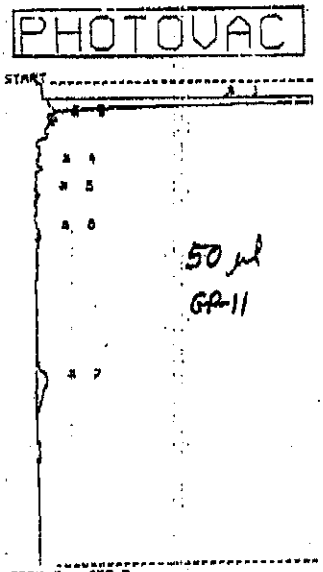
PHOTOVAC



STOP @ 600.0
SAMPLE LIBRARY 1 APR 18 1996 18:20
ANALYSIS # 28
INTERNAL TEMP 28
GAIN 58

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	15.1	229.8 mUS
UNKNOWN	3	575.3	582.2 mUS
UNKNOWN	4	1.9	1.5 US
UNKNOWN	9	13.2	113.4 mUS

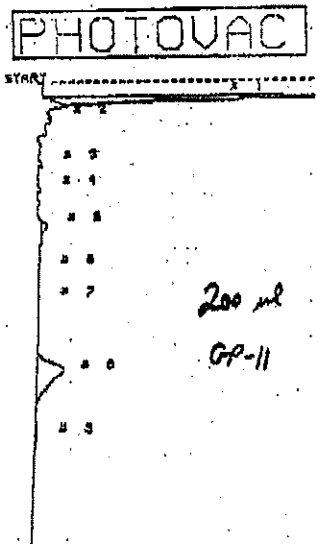
PHOTOVAC



STOP @ 600.0
SAMPLE LIBRARY 1 APR 18 1996 18:4
ANALYSIS # 32
INTERNAL TEMP 28
GAIN 58

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	32.4	30.7 US
UNKNOWN	2	588.7	1.3 US

PHOTOVAC



STOP @ 600.0
SAMPLE LIBRARY 1 APR 18 1996 18:35
ANALYSIS # 34
INTERNAL TEMP 27
GAIN 58

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	38.0	7.8 US
UNKNOWN	8	258.8	265.2 mUS
UNKNOWN	9	458.5	0.9 US

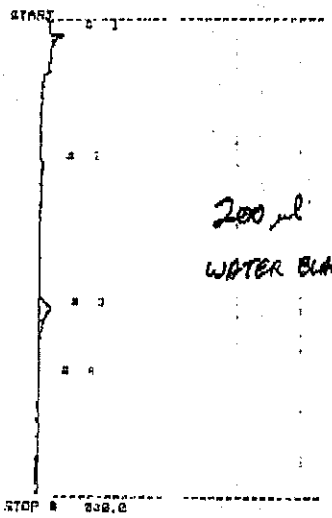
4/20/96

(4)

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

SUBJECT PROJ. NO EET

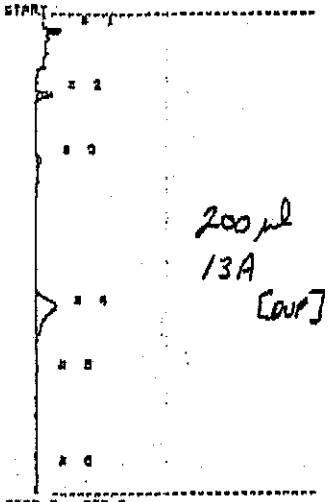
PHOTOVAC



STOP # 838.0
SAMPLE LIBRARY : APR 18 1996 12:58
ANALYSIS # 35
INTERNAL TEMP 22
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	135.8	1.1 US

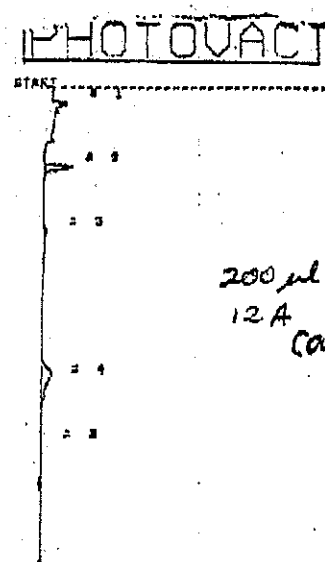
PHOTOVAC



STOP # 838.8
SAMPLE LIBRARY : APR 18 1996 20:10
ANALYSIS # 32
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	138.8	342.6 mVS
UNKNOWN	3	245.0	125.6 mVS
UNKNOWN	4	454.1	2.3 VS

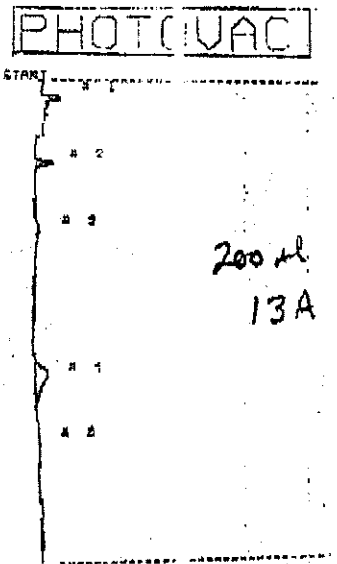
PHOTOVAC



STOP # 838.8
SAMPLE LIBRARY : APR 18 1996 20:42
ANALYSIS # 31
INTERNAL TEMP 20
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	137.8	835.2 mVS
UNKNOWN	4	451.4	1.1 VS

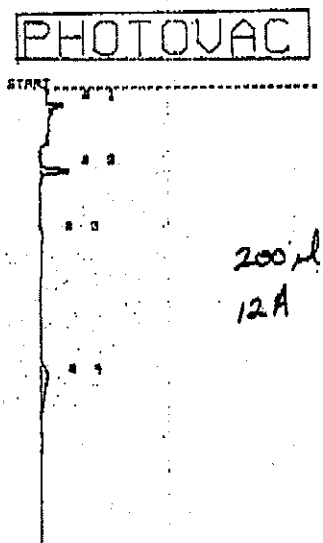
PHOTOVAC



STOP # 838.8
SAMPLE LIBRARY : APR 18 1996 23:1 8
ANALYSIS # 36
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	140.8	383.2 mVS
UNKNOWN	4	455.8	1.2 VS

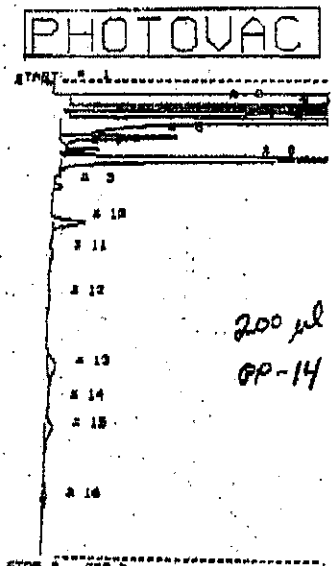
PHOTOVAC



STOP # 838.8
SAMPLE LIBRARY : APR 18 1996 20:05
ANALYSIS # 30
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	138.8	883.7 mVS
UNKNOWN	4	455.2	318.5 mVS

PHOTOVAC



STOP # 838.8
SAMPLE LIBRARY : APR 18 1996 21: 8
ANALYSIS # 40
INTERNAL TEMP 28
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	84.8	85.5 US
UNKNOWN	3	98.8	2.6 US
UNKNOWN	4	86.7	19.5 US
UNKNOWN	5	78.8	23.5 US
UNKNOWN	6	55.2	2.4 US
UNKNOWN	7	178.8	181.8 mVS
UNKNOWN	8	128.8	14.8 US
UNKNOWN	9	189.8	138.4 mVS
UNKNOWN	10	943.8	1.1 US
UNKNOWN	11	451.4	749.5 mVS
UNKNOWN	12	502.1	428.6 mVS
UNKNOWN	13	714.8	128.8 mVS

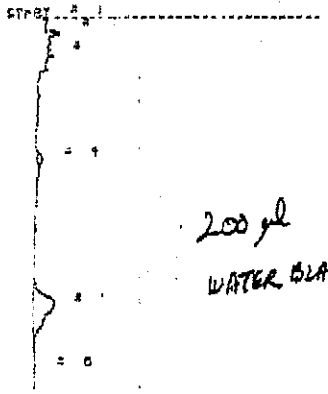
4/22/96

(5)

BLASLAND, BOUCK & LEE, INC.

SUBJECT		PROJ. NO.	BY	DATE	SHEET

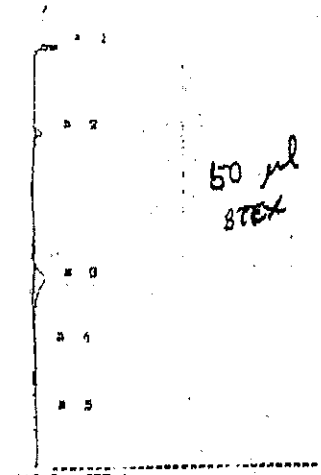
PHOTOVAC



STOP 8 00: 0
SAMPLE LIBRARY 1 APR 18 .336 21:17
ANALYSIS # 41
INTERNAL TEMP 26
GAIN 56

COMPOUND NAME	PEAK	R.T.	AREA/PPB
UNKNOWN	4	242.8	183.3 AVS
UNKNOWN	5	434.	2.8 VS

PHOTOVAC



STOP 8 000
SAMPLE LIBRARY 1 APR 18 1058 21:31
ANALYSIS # 42
INTERNAL TEMP 26
GAIN 56

COMPOUND NAME	PEAK	R.T.	AREA/PPB
UNKNOWN	1	89.5	238.3 AVS
UNKNOWN	2	245.2	262.3 AVS
UNKNOWN	3	439.0	1.9 VS

4/22/96

(6)

APR 19 '96 07:54 +10 C WILLOW RUN

To SVEN PAULOVICS | From DAREK

Co. | Co.

Dept. | Phone #

PHOTOVAC

START

INST BLANK

STOP @ 930.0
SAMPLE LIBRARY 1 APR 16 1996 10:24
ANALYSIS # 1
INTERNAL TEMP 26
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	384.1	227.5 nVS

PHOTOVAC

START

100 µl SYRINGE BLANK

STOP @ 930.0
SAMPLE LIBRARY 1 APR 16 1996 13:18
ANALYSIS # 3
INTERNAL TEMP 27
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	3	341.3	258.6 nVS
UNKNOWN	5	428.9	465.3 nVS

PHOTOVAC

START

100 µl 100 ppb TCE

STOP @ 930.0
SAMPLE LIBRARY 1 APR 16 1996 20:25
ANALYSIS # 7
INTERNAL TEMP 27
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	284.1	3.3 uS
UNKNOWN	4	313.7	5.0 uS
UNKNOWN	3	786.9	456.2 nVS

PHOTOVAC

START

INST BLANK

STOP @ 930.0
SAMPLE LIBRARY 1 APR 16 1996 18:38
ANALYSIS # 2
INTERNAL TEMP 27
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	355.8	1.2 uS

PHOTOVAC

START

100 µl WATER BLANK

STOP @ 930.0
SAMPLE LIBRARY 1 APR 16 1996 22:11
ANALYSIS # 4
INTERNAL TEMP 27
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	189.5	283.5 nVS
UNKNOWN	3	369.1	278.8 nVS

PHOTOVAC

START

100 µl WATER BLANK

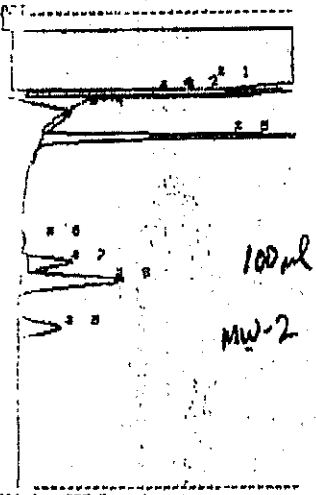
STOP @ 930.0
SAMPLE LIBRARY 1 APR 16 1996 23:45
ANALYSIS # 6
INTERNAL TEMP 27
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	472.4	358.8 nVS

SUBJECT | PROJ. NO. | DATE | SHEET

PHOTOVAC

START



100 ml

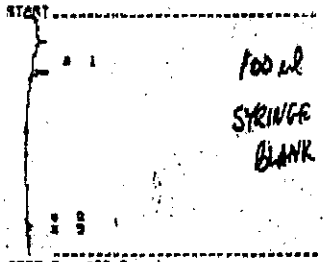
MW-2

STOP # 888.8
SAMPLE LIBRARY 1 APR 16 1996 23:53
ANALYSIS # 7
INTERNAL TEMP 27
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	77.8	2.1 KUS
UNKNOWN	2	132.2	5.8 US
UNKNOWN	3	143.8	5.2 US
UNKNOWN	5	212.8	9.2 US
UNKNOWN	6	356.5	358.6 MUS
UNKNOWN	7	428.1	2.8 US
UNKNOWN	8	458.8	6.9 US
UNKNOWN	9	538.1	2.8 US

PHOTOVAC

START



100 ml

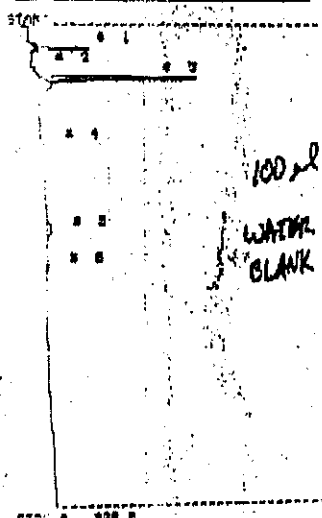
STRINGE BLANK

STOP # 888.8
SAMPLE LIBRARY 1 APR 16 1996 21:26
ANALYSIS # 5
INTERNAL TEMP 28
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	36.3	294.5 MUS

PHOTOVAC

START



100 ml

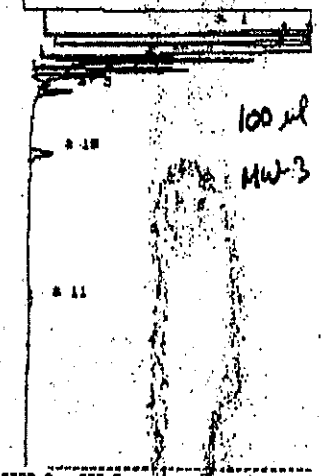
WATER BLANK

STOP # 888.8
SAMPLE LIBRARY 1 APR 16 1996 21:19
ANALYSIS # 4
INTERNAL TEMP 28
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	42.9	483.1 MUS
UNKNOWN	3	81.4	2.1 US
UNKNOWN	5	345.8	275.2 MUS

PHOTOVAC

START



100 ml

MW-3

STOP # 888.8
SAMPLE LIBRARY 1 APR 16 1996 21:41
ANALYSIS # 10
INTERNAL TEMP 28
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	33.2	275.2 US
UNKNOWN	2	83.1	18.3 US
UNKNOWN	3	99.7	85.8 US
UNKNOWN	4	115.7	2.2 US
UNKNOWN	5	121.7	3.7 US
UNKNOWN	6	132.6	5.3 US
UNKNOWN	7	145.4	1.8 US
UNKNOWN	8	174.2	472.8 MUS
UNKNOWN	10	281.6	466.1 MUS
UNKNOWN	11	327.4	288.5 MUS

Supplemental Phase II Environmental Site Investigation

TABLE D-9
FIELD SCREENING RESULTS
SUPPLEMENTAL PHASE II ESI
DECEMBER 1996

SOUTH HYDRAULIC ELEVATOR PIT (PAOC #16)
FORMER WILLOW RUN ASSEMBLY PLANT
YPSILANTI, MICHIGAN

Sample ID	Date	Depth (Feet)	Organic Vapor Concentration (ppm)	Methane/Ethane Concentration (ppm)	Net Organic Vapor Concentration (ppm)
SB-16-1	04/11	0-2	<1.0	N/A	<1.0
		2-4	<1.0	N/A	<1.0
		4-6	<1.0	N/A	<1.0
		6-8	<1.0	N/A	<1.0
		8-10	<1.0	N/A	<1.0
		10-12	<2.0	<1.0	<1.0
SB-16-2	04/11	0-2	<1.0	N/A	<1.0
		2-4	<1.0	N/A	<1.0
		4-6	<1.0	N/A	<1.0
		6-8	<1.0	N/A	<1.0
		8-10	<1.0	N/A	<1.0
SB-16-3	04/11	0-2	<1.0	N/A	<1.0
		2-4	<1.0	N/A	<1.0
		4-6	<1.0	N/A	<1.0
		6-8	<1.0	N/A	<1.0
		8-10	<1.0	N/A	<1.0
SB-16-4	04/11	0-2	<1.0	N/A	<1.0
		2-4	<1.0	N/A	<1.0
		4-6	<1.0	N/A	<1.0
		6-8	<1.0	N/A	<1.0
		8-10	<1.0	N/A	<1.0
		10-12	<5.0	>3.0	<2.0

Notes:
ppm - parts per million
N/A - Not analyzed because total organic vapor concentration was below detection limits
All measurements recorded with a TVA-1000 Organic Vapor Analyzer/Flame Ionization Detector
Methane/Ethane concentration measured using a charcoal filter assembly
Soil samples were collected using a hand auger.

TABLE D-10
FIELD SCREENING RESULTS
SUPPLEMENTAL PHASE II ESI
DECEMBER 1996

PIT 117 PAOC #17
FORMER WILLOW RUN ASSEMBLY PLANT
YPSILANTI, MICHIGAN

Sample ID	Date	Depth (Feet)	Organic Vapor Concentration (ppm)	Methane/Ethane Concentration (ppm)	Net Organic Vapor Concentration (ppm)
SB-17-2	06/28	1.5-3 3-5	14.3 4.5	0 1.5	14.3 3
SB-17-3	06/28	0.75-3 3-5	112 90	1 34	111 56
SB-17-4	06/28	0.8-3 3-5	40 8	2 0	38 8
SB-17-5	06/28	0.8-3 3-5	5 3.4	0 0.85	5 2.55
SB-17-6	06/28	0.75-3 3-5	6 2	0 0	6 2
SB-17-7	06/28	0.83-3 3-5	10 2	0 0	10 2
SB-17-8	06/28	1-3 3-5	1 1	0 0	1 1
SB-17-9	06/28	1-3 3-5	1 56	0 56	1 0

Notes:
ppm - parts per million
N/A - Not analyzed because total organic vapor concentration was below detection limits
All measurements recorded with a TVA-1000 Organic Vapor Analyzer/Flame Ionization Detector
Methane/Ethane concentration measured using a charcoal filter assembly
Soil samples were collected using a hand auger.

Phase III Extent of Contamination Study

TABLE D-11
ORGANIC VAPOR ANALYSIS
FIELD SCREENING RESULTS
PHASE III EOC STUDY

PAOC #3 - NORTH HYDRAULIC ELEVATOR PIT
WILLOW RUN ASSEMBLY PLANT
YPSILANTI, MICHIGAN

Sample Location	Date	Sample Interval (Feet Below grade)	Total Organic Vapor Concentration (ppm)	Methane/Ethane Vapor Concentration* (ppm)	Net Hydrocarbon Vapor Concentration (ppm)
SB-3-5	04/12/96	0-2	2	0	2
		2-4	5	0	5
		4-6	<1.0	N/A	<1.0
		6-8	<1.0	N/A	<1.0
		8-10	<1.0	N/A	<1.0
		10-12	27	25	2
SB-3-6	04/12/96	0-2	<1.0	N/A	<1.0
		2-4	<1.0	N/A	<1.0
		4-6	<1.0	N/A	<1.0
		6-8	<1.0	N/A	<1.0
		8-10	<1.0	N/A	<1.0
		10-12	41	20	21
SB-3-7	04/12/96	0-2	<1.0	N/A	<1.0
		2-4	<1.0	N/A	<1.0
		4-6	<1.0	N/A	<1.0
		6-8	<1.0	N/A	<1.0
		8-10	30	17	13
		10-12	175	22	155
SB-3-8	04/12/96	0-2	<1.0	N/A	<1.0
		2-4	<1.0	N/A	<1.0
		4-6	<1.0	N/A	<1.0
		6-8	<1.0	N/A	<1.0
		8-10	5	0	5
		10-12	98	15	83

Note:

* Readings taken with headspace gas filtered through charcoal

Kaiser-Frazer Dump Area Phase III EOC Study

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

SUBJECT	PROJ. NO.	BY	DATE	SHEET
		MZ		1/2

TO: BARBARA SULLIVAN
1-561 395 6715

37 1.74
ID: S.B. 43 - 8'-10'

38 29 0.900 3.12
ID: S.B. 43 - 10'-12'

39 30 0.919 2.72
: S.B. 43 - 12'-14'

40 1 0.150 352.42Hi
: S.B. 1 - 0-6"

41 2 0.188 234.86Hi
: S.B - 1 - 6"-2'

42 3 0.174 269.85Hi
: S.B - 1 - 2'-4'

43 4 0.176 265.08Hi
: S.B - 1 - 2'-4' DUP.

44 5 0.160 313.02Hi
: S.B - 1 - 4'-6'

45 6 0.746 8.05
: S.B. 1 - 6'-8'

46 7 0.174 269.85Hi
: S.B - 1 - 8'-10'

47 8 0.171 279.78Hi
ID: S.B - 1 10'-12'

48 39 0.259 128.12Hi
ID: S.B - 41 - 0-6"

49 40 0.659 13.98
S.B. 41 6"-2'

50
S.B - 41 - 2'-4'

51 2 0.908 2.95
: S.B - 41 - 2'-4' DUP

52 3 0.935 2.40
: S.B - 41 - 4'-6'

53 4 0.908 2.95
: S.B - 41 6'-8'

54 5 0.818 5.29
: S.B. 41 - 8'-10'

55 6 0.939 2.33
: S.B. 41 - 10'-12'

56 7 0.785 6.46
: S.B. 41 - 12'-14'

57 8 0.198 212.77Hi
: S.B. 37 0-6"

58 9 0.320 83.11Hi
: S.B. 37 6"-2'

59 0 0.120 521.39Hi
: S.B. 37 - 2'-4'

60 1 0.152 341.91Hi
: S.B - 37 - 2'-4' DUP

Please Wait 30 Minutes
12-10-96 07:11:20

******** OHMICRON ********

lease Wait 30 Minutes
?-11-96 06:54:12

?-11-96 11:27:02

******* OHMICRON ********

?OTOCOL : PAHS

?CH ID :
)T # :
KP DATE:

ata Reduct:Lin.Regression
Formation: Ln/Lgtb
ead Mode : Absorbance
avelength : 450 nm
nits : PPB

QUATION OF LINE :

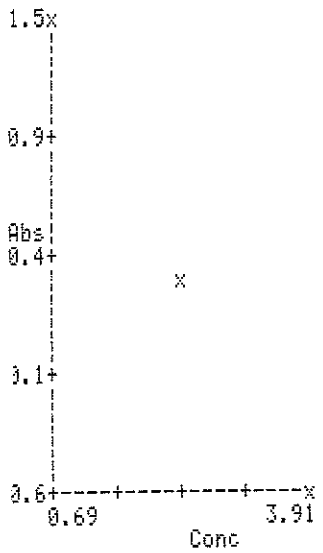
lope = -0.651
ntercept = 1.880
orr (r) = 0.9978

ransformed Data :

Conc	Abs
0.69	1.469
2.30	0.303
3.91	-0.625

alibrator Data:

Conc	Abs	Diff	%CV	Predic %Diff
0.00	1.183			
	1.192			
Mean	1.187		0.5	
2.00	0.952			2.10
	0.1[illegible]			4.9
	[illegible]			1.67
	[illegible]			-19.5
Mean	0.965		2.0	1.88
	-0.118			-6.3
10.00	0.665			12.41
	2.409			19.4
	0.701			10.28
	0.280			2.7
Mean	0.683		3.7	11.30
	1.299			1.5
50.00	0.[illegible]			-1.27
	-[illegible]			3.8
	0.415			56.81
	[illegible]			.8
				94
				.3



ntrol Data :

rl#	Abs	Conc
1	0.556	21.88

):

amples Data :

rl#	Abs	Conc
1	0.191	229.04Hi
2	0.193	223.[illegible]4Hi
[illegible]	0.381	56.96Hi
4	0.296	97.36Hi
[illegible]	0.999	1.38
6	0.259	128.12Hi
7	0.902	[illegible].86
[illegible]	[illegible]	[illegible]
9	0.868	3.88
[illegible]0	0.939	2.33
21	0.922	[illegible].65
22	0.165	298.50Hi
23	0.176	265.08Hi
[illegible]	[illegible]	6.89
25	0.504	28.7[illegible]
26	1.022	1.10

10 D: S.B 12 - 0-6"

11 D: S.B 12 - 6"-2'

12 D: S.B 12 2'-4'

13 D: S.B 12 - 4'-6'

14 D: S.B-12 - 6'-8'

15 D: S.B-12 - 8'-10'

16 ID: S.B-12 - 10'-12'

17 S.B-13 - 0-6"

18 S.B-13 - 6"-2'

19 ID: SB-13 - 2'-4'

20 0.557 21.78
S.B. 13 - 4'-6'

21 0.787 6.36
S.B-13 - 6'-8'

22 0.469 34.59
S.B-13 - 8'-10'

23 0.951 2.12
S.B-13 10'-12'

24 0.177 262.74Hi
S.B-19 - 0-6"

25 0.193 2[illegible].42Hi
S.B-19 6"-2'

26 7 0.770 7.02
S.B-19 2'-4'

27 8 0.282 107.86Hi
S.B-19 - 4'-6'

28 9 0.868 3.88
S.B-19 - 6'-8'

29 10 0.939 2.33
S.B-19 - 10'-12'

30 21 0.922 [illegible].65
SB-19 - 8'-10'

31 22 0.165 298.50Hi
S.B. 43 - 0-6"

32 23 0.176 265.08Hi
S.B. 43 - 0-6" DUP

33 [illegible] 6.89
S.B-43 - 6"-2'

34 25 0.504 28.7[illegible]
S.B. 43 - 2'-4'

35 26 1.022 1.10
ID: S.B. 43 - 4'-6'

36 S.B. 43 - 6'-8'

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

SUBJECT

DATE | SHEET

M1

Please Wait 30 Minutes
12-12-96 06:58:31

******** OHMICRON ******

Please Wait 30 Minutes
12-12-96 12:36:16

13:22:50

OHMICRON ******

: PAHS

:
:
:

uct:Lin.Regressio
on: Ln/Lnt
e : Absorbanc
th : 450 n
: PPB

OF LINE :

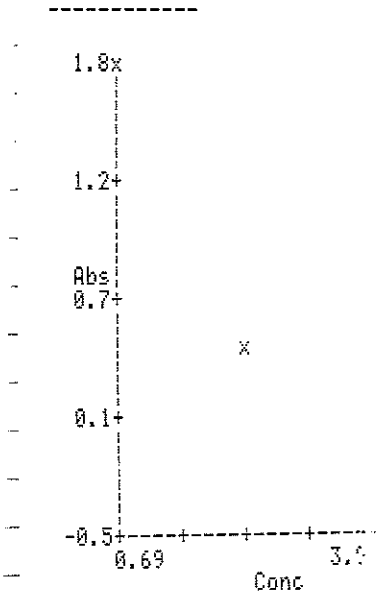
= -0.711
= 2.239
= 0.9949

Data :

	Abs
	1.813
	0.470
	-0.474

or Data:

	Abs	%CV	Predic
	Diff		%Dif
	0.974		
	0.996		
	0.985	1.6	
	3.830		2.2
	0.214		9.7
	0.864		1.47
	-0.534		-36.5
Mean	0.847	2.9	1.82
	-0.179		-9.8
10.00	0.598		12.7
	2.707		21.3
	0.615		11.45
	1.445		12.6
an	0.606	2.0	12.06
	2.062		17.1
50.00	0.371		47.60
	-2.397		-5.0
	0.385		43.55
	-6.448		-14.8
Mean	0.378	2.8	45.53
	-4.475		-9.8



ontrol Data :

Ctrl#	Abs	Conc
1	0.475	25.77

ID:

amples Data :

Spl#	Abs	Conc
1	0.142	286.59Hi

ID: S.B. 8 - 0-6"

2 0.157 243.34Hi

ID: S.B. 8 - 6"-2'

3 0.158 241.11Hi

: S.B. 8 - 6"-2' DUP

4 0.405 38.69

S.B. 8 - 2'-4'

0.326 62.75Hi

S.B. 8 - 4'-6'

0.470 26.55

S.B. 8 - 6'-8'

0.696 6.77

S.B. 8- 8'-10'

8 0.738 5.0

ID: S.B. 15 - 0-6"

10 0.146 272.75Hi

ID: S.B. 15 - 6"-2'

11 0.120 379.21Hi

ID: S.B. 15 - 2'-4'

12 0.113 412.05Hi

ID: S.B. 15 - 4'-6'

13 0.266 94.83Hi

ID: S.B. 15 - 6'-8'

14 0.165 224.28Hi

ID: S.B. 15 - 8'-10'

15 0.112 422.25Hi

ID: S.B. 10 - 0-6"

16 0.145 275.44Hi

D: S.B. 10 - 6"-2'

17 0.130 331.53Hi

ID: S.B. 10 - 2'-4'

18 0.125 354.15Hi

ID: S.B. 10 - 4'-6'

19 0.120 379.21Hi

D: S.B. 10 - 6'-8'

20 0.120 374.84Hi

ID: S.B. 10 - 8'-10'

21 0.326 62.75Hi

ID: S.B. 33 - 0-6"

22 0.257 101.05H

ID: S.B. 33 - 6"-2'

23 0.402 39.49

ID: S.B. 33 - 2'-4'

24 0.395 41.14

ID: S.B. 33 - 4'-6'

25 0.860 1.55

ID: S.B. 33. 6'-8'

26 0.872

ID: S.B. 33 - 8'-10'

S.B. 33 - 10'-12'

ID: S.B. 37 - 4'-6'

29 0.636 10.07

ID: S.B. 37 - 6'-8

30 0.220 135.09Hi

ID: S.B. 37 - 8'-10

31 0.805 2.85

ID: S.B. 37 -10'-12

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

SUBJECT	NO.	BY	DATE	SHEET

Please Wait 30 Minutes
12-13-96 08:54:29

12-13-96 17:25:37

******** OHMICRON ********

:OL : PAHS

ID :_____
:_____
ATE:_____

Reduct:Lin.Regression
ıation: Ln/LgtB
Mode : Absorbance
.en9th : 450 nm
: PPB

TION OF LINE :

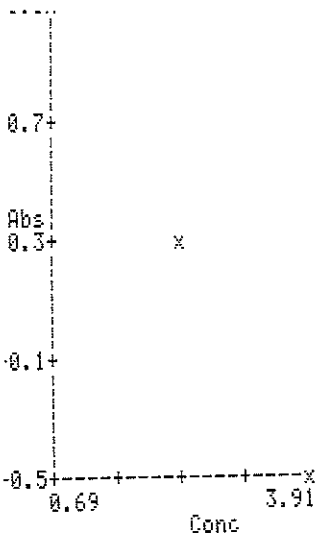
e = -0.502
rcept = 1.456
(r) = 1.0000

sformed Data :

:onc	Abs
).69	1.112
:.30	0.291
5.91	-0.506

ıbrator Data:

:nc	Abs	%CV	Predic
	Diff		%Diff
.00	0.975		
	0.970		
ean	0.973	0.4	
.00	0.787		1.02
	-0.981		-96.3
	0.676		3.50
	1.504		42.9
ean	0.732	10.7*	1.98
	-0.016		-0.8
10.00	0.570		9.08
	-0.917		-10.1
	0.543		11.37
	1.370		12.0
Mean	0.556	3.4	10.17
	0.167		1.6
50.00	0.357		53.70
	3.701		6.9
	0.375		45.82
	11.176		-9.1



ontrol Data :

trl#	Abs	Conc
1	0.445	25.41

D:_____

:QUATION OF LINE :

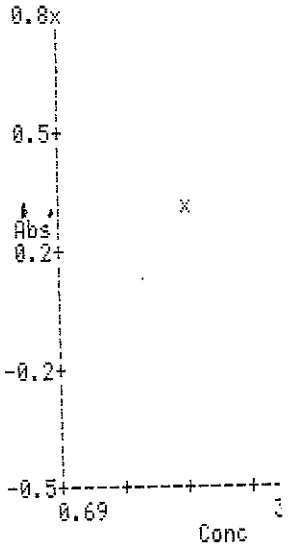
:lope	=	-0.414
:ntercept	=	1.156
:orr (r)	=	0.9937

Transformed Data :

Conc	Abs
0.69	0.826
2.30	0.291
3.91	-0.506

:alibrator Data:

Conc	Abs	%CV	Predic
	Diff		%Diff
0.00	0.975		
	0.970		
Mean	0.973	0.4	
2.00	0.787	Deleted	
	0.676		2.22
	0.222		10.0
10.00	0.570		7.07
	-2.934		-41.5
	0.543		9.28
	-0.718		-7.7
Mean	0.556	3.4	8.10
	-1.897		-23.4
50.00	0.357		61.19
	11.190		18.3
	0.375		50.47



Control Data :

Ctrl#	Abs	Conc
1	0.442	25.52

ID:_____

Samples Data :

Spl#	Abs	Conc
1	0.251	209.72Hi

ID: S.B. 3 - 0-6"

2 0.152 972.16Hi

ID: S.B. 3 - 6"-2'

3 0.175 640.86Hi

ID: S.B.3 - 6"-2' Dup

4 0.145 1111.0Hi

ID: SB-3 - 2'-4'

5 0.131 1475.3Hi

ID: S.B. 3 4'-6'

6 0.139 1254.0Hi

ID: S.B-3 - 6'-8'

7 0.165 755.11Hi

ID: S.B-3 8'-10'

S.B-3 - 10'-11'

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

SUBJECT	PROJ. NO.	BY	DATE	SHEET

0.239 246.09
S.B. 28 - 0-6"

0.310 102.58Hi
S.B. 28 - 6"-2'

0.307 105.68Hi
S.B. 28 - 6"-2' Dup

0.701 1.66
S.B. 28 - 2'-4'

0.488 16.15
S.B. 28 - 4'-6'

0.746 0.91
S.B. 28 - 6'-8'

0.720 1.30
S.B. 28 - 8'-10'

0.167 732.52Hi
S.B. 28 - 10'-12'

0.215 344.79Hi
S.B. 28 - 12'-13'

0.166 743.71Hi
S.B. 23 - 0-6"

0.173 659.92Hi
S.B. 23 - 0-6" Dup

S.B. 23 - 6"-2'

ID: S.B. 23 - 2'-4'

22 0.242 234.97Hi
ID: S.B. 23 - 2'-4' Dup

23 0.180 587.70Hi
ID: S.B. 23 - 4'-6'

24 0.238 248.97Hi
ID: S.B. 23 - 6'-8'

25 0.167 732.52Hi
ID: S.B-7 - 0-6"

26 0.155 911.12Hi
ID: S.B. 7 - 0-6" Dup

27 0.156 896.63Hi
ID: S.B-7 6"-2'

28 0.128 1560.1Hi
ID: S.B-7 - 2'-4'

29 0.114 2139.9Hi
ID: S.B. 7 - 4'-6'

30 0.134 1371.2Hi
ID: S.B. 7 6'-8'

31 0.135 1346.7Hi
ID: S.B. 7 - 8'-10'

32 0.186 532.53Hi
ID: S.B. 23 - 8'-10'

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

SUBJECT	PROJ. NO.	BY

******** OHMICRON ********

PROTOCOL : PAHS

TECH ID :_____
LOT # :_____
EXP DATE:_____

Data Reduct:Lin.Regression
Xformation: Ln/LgtB
Read Mode : Absorbance
Wavelength : 450 nm
Units : PPB

EQUATION OF LINE :

Slope = -0.658
Intercept = 2.009
Corr (r) = 0.9883**

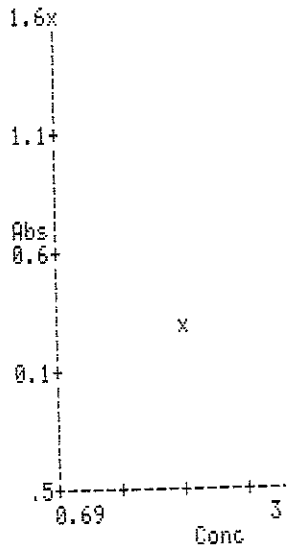
Transformed Data :

Conc	Abs
0.69	1.648
2.30	0.306
3.91	-0.470

Calibrator Data:

Conc	Abs	%CV	Pred: %Dif
0.00	1.067		
	1.063		
Mean	1.065	0.3	
2.00	0.894		1.72
	-0.283		-16.5
	0.892		1.75
	-0.251		-14.4
Mean	0.893	0.1	1.73
	-0.267		-15.4
10.00	0.607		13.80
	3.805		27.6
	0.619		12.86
	2.860		22.2
Mean	0.613	1.4	13.32
	3.325		25.0
50.00	0.402		45.41
	-4.592		-10.1
	0.417		41.33
	-8.668		-21.0
Mean	0.410	2.7	43.38

Cal. Curve :



Control Data :

Lot#	Abs	Conc
	0.493	26.61

ID:_____

EQUATION OF LINE :

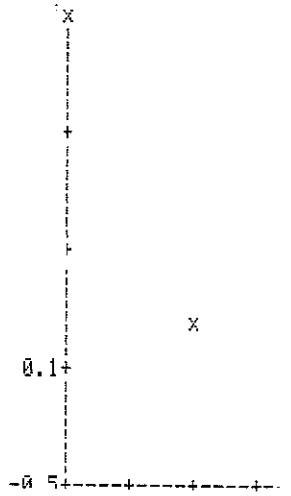
Slope = -0.661
Intercept = 2.023
Corr (r) = 0.9881**

Transformed Data :

Conc	Abs
0.69	[illegible]
2.30	0.311
3.91	-0.466

	Diff		%
0.00	1.067	Deleted	
	1.063		
.00	0.894		
	-0.285		-1
	0.892		
	-0.253		-1
ean	0.893	0.1	
	-0.269		-1
00	0.607		1
	3.831		2
	0.619		1
	2.886		2
an	0.613	1.4	1
	3.351		2
00	0.402		4
	-4.643		-1
	0.417		4
	-8.702		-2
an	0.410	2.7	4
	-6.727		-1

Curve :



Curve#	Abs	Conc
1	0.486	27.70

ID:_____

les Data :

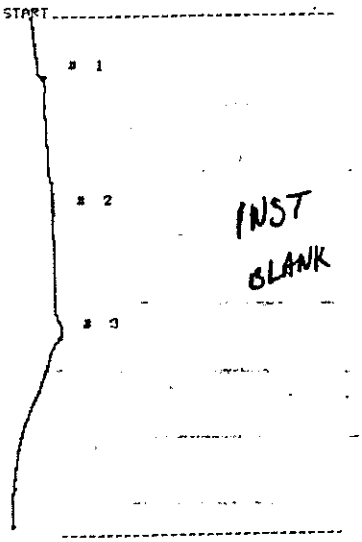
	Abs	Conc
	0.180	236.75Hi
S.B. 21A 0-6'		
	0.209	18[illegible] Hi
S.B. 21A 6"-2'		
	0.171	261.25Hi
S.B. 21A 6"-2' DUP		
	0.287	96.45Hi
S.B. 21A - 2'-4'		
	0.226	154.87Hi
S.B. 21A - 4'-6'		
	0.498	25.84
S.B. 21A - 6'-8'		
	0.413	42.38
S.B. 21A - 8'-10'		
	0.296	90.10Hi
S.B. 41A 0-6"		
	1.001	0.31nd
S.B. 41A 6"-2'		
	0.316	78.45Hi
S.B. 41A 6"-2' DUP		
	0.930	1.12
S.B. 41A - 2'-4'		
	0.864	2.30
S.B. 41A - 4'-6'		
13	0.916	1.33
ID: S.B. 41A 6-8'		
14	0.798	4.03
ID: S.B 41A 8-10'		
15	0.913	1.39
S.B. 41A 10-11'		

CVO Property - VOH Plume

BLASLAND, BOUCK & LEE, INC.

SUB.

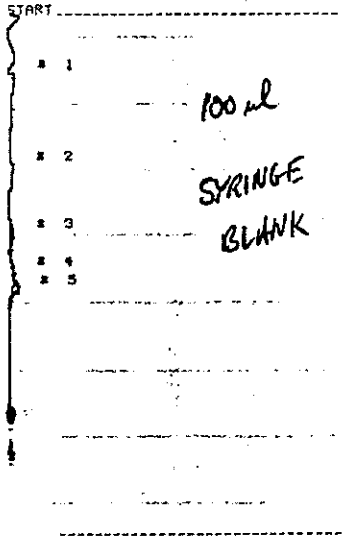
PHOTOVAC



STOP @ 800.0
SAMPLE LIBRARY 1 APR 16 1356 13:24
ANALYSIS # 1
INTERNAL TEMP 26
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	384.1	227.5 nUS

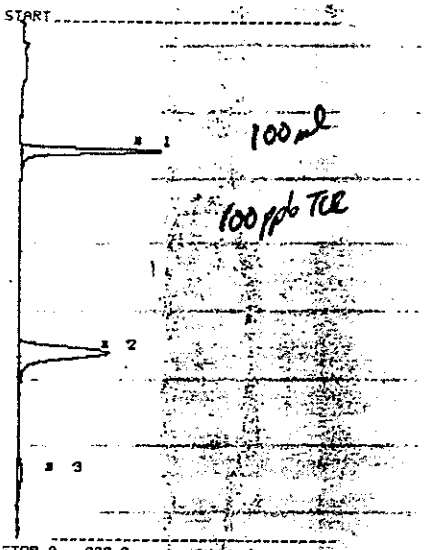
PHOTOVAC



STOP @ 800.0
SAMPLE LIBRARY 1 APR 16 1356 15:56
ANALYSIS # 3
INTERNAL TEMP 27
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	3	341.3	268.6 nUS
UNKNOWN	5	426.8	465.9 nUS

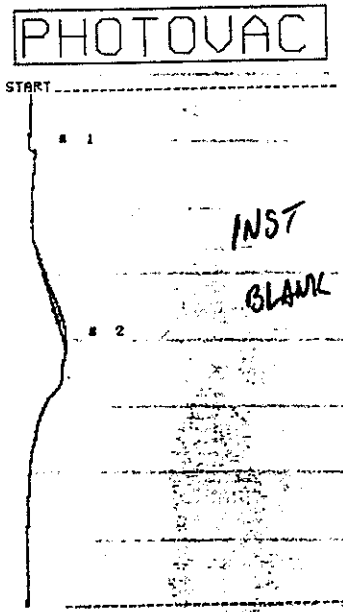
PHOTOVAC



STOP @ 800.0
SAMPLE LIBRARY 1 APR 16 1356 20:23
ANALYSIS # 5
INTERNAL TEMP 27
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	284.1	3.5 US
UNKNOWN	2	319.3	5.8 US
UNKNOWN	3	398.5	466.9 nUS

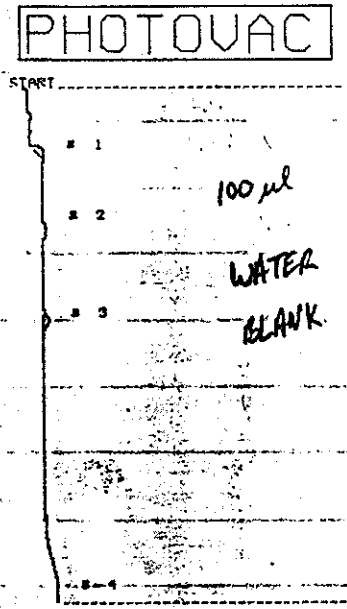
PHOTOVAC



STOP @ 800.0
SAMPLE LIBRARY 1 APR 16 1356 13:38
ANALYSIS # 2
INTERNAL TEMP 27
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	355.0	1.2 US

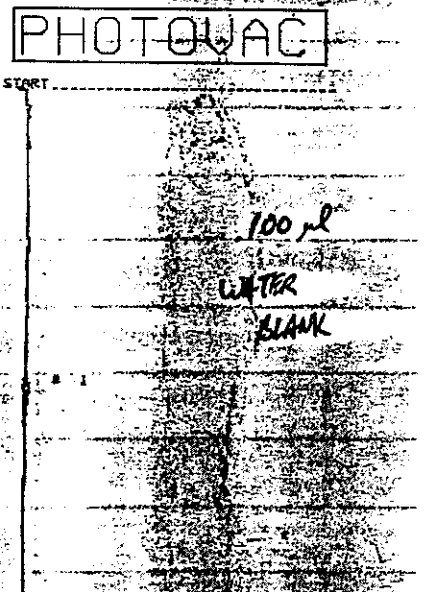
PHOTOVAC



STOP @ 800.0
SAMPLE LIBRARY 1 APR 16 1356 20:11
ANALYSIS # 4
INTERNAL TEMP 27
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	198.5	263.5 nUS
UNKNOWN	3	369.1	276.8 nUS

PHOTOVAC



STOP @ 800.0
SAMPLE LIBRARY 1 APR 16 1356 20:45
ANALYSIS # 6
INTERNAL TEMP 27
GAIN 20

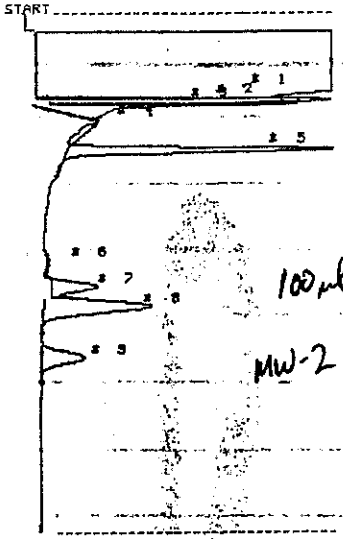
COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	422.1	358.8 nUS

BLASLAND

SUBJECT	PROJ. NO.	DATE	SHEET

PHOTOVAC

START



100 µl

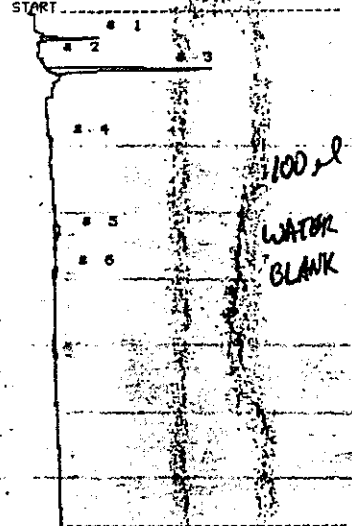
MW-2

STOP @ 888.8
SAMPLE LIBRARY 1 APR 16 1996 20:55
ANALYSIS # 7
INTERNAL TEMP 27
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	72.9	2.1 KUS
UNKNOWN	2	137.3	6.8 US
UNKNOWN	3	143.0	5.2 US
UNKNOWN	4	212.8	8.2 US
UNKNOWN	5	386.6	256.6 mUS
UNKNOWN	7	428.4	2.8 US
UNKNOWN	8	458.8	6.5 US
UNKNOWN	9	539.1	2.8 US

PHOTOVAC

START



100 µl

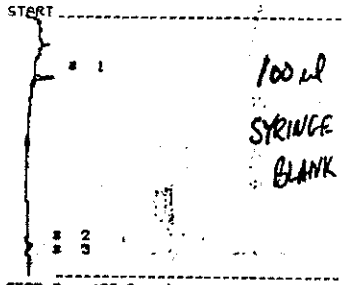
WATER BLANK

STOP @ 888.8
SAMPLE LIBRARY 1 APR 16 1996 21:19
ANALYSIS # 8
INTERNAL TEMP 28
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	42.5	160.1 mUS
UNKNOWN	3	81.4	2.1 US
UNKNOWN	5	345.5	275.3 mUS

PHOTOVAC

START



100 µl

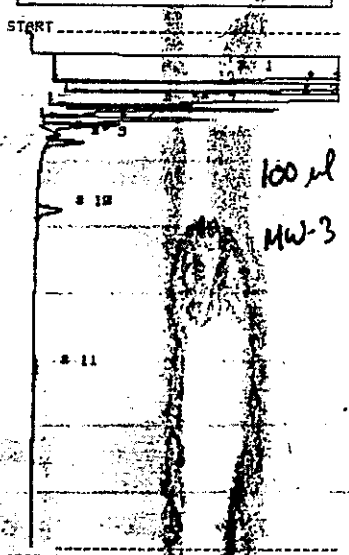
SYRINGE BLANK

STOP @ 888.8
SAMPLE LIBRARY 1 APR 16 1996 21:26
ANALYSIS # 9
INTERNAL TEMP 28
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	36.9	294.5 mUS

PHOTOVAC

START



100 µl

MW-3

STOP @ 888.8
SAMPLE LIBRARY 1 APR 16 1996 21:41
ANALYSIS # 10
INTERNAL TEMP 28
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	53.2	23.2 US
UNKNOWN	2	83.1	18.3 US
UNKNOWN	3	89.7	23.9 US
UNKNOWN	4	113.7	2.2 US
UNKNOWN	5	121.7	3.7 US
UNKNOWN	6	137.8	3.3 US
UNKNOWN	7	145.4	1.5 US
UNKNOWN	8	174.2	272.8 mUS
UNKNOWN	10	281.8	456.1 mUS
UNKNOWN	11	527.4	386.5 mUS

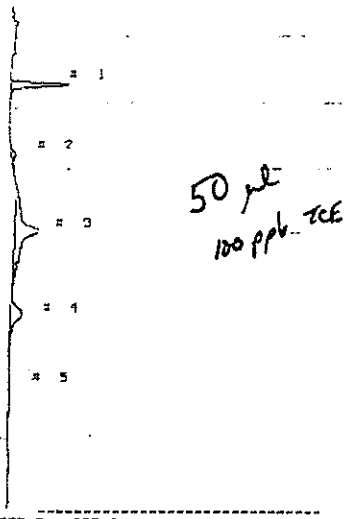
BLASLAND, BOUCK & LEE, INC.

ENGINEERS & SCIENTISTS

Post-it™ brand fax transmittal memo 7671 | # of pages ▸ 3

To SVEN	From DEREK
Co.	Co.
Dept.	Phone #

PHOTOVAC

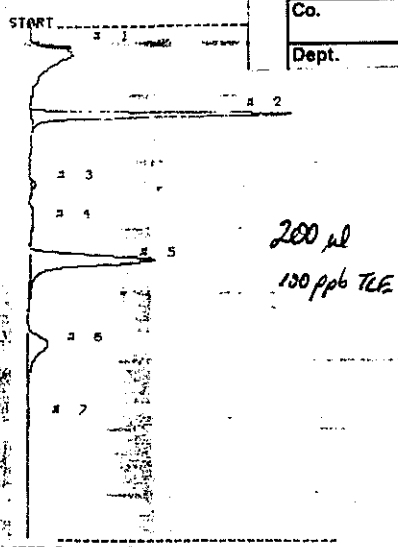


50 µl
100 ppb TCE

STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 13:4
ANALYSIS # 3
INTERNAL TEMP 27
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	142.7	1.2 US
UNKNOWN	2	253.3	185.8 mUS
UNKNOWN	3	372.8	2.2 US
UNKNOWN	4	584.0	334.4 mUS

PHOTOVAC

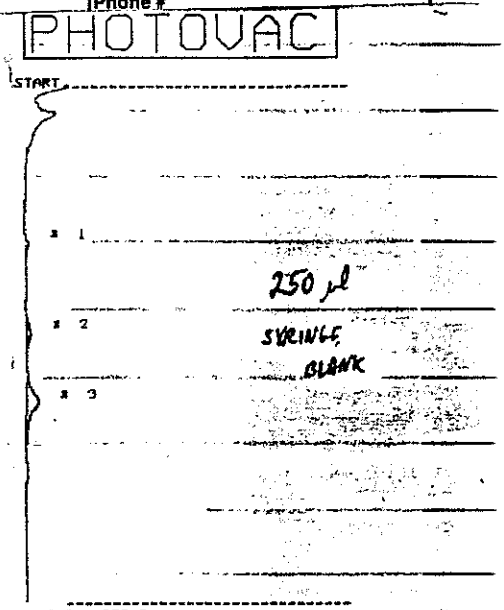


200 µl
100 ppb TCE

STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 13:49
ANALYSIS # 5
INTERNAL TEMP 27
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	38.9	133.1 mUS
UNKNOWN	2	143.0	6.7 US
UNKNOWN	3	254.3	181.9 mUS
UNKNOWN	5	376.0	7.4 US
UNKNOWN	6	597.6	1.9 US
UNKNOWN	7	618.0	143.1 mUS

PHOTOVAC

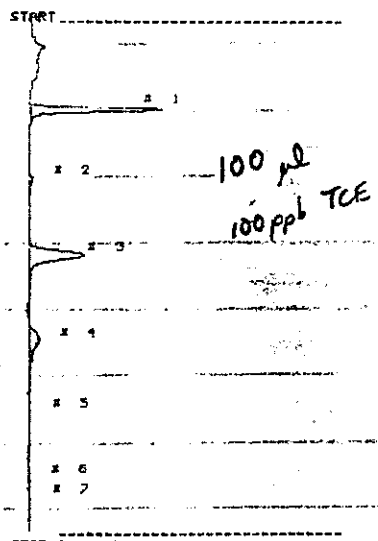


250 µl
SYRINGE BLANK

STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 14:5
ANALYSIS # 7
INTERNAL TEMP 27
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	383.4	426.2 mUS
UNKNOWN	3	456.8	1.2 US

PHOTOVAC

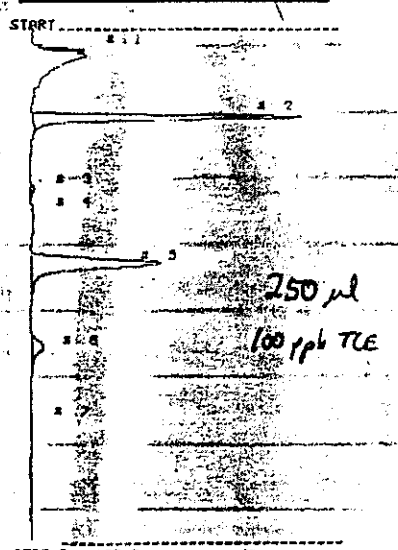


100 µl
100 ppb TCE

STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 13:13
ANALYSIS # 4
INTERNAL TEMP 27
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	142.1	3.8 US
UNKNOWN	3	372.8	2.8 US
UNKNOWN	4	585.8	1.8 US

PHOTOVAC

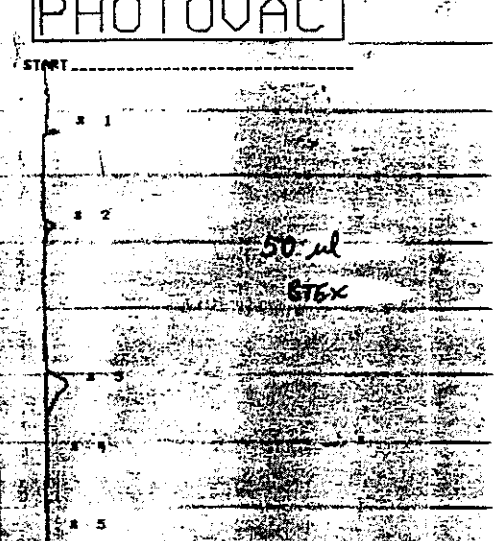


250 µl
100 ppb TCE

STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 13:54
ANALYSIS # 6
INTERNAL TEMP 27
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	38.9	167.4 mUS
UNKNOWN	2	142.7	7.1 US
UNKNOWN	3	254.3	115.1 mUS
UNKNOWN	5	374.8	7.2 US
UNKNOWN	6	585.8	528.8 mUS

PHOTOVAC

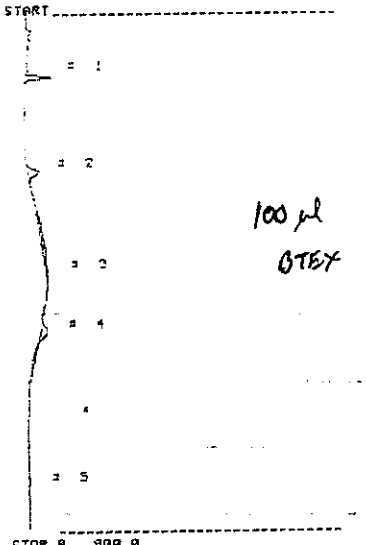


50 µl
GTEX

STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 14:27
ANALYSIS # 8
INTERNAL TEMP 27
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	100.9	165.2 mUS
UNKNOWN	2	258.8	365.5 mUS
UNKNOWN	3	584.8	2.6 US
UNKNOWN	4	614.5	143.8 mUS

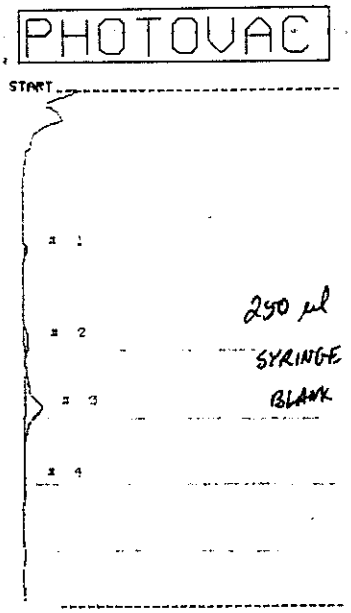
PHOTOVAC



STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 14:43
ANALYSIS # 9
INTERNAL TEMP 27
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	101.5	326.5 mVS
UNKNOWN	2	251.8	312.3 mVS
UNKNOWN	3	485.2	649.1 mVS
UNKNOWN	4	580.4	361.8 mVS

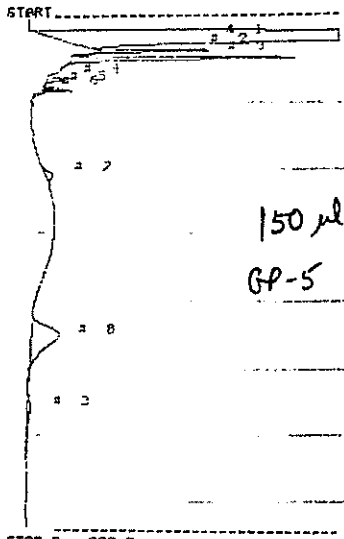
PHOTOVAC



STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 15:13
ANALYSIS # 11
INTERNAL TEMP 27
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	251.8	132.3 mVS
UNKNOWN	2	357.1	440.7 mVS
UNKNOWN	3	581.3	2.1 VS

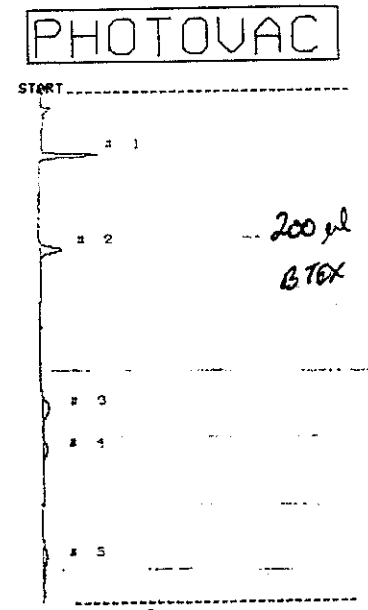
PHOTOVAC



STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 15:40
ANALYSIS # 13
INTERNAL TEMP 28
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	35.3	37.3 VS
UNKNOWN	2	58.1	1.3 VS
UNKNOWN	3	71.3	2.3 VS
UNKNOWN	4	183.5	268.2 mVS
UNKNOWN	6	122.3	148.3 mVS
UNKNOWN	7	256.8	271.1 mVS
UNKNOWN	8	511.2	3.2 VS
UNKNOWN	5	623.3	271.1 mVS

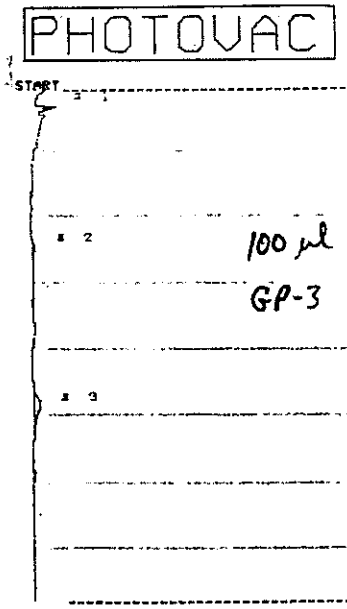
PHOTOVAC



STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 14:58
ANALYSIS # 10
INTERNAL TEMP 27
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	182.5	559.4 mVS
UNKNOWN	2	252.8	632.4 mVS
UNKNOWN	3	584.8	533.8 mVS
UNKNOWN	4	668.1	257.5 mVS
UNKNOWN	5	733.3	256.2 mVS

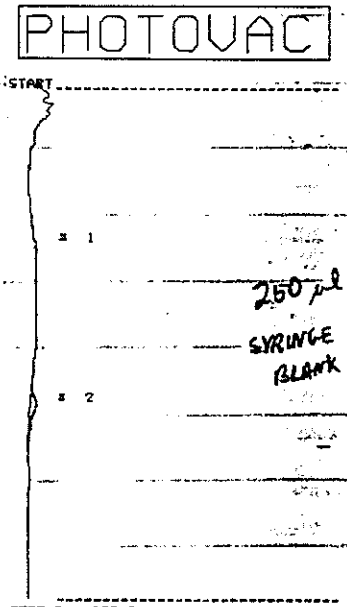
PHOTOVAC



STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 15:30
ANALYSIS # 12
INTERNAL TEMP 28
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	3	583.1	573.8 mVS

PHOTOVAC



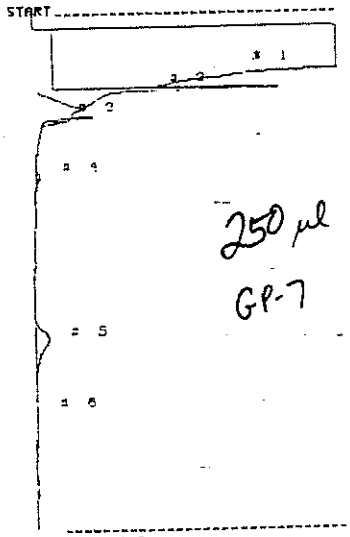
STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 16:16
ANALYSIS # 14
INTERNAL TEMP 28
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	585.8	542.1 mVS

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

SUBJECT	PROJ. NO.	BY	DATE	SHEET

PHOTOVAC



250 µl
GP-7

STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1998 16:45
ANALYSIS # 15
INTERNAL TEMP 28
GAIN 20

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	55.4	1.3 KUS
UNKNOWN	2	122.6	5.2 US
UNKNOWN	4	257.3	129.0 KUS
UNKNOWN	5	513.9	1.4 US

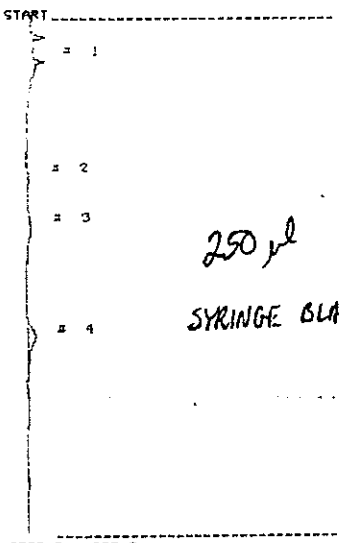
BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

TO: SUEN (407) 395-6715

SI

PROJ. NO.

PHOTOVAC

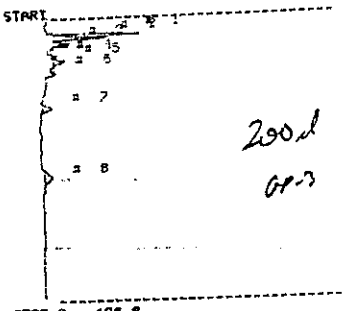


250 µl
SYRINGE BLANK

STOP @ 888.8
SAMPLE LIBRARY 1 APR 17 1996 17: 2
ANALYSIS # 16
INTERNAL TEMP 28
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	4	501.3	872.8 mVS

PHOTOVAC

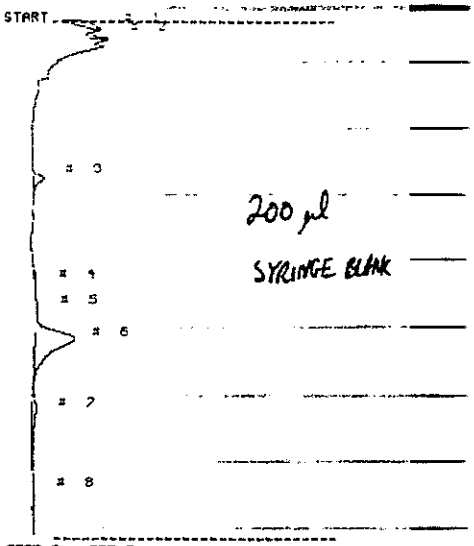


200 µl
GP-3

STOP @ 436.8
SAMPLE LIBRARY 1 APR 17 1996 17:49
ANALYSIS # 18
INTERNAL TEMP 28
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	30.8	516.3 mVS
UNKNOWN	5	98.5	156.7 mVS
UNKNOWN	7	145.4	227.7 mVS
UNKNOWN	8	254.8	327.8 mVS

PHOTOVAC

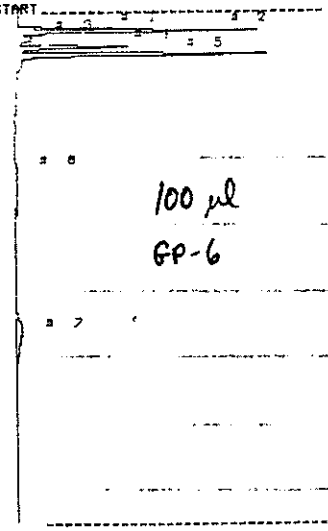


200 µl
SYRINGE BLANK

STOP @ 888.8
SAMPLE LIBRARY 1 APR 17 1996 18:21
ANALYSIS # 20
INTERNAL TEMP 28
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	15.5	415.7 mVS
UNKNOWN	3	251.3	415.2 mVS
UNKNOWN	6	503.1	4.1 mVS
UNKNOWN	7	813.4	318.5 mVS

PHOTOVAC

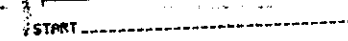


100 µl
GP-6

STOP @ 888.8
SAMPLE LIBRARY 1 APR 17 1996 17:17
ANALYSIS # 17
INTERNAL TEMP 28
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	28.8	846.2 mVS
UNKNOWN	2	32.4	2.2 VS
UNKNOWN	4	56.7	1.8 VS
UNKNOWN	5	69.7	2.3 VS
UNKNOWN	7	505.8	885.1 mVS

PHOTOVAC

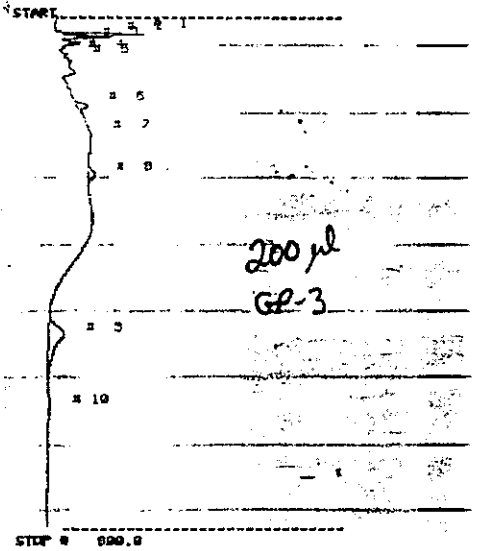


200 µl
SYRINGE BLANK

STOP @ 888.8
SAMPLE LIBRARY 1 APR 17 1996 18: 5
ANALYSIS # 19
INTERNAL TEMP 28
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	252.8	254.6 mVS
UNKNOWN	3	361.4	1.5 VS
UNKNOWN	4	501.3	2.8 VS
UNKNOWN	8	814.5	174.6 mVS

PHOTOVAC



200 µl
GP-3

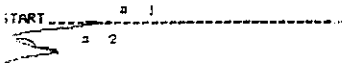
STOP @ 888.8
SAMPLE LIBRARY 1 APR 17 1996 18:41
ANALYSIS # 21
INTERNAL TEMP 28
GAIN 28

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	30.8	431.4 mVS
UNKNOWN	6	145.4	213.3 mVS
UNKNOWN	8	253.8	281.6 mVS
UNKNOWN	9	506.7	1.6 VS

4

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ENGINEERS

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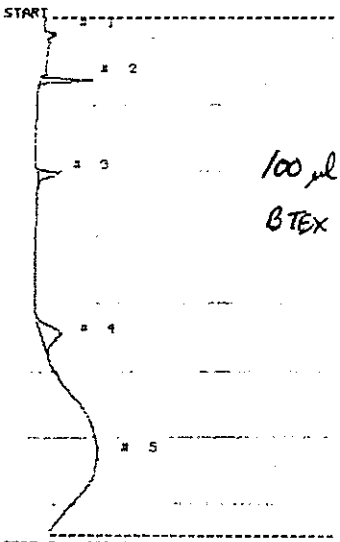


200 µl
SYRINGE
BLANK

STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 15: 1
ANALYSIS # 22
INTERNAL TEMP 25
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	47.4	200.9 mVS
UNKNOWN	3	251.8	257.6 mVS
UNKNOWN	4	350.8	1.2 VS
UNKNOWN	5	508.4	5.4 VS
UNKNOWN	6	612.3	224.1 mVS

PHOTOVAC

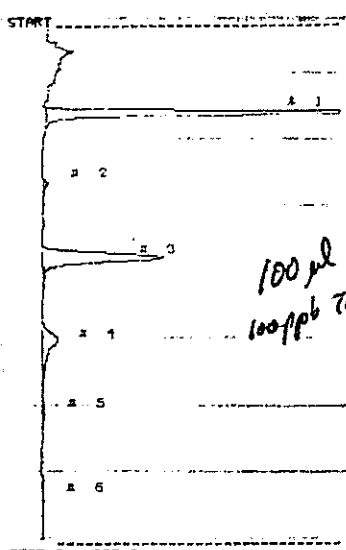


100 µl
BTEX

STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 19:59
ANALYSIS # 24
INTERNAL TEMP 25
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	102.1	804.5 mVS
UNKNOWN	3	250.8	701.8 mVS
UNKNOWN	4	501.3	1.4 VS

PHOTOVAC

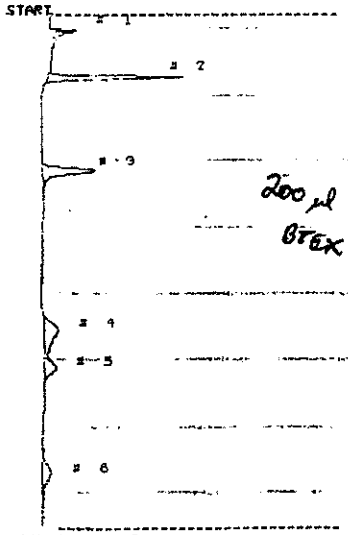


100 µl
100 ppb TCE

STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 20: 0
ANALYSIS # 26
INTERNAL TEMP 25
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	135.0	3.6 VS
UNKNOWN	2	250.8	130.2 mVS
UNKNOWN	3	367.7	5.8 VS
UNKNOWN	4	438.6	1.5 VS

PHOTOVAC

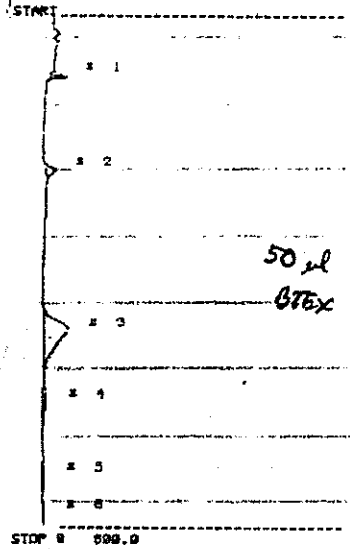


200 µl
BTEX

STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 19:16
ANALYSIS # 23
INTERNAL TEMP 25
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	181.5	2.2 VS
UNKNOWN	3	249.8	1.8 VS
UNKNOWN	4	502.2	1.8 VS
UNKNOWN	5	661.1	536.6 mVS
UNKNOWN	6	730.2	684.9 mVS

PHOTOVAC

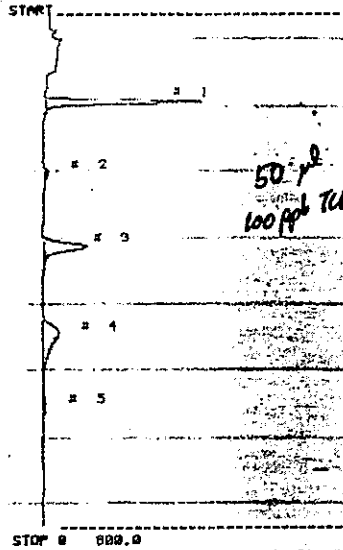


50 µl
BTEX

STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 19:45
ANALYSIS # 25
INTERNAL TEMP 25
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	188.7	233.3 mVS
UNKNOWN	2	250.3	326.5 mVS
UNKNOWN	3	502.2	3.3 VS
UNKNOWN	4	615.6	151.4 mVS

PHOTOVAC



50 µl
100 ppb TCE

STOP @ 800.0
SAMPLE LIBRARY 1 APR 17 1996 20:15
ANALYSIS # 27
INTERNAL TEMP 25
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	141.2	3.4 VS
UNKNOWN	2	254.3	128.2 mVS
UNKNOWN	3	379.5	1.9 VS
UNKNOWN	4	586.7	1.3 VS

BLASLAND BOUCK & LEE, INC.

SUBJECT	PROJ. NO.	BY	DATE	SHEET
PHOTOVAC				

START

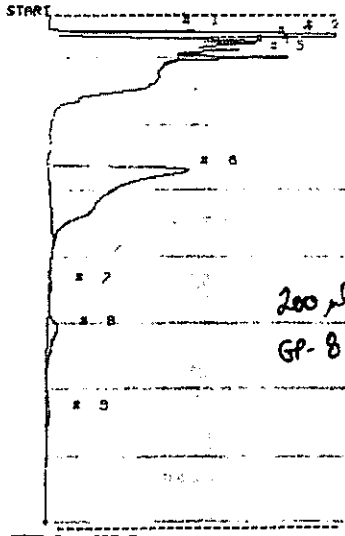
200 µl
SYRINGE
BLANK

STOP @ 600.0
SAMPLE LIBRARY 1 APR 17 1996 20:31
ANALYSIS # 28
INTERNAL TEMP 25
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	2	47.2	132.2	mVS
UNKNOWN	3	252.8	422.3	mVS
UNKNOWN	4	378.5	1.5	VS
UNKNOWN	5	592.2	6.1	VS
UNKNOWN	6	612.3	238.3	mVS

PHOTOVAC

START



200 µl
GP-8

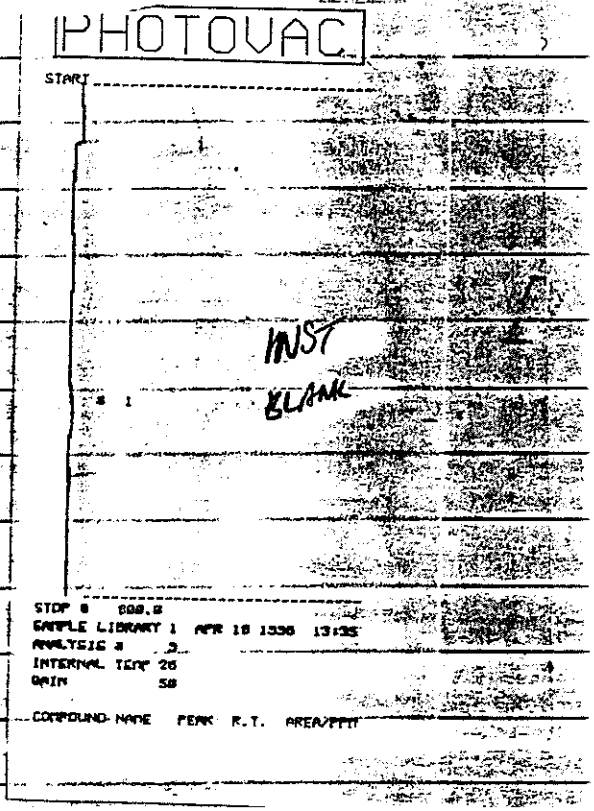
STOP @ 600.0
SAMPLE LIBRARY 1 APR 17 1996 20:46
ANALYSIS # 29
INTERNAL TEMP 25
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	1	28.2	1.8	VS
UNKNOWN	2	33.8	7.1	VS
UNKNOWN	3	45.8	171.5	mVS
UNKNOWN	4	52.5	354.4	mVS
UNKNOWN	5	78.5	1.3	VS
UNKNOWN	6	258.3	18.8	VS
UNKNOWN	8	588.4	1.8	VS
UNKNOWN	9	632.1	272.5	mVS

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

SUBJECT	PROJ. NO.	BY	DATE	SHEET
GM - Willow Run Cat Site GC Analysis 4/24/96				

1- Inst blank
2- Syringe blank 250 µl (zero air)
3- Syringe blank 250 µl (trailer air)
4- Syringe blank 200 µl (zero air)
5- Syringe blank 250 µl (trailer air)
6- water blank 250 µl
7- water blank 200 µl
8- 200 µl 100 ppb TCE
9- Inst blank
10- 200 µl syringe blank (zero) — new syringe
11- 200 µl syringe blank (trailer)
12- 200 µl water blank
13- 200 µl BTEX
14- 100 µl BTEX
15- 200 µl BTEX
16- ~~200~~ 250 µl BTEX
17- 100 µl 100 ppb TCE
18- 50 µl 100 ppb TCE
19- 100 µl GP-15
20- 100 µl water blank
21- 100 µl water blank
22- 200 µl syringe blank
23- 50 µl GP-12 } may not have allowed sufficient time for vapors to accumulate in headspace
24- 100 µl GP-13 }
25- 100 µl GP-13 [DUP]
26- 100 µl GP-13 "
27- 50 µl GP-12 [DUP]
28- 50 µl water blank
29- 50 µl GP-12 [DUP]
30- 100 µl BTEX
31- 200 µl GP-12
32- 50 µl GP-11 (free product on surface of trap)
33- 100 µl GP-11
34- 200 µl GP-11
35- 200 µl water blank
36- 200 µl 13A
37- 200 µl 13A [DUP]
38- 200 µl 12A
39- 200 µl 12A [DUP]
40- 200 µl GP-14
41- 200 µl Water blank
42- 50 µl BTEX

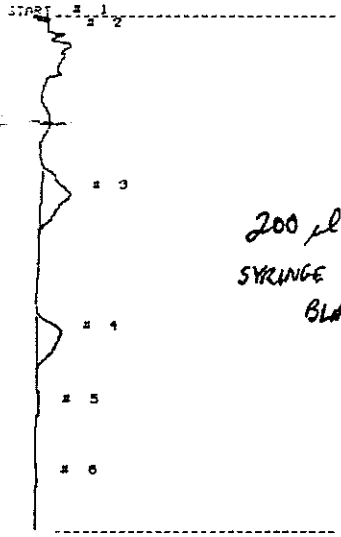


BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

To: SVEN (407) 395-6715

SUBJECT J. NI SHEET

PHOTOVAC

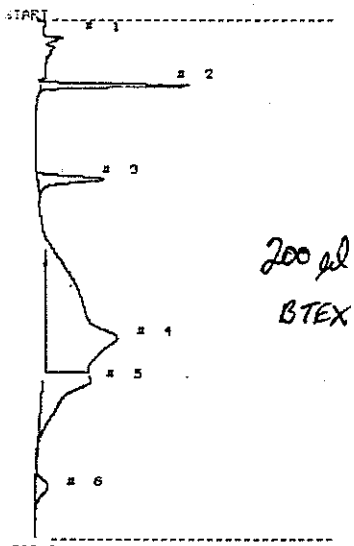


200 µl SYRINGE BLANK

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1996 13:53
ANALYSIS # 11
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	3	281.3	1.5	US
UNKNOWN	4	388.4	3.6	US

PHOTOVAC

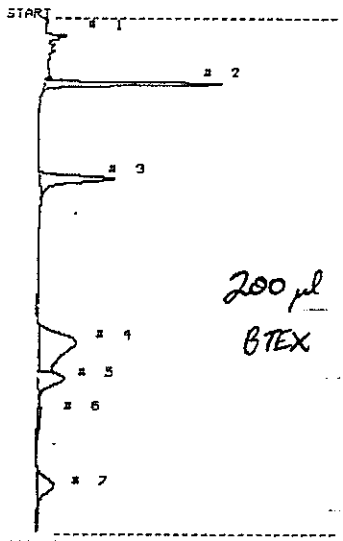


200 µl BTEX

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1996 14:22
ANALYSIS # 13
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	2	193.7	2.6	US
UNKNOWN	3	252.3	2.3	US
UNKNOWN	1	502.2	24.3	US
UNKNOWN	5	560.1	6.1	US
UNKNOWN	6	732.8	1.0	US

PHOTOVAC

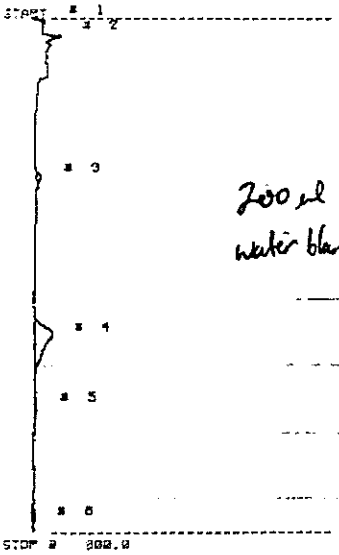


200 µl BTEX

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1996 14:51
ANALYSIS # 15
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	2	193.3	3.1	US
UNKNOWN	3	253.3	2.6	US
UNKNOWN	4	518.3	4.9	US
UNKNOWN	5	568.1	1.7	US
UNKNOWN	6	620.8	148.1	mUS
UNKNOWN	7	738.8	1.4	US

PHOTOVAC

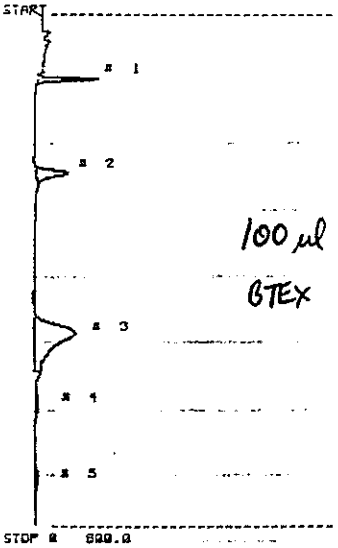


200 µl water blank

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1996 14:16
ANALYSIS # 12
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	3	251.8	176.5	mUS
UNKNOWN	4	388.4	2.2	US

PHOTOVAC

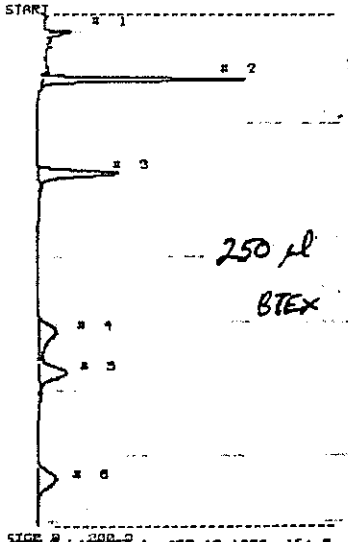


100 µl BTEX

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1996 14:32
ANALYSIS # 14
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	1	193.5	342.0	mUS
UNKNOWN	2	259.3	1.1	US
UNKNOWN	3	505.8	4.8	US
UNKNOWN	4	-616.7	284.7	mUS
UNKNOWN	5	736.7	308.3	mUS

PHOTOVAC



250 µl BTEX

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1996 15:18
ANALYSIS # 16
INTERNAL TEMP 27
GAIN 50

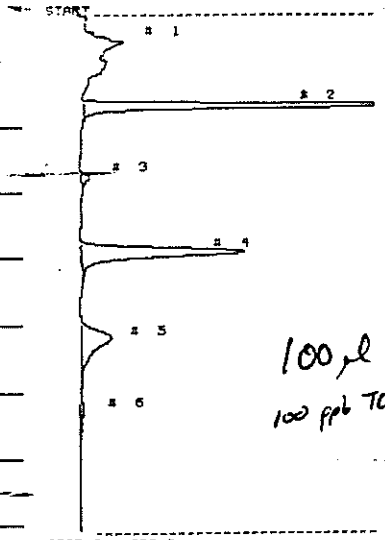
COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	2	194.1	3.7	US
UNKNOWN	3	254.3	2.3	US
UNKNOWN	4	506.7	1.3	US
UNKNOWN	5	570.1	1.3	US
UNKNOWN	6	740.6	1.8	US

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PHOTOVAC

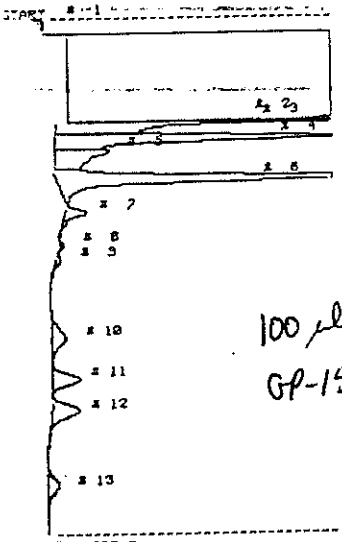


100 µl
100 ppb TCE

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1556 15:20
ANALYSIS # 17
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	142.1	11.8 uS
UNKNOWN	3	255.8	285.6 mVS
UNKNOWN	4	373.3	8.4 uS
UNKNOWN	5	508.5	2.1 uS
UNKNOWN	6	628.8	287.6 mVS

PHOTOVAC

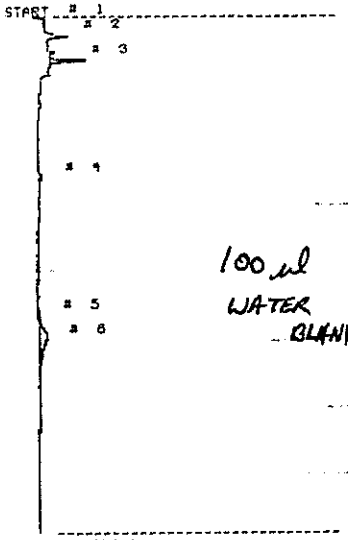


100 µl
GP-15

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1556 15:51
ANALYSIS # 15
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	92.1	2.5 KVS
UNKNOWN	3	163.8	7.9 uS
UNKNOWN	4	188.9	11.5 uS
UNKNOWN	5	210.1	4.1 uS
UNKNOWN	6	251.4	18.6 uS
UNKNOWN	7	387.1	986.0 mVS
UNKNOWN	8	458.1	142.8 mVS
UNKNOWN	10	534.3	1.2 uS
UNKNOWN	11	568.1	1.6 uS
UNKNOWN	12	617.8	2.8 uS
UNKNOWN	13	736.7	982.6 mVS

PHOTOVAC

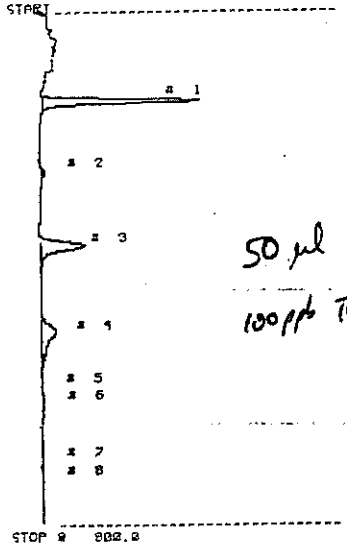


100 µl
WATER BLANK

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1556 16:22
ANALYSIS # 21
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	3	78.5	356.8 mVS
UNKNOWN	6	584.3	978.5 mVS

PHOTOVAC

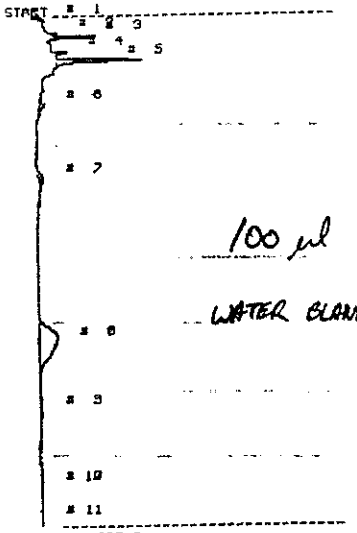


50 µl
100 ppb TCE

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1556 15:36
ANALYSIS # 18
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	142.7	3.5 uS
UNKNOWN	2	254.8	133.0 mVS
UNKNOWN	3	370.3	2.1 uS
UNKNOWN	4	506.7	1.4 uS

PHOTOVAC

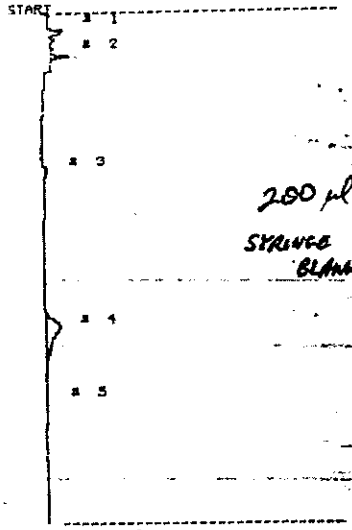


100 µl
WATER BLANK

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1556 16:7
ANALYSIS # 20
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	3	33.4	284.8 mVS
UNKNOWN	5	71.5	1.9 uS
UNKNOWN	7	257.8	132.5 mVS
UNKNOWN	8	513.3	2.5 uS
UNKNOWN	9	625.3	161.1 mVS

PHOTOVAC



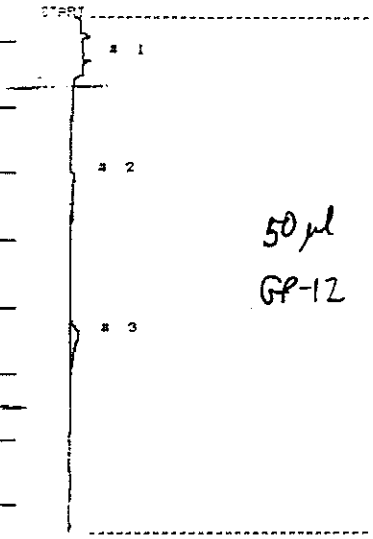
200 µl
STRIPPER BLANK

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1556 16:48
ANALYSIS # 22
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	78.5	156.8 mVS
UNKNOWN	4	580.4	1.5 uS

4/20

PHOTOVAC

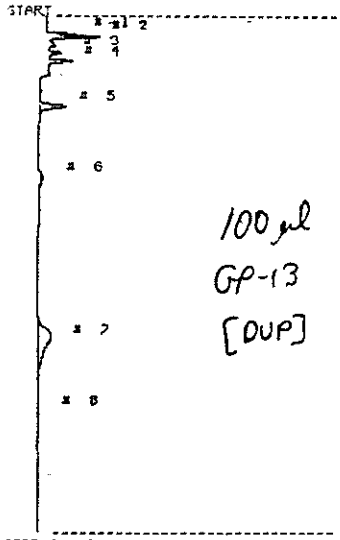


50 µl
GP-12

STOP @ 800.0
SAMPLE LIBRARY 1 APR 18 1996 16:56
ANALYSIS # 23
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	3	533.1	388.3 mUS

PHOTOVAC

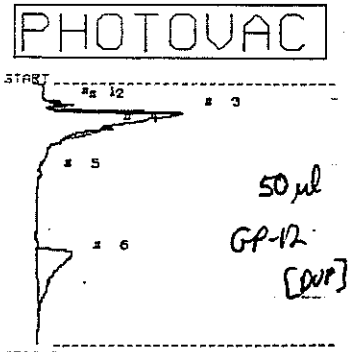


100 µl
GP-13
[DUP]

STOP @ 800.0
SAMPLE LIBRARY 1 APR 18 1996 17:25
ANALYSIS # 25
INTERNAL TEMP 28
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	30.5	108.4 mUS
UNKNOWN	2	33.5	212.2 mUS
UNKNOWN	4	71.5	212.2 mUS
UNKNOWN	5	142.4	481.4 mUS
UNKNOWN	6	250.3	115.7 mUS
UNKNOWN	7	504.9	1.5 US

PHOTOVAC

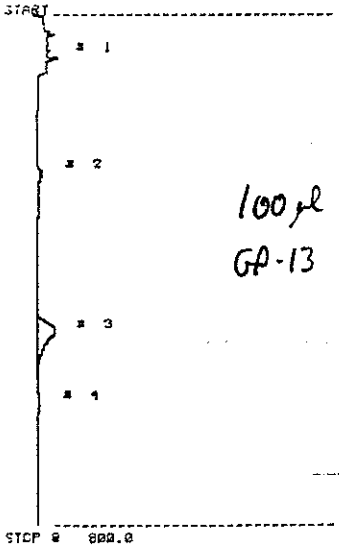


50 µl
GP-12
[DUP]

STOP @ 400.0
SAMPLE LIBRARY 1 APR 18 1996 17:40
ANALYSIS # 27
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	33.1	194.1 mUS
UNKNOWN	3	46.7	400.6 mUS
UNKNOWN	6	268.3	4.1 US

PHOTOVAC

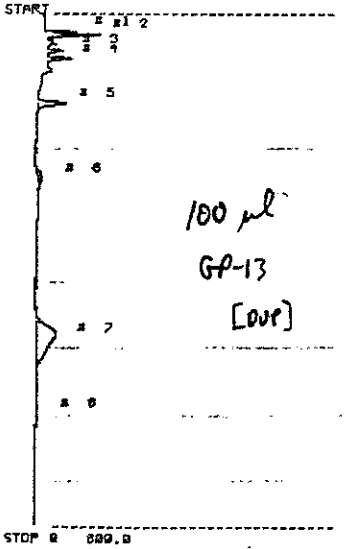


100 µl
GP-13

STOP @ 800.0
SAMPLE LIBRARY 1 APR 18 1996 17:10
ANALYSIS # 24
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	3	250.3	123.6 mUS
UNKNOWN	7	504.2	0.8 US

PHOTOVAC

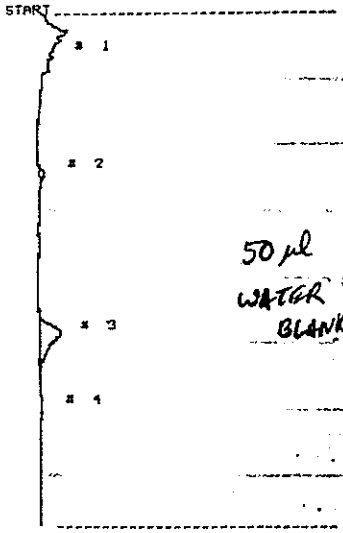


100 µl
GP-13
[DUP]

STOP @ 800.0
SAMPLE LIBRARY 1 APR 18 1996 17:40
ANALYSIS # 26
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	30.2	116.7 mUS
UNKNOWN	2	33.2	292.3 mUS
UNKNOWN	4	71.2	210.9 mUS
UNKNOWN	5	143.0	532.3 mUS
UNKNOWN	6	255.3	163.1 mUS
UNKNOWN	7	503.4	2.4 US

PHOTOVAC



50 µl
WATER
BLANK

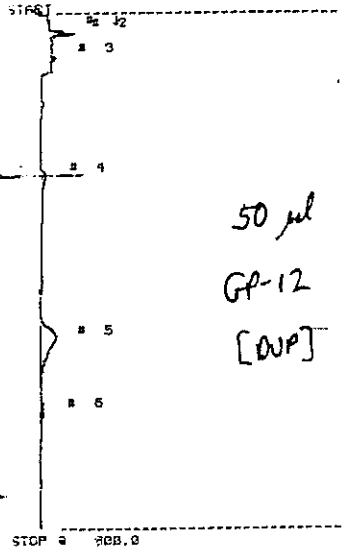
STOP @ 800.0
SAMPLE LIBRARY 1 APR 18 1996 18:2
ANALYSIS # 28
INTERNAL TEMP 28
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	254.8	166.9 mUS
UNKNOWN	3	507.5	2.3 US

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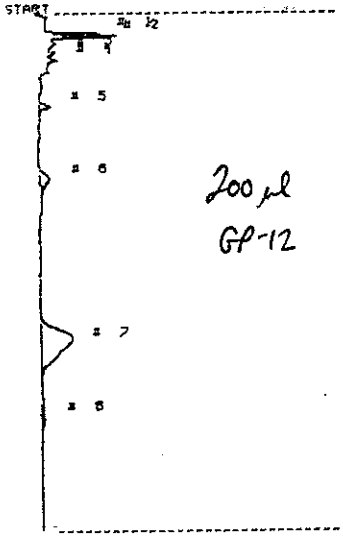
PHOTOVAC



STOP @ 800.0
SAMPLE LIBRARY 1 APR 18 1996 10:17
ANALYSIS # 29
INTERNAL TEMP 28
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	4	252.8	184.3 mVS
UNKNOWN	5	512.1	1.6 VS

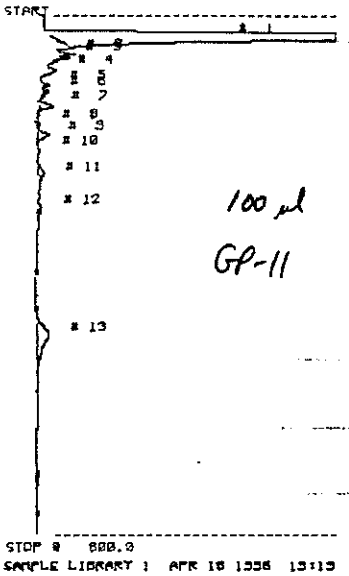
PHOTOVAC



STOP @ 800.0
SAMPLE LIBRARY 1 APR 18 1996 10:43
ANALYSIS # 31
INTERNAL TEMP 28
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	32.1	220.4 mVS
UNKNOWN	2	35.7	204.4 mVS
UNKNOWN	5	146.0	188.1 mVS
UNKNOWN	6	268.3	464.8 mVS
UNKNOWN	7	513.8	3.9 VS
UNKNOWN	8	626.6	205.2 mVS

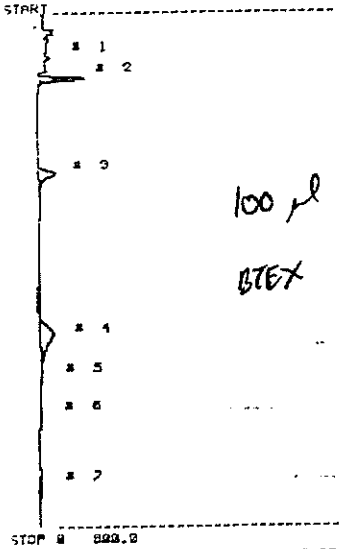
OJ. NC PHOTOVAC HEET



STOP @ 800.0
SAMPLE LIBRARY 1 APR 18 1996 13:13
ANALYSIS # 33
INTERNAL TEMP 28
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	32.3	40.8 VS
UNKNOWN	7	143.8	211.5 mVS
UNKNOWN	9	187.7	263.6 mVS
UNKNOWN	11	251.8	238.6 mVS
UNKNOWN	12	500.4	1.3 VS

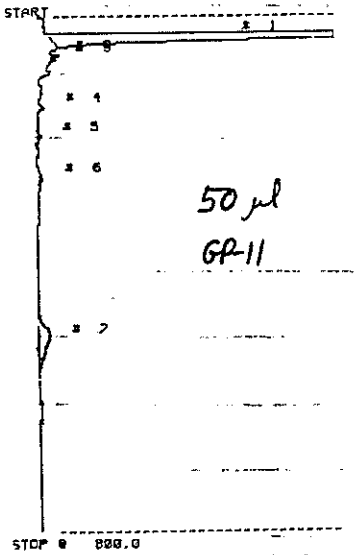
PHOTOVAC



STOP @ 800.0
SAMPLE LIBRARY 1 APR 18 1996 10:33
ANALYSIS # 30
INTERNAL TEMP 28
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	185.1	722.8 mVS
UNKNOWN	3	256.3	583.2 mVS
UNKNOWN	4	511.2	1.3 VS
UNKNOWN	7	743.2	113.2 mVS

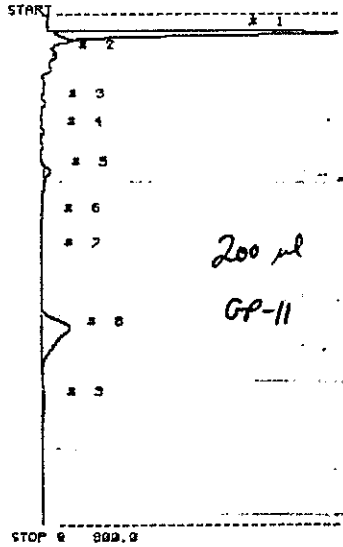
PHOTOVAC



STOP @ 800.0
SAMPLE LIBRARY 1 APR 18 1996 13: 9
ANALYSIS # 32
INTERNAL TEMP 28
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	32.4	33.7 VS
UNKNOWN	7	506.7	1.3 VS

PHOTOVAC



STOP @ 800.0
SAMPLE LIBRARY 1 APR 18 1996 13:38
ANALYSIS # 34
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	30.3	7.8 VS
UNKNOWN	5	258.8	265.2 mVS
UNKNOWN	8	488.5	3.3 VS

4/20

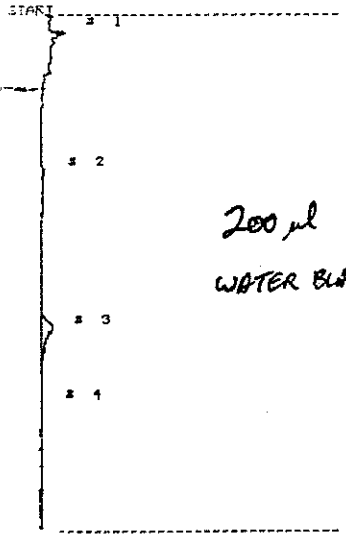
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SUBJECT

PROJ. NO.

SHEET

PHOTOVAC

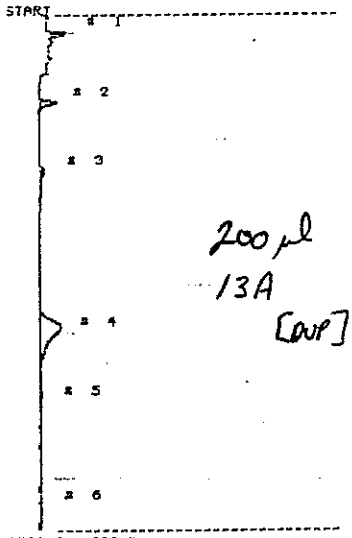


200 µl
WATER BLANK

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1996 19:50
ANALYSIS # 35
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	3	435.0	1.1 US

PHOTOVAC

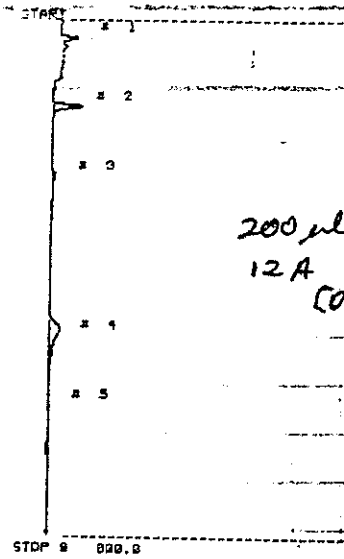


200 µl
13A
[DUP]

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1996 20:15
ANALYSIS # 37
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	138.8	342.6 nUS
UNKNOWN	3	246.3	125.6 nUS
UNKNOWN	4	434.1	2.3 US

PHOTOVAC

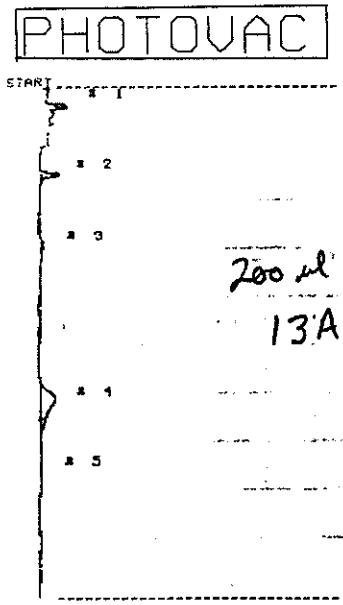


200 µl
12A
[DUP]

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1996 20:42
ANALYSIS # 39
INTERNAL TEMP 26
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	137.6	585.2 nUS
UNKNOWN	4	431.4	1.1 US

PHOTOVAC

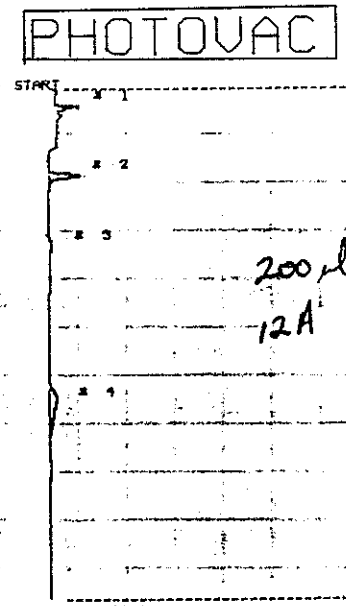


200 µl
13A

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1996 20:5
ANALYSIS # 36
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	140.3	385.2 nUS
UNKNOWN	4	435.3	1.7 US

PHOTOVAC

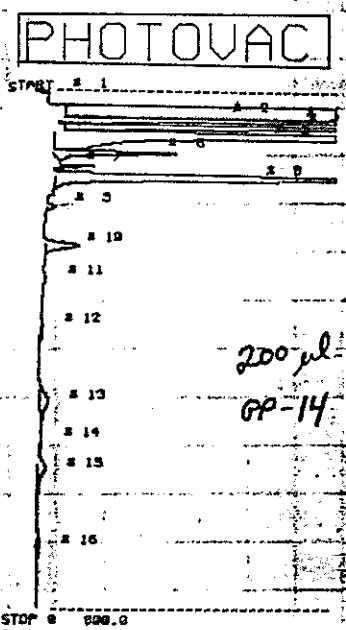


200 µl
12A

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1996 20:33
ANALYSIS # 38
INTERNAL TEMP 27
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	138.5	603.7 nUS
UNKNOWN	4	433.2	315.5 nUS

PHOTOVAC



200 µl
GP-14

STOP @ 900.0
SAMPLE LIBRARY 1 APR 18 1996 21:2
ANALYSIS # 40
INTERNAL TEMP 26
GAIN 50

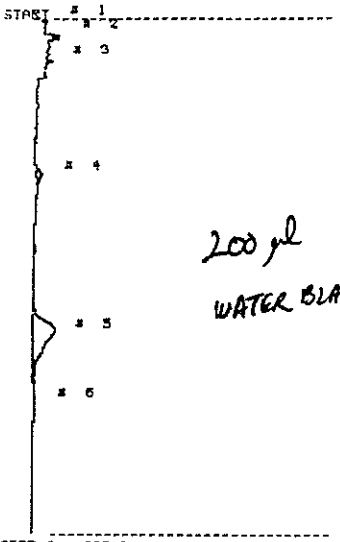
COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	34.6	83.5 US
UNKNOWN	3	46.6	5.6 US
UNKNOWN	4	56.7	18.5 US
UNKNOWN	5	78.3	25.5 US
UNKNOWN	6	99.3	2.4 US
UNKNOWN	7	128.8	181.6 nUS
UNKNOWN	8	136.3	14.9 US
UNKNOWN	9	183.3	138.4 nUS
UNKNOWN	12	245.8	1.1 US
UNKNOWN	13	431.4	747.3 nUS
UNKNOWN	15	537.1	478.6 nUS
UNKNOWN	16	714.3	128.5 nUS

4/20/96

5

BLASLAND, BOUCK & LEE, INC.

SUBJECT		PROJ. NO.	BY	DATE	SHEET
PHOTOVAC					

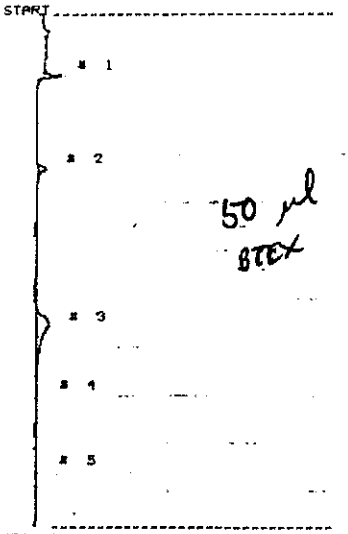


200 µl
WATER BLANK

STOP @ 800.0
SAMPLE LIBRARY 1 APR 16 1996 21:17
ANALYSIS # 41
INTERNAL TEMP 26
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	4	247.8	183.3 mVS
UNKNOWN	5	434.1	2.6 VS

PHOTOVAC



50 µl
BTEX

STOP @ 800.0
SAMPLE LIBRARY 1 APR 16 1996 21:31
ANALYSIS # 42
INTERNAL TEMP 26
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	99.5	238.5 mVS
UNKNOWN	2	245.3	267.3 mVS
UNKNOWN	3	432.3	1.5 VS

4/20/96

6

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

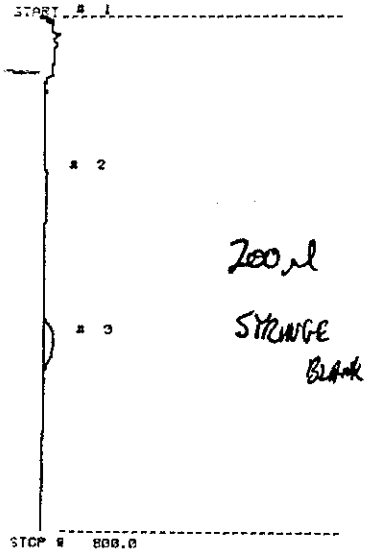
SVEN (407) 395-6715

SUBJECT

. NO.

SHEET

PHOTOVAC

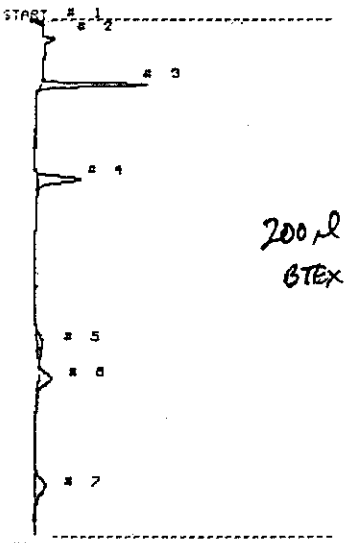


200 µl
SYRINGE
Blank

STOP @ 800.0
SAMPLE LIBRARY 1 APR 28 1336 12:5
ANALYSIS # 55
INTERNAL TEMP 21
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	3	526.7	1.6	US

PHOTOVAC

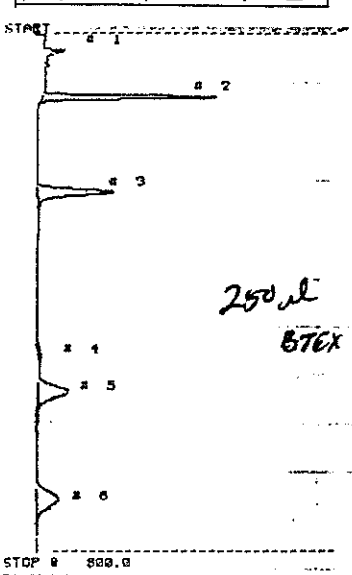


200 µl
BTEX

STOP @ 800.0
SAMPLE LIBRARY 1 APR 28 1336 12:58
ANALYSIS # 57
INTERNAL TEMP 21
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	3	180.9	1.8	US
UNKNOWN	4	258.8	1.5	US
UNKNOWN	5	508.5	485.5	mUS
UNKNOWN	6	565.1	271.0	mUS
UNKNOWN	7	735.4	318.7	mUS

PHOTOVAC

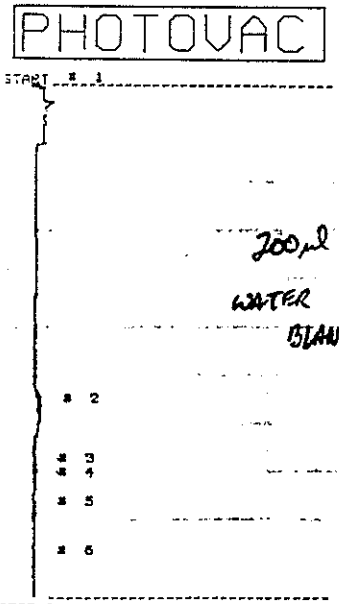


250 µl
BTEX

STOP @ 800.0
SAMPLE LIBRARY 1 APR 28 1336 13:27
ANALYSIS # 59
INTERNAL TEMP 22
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	2	121.3	3.8	US
UNKNOWN	3	251.3	2.6	US
UNKNOWN	5	567.1	1.5	US
UNKNOWN	6	736.2	1.8	US

PHOTOVAC

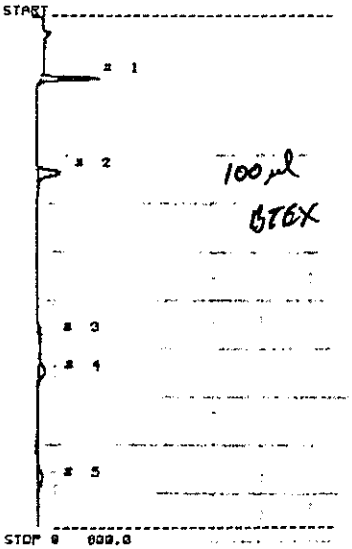


200 µl
WATER
BLANK

STOP @ 800.0
SAMPLE LIBRARY 1 APR 28 1336 12:48
ANALYSIS # 56
INTERNAL TEMP 21
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	2	533.4	222.3	mUS

PHOTOVAC

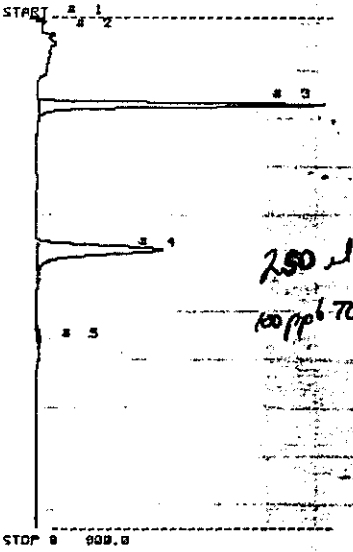


100 µl
BTEX

STOP @ 800.0
SAMPLE LIBRARY 1 APR 28 1336 13:13
ANALYSIS # 58
INTERNAL TEMP 21
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	1	180.7	330.1	mUS
UNKNOWN	2	250.8	221.6	mUS
UNKNOWN	4	566.1	366.3	mUS
UNKNOWN	5	735.4	446.3	mUS

PHOTOVAC



250 µl
100 ppb TCE

STOP @ 800.0
SAMPLE LIBRARY 1 APR 28 1336 13:41
ANALYSIS # 60
INTERNAL TEMP 22
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	3	148.3	7.1	US
UNKNOWN	4	329.5	8.8	US
UNKNOWN	5	513.0	180.1	mUS

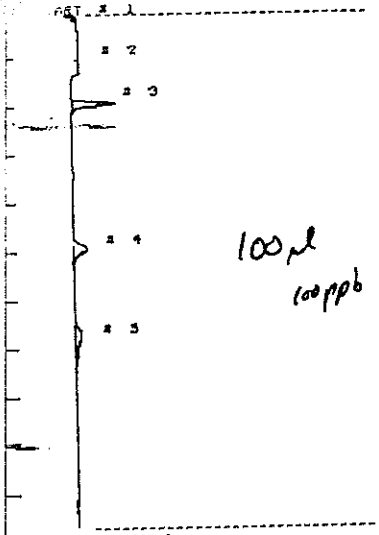
4/28

1

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

SUBJECT

PHOTOVAC

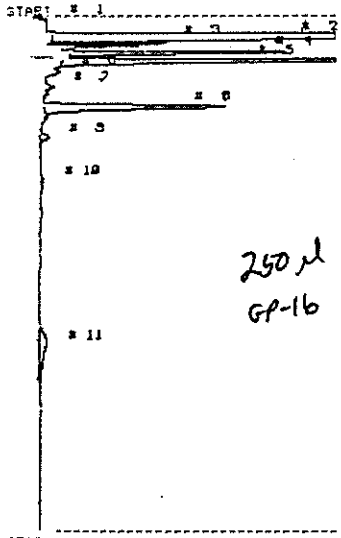


100 µl
100 ppb TCE

STOP @ 900.0
SAMPLE LIBRARY 1 APR 28 1336 13:57
ANALYSIS # 61
INTERNAL TEMP 22
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	3	148.3	854.2	mVS
UNKNOWN	4	271.2	783.5	mVS
UNKNOWN	5	508.5	797.3	mVS

PHOTOVAC



250 µl
GP-16

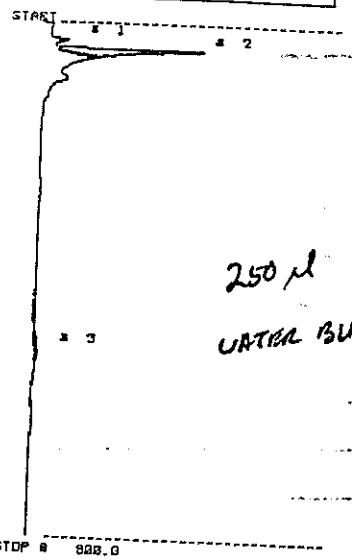
STOP @ 800.0
SAMPLE LIBRARY 1 APR 28 1336 14:25
ANALYSIS # 63
INTERNAL TEMP 22
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	2	32.6	31.2	VS
UNKNOWN	3	42.5	837.7	mVS
UNKNOWN	4	58.1	2.9	VS
UNKNOWN	5	78.6	7.6	VS
UNKNOWN	8	142.1	4.3	VS
UNKNOWN	9	189.7	200.6	mVS
UNKNOWN	11	512.1	846.6	mVS

PROJ. N

PHOTOVAC

SHEET

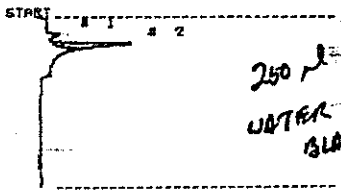


250 µl
WATER BLANK

STOP @ 800.0
SAMPLE LIBRARY 1 APR 28 1336 14:55
ANALYSIS # 65
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	2	13.3	2.5	VS
UNKNOWN	3	511.2	129.2	mVS

PHOTOVAC

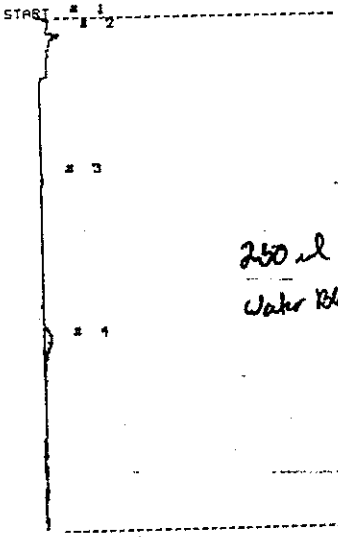


250 µl
WATER BLANK

STOP @ 265.0
SAMPLE LIBRARY 1 APR 28 1336 15:1
ANALYSIS # 66
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	2	13.4	1.8	VS

PHOTOVAC

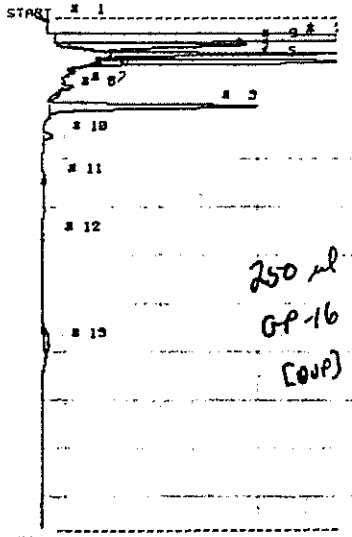


250 µl
Water Blank

STOP @ 800.0
SAMPLE LIBRARY 1 APR 28 1336 14:11
ANALYSIS # 62
INTERNAL TEMP 22
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	4	503.4	353.8	mVS

PHOTOVAC

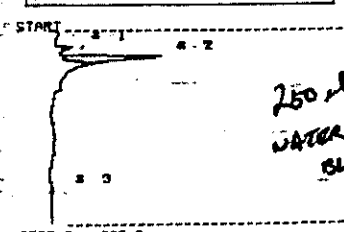


250 µl
GP-16
[DUP]

STOP @ 800.0
SAMPLE LIBRARY 1 APR 28 1336 14:41
ANALYSIS # 64
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	2	31.7	36.4	VS
UNKNOWN	3	42.3	3.5	VS
UNKNOWN	4	57.8	2.3	VS
UNKNOWN	5	65.6	0.8	VS
UNKNOWN	7	118.3	178.3	mVS
UNKNOWN	8	149.3	3.8	VS
UNKNOWN	12	388.5	224.2	mVS
UNKNOWN	13	512.1	483.4	mVS

PHOTOVAC



250 µl
WATER BLANK

STOP @ 383.0
SAMPLE LIBRARY 1 APR 28 1336 15:7
ANALYSIS # 67
INTERNAL TEMP 23
GAIN 50

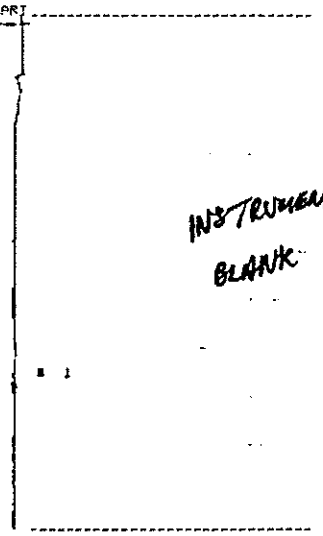
COMPOUND NAME	PEAK	R.T.	AREA/PPM	
UNKNOWN	2	12.7	1.4	VS

4/29/9

(2)

PHOTOVAC

START

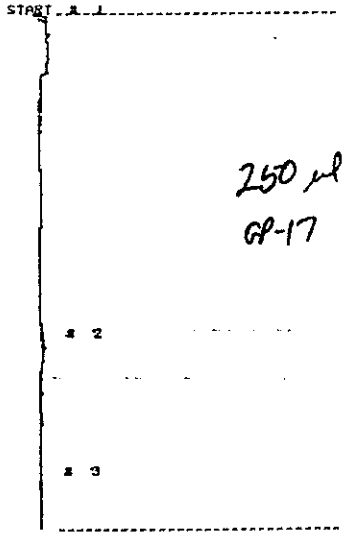


STOP @ 800.0
SAMPLE LIBRARY 1 APR 28 1996 15:21
ANALYSIS # 68
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME PEAK R.T. AREA/PPM

PHOTOVAC

START

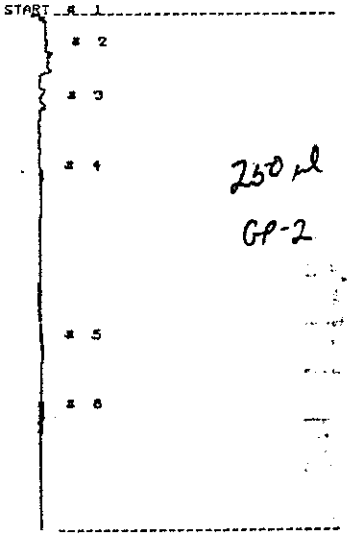


STOP @ 800.0
SAMPLE LIBRARY 1 APR 28 1996 15:50
ANALYSIS # 70
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME PEAK R.T. AREA/PPM

PHOTOVAC

START



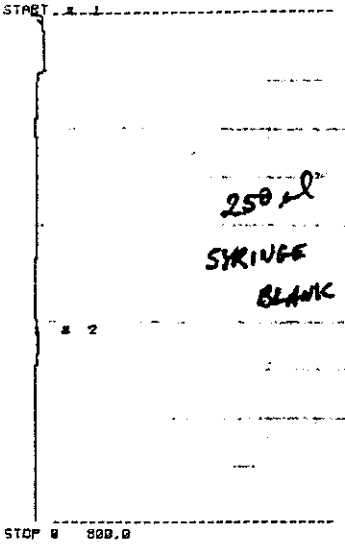
STOP @ 800.0
SAMPLE LIBRARY 1 APR 28 1996 16:13
ANALYSIS # 72
INTERNAL TEMP 24
GAIN 50

COMPOUND NAME PEAK R.T. AREA/PPM

UNKNOWN 4 255.3 183.9 pVS
UNKNOWN 6 625.5 257.7 pVS

PHOTOVAC

START

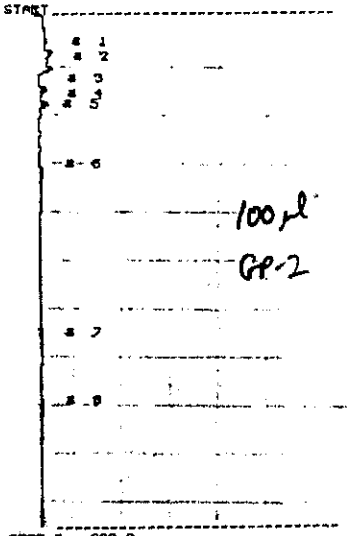


STOP @ 800.0
SAMPLE LIBRARY 1 APR 28 1996 15:36
ANALYSIS # 69
INTERNAL TEMP 23
GAIN 50

COMPOUND NAME PEAK R.T. AREA/PPM

PHOTOVAC

START



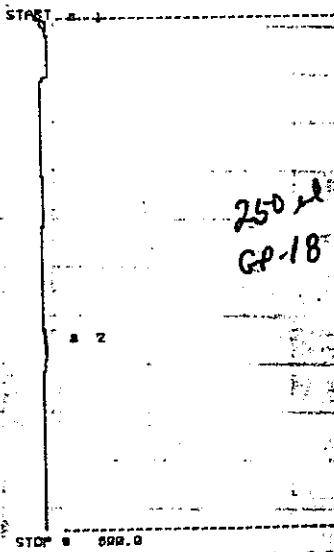
STOP @ 800.0
SAMPLE LIBRARY 1 APR 28 1996 16:05
ANALYSIS # 71
INTERNAL TEMP 24
GAIN 50

COMPOUND NAME PEAK R.T. AREA/PPM

UNKNOWN 4 145.1 161.6 pVS
UNKNOWN 8 623.3 135.0 pVS

PHOTOVAC

START



STOP @ 800.0
SAMPLE LIBRARY 1 APR 28 1996 16:35
ANALYSIS # 73
INTERNAL TEMP 24
GAIN 50

COMPOUND NAME PEAK R.T. AREA/PPM

UNKNOWN 1 18.2 118.6 pVS

11/22/96

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

SUBJECT	PROJ. NO.	BY	DATE	SHEET

PHOTOVAC

START # 1

250 µl
GP-18 [DUP]

2

STOP @ 900.0
SAMPLE LIBRARY 1 APR 28 1336 16:43
ANALYSIS # 74
INTERNAL TEMP 24
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	513.3	488.5 pVS

PHOTOVAC

START

250 µl
GP-1 [DUP]

1

2

STOP @ 900.0
SAMPLE LIBRARY 1 APR 28 1336 17:25
ANALYSIS # 76
INTERNAL TEMP 24
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	517.5	155.3 pVS

PHOTOVAC

START

1
2

250 µl
GP-12

3

4

STOP @ 900.0
SAMPLE LIBRARY 1 APR 28 1336 18: 0
ANALYSIS # 78
INTERNAL TEMP 24
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	3	516.6	165.2 pVS

PHOTOVAC

START

250 µl
GP-1

1

STOP @ 900.0
SAMPLE LIBRARY 1 APR 28 1336 17: 3
ANALYSIS # 75
INTERNAL TEMP 24
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM

PHOTOVAC

START

250 µl
GP-19

1

2

STOP @ 900.0
SAMPLE LIBRARY 1 APR 28 1336 17:45
ANALYSIS # 77
INTERNAL TEMP 24
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM

PHOTOVAC

START # 1

2

250 µl
GP-16

3

STOP @ 900.0
SAMPLE LIBRARY 1 APR 28 1336 18:15
ANALYSIS # 79
INTERNAL TEMP 25
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	13.8	103.3 pVS
UNKNOWN	3	516.6	582.7 pVS

4/22

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

SUBJECT	PROJ. NO.	BY	DATE	SHEET
GM - Willow Run CATS/L				

start at #53

53 - Inst Blank
54 - Inst Blank
55 - 200 µl Syringe Blank
56 - 200 µl Water Blank
57 - 200 µl BTEX
58 - 100 µl BTEX
59 - 250 µl BTEX
60 - 250 µl 100 ppb TCE
61 - 100 µl 100 ppb TCE
62 - 250 µl Water Blank
63 - 250 µl GP-16
64 - 250 µl GP-16 [E
65 - 250 µl Water Blank
66 - 250 µl Water Blank
67 - 250 µl Water Blank
68 - Inst Blank
69 - 250 µl Syringe Blank
70 - 250 µl GP-17
71 - 100 µl GP-2
72 - 250 µl GP-2
73 - 250 µl GP-18
74 - 250 µl GP-18 [DU
75 - 250 µl GP-1
76 - 250 µl GP-1 [DU
77 - 250 µl GP-19
78 - 250 µl GP-12 (Re

PHOTOVAC

START

1 — 150 µl 50 ppb TCE
2 — 100 µl 50 ppb TCE
3 — 250 µl GP-12 [Ran from 4/20 - 2nd vial]
250 µl BTEX
150 µl BTEX
4 — 250 µl Syringe Blank
250 µl 100 ppb TCE

STOP @ 888.8
SAMPLE LIBRARY 1 APR 28 1336 11:48
ANALYSIS # 53
INTERNAL TEMP 21
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	252.3	178.2 mVS
UNKNOWN	3	505.8	5.2 US
UNKNOWN	4	618.3	356.7 mVS

PHOTOVAC

START

1 — 3 GC Boxes
Trackng # 763708443 1

STOP @ 888.8
SAMPLE LIBRARY 1 APR 28 1336 11:55
ANALYSIS # 54
INTERNAL TEMP 21
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	516.8	1.4 US