



BOARD OF COUNTY COMMISSIONERS

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January 17, 1995

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SL-94-545

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District Three

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District Four

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Donald D. Stilwell
County Manager

James G. Yaeger
County Attorney

Diana M. Parker
County Hearing Examiner

Mr. Phil Barbacia
Florida Department of
Environmental Protection
2295 Victoria Avenue
Suite 364
Fort Myers, FL 33901

RE: Lee County Solid Waste Energy Recovery Facility
Power Plant Site Certification #PA 90-30.

Dear Mr. Barbacia:

In accordance with the subject certification, condition XIV. D.3. d and e, please find attached a copy of the quarterly groundwater sampling results. Test results for surface water samples are also included.

If you have any questions, please contact me at 338-3100.

Sincerely,

DEPARTMENT OF SOLID WASTE MANAGEMENT

Lindsey J. Sampson
Deputy Director

LJS/clr

Attachments

cc: K. Johnson (SFWMD, Ft. Myers) w/attachment
II A418

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JAN 19 1995

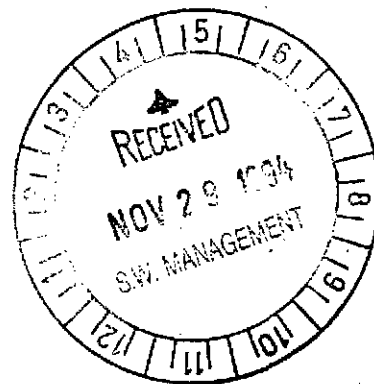
D.E.R. South District

Lee County Environmental Laboratory
60 Danley Drive # 2
Fort Myers, Florida 33907
(813) 278-7288
HRS ID 45031/E45049

II A418

November 16, 1994

Mr. Lindsey Sampson
L.C. Dept. of Solid Waste
cc: Malcolm Pirnie, Inc.



Dear: Mr. Sampson:

Below are the results of analysis of 12 samples received for examination on October 21, 1994:

Sample I.D. AA50172 Location code: WTE-1S
Location Description: Waste to Energy M.W. # 1-S
Sample collector: VICKI
Sample collection date: 10/21/94 Time: 07:30
Lab submittal date: 10/21/94 Time: 14:40

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	0.005	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	6.29	0.03
Lead, AA furnace technique	ug/L	3	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	Not detected	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	Not detected	0.01
pH (electrometric)	pH units	7.2	
Total Dissolved Solids	mg/L	562	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	0.07	0.01
Specific Conductance @ 25oC	umhos/cm	756	1
Elevation, Water Table	Feet NGVD	20.19	0.01

Sample comments:

no lock on well.

Sample I.D. AA50173 Location code: WTE-1D
Location Description: Waste to Energy M.W. # 1-D
Sample collector: VICKI
Sample collection date: 10/21/94 Time: 08:00
Lab submittal date: 10/21/94 Time: 14:40

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JAN 19 1995

D.E.P. South District

November 16, 1994

Mr. Lindsey Sampson Sample I.D. AA50173 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	Not detected	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	0.14	0.03
Lead, AA furnace technique	ug/L	2	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	0.04	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	0.04	0.01
pH (electrometric)	pH units	7.3	
Total Dissolved Solids	mg/L	574	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	0.04	0.01
Specific Conductance @ 25oC	umhos/cm	871	1
Elevation, Water Table	Feet NGVD	18.54	0.01

Sample comments:

well wasn't locked.lock is rusty.wouldn't lock.

Sample I.D. AA50174

Location code: WTE-2S

Location Description: Waste to Energy M.W. # 2-S

Sample collector: VICKI

Sample collection date: 10/21/94 Time: 09:15

Lab submittal date: 10/21/94 Time: 14:40

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	0.002	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	7.03	0.03
Lead, AA furnace technique	ug/L	1	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	0.01	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	0.01	0.01
pH (electrometric)	pH units	7.1	
Total Dissolved Solids	mg/L	612	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	0.07	0.01
Specific Conductance @ 25oC	umhos/cm	815	1
Elevation, Water Table	Feet NGVD	19.85	0.01

Sample I.D. AA50175

Location code: WTE-2D

Location Description: Waste to Energy M.W. # 2-D

Sample collector: VICKI

Sample collection date: 10/21/94 Time: 09:45

Lab submittal date: 10/21/94 Time: 14:40

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	Not detected	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	0.18	0.03
Lead, AA furnace technique	ug/L	10	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	0.04	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	0.04	0.01
pH (electrometric)	pH units	7.1	
Total Dissolved Solids	mg/L	672	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	0.03	0.01
Specific Conductance @ 25oC	umhos/cm	962	1
Elevation, Water Table	Feet NGVD	19.52	0.01

Sample I.D. AA50176

Location code: WTE-3S

Location Description: Waste to Energy M.W. # 3-S

Sample collector: VICKI

Sample collection date: 10/21/94 Time: 01:15

Lab submittal date: 10/21/94 Time: 14:40

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	Not detected	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	1.37	0.03
Lead, AA furnace technique	ug/L	3	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	0.01	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	0.01	0.01
pH (electrometric)	pH units	7.3	
Total Dissolved Solids	mg/L	668	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	0.04	0.01
Specific Conductance @ 25oC	umhos/cm	987	1
Elevation, Water Table	Feet NGVD	19.80	0.01

Sample I.D. AA50177 Location code: WTE-3D
Location Description: Waste to Energy M.W. # 3-D
Sample collector: VICKI
Sample collection date: 10/21/94 Time: 01:45
Lab submittal date: 10/21/94 Time: 14:40

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	Not detected	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	0.11	0.03
Lead, AA furnace technique	ug/L	2	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	0.04	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	0.04	0.01
pH (electrometric)	pH units	7.3	
Total Dissolved Solids	mg/L	596	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	0.04	0.01
Specific Conductance @ 25oC	umhos/cm	1040	1
Elevation, Water Table	Feet NGVD	19.48	0.01

Sample I.D. AA50178 Location code: WTE-4S
Location Description: Waste to Energy M.W. # 4-S
Sample collector: VICKI
Sample collection date: 10/21/94 Time: 12:30
Lab submittal date: 10/21/94 Time: 14:40

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	Not detected	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	1.75	0.03
Lead, AA furnace technique	ug/L	3	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	0.01	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	0.01	0.01
pH (electrometric)	pH units	7.3	
Total Dissolved Solids	mg/L	766	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	0.06	0.01
Specific Conductance @ 25oC	umhos/cm	1360	1
Elevation, Water Table	Feet NGVD	19.48	0.01

November 16, 1994

Sample I.D. AA50179

Location code: WTE-4D

Location Description: Waste to Energy M.W. # 4-D

Sample collector: VICKI

Sample collection date: 10/21/94 Time: 01:00

Lab submittal date: 10/21/94 Time: 14:40

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	Not detected	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	0.10	0.03
Lead, AA furnace technique	ug/L	3	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	0.05	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	0.05	0.01
pH (electrometric)	pH units	7.6	
Total Dissolved Solids	mg/L	526	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	0.02	0.01
Specific Conductance @ 25oC	umhos/cm	958	1
Elevation, Water Table	Feet NGVD	19.17	0.01

Sample I.D. AA50180

Location code: WTE-5S

Location Description: Waste to Energy M.W. # 5-S

Sample collector: VICKI

Sample collection date: 10/21/94 Time: 10:30

Lab submittal date: 10/21/94 Time: 14:40

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	Not detected	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	0.01	0.01
Iron by flame AA	mg/L	2.26	0.03
Lead, AA furnace technique	ug/L	4	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	0.02	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	0.02	0.01
pH (electrometric)	pH units	7.3	
Total Dissolved Solids	mg/L	512	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	0.05	0.01
Specific Conductance @ 25oC	umhos/cm	820	1
Elevation, Water Table	Feet NGVD	19.25	0.01

Sample I.D. AA50181

Location code: WTE-5D

Location Description: Waste to Energy M.W. # 5-D

Sample collector: VICKI

Sample collection date: 10/21/94 Time: 11:00

Lab submittal date: 10/21/94 Time: 14:40

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	Not detected	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	0.21	0.03
Lead, AA furnace technique	ug/L	3	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	0.03	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	0.03	0.01
pH (electrometric)	pH units	7.5	
Total Dissolved Solids	mg/L	630	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	0.05	0.01
Specific Conductance @ 25oC	umhos/cm	1190	1
Elevation, Water Table	Feet NGVD	19.13	0.01

Sample I.D. AA50182

Location code: WTE-6S

Location Description: Waste to Energy M.W. # 6-S

Sample collector: VICKI

Sample collection date: 10/21/94 Time: 11:30

Lab submittal date: 10/21/94 Time: 14:40

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	Not detected	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	0.01	0.01
Iron by flame AA	mg/L	5.59	0.03
Lead, AA furnace technique	ug/L	1	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	0.02	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	0.02	0.01
pH (electrometric)	pH units	7.3	
Total Dissolved Solids	mg/L	608	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	0.11	0.01
Specific Conductance @ 25oC	umhos/cm	981	1
Elevation, Water Table	Feet NGVD	19.24	0.01

Sample I.D. AA50183

Location code: WTE-6D

Location Description: Waste to Energy M.W. # 6-D

Sample collector: VICKI

Sample collection date: 10/21/94 Time: 12:00

Lab submittal date: 10/21/94 Time: 14:40

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	Not detected	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	0.61	0.03
Lead, AA furnace technique	ug/L	2	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	0.03	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	0.03	0.01
pH (electrometric)	pH units	7.4	
Total Dissolved Solids	mg/L	752	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	0.02	0.01
Specific Conductance @ 25oC	umhos/cm	1530	1
Elevation, Water Table	Feet NGVD	19.09	0.01

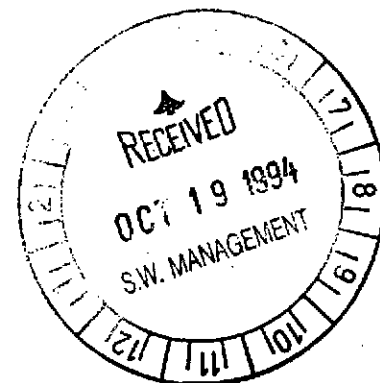
Please advise should you have questions concerning these data.

Respectfully submitted,



Keith A. Kibbey
Laboratory Director
Division of Natural Resources Management

Lee County Environmental Laboratory
60 Danley Drive # 2
Fort Myers, Florida 33907
(813) 278-7288
HRS ID 45031/E45049



October 13, 1994

Mr. Lindsey Sampson
L.C. Dept. of Solid Waste
cc: Malcolm Pirnie, Inc.

Dear: Mr. Sampson:

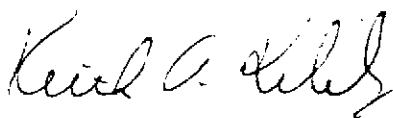
Below are the results of analysis of 1 sample received for examination on October 5, 1994:

Sample I.D. AA49649 Location code: WTESW
Location Description: Waste to Energy Surface Water
Sample collector: VICKI
Sample collection date: 10/05/94 Time: 11:00
Lab submittal date: 10/05/94 Time: 12:28

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Alkalinity, Total	mg/L as CaCO3	122	1
Chemical Oxygen Demand	mg/L	18	1
Oxygen, Dissolved, Winkler	mg/L	5.4	0.1
pH (electrometric)	pH units	7.9	
Specific Conductance @ 25oC	umhos/cm	337	1
Total Organic Carbon	mg/L	8	1
Total Suspended Solids	mg/L	14	1
Turbidity (Nephelometric)	NTU	18.2	0.1

Please advise should you have questions concerning these data.

Respectfully submitted,


Keith A. Kibbey
Laboratory Director
Division of Natural Resources Management

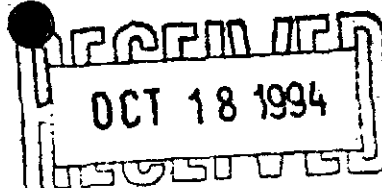
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D.E.P. South District

Lee County Environmental Laboratory
60 Danley Drive # 2
Fort Myers, Florida 33907
(813) 278-7288
HRS ID 45031/E45049



October 13, 1994

Mr. Lindsey Sampson
L.C. Dept. of Solid Waste
cc: Malcolm Pirnie, Inc. ✓

Dear: Mr. Sampson:

Below are the results of analysis of 1 sample received for examination on October 5, 1994:

Sample I.D. AA49649 Location code: WTESW
Location Description: Waste to Energy Surface Water
Sample collector: VICKI
Sample collection date: 10/05/94 Time: 11:00
Lab submittal date: 10/05/94 Time: 12:28

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Alkalinity, Total	mg/L as CaCO ₃	122	1
Chemical Oxygen Demand	mg/L	18	1
Oxygen, Dissolved, Winkler	mg/L	5.4	0.1
pH (electrometric)	pH units	7.9	
Specific Conductance @ 25°C	umhos/cm	337	1
Total Organic Carbon	mg/L	8	1
Total Suspended Solids	mg/L	14	1
Turbidity (Nephelometric)	NTU	18.2	0.1

Please advise should you have questions concerning these data.

Respectfully submitted,

Keith A. Kibbey
Laboratory Director
Division of Natural Resources Management

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JAN 19 1995

D.E.P. South Division

Lee County Environmental Laboratory
60 Danley Drive # 2
Fort Myers, Florida 33907
(813) 278-7288
HRS ID 45031/E45049

January 4, 1995

Mr. Lindsey Sampson
L.C. Dept. of Solid Waste
cc: Malcolm Pirnie, Inc.

Dear: Mr. Sampson:

Below are the results of analysis of 1 sample received for examination on December 2, 1994:

Sample I.D. AA51483 Location code: WTESW
Location Description: Waste to Energy Surface Water
Sample collector: VICKI
Sample collection date: 12/02/94 Time: 02:00
Lab submittal date: 12/02/94 Time: 13:42

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Alkalinity, Total	mg/L as CaCO3	126	1
Chemical Oxygen Demand	mg/L	41	1
Oxygen, Dissolved, Winkler	mg/L	7.8	0.1
pH (electrometric)	pH units	8.3	
Specific Conductance @ 25oC	umhos/cm	388	1
Total Organic Carbon	mg/L	18	1
Total Suspended Solids	mg/L	10	1
Turbidity (Nephelometric)	NTU	8.8	0.01

Please advise should you have questions concerning these data.

Respectfully submitted,



Keith A. Kibbey
Laboratory Director
Division of Natural Resources Management

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JAN 19 1995

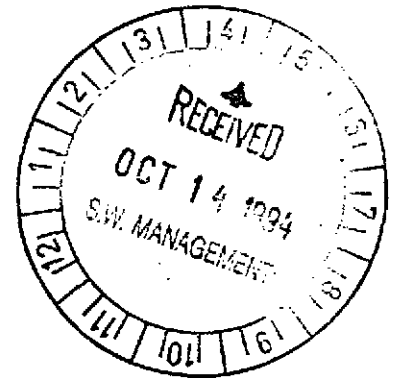
D.E.P. SOUTH DISTRICT

Lee County Environmental Laboratory
60 Danley Drive # 2
Fort Myers, Florida 33907
(813) 278-7288
HRS ID 45031/E45049

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JAN 19 1995

D.E.P. South District



October 3, 1994

Mr. Lindsey Sampson
L.C. Dept. of Solid Waste
cc: Malcolm Pirnie, Inc.

Dear: Mr. Sampson:

Below are the results of analysis of 1 sample received for examination on August 11, 1994:

Sample I.D. AA48157 Location code: WTESW2
Location Description: waste to energy surface water
Sample collector: VICKI
Sample collection date: 08/11/94 Time: 10:00
Lab submittal date: 08/11/94 Time: 12:54

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Alkalinity, Total	mg/L as CaCO3	132	1
Chemical Oxygen Demand	mg/L	12	1
Oxygen, Dissolved, Winkler	mg/L	5.0	0.1
pH (electrometric)	pH units	8.4	
Specific Conductance @ 25oC	umhos/cm	430	1
Total Organic Carbon	mg/L	18	1
Total Suspended Solids	mg/L	119	1
Turbidity (Nephelometric)	NTU	9.3	0.01
Oil & Grease	mg/L	Not detected	5
Aluminum, AA, direct asperation	mg/L	Not detected	0.10
Antimony by flame AA	mg/L	Not detected	0.2
Beryllium by flame AA	ug/L	Not detected	5
Cadmium by flame AA	mg/L	Not detected	0.005
Copper by flame AA	mg/L	Not detected	0.01
Cyanide, Total	mg/L	Not detected	0.002
Iron by flame AA	mg/L	0.05	0.03
Lead, AA furnace technique	ug/L	Not detected	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nickel by flame AA	mg/L	0.04	0.04
Selenium, AA furnace technique	mg/L	0.002	0.002
Silver by flame AA	mg/L	Not detected	0.01
Zinc by flame AA	mg/L	Not detected	0.01

Multicomponent analysis:

Benzene	Not detected	1
Chlorobenzene	Not detected	1
1,2-Dichlorobenzene	Not detected	1
1,3-Dichlorobenzene	Not detected	1
1,4-Dichlorobenzene	Not detected	1
Ethylbenzene	Not detected	1
Toluene	Not detected	1

October 3, 1994

Mr. Lindsey Sampson Sample I.D. AA48157 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT

Multicomponent analysis: (continued)			
o-Xylene		Not detected	1
m,p-Xylene		Not detected	1
MTBE		Not detected	1
Multicomponent analysis: Purgeable Halocarbons			
Chloromethane	ug/L	Not detected	1.0
Bromomethane	ug/L	Not detected	1.0
Vinyl Chloride	ug/L	Not detected	1.0
Dichlorodifluoromethane	ug/L	Not detected	1.0
Chloroethane	ug/L	Not detected	1.0
Methylene chloride	ug/L	Not detected	1.0
1,1-Dichloroethene	ug/L	Not detected	1.0
Trichlorofluoromethane	ug/L	Not detected	1.0
1,1-Dichloroethane	ug/L	Not detected	1.0
t-1,2-Dichloroethene	ug/L	Not detected	1.0
Chloroform	ug/L	Not detected	1.0
1,2-Dichloroethane	ug/L	Not detected	1.0
1,1,1-Trichloroethane	ug/L	Not detected	1.0
Carbon tetrachloride	ug/L	Not detected	1.0
Bromodichloromethane	ug/L	Not detected	1.0
1,2-Dichloropropane	ug/L	Not detected	1.0
t-1,3-Dichloropropene	ug/L	Not detected	1.0
Trichloroethene	ug/L	Not detected	1.0
Dibromochloromethane	ug/L	Not detected	1.0
c-1,3-Dichloropropene	ug/L	Not detected	1.0
2-Chloroethylvinylether	ug/L	Not detected	1.0
Bromoform	ug/L	Not detected	1.0
Chlorobenzene	ug/L	Not detected	1.0
1,1,2,2-tetrachloroethane	ug/L	Not detected	1.0
Tetrachloroethene	ug/L	Not detected	1.0
1,2-Dichlorobenzene	ug/L	Not detected	1.0
1,3-Dichlorobenzene	ug/L	Not detected	1.0
1,4-Dichlorobenzene	ug/L	Not detected	1.0

Please advise should you have questions concerning these data.

Respectfully submitted,



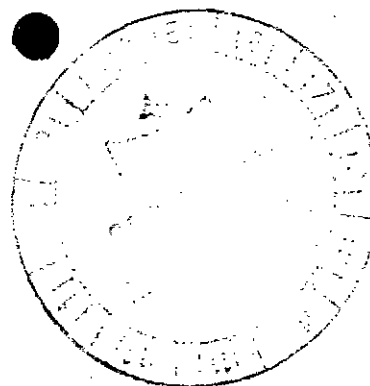
Keith A. Kibbey
Laboratory Director
Division of Natural Resources Management

Lee County Environmental Laboratory
60 Danley Drive # 2
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HRS ID 45031/E45049

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D.E.P. South District



September 8, 1994

Mr. Lindsey Sampson
L.C. Dept. of Solid Waste
cc: Malcolm Pirnie, Inc.

Dear: Mr. Sampson:

Below are the results of analysis of 12 samples received for examination on July 27, 1994:

Sample I.D. AA47593

Location code: WTE-1S

Location Description: Waste to Energy M.W. # 1-S

Sample collector: VICKI

Sample collection date: 07/27/94 Time: 10:00

Lab submittal date: 07/27/94 Time: 14:41

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	0.006	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	8.58	0.03
Lead, AA furnace technique	ug/L	Not detected	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	Not detected	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	Not detected	0.01
pH (electrometric)	pH units	7.3	
Total Dissolved Solids	mg/L	410	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	1.03	0.01
Specific Conductance @ 25oC	umhos/cm	744	1
Elevation, Water Table	Feet NGVD	18.61	0.01

Multicomponent analysis: Purgeables Method 624

Chloromethane	ug/L	Not detected	10
Bromomethane	ug/L	Not detected	10
Vinyl chloride	ug/L	Not detected	10
Chloroethane	ug/L	Not detected	10
Methylene chloride	ug/L	Not detected	5
Trichlorofluoromethane	ug/L	Not detected	5
1,1-Dichloroethene	ug/L	Not detected	5
1,1-Dichloroethane	ug/L	Not detected	5
trans-1,2-Dichloroethane	ug/L	Not detected	5
Chloroform	ug/L	Not detected	5
1,2-Dichloroethane	ug/L	Not detected	5
1,1,1-trichloroethane	ug/L	Not detected	5
Carbon Tetrachloride	ug/L	Not detected	5
Bromodichloromethane	ug/L	Not detected	5

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: Purgeables Method 624 (continued)			
1,2-Dichloropropane	ug/L	Not detected	5
trans-1,3-Dichloropropene	ug/L	Not detected	5
Trichloroethene	ug/L	Not detected	5
Benzene	ug/L	Not detected	5
Dibromochloromethane	ug/L	Not detected	5
1,1,2-Trichloroethane	ug/L	Not detected	5
cis-1,3-Dichloropropene	ug/L	Not detected	5
2-Chloroethylvinyl ether	ug/L	Not detected	10
Bromoform	ug/L	Not detected	5
1,1,2,2-Tetrachloroethane	ug/L	Not detected	5
Tetrachloroethene	ug/L	Not detected	5
Toluene	ug/L	Not detected	5
Chlorobenzene	ug/L	Not detected	5
Ethyl Benzene	ug/L	Not detected	5
1,3-Dichlorobenzene	ug/L	Not detected	5
1,2-Dichlorobenzene	ug/L	Not detected	5
1,4-Dichlorobenzene	ug/L	Not detected	5
Acetone	ug/L	Not detected	10
Carbon Disulfide	ug/L	Not detected	5
MEK 2-Butanone	ug/L	Not detected	10
Vinyl Acetate	ug/L	Not detected	10
4-Methyl-2-Pentanone	ug/L	Not detected	10
2-Hexanone	ug/L	Not detected	10
Styrene	ug/L	Not detected	5
Total Xylenes	ug/L	Not detected	5
Total Organic Carbon	mg/L	35	1
Barium, AA direct aspiration	mg/L	0.04	0.01
Manganese by flame AA	mg/L	0.02	0.01
Nickel by flame AA	mg/L	0.04	0.04
Sodium, AA direct aspiration	mg/L	21.0	0.1
Thallium by flame AA	mg/L	Not detected	0.1
Zinc by flame AA	mg/L	0.01	0.01
Ammonia	mg/L as N	0.21	0.02
Chloride titrimetric HgNO3	mg/L	142	1
Sulfate (turbidimetric)	mg/L	30	1
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA			
Phenol	ug/L	Not detected	10
2-Chlorophenol	ug/L	Not detected	10
2-Methylphenol	ug/L	Not detected	10
4-Methylphenol	ug/L	Not detected	10
2-Nitrophenol	ug/L	Not detected	10
2,4-Dimethylphenol	ug/L	Not detected	10
2,4-Dichlorophenol	ug/L	Not detected	10
4-Chloro-3-methyl phenol	ug/L	Not detected	10
2,4,6-Trichlorophenol	ug/L	Not detected	10
2,4,5-Trichlorophenol	ug/L	Not detected	50
2,4-Dinitrophenol	ug/L	Not detected	50
4-Nitrophenol	ug/L	Not detected	50

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Mr. Lindsey Sampson Sample I.D. AA47593 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
4,6-Dinitro-2methylphenol	ug/L	Not detected	50
Pentachlorophenol	ug/L	Not detected	50
N-Nitroso-dimethylamine	ug/L	Not detected	10
Aniline	ug/L	Not detected	10
Bis(2-chloroethyl) ether	ug/L	Not detected	10
1,3-Dichlorobenzene	ug/L	Not detected	10
1,4-Dichlorobenzene	ug/L	Not detected	10
Benzyl alcohol	ug/L	Not detected	10
1,2-Dichlorobenzene	ug/L	Not detected	10
Bis(2-chloroisopropyl) ether	ug/L	Not detected	10
N-Nitroso-di-n-propylamine	ug/L	Not detected	10
Hexachloroethane	ug/L	Not detected	10
Nitrobenzene	ug/L	Not detected	10
Isophorone	ug/L	Not detected	10
Benzoic Acid	ug/L	Not detected	50
Bis(2-chloroethoxy) methane	ug/L	Not detected	10
1,2,4-Trichlorobenzene	ug/L	Not detected	10
Naphthalene	ug/L	Not detected	10
4-Chloroaniline	ug/L	Not detected	50
Hexachlorobutadiene	ug/L	Not detected	10
2-Methylnaphthalene	ug/L	Not detected	10
Hexachlorocyclopentadiene	ug/L	Not detected	10
2-Chloronaphthalene	ug/L	Not detected	10
2-Nitroaniline	ug/L	Not detected	50
Dimethyl Phthalate	ug/L	Not detected	10
Acenaphthylene	ug/L	Not detected	10
3-Nitroaniline	ug/L	Not detected	50
Acenaphthene	ug/L	Not detected	10
Dibenzofuran	ug/L	Not detected	10
2,4-Dinitrotoluene	ug/L	Not detected	10
2,6-Dinitrotoluene	ug/L	Not detected	10
Diethyl Phthalate	ug/L	Not detected	10
4-Chlorophenyl phenyl ether	ug/L	Not detected	10
Fluorene	ug/L	Not detected	10
4-Nitroaniline	ug/L	Not detected	50
N-Nitrosodiphenylamine	ug/L	Not detected	10
4-Bromophenyl phenyl ether	ug/L	Not detected	10
Hexachlorobenzene	ug/L	Not detected	10
Phenanthrene	ug/L	Not detected	10
Anthracene	ug/L	Not detected	10
Di-n-butyl Phthalate	ug/L	Not detected	10
Fluoranthene	ug/L	Not detected	10
Benzidine	ug/L	Not detected	50
Pyrene	ug/L	Not detected	10
Butyl benzyl phthalate	ug/L	Not detected	10
3,3'-Dichlorobenzidine	ug/L	Not detected	20
Benzo(a)anthracene	ug/L	Not detected	10
bis(2-ethylhexyl)phthalate	ug/L	Not detected	10
Chrysene	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47593 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
Di-n-octyl Phthalate	ug/L	Not detected	10
Benzo(b)fluoranthene	ug/L	Not detected	10
Benzo(k)fluoranthene	ug/L	Not detected	10
Benzo(a)pyrene	ug/L	Not detected	10
Indeno(1,2,3-cd)pyrene	ug/L	Not detected	10
Dibenzo(a,h)anthracene	ug/L	Not detected	10
Benzo(g,h,i)perylene	ug/L	Not detected	10

Sample I.D. AA47594

Location code: WTE-1D

Location Description: Waste to Energy M.W. # 1-D

Sample collector: VICKI

Sample collection date: 07/27/94 Time: 10:00

Lab submittal date: 07/27/94 Time: 14:41

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	0.002	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	Not detected	0.03
Lead, AA furnace technique	ug/L	Not detected	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	Not detected	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	Not detected	0.01
pH (electrometric)	pH units	7.3	
Total Dissolved Solids	mg/L	440	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	1.02	0.01
Specific Conductance @ 25oC	umhos/cm	885	1
Elevation, Water Table	Feet NGVD	17.80	0.01

Multicomponent analysis: Purgeables Method 624

Chloromethane	ug/L	Not detected	10
Bromomethane	ug/L	Not detected	10
Vinyl chloride	ug/L	Not detected	10
Chloroethane	ug/L	Not detected	10
Methylene chloride	ug/L	Not detected	5
Trichlorofluoromethane	ug/L	Not detected	5
1,1-Dichloroethene	ug/L	Not detected	5
1,1-Dichloroethane	ug/L	Not detected	5
trans-1,2-Dichloroethane	ug/L	Not detected	5
Chloroform	ug/L	Not detected	5
1,2-Dichloroethane	ug/L	Not detected	5
1,1,1-trichloroethane	ug/L	Not detected	5
Carbon Tetrachloride	ug/L	Not detected	5

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Mr. Lindsey Sampson Sample I.D. AA47594 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: Purgeables Method 624 (continued)			
Bromodichloromethane	ug/L	Not detected	5
1,2-Dichloropropane	ug/L	Not detected	5
trans-1,3-Dichloropropene	ug/L	Not detected	5
Trichloroethene	ug/L	Not detected	5
Benzene	ug/L	Not detected	5
Dibromochloromethane	ug/L	Not detected	5
1,1,2-Trichloroethane	ug/L	Not detected	5
cis-1,3-Dichloropropene	ug/L	Not detected	5
2-Chloroethylvinyl ether	ug/L	Not detected	10
Bromoform	ug/L	Not detected	5
1,1,2,2-Tetrachloroethane	ug/L	Not detected	5
Tetrachloroethene	ug/L	Not detected	5
Toluene	ug/L	Not detected	5
Chlorobenzene	ug/L	Not detected	5
Ethyl Benzene	ug/L	Not detected	5
1,3-Dichlorobenzene	ug/L	Not detected	5
1,2-Dichlorobenzene	ug/L	Not detected	5
1,4-Dichlorobenzene	ug/L	Not detected	5
Acetone	ug/L	Not detected	10
Carbon Disulfide	ug/L	Not detected	5
MEK 2-Butanone	ug/L	Not detected	5
Vinyl Acetate	ug/L	Not detected	10
4-Methyl-2-Pentanone	ug/L	Not detected	10
2-Hexanone	ug/L	Not detected	10
Styrene	ug/L	Not detected	5
Total Xylenes	ug/L	Not detected	5
Total Organic Carbon	mg/L	14	1
Manganese by flame AA	mg/L	Not detected	0.01
Barium, AA direct aspiration	mg/L	0.04	0.01
Nickel by flame AA	mg/L	0.05	0.04
Sodium, AA direct aspiration	mg/L	56.8	0.1
Thallium by flame AA	mg/L	Not detected	0.1
Zinc by flame AA	mg/L	0.01	0.01
Ammonia	mg/L as N	0.35	0.02
Chloride titrimetric HgNO3	mg/L	102	1
Sulfate (turbidimetric)	mg/L	51	1
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA			
Phenol	ug/L	Not detected	10
2-Chlorophenol	ug/L	Not detected	10
2-Methylphenol	ug/L	Not detected	10
4-Methylphenol	ug/L	Not detected	10
2-Nitrophenol	ug/L	Not detected	10
2,4-Dimethylphenol	ug/L	Not detected	10
2,4-Dichlorophenol	ug/L	Not detected	10
4-Chloro-3-methyl phenol	ug/L	Not detected	10
2,4,6-Trichlorophenol	ug/L	Not detected	10
2,4,5-Trichlorophenol	ug/L	Not detected	50
2,4-Dinitrophenol	ug/L	Not detected	50

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Mr. Lindsey Sampson Sample I.D. AA47594 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
Chrysene	ug/L	Not detected	10
Di-n-octyl Phthalate	ug/L	Not detected	10
Benzo(b)fluoranthene	ug/L	Not detected	10
Benzo(k)fluoranthene	ug/L	Not detected	10
Benzo(a)pyrene	ug/L	Not detected	10
Indeno(1,2,3-cd)pyrene	ug/L	Not detected	10
Dibenzo(a,h)anthracene	ug/L	Not detected	10
Benzo(g,h,i)perylene	ug/L	Not detected	10

Sample I.D. AA47595

Location code: WTE-2S

Location Description: Waste to Energy M.W. # 2-S

Sample collector: VICKI

Sample collection date: 07/27/94 Time: 10:00

Lab submittal date: 07/27/94 Time: 14:41

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	0.004	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	9.94	0.03
Lead, AA furnace technique	ug/L	Not detected	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	Not detected	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	Not detected	0.01
pH (electrometric)	pH units	7.2	
Total Dissolved Solids	mg/L	438	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	1.08	0.01
Specific Conductance @ 25oC	umhos/cm	845	1
Elevation, Water Table	Feet NGVD	18.13	0.01

Multicomponent analysis: Purgeables Method 624

Chloromethane	ug/L	Not detected	10
Bromomethane	ug/L	Not detected	10
Vinyl chloride	ug/L	Not detected	10
Chloroethane	ug/L	Not detected	10
Methylene chloride	ug/L	Not detected	5
Trichlorofluoromethane	ug/L	Not detected	5
1,1-Dichloroethene	ug/L	Not detected	5
1,1-Dichloroethane	ug/L	Not detected	5
trans-1,2-Dichloroethane	ug/L	Not detected	5
Chloroform	ug/L	Not detected	5
1,2-Dichloroethane	ug/L	Not detected	5
1,1,1-trichloroethane	ug/L	Not detected	5

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: Purgeables Method 624 (continued)			
Carbon Tetrachloride	ug/L	Not detected	5
Bromodichloromethane	ug/L	Not detected	5
1,2-Dichloropropane	ug/L	Not detected	5
trans-1,3-Dichloropropene	ug/L	Not detected	5
Trichloroethene	ug/L	Not detected	5
Benzene	ug/L	Not detected	5
Dibromochloromethane	ug/L	Not detected	5
1,1,2-Trichloroethane	ug/L	Not detected	5
cis-1,3-Dichloropropene	ug/L	Not detected	5
2-Chloroethylvinyl ether	ug/L	Not detected	10
Bromoform	ug/L	Not detected	5
1,1,2,2-Tetrachloroethane	ug/L	Not detected	5
Tetrachloroethene	ug/L	Not detected	5
Toluene	ug/L	Not detected	5
Chlorobenzene	ug/L	Not detected	5
Ethyl Benzene	ug/L	Not detected	5
1,3-Dichlorobenzene	ug/L	Not detected	5
1,2-Dichlorobenzene	ug/L	Not detected	5
1,4-Dichlorobenzene	ug/L	Not detected	5
Acetone	ug/L	Not detected	10
Carbon Disulfide	ug/L	Not detected	5
MEK 2-Butanone	ug/L	Not detected	5
Vinyl Acetate	ug/L	Not detected	10
4-Methyl-2-Pentanone	ug/L	Not detected	10
2-Hexanone	ug/L	Not detected	10
Styrene	ug/L	Not detected	5
Total Xylenes	ug/L	Not detected	5
Total Organic Carbon	mg/L	140	1
Barium, AA direct aspiration	mg/L	0.08	0.01
Manganese by flame AA	mg/L	0.05	0.01
Nickel by flame AA	mg/L	0.14	0.04
Sodium, AA direct aspiration	mg/L	33.3	0.1
Thallium by flame AA	mg/L	Not detected	0.1
Zinc by flame AA	mg/L	0.02	0.01
Ammonia	mg/L as N	0.23	0.02
Chloride titrimetric HgNO3	mg/L	80	1
Sulfate (turbidimetric)	mg/L	40	1
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA			
Phenol	ug/L	Not detected	10
2-Chlorophenol	ug/L	Not detected	10
2-Methylphenol	ug/L	Not detected	10
4-Methylphenol	ug/L	Not detected	10
2-Nitrophenol	ug/L	Not detected	10
2,4-Dimethylphenol	ug/L	Not detected	10
2,4-Dichlorophenol	ug/L	Not detected	10
4-Chloro-3-methyl phenol	ug/L	Not detected	10
2,4,6-Trichlorophenol	ug/L	Not detected	10
2,4,5-Trichlorophenol	ug/L	Not detected	50

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Mr. Lindsey Sampson Sample I.D. AA47595 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
2,4-Dinitrophenol	ug/L	Not detected	50
4-Nitrophenol	ug/L	Not detected	50
4,6-Dinitro-2methylphenol	ug/L	Not detected	50
Pentachlorophenol	ug/L	Not detected	50
N-Nitroso-dimethylamine	ug/L	Not detected	10
Aniline	ug/L	Not detected	10
Bis(2-chloroethyl) ether	ug/L	Not detected	10
1,3-Dichlorobenzene	ug/L	Not detected	10
1,4-Dichlorobenzene	ug/L	Not detected	10
Benzyl alcohol	ug/L	Not detected	10
1,2-Dichlorobenzene	ug/L	Not detected	10
Bis(2-chloroisopropyl) ether	ug/L	Not detected	10
N-Nitroso-di-n-propylamine	ug/L	Not detected	10
Hexachloroethane	ug/L	Not detected	10
Nitrobenzene	ug/L	Not detected	10
Isophorone	ug/L	Not detected	10
Benzoic Acid	ug/L	Not detected	50
Bis(2-chloroethoxy) methane	ug/L	Not detected	10
1,2,4-Trichlorobenzene	ug/L	Not detected	10
Naphthalene	ug/L	Not detected	10
4-Chloroaniline	ug/L	Not detected	50
Hexachlorobutadiene	ug/L	Not detected	10
2-Methylnaphthalene	ug/L	Not detected	10
Hexachlorocyclopentadiene	ug/L	Not detected	10
2-Chloronaphthalene	ug/L	Not detected	10
2-Nitroaniline	ug/L	Not detected	50
Dimethyl Phthalate	ug/L	Not detected	10
Acenaphthylene	ug/L	Not detected	10
3-Nitroaniline	ug/L	Not detected	50
Acenaphthene	ug/L	Not detected	10
Dibenzofuran	ug/L	Not detected	10
2,4-Dinitrotoluene	ug/L	Not detected	10
2,6-Dinitrotoluene	ug/L	Not detected	10
Diethyl Phthalate	ug/L	Not detected	10
4-Chlorophenyl phenyl ether	ug/L	Not detected	10
Fluorene	ug/L	Not detected	10
4-Nitroaniline	ug/L	Not detected	50
N-Nitrosodiphenylamine	ug/L	Not detected	10
4-Bromophenyl phenyl ether	ug/L	Not detected	10
Hexachlorobenzene	ug/L	Not detected	10
Phenanthrene	ug/L	Not detected	10
Anthracene	ug/L	Not detected	10
Di-n-butyl Phthalate	ug/L	Not detected	10
Fluoranthene	ug/L	Not detected	10
Benzidine	ug/L	Not detected	50
Pyrene	ug/L	Not detected	10
Butyl benzyl phthalate	ug/L	Not detected	10
3,3'-Dichlorobenzidine	ug/L	Not detected	20
Benzo(a)anthracene	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47595 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
bis(2-ethylhexyl)phthalate	ug/L	Not detected	10
Chrysene	ug/L	Not detected	10
Di-n-octyl Phthalate	ug/L	Not detected	10
Benzo(b)fluoranthene	ug/L	Not detected	10
Benzo(k)fluoranthene	ug/L	Not detected	10
Benzo(a)pyrene	ug/L	Not detected	10
Indeno(1,2,3-cd)pyrene	ug/L	Not detected	10
Dibenzo(a,h)anthracene	ug/L	Not detected	10
Benzo(g,h,i)perylene	ug/L	Not detected	10

Sample I.D. AA47596

Location code: WTE-2D

Location Description: Waste to Energy M.W. # 2-D

Sample collector: VICKI

Sample collection date: 07/27/94 Time: 10:00

Lab submittal date: 07/27/94 Time: 14:41

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	0.002	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	0.09	0.03
Lead, AA furnace technique	ug/L	Not detected	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	Not detected	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	Not detected	0.01
pH (electrometric)	pH units	7.4	
Total Dissolved Solids	mg/L	610	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	0.73	0.01
Specific Conductance @ 25oC	umhos/cm	1060	1
Elevation, Water Table	Feet NGVD	18.03	0.01

Multicomponent analysis: Purgeables Method 624

Chloromethane	ug/L	Not detected	10
Bromomethane	ug/L	Not detected	10
Vinyl chloride	ug/L	Not detected	10
Chloroethane	ug/L	Not detected	10
Methylene chloride	ug/L	Not detected	5
Trichlorofluoromethane	ug/L	Not detected	5
1,1-Dichloroethene	ug/L	Not detected	5
1,1-Dichloroethane	ug/L	Not detected	5
trans-1,2-Dichloroethane	ug/L	Not detected	5
Chloroform	ug/L	Not detected	5
1,2-Dichloroethane	ug/L	Not detected	5

September 8, 1994

Mr. Lindsey Sampson Sample I.D. AA47596 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: Purgeables Method 624 (continued)			
1,1,1-trichloroethane	ug/L	Not detected	5
Carbon Tetrachloride	ug/L	Not detected	5
Bromodichloromethane	ug/L	Not detected	5
1,2-Dichloropropane	ug/L	Not detected	5
trans-1,3-Dichloropropene	ug/L	Not detected	5
Trichloroethene	ug/L	Not detected	5
Benzene	ug/L	Not detected	5
Dibromochloromethane	ug/L	Not detected	5
1,1,2-Trichloroethane	ug/L	Not detected	5
cis-1,3-Dichloropropene	ug/L	Not detected	5
2-Chloroethylvinyl ether	ug/L	Not detected	10
Bromoform	ug/L	Not detected	5
1,1,2,2-Tetrachloroethane	ug/L	Not detected	5
Tetrachloroethene	ug/L	Not detected	5
Toluene	ug/L	Not detected	5
Chlorobenzene	ug/L	Not detected	5
Ethyl Benzene	ug/L	Not detected	5
1,3-Dichlorobenzene	ug/L	Not detected	5
1,2-Dichlorobenzene	ug/L	Not detected	5
1,4-Dichlorobenzene	ug/L	Not detected	5
Acetone	ug/L	Not detected	10
Carbon Disulfide	ug/L	Not detected	5
MEK 2-Butanone	ug/L	Not detected	5
Vinyl Acetate	ug/L	Not detected	10
4-Methyl-2-Pentanone	ug/L	Not detected	10
2-Hexanone	ug/L	Not detected	10
Styrene	ug/L	Not detected	5
Total Xylenes	ug/L	Not detected	5
Total Organic Carbon	mg/L	10	1
Barium, AA direct aspiration	mg/L	0.05	0.01
Manganese by flame AA	mg/L	0.01	0.01
Nickel by flame AA	mg/L	0.05	0.04
Sodium, AA direct aspiration	mg/L	61.2	0.1
Thallium by flame AA	mg/L	Not detected	0.1
Zinc by flame AA	mg/L	0.02	0.01
Ammonia	mg/L as N	Not detected	0.02
Chloride titrimetric HgNO3	mg/L	152	1
Sulfate (turbidimetric)	mg/L	71	1
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA			
Phenol	ug/L	Not detected	10
2-Chlorophenol	ug/L	Not detected	10
2-Methylphenol	ug/L	Not detected	10
4-Methylphenol	ug/L	Not detected	10
2-Nitrophenol	ug/L	Not detected	10
2,4-Dimethylphenol	ug/L	Not detected	10
2,4-Dichlorophenol	ug/L	Not detected	10
4-Chloro-3-methyl phenol	ug/L	Not detected	10
2,4,6-Trichlorophenol	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47596 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
2,4,5-Trichlorophenol	ug/L	Not detected	50
2,4-Dinitrophenol	ug/L	Not detected	50
4-Nitrophenol	ug/L	Not detected	50
4,6-Dinitro-2methylphenol	ug/L	Not detected	50
Pentachlorophenol	ug/L	Not detected	50
N-Nitroso-dimethylamine	ug/L	Not detected	10
Aniline	ug/L	Not detected	10
Bis(2-chloroethyl) ether	ug/L	Not detected	10
1,3-Dichlorobenzene	ug/L	Not detected	10
1,4-Dichlorobenzene	ug/L	Not detected	10
Benzyl alcohol	ug/L	Not detected	10
1,2-Dichlorobenzene	ug/L	Not detected	10
Bis(2-chloroisopropyl) ether	ug/L	Not detected	10
N-Nitroso-di-n-propylamine	ug/L	Not detected	10
Hexachloroethane	ug/L	Not detected	10
Nitrobenzene	ug/L	Not detected	10
Isophorone	ug/L	Not detected	10
Benzoic Acid	ug/L	Not detected	50
Bis(2-chloroethoxy) methane	ug/L	Not detected	10
1,2,4-Trichlorobenzene	ug/L	Not detected	10
Naphthalene	ug/L	Not detected	10
4-Chloroaniline	ug/L	Not detected	50
Hexachlorobutadiene	ug/L	Not detected	10
2-Methylnaphthalene	ug/L	Not detected	10
Hexachlorocyclopentadiene	ug/L	Not detected	10
2-Chloronaphthalene	ug/L	Not detected	10
2-Nitroaniline	ug/L	Not detected	50
Dimethyl Phthalate	ug/L	Not detected	10
Acenaphthylene	ug/L	Not detected	10
3-Nitroaniline	ug/L	Not detected	50
Acenaphthene	ug/L	Not detected	10
Dibenzofuran	ug/L	Not detected	10
2,4-Dinitrotoluene	ug/L	Not detected	10
2,6-Dinitrotoluene	ug/L	Not detected	10
Diethyl Phthalate	ug/L	Not detected	10
4-Chlorophenyl phenyl ether	ug/L	Not detected	10
Fluorene	ug/L	Not detected	10
4-Nitroaniline	ug/L	Not detected	50
N-Nitrosodiphenylamine	ug/L	Not detected	10
4-Bromophenyl phenyl ether	ug/L	Not detected	10
Hexachlorobenzene	ug/L	Not detected	10
Phenanthrene	ug/L	Not detected	10
Anthracene	ug/L	Not detected	10
Di-n-butyl Phthalate	ug/L	Not detected	10
Fluoranthene	ug/L	Not detected	10
Benzidine	ug/L	Not detected	50
Pyrene	ug/L	Not detected	10
Butyl benzyl phthalate	ug/L	Not detected	10
3,3'-Dichlorobenzidine	ug/L	Not detected	20

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Mr. Lindsey Sampson Sample I.D. AA47596 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
Benzo(a)anthracene	ug/L	Not detected	10
bis(2-ethylhexyl)phthalate	ug/L	43	10
Chrysene	ug/L	Not detected	10
Di-n-octyl Phthalate	ug/L	Not detected	10
Benzo(b)fluoranthene	ug/L	Not detected	10
Benzo(k)fluoranthene	ug/L	Not detected	10
Benzo(a)pyrene	ug/L	Not detected	10
Indeno(1,2,3-cd)pyrene	ug/L	Not detected	10
Dibenzo(a,h)anthracene	ug/L	Not detected	10
Benzo(g,h,i)perylene	ug/L	Not detected	10

Sample I.D. AA47597

Location code: WTE-3S

Location Description: Waste to Energy M.W. # 3-S

Sample collector: VICKI

Sample collection date: 07/27/94 Time: 10:00

Lab submittal date: 07/27/94 Time: 14:41

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	0.002	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	2.06	0.03
Lead, AA furnace technique	ug/L	Not detected	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	Not detected	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	Not detected	0.01
pH (electrometric)	pH units	7.4	
Total Dissolved Solids	mg/L	456	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	0.91	0.01
Specific Conductance @ 25oC	umhos/cm	816	1
Elevation, Water Table	Feet NGVD	18.10	0.01

Multicomponent analysis: Purgeables Method 624

Chloromethane	ug/L	Not detected	10
Bromomethane	ug/L	Not detected	10
Vinyl chloride	ug/L	Not detected	10
Chloroethane	ug/L	Not detected	10
Methylene chloride	ug/L	Not detected	5
Trichlorofluoromethane	ug/L	Not detected	5
1,1-Dichloroethene	ug/L	Not detected	5
1,1-Dichloroethane	ug/L	Not detected	5
trans-1,2-Dichloroethane	ug/L	Not detected	5
Chloroform	ug/L	Not detected	5

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Mr. Lindsey Sampson Sample I.D. AA47597 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: Purgeables Method 624 (continued)			
1,2-Dichloroethane	ug/L	Not detected	5
1,1,1-trichloroethane	ug/L	Not detected	5
Carbon Tetrachloride	ug/L	Not detected	5
Bromodichloromethane	ug/L	Not detected	5
1,2-Dichloropropane	ug/L	Not detected	5
trans-1,3-Dichloropropene	ug/L	Not detected	5
Trichloroethene	ug/L	Not detected	5
Benzene	ug/L	Not detected	5
Dibromochloromethane	ug/L	Not detected	5
1,1,2-Trichloroethane	ug/L	Not detected	5
cis-1,3-Dichloropropene	ug/L	Not detected	5
2-Chloroethylvinyl ether	ug/L	Not detected	10
Bromoform	ug/L	Not detected	5
1,1,2,2-Tetrachloroethane	ug/L	Not detected	5
Tetrachloroethene	ug/L	Not detected	5
Toluene	ug/L	Not detected	5
Chlorobenzene	ug/L	Not detected	5
Ethyl Benzene	ug/L	Not detected	5
1,3-Dichlorobenzene	ug/L	Not detected	5
1,2-Dichlorobenzene	ug/L	Not detected	5
1,4-Dichlorobenzene	ug/L	Not detected	5
Acetone	ug/L	Not detected	10
Carbon Disulfide	ug/L	Not detected	5
MEK 2-Butanone	ug/L	Not detected	5
Vinyl Acetate	ug/L	Not detected	10
4-Methyl-2-Pentanone	ug/L	Not detected	10
2-Hexanone	ug/L	Not detected	10
Styrene	ug/L	Not detected	5
Total Xylenes	ug/L	Not detected	5
Total Organic Carbon	mg/L	30	1
Barium, AA direct aspiration	mg/L	0.05	0.01
Manganese by flame AA	mg/L	0.02	0.01
Nickel by flame AA	mg/L	0.06	0.04
Sodium, AA direct aspiration	mg/L	49.7	0.1
Thallium by flame AA	mg/L	Not detected	0.1
Zinc by flame AA	mg/L	0.02	0.01
Ammonia	mg/L as N	0.11	0.02
Chloride titrimetric HgNO3	mg/L	104	1
Sulfate (turbidimetric)	mg/L	70	1
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA			
Phenol	ug/L	Not detected	10
2-Chlorophenol	ug/L	Not detected	10
2-Methylphenol	ug/L	Not detected	10
4-Methylphenol	ug/L	Not detected	10
2-Nitrophenol	ug/L	Not detected	10
2,4-Dimethylphenol	ug/L	Not detected	10
2,4-Dichlorophenol	ug/L	Not detected	10
4-Chloro-3-methyl phenol	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47597 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
2,4,6-Trichlorophenol	ug/L	Not detected	10
2,4,5-Trichlorophenol	ug/L	Not detected	50
2,4-Dinitrophenol	ug/L	Not detected	50
4-Nitrophenol	ug/L	Not detected	50
4,6-Dinitro-2methylphenol	ug/L	Not detected	50
Pentachlorophenol	ug/L	Not detected	50
N-Nitroso-dimethylamine	ug/L	Not detected	10
Aniline	ug/L	Not detected	10
Bis(2-chloroethyl) ether	ug/L	Not detected	10
1,3-Dichlorobenzene	ug/L	Not detected	10
1,4-Dichlorobenzene	ug/L	Not detected	10
Benzyl alcohol	ug/L	Not detected	10
1,2-Dichlorobenzene	ug/L	Not detected	10
Bis(2-chloroisopropyl) ether	ug/L	Not detected	10
N-Nitroso-di-n-propylamine	ug/L	Not detected	10
Hexachloroethane	ug/L	Not detected	10
Nitrobenzene	ug/L	Not detected	10
Isophorone	ug/L	Not detected	10
Benzoic Acid	ug/L	Not detected	50
Bis(2-chloroethoxy) methane	ug/L	Not detected	10
1,2,4-Trichlorobenzene	ug/L	Not detected	10
Naphthalene	ug/L	Not detected	10
4-Chloroaniline	ug/L	Not detected	50
Hexachlorobutadiene	ug/L	Not detected	10
2-Methylnaphthalene	ug/L	Not detected	10
Hexachlorocyclopentadiene	ug/L	Not detected	10
2-Chloronaphthalene	ug/L	Not detected	10
2-Nitroaniline	ug/L	Not detected	50
Dimethyl Phthalate	ug/L	Not detected	10
Acenaphthylene	ug/L	Not detected	10
3-Nitroaniline	ug/L	Not detected	50
Acenaphthene	ug/L	Not detected	10
Dibenzofuran	ug/L	Not detected	10
2,4-Dinitrotoluene	ug/L	Not detected	10
2,6-Dinitrotoluene	ug/L	Not detected	10
Diethyl Phthalate	ug/L	Not detected	10
4-Chlorophenyl phenyl ether	ug/L	Not detected	10
Fluorene	ug/L	Not detected	10
4-Nitroaniline	ug/L	Not detected	50
N-Nitrosodiphenylamine	ug/L	Not detected	10
4-Bromophenyl phenyl ether	ug/L	Not detected	10
Hexachlorobenzene	ug/L	Not detected	10
Phenanthrene	ug/L	Not detected	10
Anthracene	ug/L	Not detected	10
Di-n-butyl Phthalate	ug/L	Not detected	10
Fluoranthene	ug/L	Not detected	10
Benzidine	ug/L	Not detected	50
Pyrene	ug/L	Not detected	10
Butyl benzyl phthalate	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47597 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
3,3'-Dichlorobenzidine	ug/L	Not detected	20
Benzo(a)anthracene	ug/L	Not detected	10
bis(2-ethylhexyl)phthalate	ug/L	Not detected	10
Chrysene	ug/L	Not detected	10
Di-n-octyl Phthalate	ug/L	Not detected	10
Benzo(b)fluoranthene	ug/L	Not detected	10
Benzo(k)fluoranthene	ug/L	Not detected	10
Benzo(a)pyrene	ug/L	Not detected	10
Indeno(1,2,3-cd)pyrene	ug/L	Not detected	10
Dibenzo(a,h)anthracene	ug/L	Not detected	10
Benzo(g,h,i)perylene	ug/L	Not detected	10

Sample I.D. AA47598

Location code: WTE-3D

Location Description: Waste to Energy M.W. # 3-D

Sample collector: VICKI

Sample collection date: 07/27/94 Time: 10:00

Lab submittal date: 07/27/94 Time: 14:41

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	0.003	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	Not detected	0.03
Lead, AA furnace technique	ug/L	Not detected	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	Not detected	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	Not detected	0.01
pH (electrometric)	pH units	7.5	
Total Dissolved Solids	mg/L	508	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	0.87	0.01
Specific Conductance @ 25oC	umhos/cm	960	1
Elevation, Water Table	Feet NGVD	18.01	0.01

Multicomponent analysis: Purgeables Method 624

Chloromethane	ug/L	Not detected	10
Bromomethane	ug/L	Not detected	10
Vinyl chloride	ug/L	Not detected	10
Chloroethane	ug/L	Not detected	10
Methylene chloride	ug/L	Not detected	5
Trichlorofluoromethane	ug/L	Not detected	5
1,1-Dichloroethene	ug/L	Not detected	5
1,1-Dichloroethane	ug/L	Not detected	5
trans-1,2-Dichloroethane	ug/L	Not detected	5

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Mr. Lindsey Sampson Sample I.D. AA47598 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: Purgeables Method 624 (continued)			
Chloroform	ug/L	Not detected	5
1,2-Dichloroethane	ug/L	Not detected	5
1,1,1-trichloroethane	ug/L	Not detected	5
Carbon Tetrachloride	ug/L	Not detected	5
Bromodichloromethane	ug/L	Not detected	5
1,2-Dichloropropane	ug/L	Not detected	5
trans-1,3-Dichloropropene	ug/L	Not detected	5
Trichloroethene	ug/L	Not detected	5
Benzene	ug/L	Not detected	5
Dibromochloromethane	ug/L	Not detected	5
1,1,2-Trichloroethane	ug/L	Not detected	5
cis-1,3-Dichloropropene	ug/L	Not detected	5
2-Chloroethylvinyl ether	ug/L	Not detected	10
Bromoform	ug/L	Not detected	5
1,1,2,2-Tetrachloroethane	ug/L	Not detected	5
Tetrachloroethene	ug/L	Not detected	5
Toluene	ug/L	Not detected	5
Chlorobenzene	ug/L	Not detected	5
Ethyl Benzene	ug/L	Not detected	5
1,3-Dichlorobenzene	ug/L	Not detected	5
1,2-Dichlorobenzene	ug/L	Not detected	5
1,4-Dichlorobenzene	ug/L	Not detected	5
Acetone	ug/L	Not detected	10
Carbon Disulfide	ug/L	Not detected	5
MEK 2-Butanone	ug/L	Not detected	5
Vinyl Acetate	ug/L	Not detected	10
4-Methyl-2-Pentanone	ug/L	Not detected	10
2-Hexanone	ug/L	Not detected	10
Styrene	ug/L	Not detected	5
Total Xylenes	ug/L	Not detected	5
Total Organic Carbon	mg/L	19	1
Barium, AA direct aspiration	mg/L	0.08	0.01
Manganese by flame AA	mg/L	Not detected	0.01
Nickel by flame AA	mg/L	0.06	0.04
Sodium, AA direct aspiration	mg/L	76.9	0.1
Thallium by flame AA	mg/L	Not detected	0.1
Zinc by flame AA	mg/L	0.01	0.01
Ammonia	mg/L as N	0.03	0.02
Chloride titrimetric HgNO3	mg/L	142	1
Sulfate (turbidimetric)	mg/L	53	1

Multicomponent analysis: EPA Method 625 Semi Volatile: BNA

Phenol	ug/L	Not detected	10
2-Chlorophenol	ug/L	Not detected	10
2-Methylphenol	ug/L	Not detected	10
4-Methylphenol	ug/L	Not detected	10
2-Nitrophenol	ug/L	Not detected	10
2,4-Dimethylphenol	ug/L	Not detected	10
2,4-Dichlorophenol	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47598 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
4-Chloro-3-methyl phenol	ug/L	Not detected	10
2,4,6-Trichlorophenol	ug/L	Not detected	10
2,4,5-Trichlorophenol	ug/L	Not detected	50
2,4-Dinitrophenol	ug/L	Not detected	50
4-Nitrophenol	ug/L	Not detected	50
4,6-Dinitro-2methylphenol	ug/L	Not detected	50
Pentachlorophenol	ug/L	Not detected	50
N-Nitroso-dimethylamine	ug/L	Not detected	10
Aniline	ug/L	Not detected	10
Bis(2-chloroethyl) ether	ug/L	Not detected	10
1,3-Dichlorobenzene	ug/L	Not detected	10
1,4-Dichlorobenzene	ug/L	Not detected	10
Benzyl alcohol	ug/L	Not detected	10
1,2-Dichlorobenzene	ug/L	Not detected	10
Bis(2-chloroisopropyl) ether	ug/L	Not detected	10
N-Nitroso-di-n-propylamine	ug/L	Not detected	10
Hexachloroethane	ug/L	Not detected	10
Nitrobenzene	ug/L	Not detected	10
Isophorone	ug/L	Not detected	10
Benzoic Acid	ug/L	Not detected	50
Bis(2-chloroethoxy) methane	ug/L	Not detected	10
1,2,4-Trichlorobenzene	ug/L	Not detected	10
Naphthalene	ug/L	Not detected	10
4-Chloroaniline	ug/L	Not detected	50
Hexachlorobutadiene	ug/L	Not detected	10
2-Methylnaphthalene	ug/L	Not detected	10
Hexachlorocyclopentadiene	ug/L	Not detected	10
2-Chloronaphthalene	ug/L	Not detected	10
2-Nitroaniline	ug/L	Not detected	50
Dimethyl Phthalate	ug/L	Not detected	10
Acenaphthylene	ug/L	Not detected	10
3-Nitroaniline	ug/L	Not detected	50
Acenaphthene	ug/L	Not detected	10
Dibenzofuran	ug/L	Not detected	10
2,4-Dinitrotoluene	ug/L	Not detected	10
2,6-Dinitrotoluene	ug/L	Not detected	10
Diethyl Phthalate	ug/L	Not detected	10
4-Chlorophenyl phenyl ether	ug/L	Not detected	10
Fluorene	ug/L	Not detected	10
4-Nitroaniline	ug/L	Not detected	50
N-Nitrosodiphenylamine	ug/L	Not detected	10
4-Bromophenyl phenyl ether	ug/L	Not detected	10
Hexachlorobenzene	ug/L	Not detected	10
Phenanthrene	ug/L	Not detected	10
Anthracene	ug/L	Not detected	10
Di-n-butyl Phthalate	ug/L	Not detected	10
Fluoranthene	ug/L	Not detected	10
Benzidine	ug/L	Not detected	50
Pyrene	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47598 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
Butyl benzyl phthalate	ug/L	Not detected	10
3,3'-Dichlorobenzidine	ug/L	Not detected	20
Benzo(a)anthracene	ug/L	Not detected	10
bis(2-ethylhexyl)phthalate	ug/L	Not detected	10
Chrysene	ug/L	Not detected	10
Di-n-octyl Phthalate	ug/L	Not detected	10
Benzo(b)fluoranthene	ug/L	Not detected	10
Benzo(k)fluoranthene	ug/L	Not detected	10
Benzo(a)pyrene	ug/L	Not detected	10
Indeno(1,2,3-cd)pyrene	ug/L	Not detected	10
Dibenzo(a,h)anthracene	ug/L	Not detected	10
Benzo(g,h,i)perylene	ug/L	Not detected	10

Sample I.D. AA47599

Location code: WTE-4S

Location Description: Waste to Energy M.W. # 4-S

Sample collector: VICKI

Sample collection date: 07/27/94 Time: 10:00

Lab submittal date: 07/27/94 Time: 14:41

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	0.002	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	2.09	0.03
Lead, AA furnace technique	ug/L	Not detected	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	Not detected	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	Not detected	0.01
pH (electrometric)	pH units	7.6	
Total Dissolved Solids	mg/L	786	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	1.74	0.01
Specific Conductance @ 25oC	umhos/cm	1450	1
Elevation, Water Table	Feet NGVD	17.92	0.01

Multicomponent analysis: Purgeables Method 624

Chloromethane	ug/L	Not detected	10
Bromomethane	ug/L	Not detected	10
Vinyl chloride	ug/L	Not detected	10
Chloroethane	ug/L	Not detected	10
Methylene chloride	ug/L	Not detected	5
Trichlorofluoromethane	ug/L	Not detected	5
1,1-Dichloroethene	ug/L	Not detected	5
1,1-Dichloroethane	ug/L	Not detected	5

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Mr. Lindsey Sampson Sample I.D. AA47599 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
2,4-Dichlorophenol	ug/L	Not detected	10
4-Chloro-3-methyl phenol	ug/L	Not detected	10
2,4,6-Trichlorophenol	ug/L	Not detected	10
2,4,5-Trichlorophenol	ug/L	Not detected	50
2,4-Dinitrophenol	ug/L	Not detected	50
4-Nitrophenol	ug/L	Not detected	50
4,6-Dinitro-2methylphenol	ug/L	Not detected	50
Pentachlorophenol	ug/L	Not detected	50
N-Nitroso-dimethylamine	ug/L	Not detected	10
Aniline	ug/L	Not detected	10
Bis(2-chloroethyl) ether	ug/L	Not detected	10
1,3-Dichlorobenzene	ug/L	Not detected	10
1,4-Dichlorobenzene	ug/L	Not detected	10
Benzyl alcohol	ug/L	Not detected	10
1,2-Dichlorobenzene	ug/L	Not detected	10
Bis(2-chloroisopropyl) ether	ug/L	Not detected	10
N-Nitroso-di-n-propylamine	ug/L	Not detected	10
Hexachloroethane	ug/L	Not detected	10
Nitrobenzene	ug/L	Not detected	10
Isophorone	ug/L	Not detected	10
Benzoic Acid	ug/L	Not detected	50
Bis(2-chloroethoxy) methane	ug/L	Not detected	10
1,2,4-Trichlorobenzene	ug/L	Not detected	10
Naphthalene	ug/L	Not detected	10
4-Chloroaniline	ug/L	Not detected	50
Hexachlorobutadiene	ug/L	Not detected	10
2-Methylnaphthalene	ug/L	Not detected	10
Hexachlorocyclopentadiene	ug/L	Not detected	10
2-Chloronaphthalene	ug/L	Not detected	10
2-Nitroaniline	ug/L	Not detected	50
Dimethyl Phthalate	ug/L	Not detected	10
Acenaphthylene	ug/L	Not detected	10
3-Nitroaniline	ug/L	Not detected	50
Acenaphthene	ug/L	Not detected	10
Dibenzofuran	ug/L	Not detected	10
2,4-Dinitrotoluene	ug/L	Not detected	10
2,6-Dinitrotoluene	ug/L	Not detected	10
Diethyl Phthalate	ug/L	Not detected	10
4-Chlorophenyl phenyl ether	ug/L	Not detected	10
Fluorene	ug/L	Not detected	10
4-Nitroaniline	ug/L	Not detected	50
N-Nitrosodiphenylamine	ug/L	Not detected	10
4-Bromophenyl phenyl ether	ug/L	Not detected	10
Hexachlorobenzene	ug/L	Not detected	10
Phenanthrene	ug/L	Not detected	10
Anthracene	ug/L	Not detected	10
Di-n-butyl Phthalate	ug/L	Not detected	10
Fluoranthene	ug/L	Not detected	10
Benzidine	ug/L	Not detected	50

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Mr. Lindsey Sampson Sample I.D. AA47599 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
Pyrene	ug/L	Not detected	10
Butyl benzyl phthalate	ug/L	Not detected	10
3,3'-Dichlorobenzidine	ug/L	Not detected	20
Benzo(a)anthracene	ug/L	Not detected	10
bis(2-ethylhexyl)phthalate	ug/L	Not detected	10
Chrysene	ug/L	Not detected	10
Di-n-octyl Phthalate	ug/L	Not detected	10
Benzo(b)fluoranthene	ug/L	Not detected	10
Benzo(k)fluoranthene	ug/L	Not detected	10
Benzo(a)pyrene	ug/L	Not detected	10
Indeno(1,2,3-cd)pyrene	ug/L	Not detected	10
Dibenzo(a,h)anthracene	ug/L	Not detected	10
Benzo(g,h,i)perylene	ug/L	Not detected	10

Sample I.D. AA47600

Location code: WTE-4D

Location Description: Waste to Energy M.W. # 4-D

Sample collector: VICKI

Sample collection date: 07/27/94 Time: 10:00

Lab submittal date: 07/27/94 Time: 14:41

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	0.001	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	Not detected	0.03
Lead, AA furnace technique	ug/L	Not detected	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	Not detected	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	Not detected	0.01
pH (electrometric)	pH units	7.9	
Total Dissolved Solids	mg/L	456	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	1.57	0.01
Specific Conductance @ 25oC	umhos/cm	908	1
Elevation, Water Table	Feet NGVD	17.79	0.01

Multicomponent analysis: Purgeables Method 624

Chloromethane	ug/L	Not detected	10
Bromomethane	ug/L	Not detected	10
Vinyl chloride	ug/L	Not detected	10
Chloroethane	ug/L	Not detected	10
Methylene chloride	ug/L	Not detected	5
Trichlorofluoromethane	ug/L	Not detected	5
1,1-Dichloroethene	ug/L	Not detected	5

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Mr. Lindsey Sampson Sample I.D. AA47600 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: Purgeables Method 624 (continued)			
1,1-Dichloroethane	ug/L	Not detected	5
trans-1,2-Dichloroethane	ug/L	Not detected	5
Chloroform	ug/L	Not detected	5
1,2-Dichloroethane	ug/L	Not detected	5
1,1,1-trichloroethane	ug/L	Not detected	5
Carbon Tetrachloride	ug/L	Not detected	5
Bromodichloromethane	ug/L	Not detected	5
1,2-Dichloropropane	ug/L	Not detected	5
trans-1,3-Dichloropropene	ug/L	Not detected	5
Trichloroethene	ug/L	Not detected	5
Benzene	ug/L	Not detected	5
Dibromochloromethane	ug/L	Not detected	5
1,1,2-Trichloroethane	ug/L	Not detected	5
cis-1,3-Dichloropropene	ug/L	Not detected	5
2-Chloroethylvinyl ether	ug/L	Not detected	10
Bromoform	ug/L	Not detected	5
1,1,2,2-Tetrachloroethane	ug/L	Not detected	5
Tetrachloroethene	ug/L	Not detected	5
Toluene	ug/L	Not detected	5
Chlorobenzene	ug/L	Not detected	5
Ethyl Benzene	ug/L	Not detected	5
1,3-Dichlorobenzene	ug/L	Not detected	5
1,2-Dichlorobenzene	ug/L	Not detected	5
1,4-Dichlorobenzene	ug/L	Not detected	5
Acetone	ug/L	Not detected	10
Carbon Disulfide	ug/L	Not detected	5
MEK 2-Butanone	ug/L	Not detected	5
Vinyl Acetate	ug/L	Not detected	10
4-Methyl-2-Pentanone	ug/L	Not detected	10
2-Hexanone	ug/L	Not detected	10
Styrene	ug/L	Not detected	5
Total Xylenes	ug/L	Not detected	5
Total Organic Carbon	mg/L	6	1
Barium, AA direct aspiration	mg/L	0.02	0.01
Manganese by flame AA	mg/L	Not detected	0.01
Nickel by flame AA	mg/L	0.06	0.04
Sodium, AA direct aspiration	mg/L	84.0	0.1
Thallium by flame AA	mg/L	Not detected	0.1
Zinc by flame AA	mg/L	0.01	0.01
Ammonia	mg/L as N	Not detected	0.02
Chloride titrimetric HgNO3	mg/L	130	1
Sulfate (turbidimetric)	mg/L	37	1
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA			
Phenol	ug/L	Not detected	10
2-Chlorophenol	ug/L	Not detected	10
2-Methylphenol	ug/L	Not detected	10
4-Methylphenol	ug/L	Not detected	10
2-Nitrophenol	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47600 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
2,4-Dimethylphenol	ug/L	Not detected	10
2,4-Dichlorophenol	ug/L	Not detected	10
4-Chloro-3-methyl phenol	ug/L	Not detected	10
2,4,6-Trichlorophenol	ug/L	Not detected	10
2,4,5-Trichlorophenol	ug/L	Not detected	50
2,4-Dinitrophenol	ug/L	Not detected	50
4-Nitrophenol	ug/L	Not detected	50
4,6-Dinitro-2methylphenol	ug/L	Not detected	50
Pentachlorophenol	ug/L	Not detected	50
N-Nitroso-dimethylamine	ug/L	Not detected	10
Aniline	ug/L	Not detected	10
Bis(2-chloroethyl) ether	ug/L	Not detected	10
1,3-Dichlorobenzene	ug/L	Not detected	10
1,4-Dichlorobenzene	ug/L	Not detected	10
Benzyl alcohol	ug/L	Not detected	10
1,2-Dichlorobenzene	ug/L	Not detected	10
Bis(2-chloroisopropyl) ether	ug/L	Not detected	10
N-Nitroso-di-n-propylamine	ug/L	Not detected	10
Hexachloroethane	ug/L	Not detected	10
Nitrobenzene	ug/L	Not detected	10
Isophorone	ug/L	Not detected	10
Benzoic Acid	ug/L	Not detected	50
Bis(2-chloroethoxy) methane	ug/L	Not detected	10
1,2,4-Trichlorobenzene	ug/L	Not detected	10
Naphthalene	ug/L	Not detected	10
4-Chloroaniline	ug/L	Not detected	50
Hexachlorobutadiene	ug/L	Not detected	10
2-Methylnaphthalene	ug/L	Not detected	10
Hexachlorocyclopentadiene	ug/L	Not detected	10
2-Chloronaphthalene	ug/L	Not detected	10
2-Nitroaniline	ug/L	Not detected	50
Dimethyl Phthalate	ug/L	Not detected	10
Acenaphthylene	ug/L	Not detected	10
3-Nitroaniline	ug/L	Not detected	50
Acenaphthene	ug/L	Not detected	10
Dibenzofuran	ug/L	Not detected	10
2,4-Dinitrotoluene	ug/L	Not detected	10
2,6-Dinitrotoluene	ug/L	Not detected	10
Diethyl Phthalate	ug/L	Not detected	10
4-Chlorophenyl phenyl ether	ug/L	Not detected	10
Fluorene	ug/L	Not detected	10
4-Nitroaniline	ug/L	Not detected	50
N-Nitrosodiphenylamine	ug/L	Not detected	10
4-Bromophenyl phenyl ether	ug/L	Not detected	10
Hexachlorobenzene	ug/L	Not detected	10
Phenanthrene	ug/L	Not detected	10
Anthracene	ug/L	Not detected	10
Di-n-butyl Phthalate	ug/L	Not detected	10
Fluoranthene	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47600 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
Benzidine	ug/L	Not detected	50
Pyrene	ug/L	Not detected	10
Butyl benzyl phthalate	ug/L	Not detected	10
3,3'-Dichlorobenzidine	ug/L	Not detected	20
Benzo(a)anthracene	ug/L	Not detected	10
bis(2-ethylhexyl)phthalate	ug/L	Not detected	10
Chrysene	ug/L	Not detected	10
Di-n-octyl Phthalate	ug/L	Not detected	10
Benzo(b)fluoranthene	ug/L	Not detected	10
Benzo(k)fluoranthene	ug/L	Not detected	10
Benzo(a)pyrene	ug/L	Not detected	10
Indeno(1,2,3-cd)pyrene	ug/L	Not detected	10
Dibenzo(a,h)anthracene	ug/L	Not detected	10
Benzo(g,h,i)perylene	ug/L	Not detected	10

Sample I.D. AA47601

Location code: WTE-5S

Location Description: Waste to Energy M.W. # 5-S

Sample collector: VICKI

Sample collection date: 07/27/94 Time: 10:00

Lab submittal date: 07/27/94 Time: 14:41

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	0.004	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	3.13	0.03
Lead, AA furnace technique	ug/L	Not detected	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	Not detected	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	Not detected	0.01
pH (electrometric)	pH units	7.4	
Total Dissolved Solids	mg/L	486	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	1.90	0.01
Specific Conductance @ 25oC	umhos/cm	830	1
Elevation, Water Table	Feet NGVD	17.69	0.01

Multicomponent analysis: Purgeables Method 624

Chloromethane	ug/L	Not detected	10
Bromomethane	ug/L	Not detected	10
Vinyl chloride	ug/L	Not detected	10
Chloroethane	ug/L	Not detected	10
Methylene chloride	ug/L	Not detected	5
Trichlorofluoromethane	ug/L	Not detected	5

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Mr. Lindsey Sampson Sample I.D. AA47601 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: Purgeables Method 624 (continued)			
1,1-Dichloroethene	ug/L	Not detected	5
1,1-Dichloroethane	ug/L	Not detected	5
trans-1,2-Dichloroethane	ug/L	Not detected	5
Chloroform	ug/L	Not detected	5
1,2-Dichloroethane	ug/L	Not detected	5
1,1,1-trichloroethane	ug/L	Not detected	5
Carbon Tetrachloride	ug/L	Not detected	5
Bromodichloromethane	ug/L	Not detected	5
1,2-Dichloropropane	ug/L	Not detected	5
trans-1,3-Dichloropropene	ug/L	Not detected	5
Trichloroethene	ug/L	Not detected	5
Benzene	ug/L	Not detected	5
Dibromochloromethane	ug/L	Not detected	5
1,1,2-Trichloroethane	ug/L	Not detected	5
cis-1,3-Dichloropropene	ug/L	Not detected	5
2-Chloroethylvinyl ether	ug/L	Not detected	10
Bromoform	ug/L	Not detected	5
1,1,2,2-Tetrachloroethane	ug/L	Not detected	5
Tetrachloroethene	ug/L	Not detected	5
Toluene	ug/L	Not detected	5
Chlorobenzene	ug/L	Not detected	5
Ethyl Benzene	ug/L	Not detected	5
1,3-Dichlorobenzene	ug/L	Not detected	5
1,2-Dichlorobenzene	ug/L	Not detected	5
1,4-Dichlorobenzene	ug/L	Not detected	5
Acetone	ug/L	Not detected	10
Carbon Disulfide	ug/L	Not detected	5
MEK 2-Butanone	ug/L	Not detected	5
Vinyl Acetate	ug/L	Not detected	10
4-Methyl-2-Pentanone	ug/L	Not detected	10
2-Hexanone	ug/L	Not detected	10
Styrene	ug/L	Not detected	5
Total Xylenes	ug/L	Not detected	5
Total Organic Carbon	mg/L	32	1
Barium, AA direct aspiration	mg/L	0.04	0.01
Manganese by flame AA	mg/L	0.02	0.01
Nickel by flame AA	mg/L	0.07	0.04
Sodium, AA direct aspiration	mg/L	35.8	0.1
Thallium by flame AA	mg/L	Not detected	0.1
Zinc by flame AA	mg/L	0.03	0.01
Ammonia	mg/L as N	0.07	0.02
Chloride titrimetric HgNO3	mg/L	92	1
Sulfate (turbidimetric)	mg/L	54	1
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA			
Phenol	ug/L	Not detected	10
2-Chlorophenol	ug/L	Not detected	10
2-Methylphenol	ug/L	Not detected	10
4-Methylphenol	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47601 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
2-Nitrophenol	ug/L	Not detected	10
2,4-Dimethylphenol	ug/L	Not detected	10
2,4-Dichlorophenol	ug/L	Not detected	10
4-Chloro-3-methyl phenol	ug/L	Not detected	10
2,4,6-Trichlorophenol	ug/L	Not detected	10
2,4,5-Trichlorophenol	ug/L	Not detected	50
2,4-Dinitrophenol	ug/L	Not detected	50
4-Nitrophenol	ug/L	Not detected	50
4,6-Dinitro-2methylphenol	ug/L	Not detected	50
Pentachlorophenol	ug/L	Not detected	50
N-Nitroso-dimethylamine	ug/L	Not detected	10
Aniline	ug/L	Not detected	10
Bis(2-chloroethyl)ether	ug/L	Not detected	10
1,3-Dichlorobenzene	ug/L	Not detected	10
1,4-Dichlorobenzene	ug/L	Not detected	10
Benzyl alcohol	ug/L	Not detected	10
1,2-Dichlorobenzene	ug/L	Not detected	10
Bis(2-chloroisopropyl) ether	ug/L	Not detected	10
N-Nitroso-di-n-propylamine	ug/L	Not detected	10
Hexachloroethane	ug/L	Not detected	10
Nitrobenzene	ug/L	Not detected	10
Isophorone	ug/L	Not detected	10
Benzoic Acid	ug/L	Not detected	50
Bis(2-chloroethoxy)methane	ug/L	Not detected	10
1,2,4-Trichlorobenzene	ug/L	Not detected	10
Naphthalene	ug/L	Not detected	10
4-Chloroaniline	ug/L	Not detected	50
Hexachlorobutadiene	ug/L	Not detected	10
2-Methylnaphthalene	ug/L	Not detected	10
Hexachlorocyclopentadiene	ug/L	Not detected	10
2-Chloronaphthalene	ug/L	Not detected	10
2-Nitroaniline	ug/L	Not detected	50
Dimethyl Phthalate	ug/L	Not detected	10
Acenaphthylene	ug/L	Not detected	10
3-Nitroaniline	ug/L	Not detected	50
Acenaphthene	ug/L	Not detected	10
Dibenzofuran	ug/L	Not detected	10
2,4-Dinitrotoluene	ug/L	Not detected	10
2,6-Dinitrotoluene	ug/L	Not detected	10
Diethyl Phthalate	ug/L	Not detected	10
4-Chlorophenyl phenyl ether	ug/L	Not detected	10
Fluorene	ug/L	Not detected	10
4-Nitroaniline	ug/L	Not detected	50
N-Nitrosodiphenylamine	ug/L	Not detected	10
4-Bromophenyl phenyl ether	ug/L	Not detected	10
Hexachlorobenzene	ug/L	Not detected	10
Phenanthrene	ug/L	Not detected	10
Anthracene	ug/L	Not detected	10
Di-n-butyl Phthalate	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47601 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
Fluoranthene	ug/L	Not detected	10
Benzidine	ug/L	Not detected	50
Pyrene	ug/L	Not detected	10
Butyl benzyl phthalate	ug/L	Not detected	10
3,3'-Dichlorobenzidine	ug/L	Not detected	20
Benzo(a)anthracene	ug/L	Not detected	10
bis(2-ethylhexyl)phthalate	ug/L	Not detected	10
Chrysene	ug/L	Not detected	10
Di-n-octyl Phthalate	ug/L	Not detected	10
Benzo(b)fluoranthene	ug/L	Not detected	10
Benzo(k)fluoranthene	ug/L	Not detected	10
Benzo(a)pyrene	ug/L	Not detected	10
Indeno(1,2,3-cd)pyrene	ug/L	Not detected	10
Dibenzo(a,h)anthracene	ug/L	Not detected	10
Benzo(g,h,i)perylene	ug/L	Not detected	10

Sample I.D. AA47602

Location code: WTE-5D

Location Description: Waste to Energy M.W. # 5-D

Sample collector: VICKI

Sample collection date: 07/27/94 Time: 10:00

Lab submittal date: 07/27/94 Time: 14:41

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	0.003	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	0.17	0.03
Lead, AA furnace technique	ug/L	Not detected	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	Not detected	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	Not detected	0.01
pH (electrometric)	pH units	7.4	
Total Dissolved Solids	mg/L	638	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	0.76	0.01
Specific Conductance @ 25°C	umhos/cm	1100	1
Elevation, Water Table	Feet NGVD	17.80	0.01
Multicomponent analysis: Purgeables Method 624			
Chloromethane	ug/L	Not detected	10
Bromomethane	ug/L	Not detected	10
Vinyl chloride	ug/L	Not detected	10
Chloroethane	ug/L	Not detected	10
Methylene chloride	ug/L	Not detected	5

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Mr. Lindsey Sampson Sample I.D. AA47602 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: Purgeables Method 624 (continued)			
Trichlorofluoromethane	ug/L	Not detected	5
1,1-Dichloroethene	ug/L	Not detected	5
1,1-Dichloroethane	ug/L	Not detected	5
trans-1,2-Dichloroethane	ug/L	Not detected	5
Chloroform	ug/L	Not detected	5
1,2-Dichloroethane	ug/L	Not detected	5
1,1,1-trichloroethane	ug/L	Not detected	5
Carbon Tetrachloride	ug/L	Not detected	5
Bromodichloromethane	ug/L	Not detected	5
1,2-Dichloropropane	ug/L	Not detected	5
trans-1,3-Dichloropropene	ug/L	Not detected	5
Trichloroethene	ug/L	Not detected	5
Benzene	ug/L	Not detected	5
Dibromochloromethane	ug/L	Not detected	5
1,1,2-Trichloroethane	ug/L	Not detected	5
cis-1,3-Dichloropropene	ug/L	Not detected	5
2-Chloroethylvinyl ether	ug/L	Not detected	10
Bromoform	ug/L	Not detected	5
1,1,2,2-Tetrachloroethane	ug/L	Not detected	5
Tetrachloroethene	ug/L	Not detected	5
Toluene	ug/L	Not detected	5
Chlorobenzene	ug/L	Not detected	5
Ethyl Benzene	ug/L	Not detected	5
1,3-Dichlorobenzene	ug/L	Not detected	5
1,2-Dichlorobenzene	ug/L	Not detected	5
1,4-Dichlorobenzene	ug/L	Not detected	5
Acetone	ug/L	Not detected	10
Carbon Disulfide	ug/L	Not detected	5
MEK 2-Butanone	ug/L	Not detected	5
Vinyl Acetate	ug/L	Not detected	10
4-Methyl-2-Pentanone	ug/L	Not detected	10
2-Hexanone	ug/L	Not detected	10
Styrene	ug/L	Not detected	5
Total Xylenes	ug/L	Not detected	5
Total Organic Carbon	mg/L	8	1
Barium, AA direct aspiration	mg/L	0.05	0.01
Manganese by flame AA	mg/L	0.01	0.01
Nickel by flame AA	mg/L	Not detected	0.04
Sodium, AA direct aspiration	mg/L	69.9	0.1
Thallium by flame AA	mg/L	Not detected	0.1
Zinc by flame AA	mg/L	0.02	0.01
Ammonia	mg/L as N	0.03	0.02
Chloride titrimetric HgNO3	mg/L	200	1
Sulfate (turbidimetric)	mg/L	73	1
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA			
Phenol	ug/L	Not detected	10
2-Chlorophenol	ug/L	Not detected	10
2-Methylphenol	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47602 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT

Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
4-Methylphenol	ug/L	Not detected	10
2-Nitrophenol	ug/L	Not detected	10
2,4-Dimethylphenol	ug/L	Not detected	10
2,4-Dichlorophenol	ug/L	Not detected	10
4-Chloro-3-methyl phenol	ug/L	Not detected	10
2,4,6-Trichlorophenol	ug/L	Not detected	10
2,4,5-Trichlorophenol	ug/L	Not detected	50
2,4-Dinitrophenol	ug/L	Not detected	50
4-Nitrophenol	ug/L	Not detected	50
4,6-Dinitro-2methylphenol	ug/L	Not detected	50
Pentachlorophenol	ug/L	Not detected	50
N-Nitroso-dimethylamine	ug/L	Not detected	10
Aniline	ug/L	Not detected	10
Bis(2-chloroethyl) ether	ug/L	Not detected	10
1,3-Dichlorobenzene	ug/L	Not detected	10
1,4-Dichlorobenzene	ug/L	Not detected	10
Benzyl alcohol	ug/L	Not detected	10
1,2-Dichlorobenzene	ug/L	Not detected	10
Bis(2-chloroisopropyl) ether	ug/L	Not detected	10
N-Nitroso-di-n-propylamine	ug/L	Not detected	10
Hexachloroethane	ug/L	Not detected	10
Nitrobenzene	ug/L	Not detected	10
Isophorone	ug/L	Not detected	10
Benzoic Acid	ug/L	Not detected	50
Bis(2-chloroethoxy) methane	ug/L	Not detected	10
1,2,4-Trichlorobenzene	ug/L	Not detected	10
Naphthalene	ug/L	Not detected	10
4-Chloroaniline	ug/L	Not detected	50
Hexachlorobutadiene	ug/L	Not detected	10
2-Methylnaphthalene	ug/L	Not detected	10
Hexachlorocyclopentadiene	ug/L	Not detected	10
2-Chloronaphthalene	ug/L	Not detected	10
2-Nitroaniline	ug/L	Not detected	50
Dimethyl Phthalate	ug/L	Not detected	10
Acenaphthylene	ug/L	Not detected	10
3-Nitroaniline	ug/L	Not detected	50
Acenaphthene	ug/L	Not detected	10
Dibenzofuran	ug/L	Not detected	10
2,4-Dinitrotoluene	ug/L	Not detected	10
2,6-Dinitrotoluene	ug/L	Not detected	10
Diethyl Phthalate	ug/L	Not detected	10
4-Chlorophenyl phenyl ether	ug/L	Not detected	10
Fluorene	ug/L	Not detected	10
4-Nitroaniline	ug/L	Not detected	50
N-Nitrosodiphenylamine	ug/L	Not detected	10
4-Bromophenyl phenyl ether	ug/L	Not detected	10
Hexachlorobenzene	ug/L	Not detected	10
Phenanthrene	ug/L	Not detected	10
Anthracene	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47602 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
Di-n-butyl Phthalate	ug/L	Not detected	10
Fluoranthene	ug/L	Not detected	10
Benzidine	ug/L	Not detected	50
Pyrene	ug/L	Not detected	10
Butyl benzyl phthalate	ug/L	Not detected	10
3,3'-Dichlorobenzidine	ug/L	Not detected	20
Benzo(a)anthracene	ug/L	Not detected	10
bis(2-ethylhexyl)phthalate	ug/L	Not detected	10
Chrysene	ug/L	Not detected	10
Di-n-octyl Phthalate	ug/L	Not detected	10
Benzo(b)fluoranthene	ug/L	Not detected	10
Benzo(k)fluoranthene	ug/L	Not detected	10
Benzo(a)pyrene	ug/L	Not detected	10
Indeno(1,2,3-cd)pyrene	ug/L	Not detected	10
Dibenzo(a,h)anthracene	ug/L	Not detected	10
Benzo(g,h,i)perylene	ug/L	Not detected	10

Sample I.D. AA47603

Location code: WTE-6S

Location Description: Waste to Energy M.W. # 6-S

Sample collector: VICKI

Sample collection date: 07/27/94 Time: 10:00

Lab submittal date: 07/27/94 Time: 14:41

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	0.003	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	3.54	0.03
Lead, AA furnace technique	ug/L	Not detected	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	Not detected	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	Not detected	0.01
pH (electrometric)	pH units	7.5	
Total Dissolved Solids	mg/L	522	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	1.01	0.01
Specific Conductance @ 25oC	umhos/cm	1020	1
Elevation, Water Table	Feet NGVD	17.76	0.01

Multicomponent analysis: Purgeables Method 624

Chloromethane	ug/L	Not detected	10
Bromomethane	ug/L	Not detected	10
Vinyl chloride	ug/L	Not detected	10
Chloroethane	ug/L	Not detected	10

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT

Multicomponent analysis: Purgeables Method 624 (continued)			
Methylene chloride	ug/L	Not detected	5
Trichloroflouromethane	ug/L	Not detected	5
1,1-Dichloroethene	ug/L	Not detected	5
1,1-Dichloroethane	ug/L	Not detected	5
trans-1,2-Dichloroethane	ug/L	Not detected	5
Chloroform	ug/L	Not detected	5
1,2-Dichloroethane	ug/L	Not detected	5
1,1,1-trichloroethane	ug/L	Not detected	5
Carbon Tetrachloride	ug/L	Not detected	5
Bromodichloromethane	ug/L	Not detected	5
1,2-Dichloropropane	ug/L	Not detected	5
trans-1,3-Dichloropropene	ug/L	Not detected	5
Trichloroethene	ug/L	Not detected	5
Benzene	ug/L	Not detected	5
Dibromochloromethane	ug/L	Not detected	5
1,1,2-Trichloroethane	ug/L	Not detected	5
cis-1,3-Dichloropropene	ug/L	Not detected	5
2-Chloroethylvinyl ether	ug/L	Not detected	10
Bromoform	ug/L	Not detected	5
1,1,2,2-Tetrachloroethane	ug/L	Not detected	5
Tetrachloroethene	ug/L	Not detected	5
Toluene	ug/L	Not detected	5
Chlorobenzene	ug/L	Not detected	5
Ethyl Benzene	ug/L	Not detected	5
1,3-Dichlorobenzene	ug/L	Not detected	5
1,2-Dichlorobenzene	ug/L	Not detected	5
1,4-Dichlorobenzene	ug/L	Not detected	5
Acetone	ug/L	Not detected	10
Carbon Disulfide	ug/L	Not detected	5
MEK 2-Butanone	ug/L	Not detected	5
Vinyl Acetate	ug/L	Not detected	10
4-Methyl-2-Pentanone	ug/L	Not detected	10
2-Hexanone	ug/L	Not detected	10
Styrene	ug/L	Not detected	5
Total Xylenes	ug/L	Not detected	5
Total Organic Carbon	mg/L	38	1
Barium, AA direct aspiration	mg/L	0.06	0.01
Manganese by flame AA	mg/L	0.02	0.01
Nickel by flame AA	mg/L	0.06	0.04
Sodium, AA direct aspiration	mg/L	68.8	0.1
Thallium by flame AA	mg/L	Not detected	0.1
Zinc by flame AA	mg/L	0.02	0.01
Ammonia	mg/L as N	0.10	0.02
Chloride titrimetric HgNO3	mg/L	130	1
Sulfate (turbidimetric)	mg/L	74	1

Multicomponent analysis: EPA Method 625 Semi Volatile: BNA			
Phenol	ug/L	Not detected	10
2-Chlorophenol	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47603 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
2-Methylphenol	ug/L	Not detected	10
4-Methylphenol	ug/L	Not detected	10
2-Nitrophenol	ug/L	Not detected	10
2,4-Dimethylphenol	ug/L	Not detected	10
2,4-Dichlorophenol	ug/L	Not detected	10
4-Chloro-3-methyl phenol	ug/L	Not detected	10
2,4,6-Trichlorophenol	ug/L	Not detected	10
2,4,5-Trichlorophenol	ug/L	Not detected	50
2,4-Dinitrophenol	ug/L	Not detected	50
4-Nitrophenol	ug/L	Not detected	50
4,6-Dinitro-2methylphenol	ug/L	Not detected	50
Pentachlorophenol	ug/L	Not detected	50
N-Nitroso-dimethylamine	ug/L	Not detected	10
Aniline	ug/L	Not detected	10
Bis(2-chloroethyl) ether	ug/L	Not detected	10
1,3-Dichlorobenzene	ug/L	Not detected	10
1,4-Dichlorobenzene	ug/L	Not detected	10
Benzyl alcohol	ug/L	Not detected	10
1,2-Dichlorobenzene	ug/L	Not detected	10
Bis(2-chloroisopropyl) ether	ug/L	Not detected	10
N-Nitroso-di-n-propylamine	ug/L	Not detected	10
Hexachloroethane	ug/L	Not detected	10
Nitrobenzene	ug/L	Not detected	10
Isophorone	ug/L	Not detected	10
Benzoic Acid	ug/L	Not detected	50
Bis(2-chloroethoxy) methane	ug/L	Not detected	10
1,2,4-Trichlorobenzene	ug/L	Not detected	10
Naphthalene	ug/L	Not detected	10
4-Chloroaniline	ug/L	Not detected	50
Hexachlorobutadiene	ug/L	Not detected	10
2-Methylnaphthalene	ug/L	Not detected	10
Hexachlorocyclopentadiene	ug/L	Not detected	10
2-Chloronaphthalene	ug/L	Not detected	10
2-Nitroaniline	ug/L	Not detected	50
Dimethyl Phthalate	ug/L	Not detected	10
Acenaphthylene	ug/L	Not detected	10
3-Nitroaniline	ug/L	Not detected	50
Acenaphthene	ug/L	Not detected	10
Dibenzofuran	ug/L	Not detected	10
2,4-Dinitrotoluene	ug/L	Not detected	10
2,6-Dinitrotoluene	ug/L	Not detected	10
Diethyl Phthalate	ug/L	Not detected	10
4-Chlorophenyl phenyl ether	ug/L	Not detected	10
Fluorene	ug/L	Not detected	10
4-Nitroaniline	ug/L	Not detected	50
N-Nitrosodiphenylamine	ug/L	Not detected	10
4-Bromophenyl phenyl ether	ug/L	Not detected	10
Hexachlorobenzene	ug/L	Not detected	10
Phenanthrene	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47603 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
Anthracene	ug/L	Not detected	10
Di-n-butyl Phthalate	ug/L	Not detected	10
Fluoranthene	ug/L	Not detected	10
Benzidine	ug/L	Not detected	50
Pyrene	ug/L	Not detected	10
Butyl benzyl phthalate	ug/L	Not detected	10
3,3'-Dichlorobenzidine	ug/L	Not detected	20
Benzo(a)anthracene	ug/L	Not detected	10
bis(2-ethylhexyl)phthalate	ug/L	Not detected	10
Chrysene	ug/L	Not detected	10
Di-n-octyl Phthalate	ug/L	Not detected	10
Benzo(b)fluoranthene	ug/L	Not detected	10
Benzo(k)fluoranthene	ug/L	Not detected	10
Benzo(a)pyrene	ug/L	Not detected	10
Indeno(1,2,3-cd)pyrene	ug/L	Not detected	10
Dibenzo(a,h)anthracene	ug/L	Not detected	10
Benzo(g,h,i)perylene	ug/L	Not detected	10

Sample I.D. AA47604

Location code: WTE-6D

Location Description: Waste to Energy M.W. # 6-D

Sample collector: VICKI

Sample collection date: 07/27/94 Time: 10:00

Lab submittal date: 07/27/94 Time: 14:41

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Arsenic, AA furnace technique	mg/L	0.002	0.001
Cadmium by flame AA	mg/L	Not detected	0.005
Chromium by flame AA	mg/L	Not detected	0.01
Iron by flame AA	mg/L	Not detected	0.03
Lead, AA furnace technique	ug/L	Not detected	1
Mercury, AA cold vapor technique	ug/L	Not detected	0.2
Nitrate	mg/L as N	Not detected	0.01
Nitrite	mg/L as N	Not detected	0.001
Nitrate + Nitrite	mg/L as N	Not detected	0.01
pH (electrometric)	pH units	7.5	
Total Dissolved Solids	mg/L	754	2
Selenium, AA furnace technique	mg/L	Not detected	0.002
Nitrogen, Kjeldahl, Total	mg/L as N	0.67	0.01
Specific Conductance @ 25oC	umhos/cm	1330	1
Elevation, Water Table	Feet NGVD	17.67	0.01
Multicomponent analysis: Purgeables Method 624			
Chloromethane	ug/L	Not detected	10
Bromomethane	ug/L	Not detected	10
Vinyl chloride	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47604 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: Purgeables Method 624 (continued)			
Chloroethane	ug/L	Not detected	10
Methylene chloride	ug/L	Not detected	5
Trichloroflouromethane	ug/L	Not detected	5
1,1-Dichloroethene	ug/L	Not detected	5
1,1-Dichloroethane	ug/L	Not detected	5
trans-1,2-Dichloroethane	ug/L	Not detected	5
Chloroform	ug/L	Not detected	5
1,2-Dichloroethane	ug/L	Not detected	5
1,1,1-trichloroethane	ug/L	Not detected	5
Carbon Tetrachloride	ug/L	Not detected	5
Bromodichloromethane	ug/L	Not detected	5
1,2-Dichloropropane	ug/L	Not detected	5
trans-1,3-Dichloropropene	ug/L	Not detected	5
Trichloroethene	ug/L	Not detected	5
Benzene	ug/L	Not detected	5
Dibromochloromethane	ug/L	Not detected	5
1,1,2-Trichloroethane	ug/L	Not detected	5
cis-1,3-Dichloropropene	ug/L	Not detected	5
2-Chloroethylvinyl ether	ug/L	Not detected	10
Bromoform	ug/L	Not detected	5
1,1,2,2-Tetrachloroethane	ug/L	Not detected	5
Tetrachloroethene	ug/L	Not detected	5
Toluene	ug/L	Not detected	5
Chlorobenzene	ug/L	Not detected	5
Ethyl Benzene	ug/L	Not detected	5
1,3-Dichlorobenzene	ug/L	Not detected	5
1,2-Dichlorobenzene	ug/L	Not detected	5
1,4-Dichlorobenzene	ug/L	Not detected	5
Acetone	ug/L	Not detected	10
Carbon Disulfide	ug/L	Not detected	5
MEK 2-Butanone	ug/L	Not detected	5
Vinyl Acetate	ug/L	Not detected	10
4-Methyl-2-Pentanone	ug/L	Not detected	10
2-Hexanone	ug/L	Not detected	10
Styrene	ug/L	Not detected	5
Total Xylenes	ug/L	Not detected	5
Total Organic Carbon	mg/L	17	1
Barium, AA direct aspiration	mg/L	0.04	0.01
Manganese by flame AA	mg/L	Not detected	0.01
Nickel by flame AA	mg/L	0.04	0.04
Sodium, AA direct aspiration	mg/L	105	0.1
Thallium by flame AA	mg/L	Not detected	0.1
Zinc by flame AA	mg/L	0.02	0.01
Ammonia	mg/L as N	0.13	0.02
Chloride titrimetric HgNO3	mg/L	255	1
Sulfate (turbidimetric)	mg/L	94	1
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA			
Phenol	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47604 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT

Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
2-Chlorophenol	ug/L	Not detected	10
2-Methylphenol	ug/L	Not detected	10
4-Methylphenol	ug/L	Not detected	10
2-Nitrophenol	ug/L	Not detected	10
2,4-Dimethylphenol	ug/L	Not detected	10
2,4-Dichlorophenol	ug/L	Not detected	10
4-Chloro-3-methyl phenol	ug/L	Not detected	10
2,4,6-Trichlorophenol	ug/L	Not detected	10
2,4,5-Trichlorophenol	ug/L	Not detected	50
2,4-Dinitrophenol	ug/L	Not detected	50
4-Nitrophenol	ug/L	Not detected	50
4,6-Dinitro-2methylphenol	ug/L	Not detected	50
Pentachlorophenol	ug/L	Not detected	50
N-Nitroso-dimethylamine	ug/L	Not detected	10
Aniline	ug/L	Not detected	10
Bis(2-chloroethyl) ether	ug/L	Not detected	10
1,3-Dichlorobenzene	ug/L	Not detected	10
1,4-Dichlorobenzene	ug/L	Not detected	10
Benzyl alcohol	ug/L	Not detected	10
1,2-Dichlorobenzene	ug/L	Not detected	10
Bis(2-chloroisopropyl) ether	ug/L	Not detected	10
N-Nitroso-di-n-propylamine	ug/L	Not detected	10
Hexachloroethane	ug/L	Not detected	10
Nitrobenzene	ug/L	Not detected	10
Isophorone	ug/L	Not detected	10
Benzoic Acid	ug/L	Not detected	50
Bis(2-chloroethoxy) methane	ug/L	Not detected	10
1,2,4-Trichlorobenzene	ug/L	Not detected	10
Naphthalene	ug/L	Not detected	10
4-Chloroaniline	ug/L	Not detected	50
Hexachlorobutadiene	ug/L	Not detected	10
2-Methylnaphthalene	ug/L	Not detected	10
Hexachlorocyclopentadiene	ug/L	Not detected	10
2-Chloronaphthalene	ug/L	Not detected	10
2-Nitroaniline	ug/L	Not detected	50
Dimethyl Phthalate	ug/L	Not detected	10
Acenaphthylene	ug/L	Not detected	10
3-Nitroaniline	ug/L	Not detected	50
Acenaphthene	ug/L	Not detected	10
Dibenzofuran	ug/L	Not detected	10
2,4-Dinitrotoluene	ug/L	Not detected	10
2,6-Dinitrotoluene	ug/L	Not detected	10
Diethyl Phthalate	ug/L	Not detected	10
4-Chlorophenyl phenyl ether	ug/L	Not detected	10
Fluorene	ug/L	Not detected	10
4-Nitroaniline	ug/L	Not detected	50
N-Nitrosodiphenylamine	ug/L	Not detected	10
4-Bromophenyl phenyl ether	ug/L	Not detected	10
Hexachlorobenzene	ug/L	Not detected	10

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Mr. Lindsey Sampson Sample I.D. AA47604 (continued)

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: EPA Method 625 Semi Volatile: BNA (continued)			
Phenanthrene	ug/L	Not detected	10
Anthracene	ug/L	Not detected	10
Di-n-butyl Phthalate	ug/L	Not detected	10
Fluoranthene	ug/L	Not detected	10
Benzidine	ug/L	Not detected	50
Pyrene	ug/L	Not detected	10
Butyl benzyl phthalate	ug/L	Not detected	10
3,3'-Dichlorobenzidine	ug/L	Not detected	20
Benzo(a)anthracene	ug/L	Not detected	10
bis(2-ethylhexyl)phthalate	ug/L	Not detected	10
Chrysene	ug/L	Not detected	10
Di-n-octyl Phthalate	ug/L	Not detected	10
Benzo(b)fluoranthene	ug/L	Not detected	10
Benzo(k)fluoranthene	ug/L	Not detected	10
Benzo(a)pyrene	ug/L	Not detected	10
Indeno(1,2,3-cd)pyrene	ug/L	Not detected	10
Dibenzo(a,h)anthracene	ug/L	Not detected	10
Benzo(g,h,i)perylene	ug/L	Not detected	10

Please advise should you have questions concerning these data.

Respectfully submitted,



Keith A. Kibbey
Laboratory Director
Division of Natural Resources Management