

Crisp Analytical Laboratories, L.L.C.

2081 Hutton Dr. Suite 301 • Carrollton, TX 75006 • (972) 488-1414 • Fax (972) 488-8006

CA Labs L.L.C.

11800 Industriplex, Suite 5 • Baton Rouge, LA 70809 • (225) 751-5632 • Fax (225) 751-5634

PLAINTIFF'S EXHIBIT

CHV-915

Transmission Electron Microscopy Report

Analysis Method: Asbestos in Drinking Water by EPA 100.1 / 100.2

Sample Prep Method: Samples are filtered on 0.1µm Polycarbonate Filters, Carbon Coated, and Dissolved with Chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

Client Information:
Continental Analytical
1804 Glendale Rd.
Salina, KS 67401

phone # 785-827-1273

fax # 785-823-7830

Attn:

Report Date:

29 March 2001

CA Labs project no.

Client project name
and number:

CAL0103778

Yearly Asbestos Sampling
DS032101

Samples received:

03-22-01 10:00am

Turn-around time:

5 day

PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 µm: chrysotile	Asbestos Structures Detected >10 µm: amphibole	Analytical Sensitivity: S/L x 10 ⁶	Concentration of Structures >10µm: S/L x 10 ⁶
----------	----------------------------------	---------------------------------------	-----------------------------	---	--	---	---	---

F032101-74	N/G	1,064	20	0.2704	0	0	0.1967	< 0.1967
F032101-75	N/G	1,064	20	0.2704	0	0	0.1967	< 0.1967
F032101-76	N/G	1,064	20	0.2704	0	0	0.1967	< 0.1967
F032101-77	N/G	1,064	20	0.2704	0	0	0.1967	< 0.1967
F032101-78	N/G	1,064	20	0.2704	0	0	0.1967	< 0.1967

Grid Opening Area: 0.0104mm ²	Particulate Loading: high	Asbestiform Identification:
Sample Check-in Time: 03-22-01 10:00am	Sample Filter Time: 03-22-01 11:15am	Fibers <10µm present (Y/N): no

Leslie Crisp
Analyst

NVLAP #200349-0
TDH #30-0235
EPA #TX01402

page 1 of 3

Approved Signatories:

Leslie Crisp,
General Manager

David Bertolacci,
Laboratory Director

Notes:

The current EPA guideline for compliance is 7.0 million structures per liter (S/L x 10⁶) for asbestos structures greater than 10 microns in length. Analytical Sensitivity is calculated based on one structure in area analyzed.

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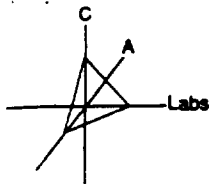
Analysis performed at Crisp Analytical Labs, L.L.C. 2081 Hutton Dr. Suite 301 Carrollton, TX 75006; phone (972) 488-1414, fax (972) 488-8006, after-hours mobile (469) 233-5282 or (214) 564-8366.

SAMPLE CHAIN OF CUSTODY FORM
EL PASO WATER UTILITIES
CENTRAL LABORATORY

Sample Information			
YEARLY ASBESTOS SAMPLING			
Requested By:	John Balliew		
Analysis Requested:	Asbestos		
Project:	DS	SAMPLE SIZE :	250mL plastic
Date Collected:	032101	SAMPLE TYPE:	GRAB

Sample Identification	Sample Location	Sample Point	Time Collected	Collected By	Delivered By
F032101-74	FHWRP 11700 RAILROAD	DI Tap Blank	0840	EFO	
F032101-75	FRANKLIN CANAL INLET	Canal Influent	1620	Mam	
F032101-76	ANDRES PIZZA 3233N Mesa	SINK AT Bathroom	0950	Mam	
F032101-77	Mesa & Kern	Hydrant # 4605	1660	Mam	
F032101-78	Residence 2601 Missouri	SINK AT Kitchen	1040		
F032101-79	Rosewood & Missouri 2600 Rosewood	Hydrant # 1610	1055		
F032101-80	Residence 1290 Kentucky	SINK AT Kitchen	1125		
F032101-81	San Jose & Kentucky	Hydrant # 2208	1140		
F032101-82	Community College 919 Hunter	outside FAUCET	1216		
F032101-83	919 Hunter	Hydrant # 4506	1214		
F032101-84	Residence 10701 Sugarland	outside FAUCET	1310		
F032101-85	Round Rock & Sugarland	Hydrant # 4633	1315		
032101-86	Round Rock & Sugarland	Hydrant # 4633	1315		

Received by:		DATE/TIME	
Delivered by:	Mam	DATE/TIME	3-21-2001 1335
Received by:			
Date:	032101	Time:	1330



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Transmission Electron Microscopy Report

Analysis Method: Asbestos in Drinking Water by EPA 100.1 / 100.2

Sample Prep Method: Samples are filtered on 0.1µm Polycarbonate Filters, Carbon Coated, and Dissolved with Chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

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phone # 785-827-1273

fax # 785-823-7830

Attn:

Report Date:

29 March 2001

CA Labs project no.

Client project name

and number:

CAL0103778

Yearly Asbestos Sampling

DS032101

Samples received:

03-22-01 10:00am

Turn-around time:

5 day

PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 µm: chrysotile	Asbestos Structures Detected >10 µm: amphibole	Analytical Sensitivity: S/L x 10 ⁶	Concentration of Structures >10µm: S/L x 10 ⁶
F032101- 84	N/G	1,064	20	0.2704	0	0	0.1967	< 0.1967
F032101- 85	N/G	1,064	20	0.2704	0	0	0.1967	< 0.1967
F032101- 86	N/G	1,064	20	0.2704	0	0	0.1967	< 0.1967
---	Lab Blank	1,064	20	0.2704	0	0	0.1967	< 0.1967

Grid Opening Area: 0.0104mm ²	Particulate Loading: high	Asbestiform Identification:
Sample Check-in Time: 03-22-01 10:00am	Sample Filter Time: 03-22-01 11:15am	Fibers <10µm present (Y/N): no

Leslie Crisp
Analyst

NVLAP #200349-0

TDH #30-0235

EPA #TX01402

page 3 of 3

Approved Signatories:

Leslie Crisp,
General Manager

David Bertolacci,
Laboratory Director

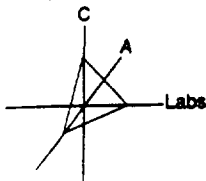
Notes:

The current EPA guideline for compliance is 7.0 million structures per liter (S/L x 10⁶) for asbestos structures greater than 10 microns in length. Analytical Sensitivity is calculated based on one structure in area analyzed.

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Transmission Electron Microscopy Report

Analysis Method: Asbestos in Drinking Water by EPA 100.1 / 100.2

Sample Prep Method: Samples are filtered on 0.1 μ m Polycarbonate Filters, Carbon Coated, and Dissolved with Chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

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Report Date:

29 March 2001

CA Labs project no.

Client project name
and number:

CAL0103778

Yearly Asbestos Sampling
DS032101

Samples received:

03-22-01 10:00am

Turn-around time:

5 day

PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 μ m: chrysotile	Asbestos Structures Detected >10 μ m: amphibole	Analytical Sensitivity: S/L x 10 ⁶	Concentration of Structures >10 μ m: S/L x 10 ⁶
----------	----------------------------------	---------------------------------------	-----------------------------	---	---	--	---	---

F032101-79	N/G	1,064	20	0.2704	2	0	0.1967	0.3938
F032101-80	N/G	1,064	20	0.2704	0	0	0.1967	< 0.1967
F032101-81	N/G	1,064	20	0.2704	0	0	0.1967	< 0.1967
F032101-82	N/G	1,064	20	0.2704	0	0	0.1967	< 0.1967
F032101-83	N/G	1,064	20	0.2704	0	0	0.1967	< 0.1967

Grid Opening Area: 0.0104mm ²	Particulate Loading: high	Asbestiform Identification: chrysotile
Sample Check-in Time: 03-22-01 10:00am	Sample Filter Time: 03-22-01 11:15am	Fibers <10 μ m present (Y/N): no

Leslie Crisp
Analyst

NVLAP #200349-0
TDH #30-0235
EPA #TX01402

page 2 of 3

Approved Signatories:

Leslie Crisp,
General Manager

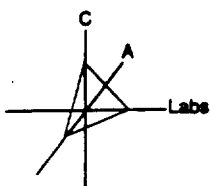
David Bertolacci,
Laboratory Director

Notes:
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Transmission Electron Microscopy Report

Analysis Method: Asbestos in Drinking Water by EPA 100.1 / 100.2

Sample Prep Method: Samples are filtered on 0.1µm Polycarbonate Filters, Carbon Coated, and Dissolved with Chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

Client Information:
Continental Analytical
1804 Glendale Rd
Salina, KS 67401
phone # 785-827-1273
fax # 785-823-7830
Attn: Elizabeth DeMoultrie

Report Date:

9 March 2000

CA Labs project no.

CAL0003560

Client project name and number:

Yearly Asbestos
DS022900

Water System ID:

Samples received:

3-1-00 10:00am

Turn-around time:

21 days

PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 µm: chrysotile	Asbestos Structures Detected >10 µm: amphibole	Analytical Sensitivity: S/L x 10 ⁶	Concentration of Structures >10µm: S/L x 10 ⁶
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F022900-60	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-61	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-62	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-63	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
---	Lab Blank	1,064	50	0.1133	0	0	0.1878	< 0.1878

Grid Opening Area: 0.0103mm ²	Particulate Loading: light	Asbestiform Identification: none
Sample Check-in Time: 3-1-00 10:00am	Sample Filter Time: 3-1-00 11:00am	Fibers <10µm present (Y/N): yes - F022900-60

ELC

Leslie Crisp
Analyst

NVLAP #200349-0
TDH #30-0235
EPA #TX01402

page 1 of 4

Approved Signatories:

Leslie Crisp,
General Manager

David Bertolacci,
Laboratory Director

Notes:

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CHAIN OF CUSTODY RECORD

Date/Time Stamp:

Laboratory No.

F022900-60

Collected by: Manny Moreno

Collection Date: Feb. 29, 2000

Collection Time: 0935

Delivered by/date: Manny Moreno

Received by/date: 02-29-2000

Delivered by/date: 022900

Received by/date:

Tamper Seal:

PRESENT

ABSENT

Compromised:

CLIENT INFORMATION

Requested by: John Balliew

Samp. Location: Residential Home

(e.g. Residence, Plant Name, Co. Name)

Address: 2601 Missouri

Project Code: DS

(Refer to list below)

Sampling Point: Outside Faucet

(e.g. Manhole, FE, Kitchen Tap)

Report Format:

☐ Standard Report

☐ FAX Report to:

☐ Other:

Turn-Around-Time Requested:

☐ 21-day TAT

☐ 14-day TAT

☐ Other:

Sample Description:

☐ Grab

☐ Composite/Flow Proportional

☐ Composite/Time Weighted

Number of aliquotes:

Analysis Requested:

No. of Containers:

Type of Containers:

Preservation / By / Date:

ASBESTOS

1

250mL HDPE

Analysis/Result:

Date/Time Collection:

Date/Time Analysis:

Initials:

PROJECT CODES

CL = Laboratory Services

CS = Collection System

DS = Distribution System

FH = Fred Hervey WRP

HS = Haskell R. Street WWTP

IP = Industrial Pretreatment

JR = Jonathan Rogers WTP

LF = Landfill

NW = Northwest Quarry WWTP

RB = Roberto R. Bustamante WWTP

UR = Umbenhauer/Robertson WTP

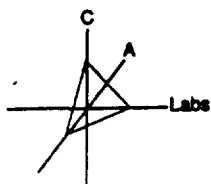
WC = Water Complaint

WR = Water Reuse/Biosolids

WS = Well Sample

O = Other

REMARKS:



Crisp Analytical Laboratories, L.L.C.

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Analysis Method: Asbestos in Drinking Water by EPA 100.1 / 100.2

Sample Prep Method: Samples are filtered on 0.1 μ m Polycarbonate Filters, Carbon Coated, and Dissolved with Chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

Client Information:

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1804 Glendale Rd

Salina, KS 67401

phone # 785-827-1273

fax # 785-823-7830

Attn: Elizabeth DeMoultrie

Report Date:

9 March 2000

CA Labs project no.

CAL0003560

Client project name

Yearly Asbestos

and number:

DS022900

Water System ID:

Samples received:

3-1-00 10:00am

Turn-around time:

21 days

PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 μ m: chrysotile	Asbestos Structures Detected >10 μ m: amphibole	Analytical Sensitivity: S/L x 10 ⁶	Concentration of Structures >10 μ m: S/L x 10 ⁶
----------	----------------------------------	---------------------------------------	-----------------------------	---	---	--	---	---

F022900-60	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-61	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-62	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-63	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
---	Lab Blank	1,064	50	0.1133	0	0	0.1878	< 0.1878

Grid Opening Area: 0.0103mm ²	Particulate Loading: light	Asbestiform Identification: none
Sample Check-in Time: 3-1-00 10:00am	Sample Filter Time: 3-1-00 11:00am	Fibers <10 μ m present (Y/N): yes - F022900-60

Leslie Crisp
Analyst

NVLAP #200349-0
TDH #30-0235
EPA #TX01402

page 1 of 4

Approved Signatories:

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General Manager

David Bertolacci,
Laboratory Director

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Date/Time Stamp:

Laboratory No.

F022900-61

Collected by: Manny Moreno

Collection Date: Feb. 29, 2000

Collection Time: 0935

Delivered by/date: [Signature] 2-29-2000

Received by/date: [Signature] 022400

Delivered by/date: _____

Received by/date: _____

Tamper Seal:

PRESENT	☒
ABSENT	☐

Compromised: _____

CLIENT INFORMATION

Requested by: John Balliew

Samp. Location: Residential Home (e.g. Residence, Plant Name, Co. Name)

Address: 2601 Missouri

Project Code: DS (Refer to list below)

Sampling Point: Outside Faucet (e.g. Manhole, FE, Kitchen Tap)

Report Format:		Turn Around Time Requested:		Sample Description:	
☐ Standard Report	☐ 21-day TAT	☐ Grab			
☐ FAX Report to:	☐ 14-day TAT	☐ Composite/Flow Proportional			
☐ Other:	☐ Other:	☐ Composite/Time Weighted			
Number of aliquotes: _____					

Analysis Requested	No. of Containers	Type of Container	Preservation/ By/ Date
ASBESTOS	1	250mL HDPE	

FIELD ANALYSES			
Analysis/Result	Date/Time Collection	Date/Time Analysis	Initials

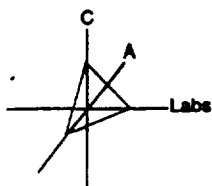
PROJECT CODES

CL = Laboratory Services
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WS = Well Sample
O = Other

REMARKS:



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Attn: Elizabeth DeMoultrie

Report Date:

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CA Labs project no.

CAL0003560

Client project name

Yearly Asbestos

and number:

DS022900

Water System ID:

Samples received:

3-1-00 10:00am

Turn-around time:

21 days

PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 µm: chrysotile	Asbestos Structures Detected >10 µm: amphibole	Analytical Sensitivity: S/L x 10 ⁶	Concentration of Structures >10µm: S/L x 10 ⁶
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F022900-61	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-62	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-63	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
---	Lab Blank	1,064	50	0.1133	0	0	0.1878	< 0.1878

Grid Opening Area: 0.0103mm ²	Particulate Loading: light	Asbestiform Identification: none
Sample Check-in Time: 3-1-00 10:00am	Sample Filter Time: 3-1-00 11:00am	Fibers <10µm present (Y/N): yes - F022900-60

Leslie Crisp
Analyst

NVLAP #200349-0
TDH #30-0235
EPA #TX01402

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Approved Signatories:

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General Manager

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Notes:

The current EPA guideline for compliance is 7.0 million structures per liter (S/L x 10⁶) for asbestos structures greater than 10 microns in length. Analytical Sensitivity is calculated based on one structure in area analyzed.

CA Labs is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for selected test methods for airborne asbestos fiber analysis (TEM), asbestos fiber analysis (PLM), and by the EPA for analysis of asbestos in drinking water. This test report relates only to the items tested. Neither NVLAP nor EPA accreditation implies endorsement by any US Government agency. This report may not be reproduced except in full, without written permission by CA Labs.

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Analysis performed at Crisp Analytical Labs, L.L.C. 2081 Hutton Dr. Suite 309 Carrollton, TX 75006; phone (972) 488-1414, fax (972) 488-8006, after-hours mobile (972) 977-1958 or (214) 564-8366.

CHAIN OF CUSTODY RECORD

Date/Time Stamp:

Laboratory No.

F022900-62

Collected by: Manny Moreno

Collection Date: Feb. 29, 2000

Collection Time: 0955 2-29-2000

Delivered by/date: [Signature] 2-29-2000

Received by/date: [Signature] 022900

Delivered by/date: _____

Received by/date: _____

Tamper Seal:

PRESENT	☒
ABSENT	☐

Compromised: _____

CLIENT INFORMATION

Requested by: John Balliew

Samp. Location: Rosewood & Missouri

(e.g. Residence, Plant Name, Co. Name)

Address: 2600 Rosewood

Project Code: DS

(Refer to list below)

Sampling Point: Hydrant #1610

(e.g. Manhole, FE, Kitchen Tap)

Report Format:		Turn-Around-Time Requested:		Sample Description:	
☒ Standard Report		☒ 21-day TAT		☒ Grab	
☐ FAX Report to:		☐ 14-day TAT		☐ Composite/Flow Proportional	
☐ Other:		☐ Other:		☐ Composite/Time Weighted	
Number of aliquotes: _____					

Analysis Requested	No. of Containers	Type of Containers	Preparation By/Date
ASBESTOS	1	250mL HDPE	

FIELD ANALYSES			
Analysis/Result	Date/Time Collection	Date/Time Analysis	Initials

PROJECT CODES

CL = Laboratory Services

CS = Collection System

DS = Distribution System

FH = Fred Hervey WRP

HS = Haskell R. Street WWTP

IP = Industrial Pretreatment

JR = Jonathan Rogers WTP

LF = Landfill

NW = Northwest Quarry WWTP

RB = Roberto R. Bustamante WWTP

UR = Umbenhauer/Robertson WTP

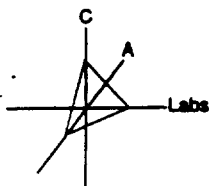
WC = Water Complaint

WR = Water Reuse/Biosolids

WS = Well Sample

O = Other

REMARKS:



Crisp Analytical Laboratories, L.L.C.

2081 Hutton Dr. Suite 309 • Carrollton, TX 75006 • (972) 488-1414 • Fax (972) 488-8006

CA Labs L.L.C.

11800 Industriplex, Suite 5 • Baton Rouge, LA 70809 • (225) 751-5632 • Fax (225) 751-5634

Transmission Electron Microscopy Report

Analysis Method: Asbestos in Drinking Water by EPA 100.1 / 100.2

Sample Prep Method: Samples are filtered on 0.1µm Polycarbonate Filters, Carbon Coated, and Dissolved with Chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

Client Information:

Continental Analytical

1804 Glendale Rd

Salina, KS 67401

phone # 785-827-1273

fax # 785-823-7830

Attn: Elizabeth DeMoultrie

Report Date:

9 March 2000

CA Labs project no.

CAL0003560

Client project name

Yearly Asbestos

and number:

DS022900

Water System ID:

Samples received:

3-1-00 10:00am

Turn-around time:

21 days

PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 µm: chrysotile	Asbestos Structures Detected >10 µm: amphibole	Analytical Sensitivity: S/L x 10 ⁴	Concentration of Structures >10µm: S/L x 10 ⁴
----------	----------------------------------	---------------------------------------	-----------------------------	---	--	---	---	---

F022900-60	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-61	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-62	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-63	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
---	Lab Blank	1,064	50	0.1133	0	0	0.1878	< 0.1878

Grid Opening Area: 0.0103mm ²	Particulate Loading: light	Asbestiform Identification: none
Sample Check-in Time: 3-1-00 10:00am	Sample Filter Time: 3-1-00 11:00am	Fibers <10µm present (Y/N): yes - F022900-60

ELC

Leslie Crisp
Analyst

NVLAP #200349-0
TDH #30-0235
EPA #TX01402

page 1 of 4

Approved Signatories:

Leslie Crisp,
General Manager

David Bertolacci,
Laboratory Director

Notes:

The current EPA guideline for compliance is 7.0 million structures per liter (S/L x 10⁶) for asbestos structures greater than 10 microns in length. Analytical Sensitivity is calculated based on one structure in area analyzed.

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Analysis performed at Crisp Analytical Labs, L.L.C. 2081 Hutton Dr. Suite 309 Carrollton, TX 75006; phone (972) 488-1414, fax (972) 488-8006, after-hours mobile (972) 977-1958 or (214) 564-8366.

CHAIN OF CUSTODY RECORD

Date/Time Stamp:

Laboratory No.

F022900-63

Collected by: Manny Moreno

Collection Date: Feb. 29, 2000

Collection Time: 1015

Delivered by/date: Manny Moreno 2-29-2000

Received by/date: [Signature] 022900

Delivered by/date: _____

Received by/date: _____

Tamper Seal:

PRESENT	☒
ABSENT	☐

Compromised: _____

CLIENT INFORMATION

Requested by: John Balliew

Samp. Location: Franklin Canal Inlet (e.g. Residence, Plant Name, Co. Name)

Address: _____

Project Code: DS (Refer to list below)

Sampling Point: Canal Plant Influent (e.g. Manhole, FE, Kitchen Tap)

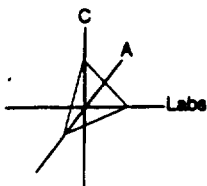
Report Format:	Turn-Around-Time Requested:	Sample Description:
☒ Standard Report	☒ 21-day TAT	☒ Grab
☐ FAX Report to:	☐ 14-day TAT	☐ Composite/Flow Proportional
☐ Other:	☐ Other:	☐ Composite/Time Weighted
Number of aliquotes: _____		

Analysis Requested	No. of Containers	Type of Containers	Preservation By Date
ASBESTOS	1	250mL HDPE	

FIELD ANALYSES			
Analysis/Result	Date/Time Collection	Date/Time Analysis	Initials

PROJECT CODES		
CL = Laboratory Services	IP = Industrial Pretreatment	UR = Umbenhauer/Robertson WTP
CS = Collection System	JR = Jonathan Rogers WTP	WC = Water Complaint
DS = Distribution System	LF = Landfill	WR = Water Reuse/Biosolids
FH = Fred Hervey WRP	NW = Northwest Quarry WWTP	WS = Well Sample
HS = Haskell R. Street WWTP	RB = Roberto R. Bustamante WWTP	O = Other

REMARKS:



Crisp Analytical Laboratories, L.L.C.

2081 Hutton Dr. Suite 309 • Carrollton, TX 75006 • (972) 488-1414 • Fax (972) 488-8006

CA Labs L.L.C.

11800 Industriplex, Suite 5 • Baton Rouge, LA 70809 • (225) 751-5632 • Fax (225) 751-5634

Transmission Electron Microscopy Report

Analysis Method: Asbestos in Drinking Water by EPA 100.1 / 100.2

Sample Prep Method: Samples are filtered on 0.1µm Polycarbonate Filters, Carbon Coated, and Dissolved with Chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

Client Information:
Continental Analytical
1804 Glendale Rd
Salina, KS 67401
phone # 785-827-1273
fax # 785-823-7830
Attn: Elizabeth DeMoultrie

Report Date:

9 March 2000

CA Labs project no.

Client project name
and number:

CAL0003560

Yearly Asbestos
DS022900

Water System ID:

Samples received:

3-1-00 10:00am

Turn-around time:

21 days

PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 µm: chrysotile	Asbestos Structures Detected >10 µm: amphibole	Analytical Sensitivity: S/L x 10 ⁴	Concentration of Structures >10µm: S/L x 10 ⁴
----------	----------------------------------	---------------------------------------	-----------------------------	---	--	---	---	---

F022900-64	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-65	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-66	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-67	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
---	Lab Blank	1,064	50	0.1133	0	0	0.1878	< 0.1878

Grid Opening Area: 0.0103mm ²	Particulate Loading: light	Asbestiform Identification: none
Sample Check-in Time: 3-1-00 10:00am	Sample Filter Time: 11:00am 3-1-00	Fibers <10µm present (Y/N): no

Leslie Crisp
Analyst

NVLAP #200349-0
TDH #30-0235
EPA #TX01402

page 2 of 4

Approved Signatories:

Leslie Crisp,
General Manager

David Bertolacci,
Laboratory Director

Notes:

The current EPA guideline for compliance is 7.0 million structures per liter (S/L x 10⁶) for asbestos structures greater than 10 microns in length. Analytical Sensitivity is calculated based on one structure in area analyzed.

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Analysis performed at Crisp Analytical Labs, L.L.C. 2081 Hutton Dr. Suite 309 Carrollton, TX 75006; phone (972) 488-1414, fax (972) 488-8006, after-hours mobile (972) 977-1958 or (214) 564-8366.

CHAIN OF CUSTODY RECORD

Date/Time Stamp:

Laboratory No.

F022900-64

Collected by: **Manny Moreno**

Collection Date: **Feb. 29, 2000**

Collection Time: **10:30**

Delivered by/date: **[Signature] 2-29-2000**

Received by/date: **[Signature] 022900**

Delivered by/date:

Received by/date:

Tamper Seal:

PRESENT

ABSENT

Compromised:

CLIENT INFORMATION

Requested by: **John Balliew**

Samp. Location: **Andres Pizza**

(e.g. Residence, Plant Name, Co. Name)

Address: **3233 North Mesa**

Project Code: **DS**

(Refer to list below)

Sampling Point: **Bathroom Sink**

(e.g. Manhole, FE, Kitchen Tap)

Report Format:

☐ Standard Report

☐ FAX Report to:

☐ Other:

Turn-Around-Time Requested:

☐ 21-day TAT

☐ 14-day TAT

☐ Other:

Sample Description:

☐ Grab

☐ Composite/Flow Proportional

☐ Composite/Time Weighted

Number of aliquotes:

Analysis Requested	No. of Containers	Type of Containers	Preservation By Date
ASBESTOS	1	250mL HDPE	

FIELD ANALYSES

Analysis/Result	Date/Time Collection	Date/Time Analysis	Initials

PROJECT CODES

CL = Laboratory Services

CS = Collection System

DS = Distribution System

FH = Fred Hervey WRP

HS = Haskell R. Street WWTP

IP = Industrial Pretreatment

JR = Jonathan Rogers WTP

LF = Landfill

NW = Northwest Quarry WWTP

RB = Roberto R. Bustamante WWTP

UR = Umbenhauer/Robertson WTP

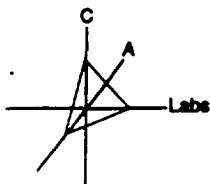
WC = Water Complaint

WR = Water Reuse/Biosolids

WS = Well Sample

O = Other

REMARKS:



Crisp Analytical Laboratories, L.L.C.

2081 Hutton Dr. Suite 309 • Carrollton, TX 75006 • (972) 488-1414 • Fax (972) 488-8006

CA Labs L.L.C.

11800 Industripex, Suite 5 • Baton Rouge, LA 70809 • (225) 751-5632 • Fax (225) 751-5634

Transmission Electron Microscopy Report

Analysis Method: Asbestos in Drinking Water by EPA 100.1 / 100.2

Sample Prep Method: Samples are filtered on 0.1µm Polycarbonate Filters, Carbon Coated, and Dissolved with Chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

Client Information:

Continental Analytical

1804 Glendale Rd

Salina, KS 67401

phone # 785-827-1273

fax # 785-823-7830

Attn: Elizabeth DeMoultrie

Report Date:

9 March 2000

CA Labs project no.

Client project name
and number:

CAL0003560

Yearly Asbestos
DS022900

Water System ID:

Samples received:

3-1-00 10:00am

Turn-around time:

21 days

PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 µm: chrysotile	Asbestos Structures Detected >10 µm: amphibole	Analytical Sensitivity: S/L x 10 ⁶	Concentration of Structures >10µm: S/L x 10 ⁶
----------	----------------------------------	---------------------------------------	-----------------------------	---	--	---	---	---

F022900-64	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-65	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-66	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-67	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
---	Lab Blank	1,064	50	0.1133	0	0	0.1878	< 0.1878

Grid Opening Area: 0.0103mm ²	Particulate Loading: light	Asbestiform Identification: none
Sample Check-in Time: 3-1-00 10:00am	Sample Filter Time: 11:00am 3-1-00	Fibers <10µm present (Y/N): no

Leslie Crisp
Analyst

NVLAP #200349-0
TDH #30-0235
EPA #TX01402

page 2 of 4

Approved Signatories:

Leslie Crisp,
General Manager

David Bertolacci,
Laboratory Director

Notes:

The current EPA guideline for compliance is 7.0 million structures per liter (S/L x 10⁶) for asbestos structures greater than 10 microns in length. Analytical Sensitivity is calculated based on one structure in area analyzed.

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Analysis performed at Crisp Analytical Labs, L.L.C. 2081 Hutton Dr. Suite 309 Carrollton, TX 75006; phone (972) 488-1414, fax (972) 488-8006, after-hours mobile (972) 977-1958 or (214) 564-8366.

CHAIN OF CUSTODY RECORD

Date/Time Stamp:

Laboratory No.

F022900-65

Collected by: Manny Moreno

Collection Date: Feb. 29, 2000

Collection Time: 1050

Delivered by/date: Manny Moreno 2-29-2000

Received by/date: [Signature] 022900

Delivered by/date: _____

Received by/date: _____

Tamper Seal:

PRESENT	☒
ABSENT	☐

Compromised: _____

CLIENT INFORMATION

Requested by: John Balliew

Samp. Location: Mesa & Kern (e.g. Residence, Plant Name, Co. Name)

Address: _____

Project Code: DS (Refer to list below)

Sampling Point: Hydrant # 4605 (e.g. Manhole, FE, Kitchen Tap)

Report Format:		Turn-Around-Time Requested:		Sample Description:	
☒ Standard Report		☒ 21-day TAT		☒ Grab	
☐ FAX Report to:		☐ 14-day TAT		☐ Composite/Flow Proportional	
☐ Other:		☐ Other:		☐ Composite/Time Weighted	
Number of aliquotes: _____					

Analysis Requested	No. of Containers	Type of Containers	Preservations/By/Date
ASBESTOS	1	250mL HDPE	

FIELD ANALYSE			
Analysis/Result	Date/Time Collection	Date/Time Analysis	Initials

PROJECT CODES		
CL = Laboratory Services	IP = Industrial Pretreatment	UR = Umbenhauer/Robertson WTP
CS = Collection System	JR = Jonathan Rogers WTP	WC = Water Complaint
DS = Distribution System	LF = Landfill	WR = Water Reuse/Biosolids
FH = Fred Hervey WRP	NW = Northwest Quarry WWTP	WS = Well Sample
HS = Haskell R. Street WWTP	RB = Roberto R. Bustamante WWTP	O = Other

REMARKS:

CHAIN OF CUSTODY RECORD

Date/Time Stamp:

Laboratory No.

F022900-66

Collected by: Manny Moreno

Collection Date: Feb. 29, 2000

Collection Time: 1110

Delivered by/date: Manny Moreno 2-29-2000

Received by/date: Elly [Signature] 022900

Delivered by/date: _____

Received by/date: _____

Tamper Seal:

☒ PRESENT

☐ ABSENT

Compromised: _____

CLIENT INFORMATION

Requested by: John Balliew

Samp. Location: Residential Home

(e.g. Residence, Plant Name, Co. Name)

Address: 2500 San Jose

Project Code: DS

(Refer to list below)

Sampling Point: Outside Faucet

(e.g. Manhole, FE, Kitchen Tap)

Report Format:

Turn-Around-Time Requested:

Sample Description:

☐ Standard Report

☐ 21-day TAT

☐ Grab

☐ FAX Report to:

☐ 14-day TAT

☐ Composite/Flow Proportional

☐ Other:

☐ Other:

☐ Composite/Time Weighted

Number of aliquotes: _____

Analysis Requested:

No. of Containers:

Type of Containers:

Preservation By:

ASBESTOS

1

250mL HDPE

Analysis/Result

Date/Time Collection

Date/Time Analysis

Initials

PROJECT CODES

CL = Laboratory Services

IP = Industrial Pretreatment

UR = Umbenhauer/Robertson WTP

CS = Collection System

JR = Jonathan Rogers WTP

WC = Water Complaint

DS = Distribution System

LF = Landfill

WR = Water Reuse/Biosolids

FH = Fred Hervey WRP

NW = Northwest Quarry WWTP

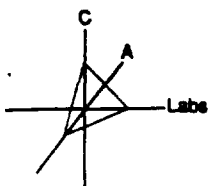
WS = Well Sample

HS = Haskell R. Street WWTP

RB = Roberto R. Bustamante WWTP

O = Other

REMARKS:



Crisp Analytical Laboratories, L.L.C.

2081 Hutton Dr. Suite 309 • Carrollton, TX 75006 • (972) 488-1414 • Fax (972) 488-8006

CA Labs L.L.C.

11800 Industriplex, Suite 5 • Baton Rouge, LA 70809 • (225) 751-5632 • Fax (225) 751-5634

Transmission Electron Microscopy Report

Analysis Method: Asbestos in Drinking Water by EPA 100.1 / 100.2

Sample Prep Method: Samples are filtered on 0.1 μ m Polycarbonate Filters, Carbon Coated, and Dissolved with Chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

Client Information:

Continental Analytical

1804 Glendale Rd

Salina, KS 67401

phone # 785-827-1273

fax # 785-823-7830

Attn: Elizabeth DeMoultrie

Report Date:

9 March 2000

CA Labs project no.

CAL0003560

Client project name

Yearly Asbestos

and number:

DS022900

Water System ID:

Samples received:

3-1-00 10:00am

Turn-around time:

21 days

PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 μ m: chrysotile	Asbestos Structures Detected >10 μ m: amphibole	Analytical Sensitivity: S/L x 10 ⁶	Concentration of Structures >10 μ m: S/L x 10 ⁶
----------	----------------------------------	---------------------------------------	-----------------------------	---	---	--	---	---

F022900-64	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-65	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-66	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-67	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
---	Lab Blank	1,064	50	0.1133	0	0	0.1878	< 0.1878

Grid Opening Area: 0.0103mm ²	Particulate Loading: light	Asbestiform Identification: none
Sample Check-in Time: 3-1-00 10:00am	Sample Filter Time: 11:00am 3-1-00	Fibers <10 μm present (Y/N): no

Leslie Crisp
Analyst

NVLAP #200349-0

TDH #30-0235

EPA #TX01402

page 2 of 4

Approved Signatories:

Leslie Crisp,
General Manager

David Bertolacci,
Laboratory Director

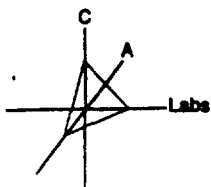
Notes:

The current EPA guideline for compliance is 7.0 million structures per liter (S/L x 10⁶) for asbestos structures greater than 10 microns in length. Analytical Sensitivity is calculated based on one structure in area analyzed.

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Analysis performed at Crisp Analytical Labs, L.L.C. 2081 Hutton Dr. Suite 309 Carrollton, TX 75006; phone (972) 488-1414, fax (972) 488-8006, after-hours mobile (972) 977-1958 or (214) 564-8366.



Crisp Analytical Laboratories, L.L.C.

2081 Hutton Dr. Suite 309 • Carrollton, TX 75006 • (972) 488-1414 • Fax (972) 488-8006

CA Labs L.L.C.

11800 Industriplex, Suite 5 • Baton Rouge, LA 70809 • (225) 751-5632 • Fax (225) 751-5634

Transmission Electron Microscopy Report

Analysis Method: Asbestos in Drinking Water by EPA 100.1 / 100.2

Sample Prep Method: Samples are filtered on 0.1µm Polycarbonate Filters, Carbon Coated, and Dissolved with Chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

Client Information:

Continental Analytical

1804 Glendale Rd

Salina, KS 67401

phone # 785-827-1273

fax # 785-823-7830

Attn: Elizabeth DeMoultre

Report Date:

9 March 2000

CA Labs project no.

Client project name
and number:

CAL0003560

Yearly Asbestos
DS022900

Water System ID:

Samples received:

3-1-00 10:00am

Turn-around time:

21 days

PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 µm: chrysotile	Asbestos Structures Detected >10 µm: amphibole	Analytical Sensitivity: S/L x 10 ⁶	Concentration of Structures >10µm: S/L x 10 ⁶
----------	----------------------------------	---------------------------------------	-----------------------------	---	--	---	---	---

F022900-68	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-69	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-70	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-71	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
---	Lab Blank	1,064	50	0.1133	0	0	0.1878	< 0.1878

Grid Opening Area: 0.0103mm ²	Particulate Loading: light	Asbestiform Identification: none
Sample Check-In Time: 3-1-00 10:00am	Sample Filter Time: 11:00am 3-1-00	Fibers <10µm present (Y/N): no

ewb

Leslie Crisp
Analyst

NVLAP #200349-0
TDH #30-0235
EPA #TX01402

page 3 of 4

Approved Signatories:

Leslie Crisp,
General Manager

David Bertolacci,
Laboratory Director

Notes:

The current EPA guideline for compliance is 7.0 million structures per liter (S/L x 10⁶) for asbestos structures greater than 10 microns in length. Analytical Sensitivity is calculated based on one structure in area analyzed.

CA Labs is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for selected test methods for airborne asbestos fiber analysis (TEM), asbestos fiber analysis (PLM), and by the EPA for analysis of asbestos in drinking water. This test report relates only to the items tested. Neither NVLAP nor EPA accreditation implies endorsement by any US Government agency. This report may not be reproduced except in full, without written permission by CA Labs.

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Analysis performed at Crisp Analytical Labs, L.L.C. 2081 Hutton Dr. Suite 309 Carrollton, TX 75006; phone (972) 488-1414, fax (972) 488-8006, after-hours mobile (972) 977-1958 or (214) 564-8366.

CHAIN OF CUSTODY RECORD

Date/Time Stamp:

Laboratory No.

F022900-68

Collected by: Manny Moreno

Collection Date: Feb. 29, 2000

Collection Time: 12:50

Delivered by/date: Manny Moreno 2-29-2000

Received by/date: [Signature] 022900

Delivered by/date: _____

Received by/date: _____

Tamper Seal:

PRESENT

ABSENT

Compromised: _____

CLIENT INFORMATION

Requested by: John Balliew

Samp. Location: Community College

(e.g. Residence, Plant Name, Co. Name)

Address: 919 Hunter

Project Code: DS

(Refer to list below)

Sampling Point: Drinking Fountain by Gym

(e.g. Manhole, FE, Kitchen Tap)

Report Format:	Turn-Around-Time Requested:	Sample Description:
☐ Standard Report	☐ 21-day TAT	☐ Grab
☐ FAX Report to:	☐ 14-day TAT	☐ Composite/Flow Proportional
☐ Other:	☐ Other:	☐ Composite/Time Weighted
Number of aliquotes: _____		

Analysis Requested	No. of Containers	Type of Containers	Preserved by/Date
ASBESTOS	1	250mL HDPE	

Analysis/Result	Date/Time Collection	Date/Time Analysis	Initials

PROJECT CODES

CL = Laboratory Services

CS = Collection System

DS = Distribution System

FH = Fred Hervey WRP

HS = Haskell R. Street WWTP

IP = Industrial Pretreatment

JR = Jonathan Rogers WTP

LF = Landfill

NW = Northwest Quarry WWTP

RB = Roberto R. Bustamante WWTP

UR = Umbenhauer/Robertson WTP

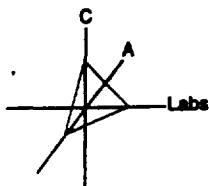
WC = Water Complaint

WR = Water Reuse/Biosolids

WS = Well Sample

O = Other

REMARKS:



Crisp Analytical Laboratories, L.L.C.

2081 Hutton Dr. Suite 309 • Carrollton, TX 75006 • (972) 488-1414 • Fax (972) 488-8006

CA Labs L.L.C.

11800 Industriplex, Suite 5 • Baton Rouge, LA 70809 • (225) 751-5632 • Fax (225) 751-5634

Transmission Electron Microscopy Report

Analysis Method: Asbestos in Drinking Water by EPA 100.1 / 100.2

Sample Prep Method: Samples are filtered on 0.1µm Polycarbonate Filters, Carbon Coated, and Dissolved with Chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

Client Information:

Continental Analytical

1804 Glendale Rd

Salina, KS 67401

phone # 785-827-1273

fax # 785-823-7830

Attn: Elizabeth DeMoultrie

Report Date:

9 March 2000

CA Labs project no.

Client project name
and number:

CAL0003560

Yearly Asbestos
DS022900

Water System ID:

Samples received:

3-1-00 10:00am

Turn-around time:

21 days

PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 µm: chrysotile	Asbestos Structures Detected >10 µm: amphibole	Analytical Sensitivity: S/L x 10 ⁶	Concentration of Structures >10µm: S/L x 10 ⁶
----------	----------------------------------	---------------------------------------	-----------------------------	---	--	---	---	---

F022900-64	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-65	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-66	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-67	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
---	Lab Blank	1,064	50	0.1133	0	0	0.1878	< 0.1878

Grid Opening Area: 0.0103mm ²	Particulate Loading: light	Asbestiform Identification: none
Sample Check-in Time: 3-1-00 10:00am	Sample Filter Time: 11:00am 3-1-00	Fibers <10µm present (Y/N): no

Leslie Crisp
Analyst

NVLAP #200349-0
TDH #30-0235
EPA #TX01402

page 2 of 4

Approved Signatories:

Leslie Crisp,
General Manager

David Bertolacci,
Laboratory Director

Notes:

The current EPA guideline for compliance is 7.0 million structures per liter (S/L x 10⁶) for asbestos structures greater than 10 microns in length. Analytical Sensitivity is calculated based on one structure in area analyzed.

CA Labs is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for selected test methods for airborne asbestos fiber analysis (TEM), asbestos fiber analysis (PLM), and by the EPA for analysis of asbestos in drinking water. This test report relates only to the items tested. Neither NVLAP nor EPA accreditation implies endorsement by any US Government agency. This report may not be reproduced except in full, without written permission by CA Labs.

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Analysis performed at Crisp Analytical Labs, L.L.C. 2081 Hutton Dr. Suite 309 Carrollton, TX 75006; phone (972) 488-1414, fax (972) 488-8006, after-hours mobile (972) 977-1958 or (214) 564-8366.

CHAIN OF CUSTODY RECORD

Date/Time Stamp:

Laboratory No.

F022900-67

Collected by: **Manny Moreno**

Collection Date: **Feb. 29, 2000**

Collection Time: **1129**

Delivered by/date: **Manny Moreno L 2-29-2000**

Received by/date: **[Signature] 022900**

Delivered by/date: _____

Received by/date: _____

Tamper Seal: **PRESENT**

ABSENT

Compromised: _____

CLIENT INFORMATION

Requested by: **John Balliew**

Samp. Location: **San Jose & Kentucky**

(e.g. Residence, Plant Name, Co. Name)

Address: _____

Project Code: **DS**

(Refer to list below)

Sampling Point: **Hydrant # 2208**

(e.g. Manhole, FE, Kitchen Tap)

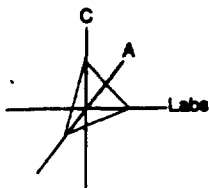
Report Format:		Turn Around Time Requested:		Sample Description:	
☐ Standard Report	☐ 21-day TAT	☐ Grab			
☐ FAX Report to:	☐ 14-day TAT	☐ Composite/Flow Proportional			
☐ Other:	☐ Other:	☐ Composite/Time Weighted			
		Number of aliquotes: _____			

Analysis Requested	No. of Containers	Type of Container	Preservation By/Date
ASBESTOS	1	250mL HDPE	

FIELD ANALYSES			
Analysis/Result	Date/Time Collection	Date/Time Analysis	Initials

PROJECT CODES		
CL = Laboratory Services	IP = Industrial Pretreatment	UR = Umbenhauer/Robertson WTP
CS = Collection System	JR = Jonathan Rogers WTP	WC = Water Complaint
DS = Distribution System	LF = Landfill	WR = Water Reuse/Biosolids
FH = Fred Hervey WRP	NW = Northwest Quarry WWTP	WS = Well Sample
HS = Haskell R. Street WWTP	RB = Roberto R. Bustamante WWTP	O = Other

REMARKS:



Crisp Analytical Laboratories, L.L.C.

2081 Hutton Dr. Suite 309 • Carrollton, TX 75006 • (972) 488-1414 • Fax (972) 488-8006

CA Labs L.L.C.

11800 Industriplex, Suite 5 • Baton Rouge, LA 70809 • (225) 751-5632 • Fax (225) 751-5634

Transmission Electron Microscopy Report

Analysis Method: Asbestos in Drinking Water by EPA 100.1 / 100.2

Sample Prep Method: Samples are filtered on 0.1 µm Polycarbonate Filters, Carbon Coated, and Dissolved with Chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

Client Information:

Continental Analytical

1804 Glendale Rd

Salina, KS 67401

phone # 785-827-1273

fax # 785-823-7830

Attn: Elizabeth DeMoultre

Report Date:

9 March 2000

CA Labs project no.

CAL0003560

Client project name

Yearly Asbestos

and number:

DS022900

Water System ID:

Samples received:

3-1-00 10:00am

Turn-around time:

21 days

PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 µm: chrysotile	Asbestos Structures Detected >10 µm: amphibole	Analytical Sensitivity: S/L x 10 ⁶	Concentration of Structures >10µm: S/L x 10 ⁶
----------	----------------------------------	---------------------------------------	-----------------------------	---	--	---	---	---

F022900-68	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-69	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-70	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-71	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
---	Lab Blank	1,064	50	0.1133	0	0	0.1878	< 0.1878

Grid Opening Area: 0.0103mm ²	Particulate Loading: light	Asbestiform Identification: none
Sample Check-in Time: 3-1-00 10:00am	Sample Filter Time: 11:00am 3-1-00	Fibers <10µm present (Y/N): no

ewb

Leslie Crisp
Analyst

NVLAP #200349-0
TDH #30-0235
EPA #TX01402

page 3 of 4

Approved Signatories:

Leslie Crisp,
General Manager

David Bertolacci,
Laboratory Director

Notes:

The current EPA guideline for compliance is 7.0 million structures per liter (S/L x 10⁶) for asbestos structures greater than 10 microns in length. Analytical Sensitivity is calculated based on one structure in area analyzed.

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Analysis performed at Crisp Analytical Labs, L.L.C. 2081 Hutton Dr. Suite 309 Carrollton, TX 75006; phone (972) 488-1414, fax (972) 488-8006, after-hours mobile (972) 977-1958 or (214) 564-8366.

CHAIN OF CUSTODY RECORD

Date/Time Stamp:

Laboratory No.

F022900-69

Collected by: **Manny Moreno**

Collection Date: **Feb. 29, 2000**

Collection Time: **1300**

Delivered by/date: **Manny Moreno 2-29-2000**

Received by/date: **E. [Signature] 02-29-00**

Delivered by/date: _____

Received by/date: _____

Tamper Seal:

PRESENT	☒
ABSENT	☐

Compromised: _____

CLIENT INFORMATION

Requested by: **John Balliew**

Samp. Location: _____ (e.g. Residence, Plant Name, Co. Name)

Address: **919 Hunter**

Project Code: **DS** (Refer to list below)

Sampling Point: **Hydrant #4506** (e.g. Manhole, FE, Kitchen Tap)

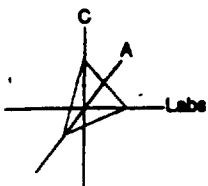
Report Format:		Turn-Around-Time Requested:		Sample Description:	
☒ Standard Report	☒ 21-day TAT	☒ Grab			
☐ FAX Report to:	☐ 14-day TAT	☐ Composite/Flow Proportional			
☐ Other:	☐ Other:	☐ Composite/Time Weighted			
Number of aliquotes: _____					

Analysis Requested	No. of Containers	Type of Containers	Preparation/By Whom
ASBESTOS	1	250mL HDPE	

FIELD ANALYSES			
Analysis/Result	Date/Time Collection	Date/Time Analysis	Initials

PROJECT CODES		
CL = Laboratory Services	IP = Industrial Pretreatment	UR = Umbenhauer/Robertson WTP
CS = Collection System	JR = Jonathan Rogers WTP	WC = Water Complaint
DS = Distribution System	LF = Landfill	WR = Water Reuse/Biosolids
FH = Fred Hervey WRP	NW = Northwest Quarry WWTP	WS = Well Sample
HS = Haskell R. Street WWTP	RB = Roberto R. Bustamante WWTP	O = Other

REMARKS:



Crisp Analytical Laboratories, L.L.C.

2081 Hutton Dr. Suite 309 • Carrollton, TX 75006 • (972) 488-1414 • Fax (972) 488-8006

CA Labs L.L.C.

11800 Industriplex, Suite 5 • Baton Rouge, LA 70809 • (225) 751-5632 • Fax (225) 751-5634

Transmission Electron Microscopy Report

Analysis Method: Asbestos in Drinking Water by EPA 100.1 / 100.2

Sample Prep Method: Samples are filtered on 0.1µm Polycarbonate Filters, Carbon Coated, and Dissolved with Chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

Client Information:

Continental Analytical

1804 Glendale Rd

Salina, KS 67401

phone # 785-827-1273

fax # 785-823-7830

Attn: Elizabeth DeMoultre

Report Date:

9 March 2000

CA Labs project no.

CAL0003560

Client project name

Yearly Asbestos

and number:

DS022900

Water System ID:

Samples received:

3-1-00 10:00am

Turn-around time:

21 days

PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 µm: chrysotile	Asbestos Structures Detected >10 µm: amphibole	Analytical Sensitivity: S/L x 10 ⁶	Concentration of Structures >10µm: S/L x 10 ⁶
----------	----------------------------------	---------------------------------------	-----------------------------	---	--	---	---	---

F022900-68	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-69	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-70	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-71	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
---	Lab Blank	1,064	50	0.1133	0	0	0.1878	< 0.1878

Grid Opening Area: 0.0103mm ²	Particulate Loading: light	Asbestiform Identification: none
Sample Check-in Time: 3-1-00 10:00am	Sample Filter Time: 11:00am 3-1-00	Fibers <10µm present (Y/N): no

ewb

Leslie Crisp
Analyst

NVLAP #200349-0

TDH #30-0235

EPA #TX01402

page 3 of 4

Approved Signatories:

Leslie Crisp,
General Manager

David Bertolacci,
Laboratory Director

Notes:

The current EPA guideline for compliance is 7.0 million structures per liter (S/L x 10⁶) for asbestos structures greater than 10 microns in length. Analytical Sensitivity is calculated based on one structure in area analyzed.

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Analysis performed at Crisp Analytical Labs, L.L.C. 2081 Hutton Dr. Suite 309 Carrollton, TX 75006; phone (972) 488-1414, fax (972) 488-8006, after-hours mobile (972) 977-1958 or (214) 564-8366.

CHAIN OF CUSTODY RECORD

Date/Time Stamp:

Laboratory No.

F022900-70

Collected by: Manny Moreno

Collection Date: Feb. 29, 2000

Collection Time: 1410

Delivered by/date: [Signature] 2-29-2000

Received by/date: [Signature] 022900

Delivered by/date: _____

Received by/date: _____

Tamper Seal:

PRESENT	☒
ABSENT	☐

Compromised: _____

CLIENT INFORMATION

Requested by: John Balliew

Samp. Location: Residential Home

(e.g. Residence, Plant Name, Co. Name)

Address: 10701 Sugarland

Project Code: DS

(Refer to list below)

Sampling Point: Outside Faucet

(e.g. Manhole, FE, Kitchen Tap)

Report Format:		Turn-Around-Time Requested:		Sample Description:	
☐ Standard Report	☐ 21-day TAT	☐ Grab			
☐ FAX Report to:	☐ 14-day TAT	☐ Composite/Flow Proportional			
☐ Other:	☐ Other:	☐ Composite/Time Weighted			
		Number of aliquotes: _____			

Analysis Requested	No. of Containers	Type of Container	Analysis/Result By/Date
ASBESTOS	1	250mL HDPE	

FIELD ANALYSES			
Analysis/Result	Date/Time Collection	Date/Time Analysis	Initials

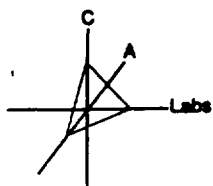
PROJECT CODES

CL = Laboratory Services
CS = Collection System
DS = Distribution System
FH = Fred Hervey WRP
HS = Haskell R. Street WWTP

IP = Industrial Pretreatment
JR = Jonathan Rogers WTP
LF = Landfill
NW = Northwest Quarry WWTP
RB = Roberto R. Bustamante WWTP

UR = Umbenhauer/Robertson WTP
WC = Water Complaint
WR = Water Reuse/Biosolids
WS = Well Sample
O = Other

REMARKS:



Crisp Analytical Laboratories, L.L.C.

2081 Hutton Dr. Suite 309 • Carrollton, TX 75006 • (972) 488-1414 • Fax (972) 488-8006

CA Labs L.L.C.

11800 Industriplex, Suite 5 • Baton Rouge, LA 70809 • (225) 751-5632 • Fax (225) 751-5634

Transmission Electron Microscopy Report

Analysis Method: Asbestos in Drinking Water by EPA 100.1 / 100.2

Sample Prep Method: Samples are filtered on 0.1 μ m Polycarbonate Filters, Carbon Coated, and Dissolved with Chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

Client Information:

Continental Analytical

1804 Glendale Rd

Salina, KS 67401

phone # 785-827-1273

fax # 785-823-7830

Attn: Elizabeth DeMoultrie

Report Date:

9 March 2000

CA Labs project no.

CAL0003560

Client project name

Yearly Asbestos

and number:

DS022900

Water System ID:

Samples received:

3-1-00 10:00am

Turn-around time:

21 days

PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 μ m: chrysotile	Asbestos Structures Detected >10 μ m: amphibole	Analytical Sensitivity: S/L x 10 ⁴	Concentration of Structures >10 μ m: S/L x 10 ⁴
----------	----------------------------------	---------------------------------------	-----------------------------	---	---	--	---	---

F022900-68	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-69	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-70	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
F022900-71	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
---	Lab Blank	1,064	50	0.1133	0	0	0.1878	< 0.1878

Grid Opening Area: 0.0103mm ²	Particulate Loading: light	Asbestiform Identification: none
Sample Check-in Time: 3-1-00 10:00am	Sample Filter Time: 11:00am 3-1-00	Fibers <10 μm present (Y/N): no

elb

Leslie Crisp
Analyst

NVLAP #200349-0
TDH #30-0235
EPA #TX01402

page 3 of 4

Approved Signatories:

Leslie Crisp,
General Manager

David Bertolacci,
Laboratory Director

Notes:

The current EPA guideline for compliance is 7.0 million structures per liter (S/L x 10⁶) for asbestos structures greater than 10 microns in length. Analytical Sensitivity is calculated based on one structure in area analyzed.

CA Labs is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for selected test methods for airborne asbestos fiber analysis (TEM), asbestos fiber analysis (PLM), and by the EPA for analysis of asbestos in drinking water. This test report relates only to the items tested. Neither NVLAP nor EPA accreditation implies endorsement by any US Government agency. This report may not be reproduced except in full, without written permission by CA Labs.

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Analysis performed at Crisp Analytical Labs, L.L.C. 2081 Hutton Dr. Suite 309 Carrollton, TX 75006; phone (972) 488-1414, fax (972) 488-8006, after-hours mobile (972) 977-1958 or (214) 564-8366.

CHAIN OF CUSTODY RECORD

Date/Time Stamp:

Laboratory No.

F022900-71

Collected by: Manny Moreno

Collection Date: Feb. 29, 2000

Collection Time: 1420

Delivered by/date: Manny Moreno 2-29-2000

Received by/date: [Signature] 022900

Delivered by/date: _____

Received by/date: _____

Tamper Seal: **PRESENT**

ABSENT

Compromised: _____

CLIENT INFORMATION

Requested by: John Balliew

Samp. Location: Round Rock & Sugarland

(e.g. Residence, Plant Name, Co. Name)

Address: _____

Project Code: DS

(Refer to list below)

Sampling Point: Hydrant #4633

(e.g. Manhole, FE, Kitchen Tap)

Report Format:

☐ Standard Report

☐ FAX Report to:

☐ Other:

Turn-Around-Time Requested:

☐ 21-day TAT

☐ 14-day TAT

☐ Other:

Sample Description:

☐ Grab

☐ Composite/Flow Proportional

☐ Composite/Time Weighted

Number of aliquotes: _____

Analysis Requested

No. of Containers

Type of Containers

Preservation By/Date

ASBESTOS

1

250mL HDPE

FIELD ANALYSES

Analysis/Result

Date/Time Collection

Date/Time Analysis

Initials

PROJECT CODES

CL = Laboratory Services

CS = Collection System

DS = Distribution System

FH = Fred Hervey WRP

HS = Haskell R. Street WWTP

IP = Industrial Pretreatment

JR = Jonathan Rogers WTP

LF = Landfill

NW = Northwest Quarry WWTP

RB = Roberto R. Bustamante WWTP

UR = Umbenhauer/Robertson WTP

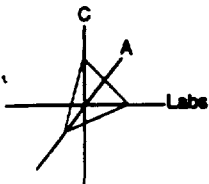
WC = Water Complaint

WR = Water Reuse/Biosolids

WS = Well Sample

O = Other

REMARKS:



Crisp Analytical Laboratories, L.L.C.

2081 Hutton Dr. Suite 309 • Carrollton, TX 75006 • (972) 488-1414 • Fax (972) 488-8006

CA Labs L.L.C.

11800 Industriplex, Suite 5 • Baton Rouge, LA 70809 • (225) 751-5632 • Fax (225) 751-5634

Transmission Electron Microscopy Report

Analysis Method: Asbestos in Drinking Water by EPA 100.1 / 100.2

Sample Prep Method: Samples are filtered on 0.1µm Polycarbonate Filters, Carbon Coated, and Dissolved with Chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

Client Information:
Continental Analytical
1804 Glendale Rd
Salina, KS 67401
phone # 785-827-1273
fax # 785-823-7830
Attn: Elizabeth DeMoultrie

Report Date:

9 March 2000

CA Labs project no. CAL0003560
Client project name Yearly Asbestos
and number: DS022900

Water System ID:

Samples received: 3-1-00 10:00am
Turn-around time: 21 days
PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 µm: chrysotile	Asbestos Structures Detected >10 µm: amphibole	Analytical Sensitivity: S/L x 10 ⁶	Concentration of Structures >10µm: S/L x 10 ⁶
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F022900-72	None Given	1,064	50	0.1133	0	0	0.1878	< 0.1878
---	Lab Blank	1,064	50	0.1133	0	0	0.1878	< 0.1878

Grid Opening Area: 0.0103mm ²	Particulate Loading: light	Asbestiform Identification: none
Sample Check-in Time: 3-1-00 10:00am	Sample Filter Time: 11:00am 3-1-00	Fibers <10µm present (Y/N): no

Leslie Crisp
Analyst

NVLAP #200349-0
TDH #30-0235
EPA #TX01402

page 4 of 4

Approved Signatories:

Leslie Crisp,
General Manager

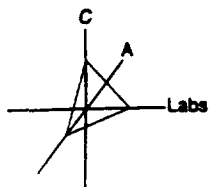
David Bertolacci,
Laboratory Director

Notes:
The current EPA guideline for compliance is 7.0 million structures per liter (S/L x 10⁶) for asbestos structures greater than 10 microns in length. Analytical Sensitivity is calculated based on one structure in area analyzed.

CA Labs is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for selected test methods for airborne asbestos fiber analysis (TEM), asbestos fiber analysis (PLM), and by the EPA for analysis of asbestos in drinking water. This test report relates only to the items tested. Neither NVLAP nor EPA accreditation implies endorsement by any US Government agency. This report may not be reproduced except in full, without written permission by CA Labs.

These results are submitted pursuant to CA Labs' current terms and condition of sale, including the company's standard warranty and limitation of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, CA Labs will store the samples for a period of thirty (30) days before discarding. A shipping and handling fee will be assessed for the return of any samples.

Analysis performed at Crisp Analytical Labs, L.L.C. 2081 Hutton Dr. Suite 309 Carrollton, TX 75006; phone (972) 488-1414, fax (972) 488-8006, after-hours mobile (972) 977-1958 or (214) 564-8366.



Crisp Analytical Laboratories, LLC.

2081 Hutton Dr. Suite 309
Carrollton, TX 75006

(972) 488-1414
(972) 488-8006 fax
(972) 977-1958 mobile

Transmission Electron Microscopy Report

Analysis Method: Asbestos in Drinking Water by EPA 100.1 / 100.2

Sample Prep Method: Samples are filtered on 0.1µm Polycarbonate Filters, Carbon Coated, and Dissolved with Chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

Client Information:
Continental Analytical Services
1804 Glendale Road
Salina, KS 67401
phone # 785-827-1273
fax # 785-823-7830
Attn: Greg Groene

Report Date:

22 March 1999

Water System ID:

None Given

CA Labs project no.

Client project name

and number:

CAL9903289

D5030299 DS Asbestos

Samples received:

3/3/99 10:30 A.M.

Turn-around time:

5 Day

PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 µm: chrysotile	Asbestos Structures Detected >10 µm: amphibole	Analytical Sensitivity: S/L x 10 ⁶	Concentration of Structures >10µm: S/L x 10 ⁶
F030299-60		47	50	0.1090	0	0	0.1952	< 0.1952
F030299-61		47	50	0.1090	1	0	0.1952	0.1952
F030299-62		47	50	0.1090	0	0	0.1952	< 0.1952
F030299-63		47	50	0.1090	0	0	0.1952	< 0.1952
F030299-64		47	50	0.1090	0	0	0.1952	< 0.1952
F030299-65		47	50	0.1090	0	0	0.1952	< 0.1952
F030299-66		47	50	0.1090	0	0	0.1952	< 0.1952

Leslie Crisp
Analyst

NVLAP #200349-0
TDH #30-0235
EPA #TX01402

page 1 of 3

Approved Signatories:

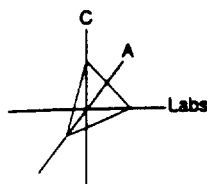
Leslie Crisp,
General Manager
David Bertolacci,
Laboratory Director

Notes

The current EPA guideline for compliance is 7.0 million structures per liter (S/L x 10⁶) for asbestos structures greater than 10 microns in length. Analytical Sensitivity is calculated based on one structure in area analyzed.

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Crisp Analytical Laboratories, LLC.

2081 Hutton Dr. Suite 309
Carrollton, TX 75006

(972) 488-1414
(972) 488-8006 fax
(972) 977-1958 mobile

Transmission Electron Microscopy Report

Analysis Method: Asbestos in Drinking Water by EPA 100.1 / 100.2

Sample Prep Method: Samples are filtered on 0.1µm Polycarbonate Filters, Carbon Coated, and Dissolved with Chloroform in both jaffe wick and condensate washer (coldfinger). All preps must be verified by another analyst.

Client Information:
Continental Analytical Services
1804 Glendale Road
Salina, KS 67401
phone # 785-827-1273
fax # 785-823-7830
Attn: Greg Groene

Report Date:

22 March 1999

CA Labs project no.

Client project name
and number:

CAL9903289

D5030299 DS Asbestos

Water System ID:

None Given

Samples received:

3/3/99 10:30 A.M.

Turn-around time:

5 Day

PO number:

Sample #	Location - provided by client	Filter Area: (mm ²)	Volume Filtered: (ml)	Area Analyzed: (mm ²)	Asbestos Structures Detected >10 µm: chrysotile	Asbestos Structures Detected >10 µm: amphibole	Analytical Sensitivity: S/L x 10 ⁶	Concentration of Structures >10µm: S/L x 10 ⁶
F030299-67		47	50	0.1090	0	0	0.1952	< 0.1952
F030299-68		47	50	0.1090	0	0	0.1952	< 0.1952
F030299-69		47	50	0.1090	0	0	0.1952	< 0.1952
F030299-70		47	50	0.1090	0	0	0.1952	< 0.1952
F030299-71		47	50	0.1090	0	0	0.1952	< 0.1952
F030299-72		47	50	0.1090	0	0	0.1952	< 0.1952

ell
Leslie Crisp
Analyst

NVLAP #200349-0
TDH #30-0235
EPA #TX01402

page 2 of 3

Approved Signatories:

Leslie Crisp,
General Manager

David Bertolacci
David Bertolacci,
Laboratory Director

Notes

The current EPA guideline for compliance is 7.0 million structures per liter (S/L x 10⁶) for asbestos structures greater than 10 microns in length. Analytical Sensitivity is calculated based on one structure in area analyzed.

CA Labs is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for selected test methods for airborne asbestos fiber analysis (TEM), asbestos fiber analysis (PLM1), and by the EPA for analysis of asbestos in drinking water. This test report relates only to the items tested. Neither NVLAP nor EPA accreditation implies endorsement by any US Government agency. This report may not be reproduced except in full, without written permission by CA Labs.

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CHAIN OF CUSTODY RECORD

LABORATORY No. **F030299 - 60**

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Mapny Moreno 030299
 Delivered by/date: Mapny Moreno 3-2-99
 Received by/date: Edgar 030299 1/235
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: 1
 Type of containers: 250ml HDPE
 Preservative used: 4 C

Requested by: Cindy Edgar
 Samp. Location: Franklin Canal Inlet
 Address: 800 CANAL
 Project: DS
 Sampling Point: Canal Influent
 Collection Date: March 2, 1999
 Collection Time: 1030

Report Format:		Turn-Around-Time Requested:		Sample Description:	
☒ Standard Report		☒ 21-day TAT		☒ Grab	
☐ FAX Report to: _____		☐ 14-day TAT		☐ Composite/Flow Proportional	
☐ Verbal Results		☐ 7-day TAT		☐ Composite/Time Weighted	
☐ cc:Mail Results to:		☐ 2-day TAT			
☐ Other:		☐ Same day TAT			
Matrix Type:					
☐ Reagent Water		☐ Surface Water		☐ Soil	
☒ Drinking Water		☐ Wastewater		☐ Hazardous Waste	
☐ Ground Water		☐ Sludge		☐ Other:	

ANALYSIS REQUESTED

WETCHEMISTRY		
☐ Alkalinity - W1	☐ Cyanide (total) - W18	☐ Potassium - W35
☐ Ammonia - W2	☐ Cyanide (week and dissociable) - W19	☐ Silica - W36
☐ Biomonitoring - W3	☐ Diluted Conductivity - W20	☐ Sodium - W37
☐ BOD - W4	☐ DOC - W21	☐ Sulfate - W38
☐ Bromate - W5	☐ Fluoride - W22	☐ Surfactants (MBAS) - W39
☐ Bromide - W6	☐ Hardness (calcium) - W23	☐ Suspended Ash - W40
☐ Calcium - W7	☐ Hardness (total) - W24	☐ Suspended Solids - W41
☐ Calcium Oxide - W8	☐ Hydrogen Sulfide - W25	☐ Temperature Rise (lime) - W42
☐ Chlorate - W9	☐ Magnesium - W26	☐ TOC - W43
☐ Chloride - W10	☐ Nitrate - W27	☐ Total Dissolved Solids - W44
☐ Chlorine Dioxide - W11	☐ Nitrate/Nitrite - W28	☐ Total Kjeldahl Nitrogen - W45
☐ Chlorine Residual - W12	☐ Nitric Acid (specific gravity) - W29	☐ Total Solids - W46
☐ Chlorite - W13	☐ Oil and Grease - W30	☐ Turbidity - W47
☐ COD - W14	☐ Ozone - W31	☐ Virgin Carbon Analysis - W48
☐ Color - W15	☐ pH - W32	☐ Volatile Acids - W49
☐ Conductivity - W16	☐ Phosphate-ortho - W33	☐ Volatile Solids - W50
☐ Cyanide (amenable) - W17	☐ Phosphorus-total - W34	☐ Other:
METALS	MICROBIOLOGY	ORGANICS
☐ 40 CFR Table III - M1	☐ Coliforms-fecal - B1	☐ Diazinon - O1
☐ 40 CFR Table IV - M2	☐ Coliforms-total - B2	☐ Extractable Survey Search - O2
☐ 40 CFR Table V - M3	☐ Coliphage - B3	☐ Methane - O3
☐ 503 Sludge Regulation - M4	☐ <u>Cryptosporidium - B4</u>	☐ PCB's - O4
☐ Hexavalent Chromium - M5	☐ Enteroviruses - B5	☐ PESTICIDES (EPA 608) - O5
☐ NPDES - M6	☐ <u>Escherichia coli - B6</u>	☐ PVOC/GRO - O6
☐ SDWA - M7	☐ <u>Giardia lamblia - B7</u>	☐ THM's - O7
☐ TCLP - M9	☐ Heterotrophic Plate Count - B8	☐ Total Petroleum Hydrocarbons - O8
☐ Other:	☐ Most Probable Number - B9	☐ VOC (EPA 601/602) - O9
MISCELLANEOUS	☐ PASCO - B10	☐ Volatile Survey Search - O10
☒ Asbestos	☐ <u>Pseudomonas spp. - B11</u>	☐ TCLP - O11
☐ Radionuclides	☐ <u>Salmonella spp. - B12</u>	☐ Other:
☐ X-Ray Diffraction	☐ Stressed Organisms - B13	GROUPS
☐ % Generator Yield	☐ <u>Vibrio cholerae - B14</u>	☐ Anion/Cation parameters - G1
☐ % Total Iron	☐ Other:	☐ BOD, COD, Color, TSS - G2
☐ Other:		☐ BOD, COD, TSS - G3
Field Analyses:		☐ Chloride, Sodium, Sulfate, TDS - G4
		☐ Color, TSS - G5
		☐ Lime Analyses - G6
		☐ Salts - G7

CHAIN OF CUSTODY RECORD

LABORATORY No.

F030299 - 61

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Moreno 030299
 Delivered by/date: Manny Moreno 3-2-99
 Received by/date: Edgar 030299 1/35
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: 1
 Type of containers: 250ml HDPE
 Preservative used: 4 C

Requested by: Cindy Edgar
 Samp. Location: Andres Pizza
 Address: 3233 North Mesa
 Project: DS
 Sampling Point: Bathroom Sink
 Collection Date: March 2, 1999
 Collection Time: 1045

Report Format:		Turn-Around-Time Requested:		Sample Description:	
☒ Standard Report		☒ 21-day TAT		☒ Grab	
☐ FAX Report to: _____		☐ 14-day TAT		☐ Composite/Flow Proportional	
☐ Verbal Results		☐ 7-day TAT		☐ Composite/Time Weighted	
☐ cc:Mail Results to:		☐ 2-day TAT			
☐ Other:		☐ Same day TAT			
Matrix Type:					
☐ Reagent Water		☐ Surface Water		☐ Soil	
☒ Drinking Water		☐ Wastewater		☐ Hazardous Waste	
☐ Ground Water		☐ Sludge		☐ Other:	

ANALYSIS REQUESTED

WETCHEMISTRY		
☐ Alkalinity - W1	☐ Cyanide (total) - W18	☐ Potassium - W35
☐ Ammonia - W2	☐ Cyanide (week and dissociable) - W19	☐ Silica - W36
☐ Biomonitoring - W3	☐ Diluted Conductivity - W20	☐ Sodium - W37
☐ BOD - W4	☐ DOC - W21	☐ Sulfate - W38
☐ Bromate - W5	☐ Fluoride - W22	☐ Surfactants (MBAS) - W39
☐ Bromide - W6	☐ Hardness (calcium) - W23	☐ Suspended Ash - W40
☐ Calcium - W7	☐ Hardness (total) - W24	☐ Suspended Solids - W41
☐ Calcium Oxide - W8	☐ Hydrogen Sulfide - W25	☐ Temperature Rise (lime) - W42
☐ Chlorate - W9	☐ Magnesium - W26	☐ TOC - W43
☐ Chloride - W10	☐ Nitrate - W27	☐ Total Dissolved Solids - W44
☐ Chlorine Dioxide - W11	☐ Nitrate/Nitrite - W28	☐ Total Kjeldahl Nitrogen - W45
☐ Chlorine Residual - W12	☐ Nitric Acid (specific gravity) - W29	☐ Total Solids - W46
☐ Chlorite - W13	☐ Oil and Grease - W30	☐ Turbidity - W47
☐ COD - W14	☐ Ozone - W31	☐ Virgin Carbon Analysis - W48
☐ Color - W15	☐ pH - W32	☐ Volatile Acids - W49
☐ Conductivity - W16	☐ Phosphate-ortho - W33	☐ Volatile Solids - W50
☐ Cyanide (amenable) - W17	☐ Phosphorus-total - W34	☐ Other:
METALS		
☐ 40 CFR Table III - M1	☐ Coliforms-fecal - B1	
☐ 40 CFR Table IV - M2	☐ Coliforms-total - B2	
☐ 40 CFR Table V - M3	☐ Coliphage - B3	
☐ 503 Sludge Regulation - M4	☐ <u>Cryptosporidium - B4</u>	
☐ Hexavalent Chromium - M5	☐ Enteroviruses - B5	
☐ NPDES - M6	☐ <u>Escherichia coli - B6</u>	
☐ SDWA - M7	☐ <u>Giardia lamblia - B7</u>	
☐ TCLP - M9	☐ Heterotrophic Plate Count - B8	
☐ Other:	☐ Most Probable Number - B9	
MISCELLANEOUS		
☒ Asbestos	☐ PASCO - B10	
☐ Radionuclides	☐ <u>Pseudomonas spp. - B11</u>	
☐ X-Ray Diffraction	☐ <u>Salmonella spp. - B12</u>	
☐ % Generator Yield	☐ Stressed Organisms - B13	
☐ % Total Iron	☐ <u>Vibrio cholerae - B14</u>	
☐ Other:	☐ Other:	
Field Analyses:		
MICROBIOLOGY		
ORGANICS		
☐ Diazinon - O1		
☐ Extractable Survey Search - O2		
☐ Methane - O3		
☐ PCB's - O4		
☐ PESTICIDES (EPA 608) - O5		
☐ PVOC/GRO - O6		
☐ THM's - O7		
☐ Total Petroleum Hydrocarbons - O8		
☐ VOC (EPA 601/602) - O9		
☐ Volatile Survey Search - O10		
☐ TCLP - O11		
☐ Other:		
GROUPS		
☐ Anion/Cation parameters - G1		
☐ BOD, COD, Color, TSS - G2		
☐ BOD, COD, TSS - G3		
☐ Chloride, Sodium, Sulfate, TDS - G4		
☐ Color, TSS - G5		
☐ Lime Analyses - G6		
☐ Salts - G7		

CHAIN OF CUSTODY RECORD

LABORATORY No.

F030299 - 62

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Moreno 030299
 Delivered by/date: *Manny Moreno* 3-2-99
 Received by/date: *E. Moreno* 030299
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: 1
 Type of containers: 250ml HDPE
 Preservative used: 4 C

Requested by: Cindy Edgar
 Samp. Location: Mesa & Kern
 Address: _____
 Project: DS
 Sampling Point: Hydrant #4605
 Collection Date: March 2, 1999
 Collection Time: 1055

Report Format:		Turn-Around-Time Requested:		Sample Description:	
☒ Standard Report		☒ 21-day TAT		☒ Grab	
☐ FAX Report to: _____		☐ 14-day TAT		☐ Composite/Flow Proportional	
☐ Verbal Results		☐ 7-day TAT		☐ Composite/Time Weighted	
☐ cc:Mail Results to:		☐ 2-day TAT			
☐ Other:		☐ Same day TAT			
Matrix Type:					
☐ Reagent Water	☐ Surface Water	☐ Soil			
☒ Drinking Water	☐ Wastewater	☐ Hazardous Waste			
☐ Ground Water	☐ Sludge	☐ Other:			

ANALYSIS REQUESTED

WETCHEMISTRY		
☐ Alkalinity - W1	☐ Cyanide (total) - W18	☐ Potassium - W35
☐ Ammonia - W2	☐ Cyanide (week and dissociable) - W19	☐ Silica - W36
☐ Biomonitoring - W3	☐ Diluted Conductivity - W20	☐ Sodium - W37
☐ BOD - W4	☐ DOC - W21	☐ Sulfate - W38
☐ Bromate - W5	☐ Fluoride - W22	☐ Surfactants (MBAS) - W39
☐ Bromide - W6	☐ Hardness (calcium) - W23	☐ Suspended Ash - W40
☐ Calcium - W7	☐ Hardness (total) - W24	☐ Suspended Solids - W41
☐ Calcium Oxide - W8	☐ Hydrogen Sulfide - W25	☐ Temperature Rise (lime) - W42
☐ Chlorate - W9	☐ Magnesium - W26	☐ TOC - W43
☐ Chloride - W10	☐ Nitrate - W27	☐ Total Dissolved Solids - W44
☐ Chlorine Dioxide - W11	☐ Nitrate/Nitrite - W28	☐ Total Kjeldahl Nitrogen - W45
☐ Chlorine Residual - W12	☐ Nitric Acid (specific gravity) - W29	☐ Total Solids - W46
☐ Chlorite - W13	☐ Oil and Grease - W30	☐ Turbidity - W47
☐ COD - W14	☐ Ozone - W31	☐ Virgin Carbon Analysis - W48
☐ Color - W15	☐ pH - W32	☐ Volatile Acids - W49
☐ Conductivity - W16	☐ Phosphate-ortho - W33	☐ Volatile Solids - W50
☐ Cyanide (amenable) - W17	☐ Phosphorus-total - W34	☐ Other:
MISCELLANEOUS		
☒ Asbestos	☐ Coliforms-fecal - B1	☐ Diazinon - O1
☐ Radionuclides	☐ Coliforms-total - B2	☐ Extractable Survey Search - O2
☐ X-Ray Diffraction	☐ Coliphage - B3	☐ Methane - O3
☐ % Generator Yield	☐ <u>Cryptosporidium - B4</u>	☐ PCB's - O4
☐ % Total Iron	☐ Enteroviruses - B5	☐ PESTICIDES (EPA 608) - O5
☐ Other:	☐ <u>Escherichia coli - B6</u>	☐ PVOC/GRO - O6
	☐ <u>Giardia lamblia - B7</u>	☐ THM's - O7
	☐ Heterotrophic Plate Count - B8	☐ Total Petroleum Hydrocarbons - O8
	☐ Most Probable Number - B9	☐ VOC (EPA 601/602) - O9
	☐ PASCO - B10	☐ Volatile Survey Search - O10
	☐ <u>Pseudomonas spp. - B11</u>	☐ TCLP - O11
	☐ <u>Salmonella spp. - B12</u>	☐ Other:
	☐ Stressed Organisms - B13	
	☐ <u>Vibrio cholerae - B14</u>	GROUPS
	☐ Other:	☐ Anion/Cation parameters - G1
Field Analyses:		☐ BOD, COD, Color, TSS - G2
		☐ BOD, COD, TSS - G3
		☐ Chloride, Sodium, Sulfate, TDS - G4
		☐ Color, TSS - G5
		☐ Lime Analyses - G6
		☐ Salts - G7

CHAIN OF CUSTODY RECORD

LABORATORY No. **F030299 - 63**

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Moreno 030299
 Delivered by/date: Manny Moreno 3-2-99
 Received by/date: Elaine 030299
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: 1
 Type of containers: 250ml HDPE
 Preservative used: 4 C

Requested by: Cindy Edgar
 Samp. Location: Residential Home
 Address: 2601 Missouri
 Project: DS
 Sampling Point: Outside Faucet
 Collection Date: March 2, 1999
 Collection Time: 1125

Report Format:		Turn-Around-Time Requested:		Sample Description:	
☒ Standard Report		☒ 21-day TAT		☒ Grab	
☐ FAX Report to: _____		☐ 14-day TAT		☐ Composite/Flow Proportional	
☐ Verbal Results		☐ 7-day TAT		☐ Composite/Time Weighted	
☐ cc:Mail Results to:		☐ 2-day TAT			
☐ Other:		☐ Same day TAT			
Matrix Type:					
☐ Reagent Water		☐ Surface Water		☐ Soil	
☒ Drinking Water		☐ Wastewater		☐ Hazardous Waste	
☐ Ground Water		☐ Sludge		☐ Other:	

ANALYSIS REQUESTED

WETCHEMISTRY		
☐ Alkalinity - W1	☐ Cyanide (total) - W18	☐ Potassium - W35
☐ Ammonia - W2	☐ Cyanide (week and dissociable) - W19	☐ Silica - W36
☐ Biomonitoring - W3	☐ Diluted Conductivity - W20	☐ Sodium - W37
☐ BOD - W4	☐ DOC - W21	☐ Sulfate - W38
☐ Bromate - W5	☐ Fluoride - W22	☐ Surfactants (MBAS) - W39
☐ Bromide - W6	☐ Hardness (calcium) - W23	☐ Suspended Ash - W40
☐ Calcium - W7	☐ Hardness (total) - W24	☐ Suspended Solids - W41
☐ Calcium Oxide - W8	☐ Hydrogen Sulfide - W25	☐ Temperature Rise (lime) - W42
☐ Chlorate - W9	☐ Magnesium - W26	☐ TOC - W43
☐ Chloride - W10	☐ Nitrate - W27	☐ Total Dissolved Solids - W44
☐ Chlorine Dioxide - W11	☐ Nitrate/Nitrite - W28	☐ Total Kjeldahl Nitrogen - W45
☐ Chlorine Residual - W12	☐ Nitric Acid (specific gravity) - W29	☐ Total Solids - W46
☐ Chlorite - W13	☐ Oil and Grease - W30	☐ Turbidity - W47
☐ COD - W14	☐ Ozone - W31	☐ Virgin Carbon Analysis - W48
☐ Color - W15	☐ pH - W32	☐ Volatile Acids - W49
☐ Conductivity - W16	☐ Phosphate-ortho - W33	☐ Volatile Solids - W50
☐ Cyanide (amenable) - W17	☐ Phosphorus-total - W34	☐ Other:
METALS		
☐ 40 CFR Table III - M1	☐ Coliforms-fecal - B1	
☐ 40 CFR Table IV - M2	☐ Coliforms-total - B2	
☐ 40 CFR Table V - M3	☐ Coliphage - B3	
☐ 503 Sludge Regulation - M4	☐ <u>Cryptosporidium - B4</u>	
☐ Hexavalent Chromium - M5	☐ Enteroviruses - B5	
☐ NPDES - M6	☐ <u>Escherichia coli - B6</u>	
☐ SDWA - M7	☐ <u>Giardia lamblia - B7</u>	
☐ TCLP - M9	☐ Heterotrophic Plate Count - B8	
☐ Other:	☐ Most Probable Number - B9	
MISCELLANEOUS		
☒ Asbestos	☐ PASCO - B10	
☐ Radionuclides	☐ <u>Pseudomonas spp. - B11</u>	
☐ X-Ray Diffraction	☐ <u>Salmonella spp. - B12</u>	
☐ % Generator Yield	☐ Stressed Organisms - B13	
☐ % Total Iron	☐ <u>Vibrio cholerae - B14</u>	
☐ Other:	☐ Other:	
Field Analyses:		
MICROBIOLOGY		
ORGANICS		
☐ Diazinon - O1		
☐ Extractable Survey Search - O2		
☐ Methane - O3		
☐ PCB's - O4		
☐ PESTICIDES (EPA 608) - O5		
☐ PVOC/GRO - O6		
☐ THM's - O7		
☐ Total Petroleum Hydrocarbons - O8		
☐ VOC (EPA 601/602) - O9		
☐ Volatile Survey Search - O10		
☐ TCLP - O11		
☐ Other:		
GROUPS		
☐ Anion/Cation parameters - G1		
☐ BOD, COD, Color, TSS - G2		
☐ BOD, COD, TSS - G3		
☐ Chloride, Sodium, Sulfate, TDS - G4		
☐ Color, TSS - G5		
☐ Lime Analyses - G6		
☐ Salts - G7		

CHAIN OF CUSTODY RECORD

LABORATORY No.

F030299 -64

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Nancy Monahan in 3-2-99
 Delivered by/date: Nancy Monahan 3-2-99
 Received by/date: E. J. [unclear] 0302-99
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: 1
 Type of containers: 250ml HDPE
 Preservative used: 4 C

Requested by: Cindy Edgar
 Samp. Location: RESIDENTIAL HOME
 Address: 21001 MISSOURI
 Project: DS
 Sampling Point: OUTSIDE FAUCET
 Collection Date: March 2, 1999
 Collection Time: 1125

Report Format:		Turn-Around-Time Requested:		Sample Description:	
☒ Standard Report		☒ 21-day TAT		☒ Grab	
☐ FAX Report to: _____		☐ 14-day TAT		☐ Composite/Flow Proportional	
☐ Verbal Results		☐ 7-day TAT		☐ Composite/Time Weighted	
☐ cc:Mail Results to:		☐ 2-day TAT			
☐ Other:		☐ Same day TAT			
Matrix Type:					
☐ Reagent Water	☐ Surface Water	☐ Soil			
☐ Drinking Water	☐ Wastewater	☐ Hazardous Waste			
☐ Ground Water	☐ Sludge	☐ Other:			

ANALYSIS REQUESTED

WETCHEMISTRY		
☐ Alkalinity - W1	☐ Cyanide (total) - W18	☐ Potassium - W35
☐ Ammonia - W2	☐ Cyanide (week and dissociable) - W19	☐ Silica - W36
☐ Biomonitoring - W3	☐ Diluted Conductivity - W20	☐ Sodium - W37
☐ BOD - W4	☐ DOC - W21	☐ Sulfate - W38
☐ Bromate - W5	☐ Fluoride - W22	☐ Surfactants (MBAS) - W39
☐ Bromide - W6	☐ Hardness (calcium) - W23	☐ Suspended Ash - W40
☐ Calcium - W7	☐ Hardness (total) - W24	☐ Suspended Solids - W41
☐ Calcium Oxide - W8	☐ Hydrogen Sulfide - W25	☐ Temperature Rise (lime) - W42
☐ Chlorate - W9	☐ Magnesium - W26	☐ TOC - W43
☐ Chloride - W10	☐ Nitrate - W27	☐ Total Dissolved Solids - W44
☐ Chlorine Dioxide - W11	☐ Nitrate/Nitrite - W28	☐ Total Kjeldahl Nitrogen - W45
☐ Chlorine Residual - W12	☐ Nitric Acid (specific gravity) - W29	☐ Total Solids - W46
☐ Chlorite - W13	☐ Oil and Grease - W30	☐ Turbidity - W47
☐ COD - W14	☐ Ozone - W31	☐ Virgin Carbon Analysis - W48
☐ Color - W15	☐ pH - W32	☐ Volatile Acids - W49
☐ Conductivity - W16	☐ Phosphate-ortho - W33	☐ Volatile Solids - W50
☐ Cyanide (amenable) - W17	☐ Phosphorus-total - W34	☐ Other:
METALS	MICROBIOLOGY	ORGANICS
☐ 40 CFR Table III - M1	☐ Coliforms-fecal - B1	☐ Diazinon - O1
☐ 40 CFR Table IV - M2	☐ Coliforms-total - B2	☐ Extractable Survey Search - O2
☐ 40 CFR Table V - M3	☐ Coliphage - B3	☐ Methane - O3
☐ 503 Sludge Regulation - M4	☐ <u>Cryptosporidium - B4</u>	☐ PCB's - O4
☐ Hexavalent Chromium - M5	☐ Enteroviruses - B5	☐ PESTICIDES (EPA 608) - O5
☐ NPDES - M6	☐ <u>Escherichia coli - B6</u>	☐ PVOC/GRO - O6
☐ SDWA - M7	☐ <u>Giardia lamblia - B7</u>	☐ THM's - O7
☐ TCLP - M9	☐ Heterotrophic Plate Count - B8	☐ Total Petroleum Hydrocarbons - O8
☐ Other:	☐ Most Probable Number - B9	☐ VOC (EPA 601/602) - O9
MISCELLANEOUS	☐ PASCO - B10	☐ Volatile Survey Search - O10
☒ Asbestos	☐ <u>Pseudomonas spp. - B11</u>	☐ TCLP - O11
☐ Radionuclides	☐ <u>Salmonella spp. - B12</u>	☐ Other:
☐ X-Ray Diffraction	☐ Stressed Organisms - B13	GROUPS
☐ % Generator Yield	☐ <u>Vibrio cholerae - B14</u>	☐ Anion/Cation parameters - G1
☐ % Total Iron	☐ Other:	☐ BOD, COD, Color, TSS - G2
☐ Other:		☐ BOD, COD, TSS - G3
Field Analyses:		☐ Chloride, Sodium, Sulfate, TDS - G4
		☐ Color, TSS - G5
		☐ Lime Analyses - G6
		☐ Salts - G7

CHAIN OF CUSTODY RECORD

LABORATORY No.

F030299 - 65

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Moreno 030299
 Delivered by/date: Manny Moreno 3-2-99
 Received by/date: E. J. [Signature] 030299
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: 1
 Type of containers: 250ml HDPE
 Preservative used: 4 C

Requested by: Cindy Edgar
 Samp. Location: Rosewood & Missouri
 Address: _____
 Project: DS
 Sampling Point: Hydrant #1610
 Collection Date: March 2, 1999
 Collection Time: 1140

Report Format:		Turn-Around-Time Requested:		Sample Description:	
☒ Standard Report		☒ 21-day TAT		☒ Grab	
☐ FAX Report to: _____		☐ 14-day TAT		☐ Composite/Flow Proportional	
☐ Verbal Results		☐ 7-day TAT		☐ Composite/Time Weighted	
☐ cc:Mail Results to: _____		☐ 2-day TAT			
☐ Other: _____		☐ Same day TAT			
Matrix Type:					
☐ Reagent Water		☐ Surface Water		☐ Soil	
☒ Drinking Water		☐ Wastewater		☐ Hazardous Waste	
☐ Ground Water		☐ Sludge		☐ Other: _____	

ANALYSIS REQUESTED

WETCHEMISTRY			
☐ Alkalinity - W1	☐ Cyanide (total) - W18	☐ Potassium - W35	
☐ Ammonia - W2	☐ Cyanide (week and dissociable) - W19	☐ Silica - W36	
☐ Biomonitoring - W3	☐ Diluted Conductivity - W20	☐ Sodium - W37	
☐ BOD - W4	☐ DOC - W21	☐ Sulfate - W38	
☐ Bromate - W5	☐ Fluoride - W22	☐ Surfactants (MBAS) - W39	
☐ Bromide - W6	☐ Hardness (calcium) - W23	☐ Suspended Ash - W40	
☐ Calcium - W7	☐ Hardness (total) - W24	☐ Suspended Solids - W41	
☐ Calcium Oxide - W8	☐ Hydrogen Sulfide - W25	☐ Temperature Rise (lime) - W42	
☐ Chlorate - W9	☐ Magnesium - W26	☐ TOC - W43	
☐ Chloride - W10	☐ Nitrate - W27	☐ Total Dissolved Solids - W44	
☐ Chlorine Dioxide - W11	☐ Nitrate/Nitrite - W28	☐ Total Kjeldahl Nitrogen - W45	
☐ Chlorine Residual - W12	☐ Nitric Acid (specific gravity) - W29	☐ Total Solids - W46	
☐ Chlorite - W13	☐ Oil and Grease - W30	☐ Turbidity - W47	
☐ COD - W14	☐ Ozone - W31	☐ Virgin Carbon Analysis - W48	
☐ Color - W15	☐ pH - W32	☐ Volatile Acids - W49	
☐ Conductivity - W16	☐ Phosphate-ortho - W33	☐ Volatile Solids - W50	
☐ Cyanide (amenable) - W17	☐ Phosphorus-total - W34	☐ Other: _____	
METALS			
☐ 40 CFR Table III - M1	☐ Coliforms-fecal - B1	☐ Diazinon - O1	
☐ 40 CFR Table IV - M2	☐ Coliforms-total - B2	☐ Extractable Survey Search - O2	
☐ 40 CFR Table V - M3	☐ Coliphage - B3	☐ Methane - O3	
☐ 503 Sludge Regulation - M4	☐ <u>Cryptosporidium - B4</u>	☐ PCB's - O4	
☐ Hexavalent Chromium - M5	☐ Enteroviruses - B5	☐ PESTICIDES (EPA 608) - O5	
☐ NPDES - M6	☐ <u>Escherichia coli - B6</u>	☐ PVOC/GRO - O6	
☐ SDWA - M7	☐ <u>Giardia lamblia - B7</u>	☐ THM's - O7	
☐ TCLP - M9	☐ Heterotrophic Plate Count - B8	☐ Total Petroleum Hydrocarbons - O8	
☐ Other: _____	☐ Most Probable Number - B9	☐ VOC (EPA 601/602) - O9	
MISCELLANEOUS			
☒ Asbestos	☐ PASCO - B10	☐ Volatile Survey Search - O10	
☐ Radionuclides	☐ <u>Pseudomonas spp. - B11</u>	☐ TCLP - O11	
☐ X-Ray Diffraction	☐ <u>Salmonella spp. - B12</u>	☐ Other: _____	
☐ % Generator Yield	☐ Stressed Organisms - B13	GROUPS	
☐ % Total Iron	☐ <u>Vibrio cholerae - B14</u>	☐ Anion/Cation parameters - G1	
☐ Other: _____	☐ Other: _____	☐ BOD, COD, Color, TSS - G2	
Field Analyses:		☐ BOD, COD, TSS - G3	
		☐ Chloride, Sodium, Sulfate, TDS - G4	
		☐ Color, TSS - G5	
		☐ Lime Analyses - G6	
		☐ Salts - G7	

CHAIN OF CUSTODY RECORD

LABORATORY No.

F030299 - 66

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Elizabeth DeMoultrie 030299
 Delivered by/date: *Elizabeth DeMoultrie 030299*
 Received by/date: *Elizabeth DeMoultrie 030299*
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: 1
 Type of containers: 250ml HDPE
 Preservative used: 4 C

Requested by: Cindy Edgar
 Samp. Location: FHWRP
 Address: 11700 Railroad
 Project: DS
 Sampling Point: Lab DI Tap
 Collection Date: March 2, 1999
 Collection Time: 0800

Report Format:		Turn-Around-Time Requested:		Sample Description:	
☒ Standard Report		☒ 21-day TAT		☒ Grab	
☐ FAX Report to: _____		☐ 14-day TAT		☐ Composite/Flow Proportional	
☐ Verbal Results		☐ 7-day TAT		☐ Composite/Time Weighted	
☐ cc:Mail Results to:		☐ 2-day TAT			
☐ Other:		☐ Same day TAT			
Matrix Type:					
☐ Reagent Water		☐ Surface Water		☐ Soil	
☐ Drinking Water		☐ Wastewater		☐ Hazardous Waste	
☐ Ground Water		☐ Sludge		☐ Other:	

ANALYSIS REQUESTED

WETCHEMISTRY		
☐ Alkalinity - W1	☐ Cyanide (total) - W18	☐ Potassium - W35
☐ Ammonia - W2	☐ Cyanide (week and dissociable) - W19	☐ Silica - W36
☐ Biomonitoring - W3	☐ Diluted Conductivity - W20	☐ Sodium - W37
☐ BOD - W4	☐ DOC - W21	☐ Sulfate - W38
☐ Bromate - W5	☐ Fluoride - W22	☐ Surfactants (MBAS) - W39
☐ Bromide - W6	☐ Hardness (calcium) - W23	☐ Suspended Ash - W40
☐ Calcium - W7	☐ Hardness (total) - W24	☐ Suspended Solids - W41
☐ Calcium Oxide - W8	☐ Hydrogen Sulfide - W25	☐ Temperature Rise (lime) - W42
☐ Chlorate - W9	☐ Magnesium - W26	☐ TOC - W43
☐ Chloride - W10	☐ Nitrate - W27	☐ Total Dissolved Solids - W44
☐ Chlorine Dioxide - W11	☐ Nitrate/Nitrite - W28	☐ Total Kjeldahl Nitrogen - W45
☐ Chlorine Residual - W12	☐ Nitric Acid (specific gravity) - W29	☐ Total Solids - W46
☐ Chlorite - W13	☐ Oil and Grease - W30	☐ Turbidity - W47
☐ COD - W14	☐ Ozone - W31	☐ Virgin Carbon Analysis - W48
☐ Color - W15	☐ pH - W32	☐ Volatile Acids - W49
☐ Conductivity - W16	☐ Phosphate-ortho - W33	☐ Volatile Solids - W50
☐ Cyanide (amenable) - W17	☐ Phosphorus-total - W34	☐ Other:
METALS		
☐ 40 CFR Table III - M1	☐ Coliforms-fecal - B1	
☐ 40 CFR Table IV - M2	☐ Coliforms-total - B2	
☐ 40 CFR Table V - M3	☐ Coliphage - B3	
☐ 503 Sludge Regulation - M4	☐ <u>Cryptosporidium - B4</u>	
☐ Hexavalent Chromium - M5	☐ Enteroviruses - B5	
☐ NPDES - M6	☐ <u>Escherichia coli - B6</u>	
☐ SDWA - M7	☐ <u>Giardia lamblia - B7</u>	
☐ TCLP - M9	☐ Heterotrophic Plate Count - B8	
☐ Other:	☐ Most Probable Number - B9	
MISCELLANEOUS		
☒ Asbestos	☐ PASCO - B10	
☐ Radionuclides	☐ <u>Pseudomonas spp. - B11</u>	
☐ X-Ray Diffraction	☐ <u>Salmonella spp. - B12</u>	
☐ % Generator Yield	☐ Stressed Organisms - B13	
☐ % Total Iron	☐ <u>Vibrio cholerae - B14</u>	
☐ Other:	☐ Other:	
Field Analyses:		
MICROBIOLOGY		
ORGANICS		
☐ Diazinon - O1		
☐ Extractable Survey Search - O2		
☐ Methane - O3		
☐ PCB's - O4		
☐ PESTICIDES (EPA 608) - O5		
☐ PVOC/GRO - O6		
☐ THM's - O7		
☐ Total Petroleum Hydrocarbons - O8		
☐ VOC (EPA 601/602) - O9		
☐ Volatile Survey Search - O10		
☐ TCLP - O11		
☐ Other:		
GROUPS		
☐ Anion/Cation parameters - G1		
☐ BOD, COD, Color, TSS - G2		
☐ BOD, COD, TSS - G3		
☐ Chloride, Sodium, Sulfate, TDS - G4		
☐ Color, TSS - G5		
☐ Lime Analyses - G6		
☐ Salts - G7		

CHAIN OF CUSTODY RECORD

LABORATORY No. **F030299 - 67**

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Moreno 030299
 Delivered by/date: Manny Moreno 3-2-99
 Received by/date: El Estero 030299
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: 1
 Type of containers: 250ml HDPE
 Preservative used: 4 C

Requested by: Cindy Edgar
 Samp. Location: Residential Home
 Address: 1290 Kentucky
 Project: DS
 Sampling Point: OUTSIDE BRACKET
 Collection Date: March 2, 1999
 Collection Time: 1155

Report Format:		Turn-Around-Time Requested:		Sample Description:	
☒ Standard Report		☒ 21-day TAT		☒ Grab	
☐ FAX Report to: _____		☐ 14-day TAT		☐ Composite/Flow Proportional	
☐ Verbal Results		☐ 7-day TAT		☐ Composite/Time Weighted	
☐ cc:Mail Results to: _____		☐ 2-day TAT			
☐ Other: _____		☐ Same day TAT			
Matrix Type:					
☐ Reagent Water	☐ Surface Water	☐ Soil			
☒ Drinking Water	☐ Wastewater	☐ Hazardous Waste			
☐ Ground Water	☐ Sludge	☐ Other: _____			

ANALYSIS REQUESTED

WETCHEMISTRY		
☐ Alkalinity - W1	☐ Cyanide (total) - W18	☐ Potassium - W35
☐ Ammonia - W2	☐ Cyanide (week and dissociable) - W19	☐ Silica - W36
☐ Biomonitoring - W3	☐ Diluted Conductivity - W20	☐ Sodium - W37
☐ BOD - W4	☐ DOC - W21	☐ Sulfate - W38
☐ Bromate - W5	☐ Fluoride - W22	☐ Surfactants (MBAS) - W39
☐ Bromide - W6	☐ Hardness (calcium) - W23	☐ Suspended Ash - W40
☐ Calcium - W7	☐ Hardness (total) - W24	☐ Suspended Solids - W41
☐ Calcium Oxide - W8	☐ Hydrogen Sulfide - W25	☐ Temperature Rise (lime) - W42
☐ Chlorate - W9	☐ Magnesium - W26	☐ TOC - W43
☐ Chloride - W10	☐ Nitrate - W27	☐ Total Dissolved Solids - W44
☐ Chlorine Dioxide - W11	☐ Nitrate/Nitrite - W28	☐ Total Kjeldahl Nitrogen - W45
☐ Chlorine Residual - W12	☐ Nitric Acid (specific gravity) - W29	☐ Total Solids - W46
☐ Chlorite - W13	☐ Oil and Grease - W30	☐ Turbidity - W47
☐ COD - W14	☐ Ozone - W31	☐ Virgin Carbon Analysis - W48
☐ Color - W15	☐ pH - W32	☐ Volatile Acids - W49
☐ Conductivity - W16	☐ Phosphate-ortho - W33	☐ Volatile Solids - W50
☐ Cyanide (amenable) - W17	☐ Phosphorus-total - W34	☐ Other: _____
METALS		
☐ 40 CFR Table III - M1	☐ Coliforms-fecal - B1	☐ Diazinon - O1
☐ 40 CFR Table IV - M2	☐ Coliforms-total - B2	☐ Extractable Survey Search - O2
☐ 40 CFR Table V - M3	☐ Coliphage - B3	☐ Methane - O3
☐ 503 Sludge Regulation - M4	☐ <u>Cryptosporidium - B4</u>	☐ PCB's - O4
☐ Hexavalent Chromium - M5	☐ Enteroviruses - B5	☐ PESTICIDES (EPA 608) - O5
☐ NPDES - M6	☐ <u>Escherichia coli - B6</u>	☐ PVOC/GRO - O6
☐ SDWA - M7	☐ <u>Giardia lamblia - B7</u>	☐ THM's - O7
☐ TCLP - M9	☐ Heterotrophic Plate Count - B8	☐ Total Petroleum Hydrocarbons - O8
☐ Other: _____	☐ Most Probable Number - B9	☐ VOC (EPA 601/602) - O9
MISCELLANEOUS		
☒ Asbestos	☐ PASCO - B10	☐ Volatile Survey Search - O10
☐ Radionuclides	☐ <u>Pseudomonas spp. - B11</u>	☐ TCLP - O11
☐ X-Ray Diffraction	☐ <u>Salmonella spp. - B12</u>	☐ Other: _____
☐ % Generator Yield	☐ Stressed Organisms - B13	☐ GROUPS
☐ % Total Iron	☐ <u>Vibrio cholerae - B14</u>	☐ Anion/Cation parameters - G1
☐ Other: _____	☐ Other: _____	☐ BOD, COD, Color, TSS - G2
Field Analyses:		
☐ BOD, COD, TSS - G3		
☐ Chloride, Sodium, Sulfate, TDS - G4		
☐ Color, TSS - G5		
☐ Lime Analyses - G6		
☐ Salts - G7		

CHAIN OF CUSTODY RECORD

LABORATORY No.

F030299 - 68

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Moreno 030299
 Delivered by/date: Manny Moreno 3-2-99
 Received by/date: E. J. [Signature] 030299
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: 1
 Type of containers: 250ml HDPE
 Preservative used: 4 C

Requested by: Cindy Edgar
 Samp. Location: San Jose & Kentucky
 Address: _____
 Project: DS
 Sampling Point: Hydrant #2208
 Collection Date: March 2, 1999
 Collection Time: 1205

Report Format:		Turn-Around-Time Requested:		Sample Description:	
☒ Standard Report		☒ 21-day TAT		☒ Grab	
☐ FAX Report to: _____		☐ 14-day TAT		☐ Composite/Flow Proportional	
☐ Verbal Results		☐ 7-day TAT		☐ Composite/Time Weighted	
☐ cc:Mail Results to:		☐ 2-day TAT			
☐ Other:		☐ Same day TAT			
Matrix Type:					
☐ Reagent Water		☐ Surface Water		☐ Soil	
☒ Drinking Water		☐ Wastewater		☐ Hazardous Waste	
☐ Ground Water		☐ Sludge		☐ Other:	

ANALYSIS REQUESTED

WETCHEMISTRY		
☐ Alkalinity - W1	☐ Cyanide (total) - W18	☐ Potassium - W35
☐ Ammonia - W2	☐ Cyanide (week and dissociable) - W19	☐ Silica - W36
☐ Biomonitoring - W3	☐ Diluted Conductivity - W20	☐ Sodium - W37
☐ BOD - W4	☐ DOC - W21	☐ Sulfate - W38
☐ Bromate - W5	☐ Fluoride - W22	☐ Surfactants (MBAS) - W39
☐ Bromide - W6	☐ Hardness (calcium) - W23	☐ Suspended Ash - W40
☐ Calcium - W7	☐ Hardness (total) - W24	☐ Suspended Solids - W41
☐ Calcium Oxide - W8	☐ Hydrogen Sulfide - W25	☐ Temperature Rise (lime) - W42
☐ Chlorate - W9	☐ Magnesium - W26	☐ TOC - W43
☐ Chloride - W10	☐ Nitrate - W27	☐ Total Dissolved Solids - W44
☐ Chlorine Dioxide - W11	☐ Nitrate/Nitrite - W28	☐ Total Kjeldahl Nitrogen - W45
☐ Chlorine Residual - W12	☐ Nitric Acid (specific gravity) - W29	☐ Total Solids - W46
☐ Chlorite - W13	☐ Oil and Grease - W30	☐ Turbidity - W47
☐ COD - W14	☐ Ozone - W31	☐ Virgin Carbon Analysis - W48
☐ Color - W15	☐ pH - W32	☐ Volatile Acids - W49
☐ Conductivity - W16	☐ Phosphate-ortho - W33	☐ Volatile Solids - W50
☐ Cyanide (amenable) - W17	☐ Phosphorus-total - W34	☐ Other:
METALS		
☐ 40 CFR Table III - M1	☐ Coliforms-fecal - B1	
☐ 40 CFR Table IV - M2	☐ Coliforms-total - B2	
☐ 40 CFR Table V - M3	☐ Coliphage - B3	
☐ 503 Sludge Regulation - M4	☐ <u>Cryptosporidium - B4</u>	
☐ Hexavalent Chromium - M5	☐ Enteroviruses - B5	
☐ NPDES - M6	☐ <u>Escherichia coli - B6</u>	
☐ SDWA - M7	☐ <u>Giardia lamblia - B7</u>	
☐ TCLP - M9	☐ Heterotrophic Plate Count - B8	
☐ Other:	☐ Most Probable Number - B9	
MISCELLANEOUS		
☒ Asbestos	☐ PASCO - B10	
☐ Radionuclides	☐ <u>Pseudomonas spp. - B11</u>	
☐ X-Ray Diffraction	☐ <u>Salmonella spp. - B12</u>	
☐ % Generator Yield	☐ Stressed Organisms - B13	
☐ % Total Iron	☐ <u>Vibrio cholerae - B14</u>	
☐ Other:	☐ Other:	
Field Analyses:		
MICROBIOLOGY		
ORGANICS		
☐ Diazinon - O1		
☐ Extractable Survey Search - O2		
☐ Methane - O3		
☐ PCB's - O4		
☐ PESTICIDES (EPA 608) - O5		
☐ PVOC/GRO - O6		
☐ THM's - O7		
☐ Total Petroleum Hydrocarbons - O8		
☐ VOC (EPA 601/602) - O9		
☐ Volatile Survey Search - O10		
☐ TCLP - O11		
☐ Other:		
GROUPS		
☐ Anion/Cation parameters - G1		
☐ BOD, COD, Color, TSS - G2		
☐ BOD, COD, TSS - G3		
☐ Chloride, Sodium, Sulfate, TDS - G4		
☐ Color, TSS - G5		
☐ Lime Analyses - G6		
☐ Salts - G7		

CHAIN OF CUSTODY RECORD

LABORATORY No.

F030299 - 69

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Moreno 030299
 Delivered by/date: 3-2-99
 Received by/date: EC 030299
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: 1
 Type of containers: 250ml HDPE
 Preservative used: 4 C

Requested by: Cindy Edgar
 Samp. Location: Community College
 Address: 919 Hunter
 Project: DS
 Sampling Point: Drinking Fountain by Gym
 Collection Date: March 2, 1999
 Collection Time: 1235

Report Format: ☒ Standard Report ☐ FAX Report to: _____ ☐ Verbal Results ☐ cc:Mail Results to: ☐ Other:	Turn-Around-Time Requested: ☒ 21-day TAT ☐ 14-day TAT ☐ 7-day TAT ☐ 2-day TAT ☐ Same day TAT	Sample Description: ☒ Grab ☐ Composite/Flow Proportional ☐ Composite/Time Weighted
Matrix Type: ☐ Reagent Water ☒ Drinking Water ☐ Ground Water ☐ Surface Water ☐ Wastewater ☐ Sludge ☐ Soil ☐ Hazardous Waste ☐ Other:		

ANALYSIS REQUESTED

WETCHEMISTRY ☐ Alkalinity - W1 ☐ Ammonia - W2 ☐ Biomonitoring - W3 ☐ BOD - W4 ☐ Bromate - W5 ☐ Bromide - W6 ☐ Calcium - W7 ☐ Calcium Oxide - W8 ☐ Chlorate - W9 ☐ Chloride - W10 ☐ Chlorine Dioxide - W11 ☐ Chlorine Residual - W12 ☐ Chlorite - W13 ☐ COD - W14 ☐ Color - W15 ☐ Conductivity - W16 ☐ Cyanide (amenable) - W17 ☐ Cyanide (total) - W18 ☐ Cyanide (week and dissociable) - W19 ☐ Diluted Conductivity - W20 ☐ DOC - W21 ☐ Fluoride - W22 ☐ Hardness (calcium) - W23 ☐ Hardness (total) - W24 ☐ Hydrogen Sulfide - W25 ☐ Magnesium - W26 ☐ Nitrate - W27 ☐ Nitrate/Nitrite - W28 ☐ Nitric Acid (specific gravity) - W29 ☐ Oil and Grease - W30 ☐ Ozone - W31 ☐ pH - W32 ☐ Phosphate-ortho - W33 ☐ Phosphorus-total - W34 ☐ Potassium - W35 ☐ Silica - W36 ☐ Sodium - W37 ☐ Sulfate - W38 ☐ Surfactants (MBAS) - W39 ☐ Suspended Ash - W40 ☐ Suspended Solids - W41 ☐ Temperature Rise (lime) - W42 ☐ TOC - W43 ☐ Total Dissolved Solids - W44 ☐ Total Kjeldahl Nitrogen - W45 ☐ Total Solids - W46 ☐ Turbidity - W47 ☐ Virgin Carbon Analysis - W48 ☐ Volatile Acids - W49 ☐ Volatile Solids - W50 ☐ Other:		
METALS ☐ 40 CFR Table III - M1 ☐ 40 CFR Table IV - M2 ☐ 40 CFR Table V - M3 ☐ 503 Sludge Regulation - M4 ☐ Hexavalent Chromium - M5 ☐ NPDES - M6 ☐ SDWA - M7 ☐ TCLP - M9 ☐ Other:	MICROBIOLOGY ☐ Coliforms-fecal - B1 ☐ Coliforms-total - B2 ☐ Coliphage - B3 ☐ <u>Cryptosporidium - B4</u> ☐ Enteroviruses - B5 ☐ <u>Escherichia coli - B6</u> ☐ <u>Giardia lamblia - B7</u> ☐ Heterotrophic Plate Count - B8 ☐ Most Probable Number - B9 ☐ PASCO - B10 ☐ <u>Pseudomonas spp. - B11</u> ☐ <u>Salmonella spp. - B12</u> ☐ Stressed Organisms - B13 ☐ <u>Vibrio cholerae - B14</u> ☐ Other:	ORGANICS ☐ Diazinon - O1 ☐ Extractable Survey Search - O2 ☐ Methane - O3 ☐ PCB's - O4 ☐ PESTICIDES (EPA 608) - O5 ☐ PVOC/GRO - O6 ☐ THM's - O7 ☐ Total Petroleum Hydrocarbons - O8 ☐ VOC (EPA 601/602) - O9 ☐ Volatile Survey Search - O10 ☐ TCLP - O11 ☐ Other:
MISCELLANEOUS ☒ Asbestos ☐ Radionuclides ☐ X-Ray Diffraction ☐ % Generator Yield ☐ % Total Iron ☐ Other:		
Field Analyses:		
GROUPS ☐ Anion/Cation parameters - G1 ☐ BOD, COD, Color, TSS - G2 ☐ BOD, COD, TSS - G3 ☐ Chloride, Sodium, Sulfate, TDS - G4 ☐ Color, TSS - G5 ☐ Lime Analyses - G6 ☐ Salts - G7		

CHAIN OF CUSTODY RECORD

LABORATORY No. **F030299 - 70**

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Moreno 030299 Requested by: Cindy Edgar
 Delivered by/date: Manny Moreno 3-2-99 Samp. Location: _____
 Received by/date: El Salvador 030299 Address: 919 Hunter
 Delivered by/date: _____ Project: DS
 Received by/date: _____ Sampling Point: Hydrant #4506
 No. of containers: 1 Collection Date: March 2, 1999
 Type of containers: 250ml HDPE Collection Time: 1245
 Preservative used: 4 C

Report Format:		Turn-Around-Time Requested:		Sample Description:	
☒ Standard Report		☒ 21-day TAT		☒ Grab	
☐ FAX Report to: _____		☐ 14-day TAT		☐ Composite/Flow Proportional	
☐ Verbal Results		☐ 7-day TAT		☐ Composite/Time Weighted	
☐ cc:Mail Results to:		☐ 2-day TAT			
☐ Other:		☐ Same day TAT			
Matrix Type:					
☐ Reagent Water	☐ Surface Water	☐ Soil			
☒ Drinking Water	☐ Wastewater	☐ Hazardous Waste			
☐ Ground Water	☐ Sludge	☐ Other:			

ANALYSIS REQUESTED

WETCHEMISTRY			
☐ Alkalinity - W1	☐ Cyanide (total) - W18	☐ Potassium - W35	
☐ Ammonia - W2	☐ Cyanide (week and dissociable) - W19	☐ Silica - W36	
☐ Biomonitoring - W3	☐ Diluted Conductivity - W20	☐ Sodium - W37	
☐ BOD - W4	☐ DOC - W21	☐ Sulfate - W38	
☐ Bromate - W5	☐ Fluoride - W22	☐ Surfactants (MBAS) - W39	
☐ Bromide - W6	☐ Hardness (calcium) - W23	☐ Suspended Ash - W40	
☐ Calcium - W7	☐ Hardness (total) - W24	☐ Suspended Solids - W41	
☐ Calcium Oxide - W8	☐ Hydrogen Sulfide - W25	☐ Temperature Rise (lime) - W42	
☐ Chlorate - W9	☐ Magnesium - W26	☐ TOC - W43	
☐ Chloride - W10	☐ Nitrate - W27	☐ Total Dissolved Solids - W44	
☐ Chlorine Dioxide - W11	☐ Nitrate/Nitrite - W28	☐ Total Kjeldahl Nitrogen - W45	
☐ Chlorine Residual - W12	☐ Nitric Acid (specific gravity) - W29	☐ Total Solids - W46	
☐ Chlorite - W13	☐ Oil and Grease - W30	☐ Turbidity - W47	
☐ COD - W14	☐ Ozone - W31	☐ Virgin Carbon Analysis - W48	
☐ Color - W15	☐ pH - W32	☐ Volatile Acids - W49	
☐ Conductivity - W16	☐ Phosphate-ortho - W33	☐ Volatile Solids - W50	
☐ Cyanide (amenable) - W17	☐ Phosphorus-total - W34	☐ Other:	
METALS			
☐ 40 CFR Table III - M1	☐ Coliforms-fecal - B1	ORGANICS	
☐ 40 CFR Table IV - M2	☐ Coliforms-total - B2	☐ Diazinon - O1	
☐ 40 CFR Table V - M3	☐ Coliphage - B3	☐ Extractable Survey Search - O2	
☐ 503 Sludge Regulation - M4	☐ <u>Cryptosporidium - B4</u>	☐ Methane - O3	
☐ Hexavalent Chromium - M5	☐ Enteroviruses - B5	☐ PCB's - O4	
☐ NPDES - M6	☐ <u>Escherichia coli - B6</u>	☐ PESTICIDES (EPA 608) - O5	
☐ SDWA - M7	☐ <u>Giardia lamblia - B7</u>	☐ PVOC/GRO - O6	
☐ TCLP - M9	☐ Heterotrophic Plate Count - B8	☐ THM's - O7	
☐ Other:	☐ Most Probable Number - B9	☐ Total Petroleum Hydrocarbons - O8	
MISCELLANEOUS		☐ VOC (EPA 601/602) - O9	
☒ Asbestos	☐ PASCO - B10	☐ Volatile Survey Search - O10	
☐ Radionuclides	☐ <u>Pseudomonas spp. - B11</u>	☐ TCLP - O11	
☐ X-Ray Diffraction	☐ <u>Salmonella spp. - B12</u>	☐ Other:	
☐ % Generator Yield	☐ Stressed Organisms - B13	GROUPS	
☐ % Total Iron	☐ <u>Vibrio cholerae - B14</u>	☐ Anion/Cation parameters - G1	
☐ Other:	☐ Other:	☐ BOD, COD, Color, TSS - G2	
Field Analyses:		☐ BOD, COD, TSS - G3	
		☐ Chloride, Sodium, Sulfate, TDS - G4	
		☐ Color, TSS - G5	
		☐ Lime Analyses - G6	
		☐ Salts - G7	

CHAIN OF CUSTODY RECORD

LABORATORY No.

F030299 - 71

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Moreno 030299
 Delivered by/date: Manny Moreno 3-2-99
 Received by/date: E. J. [Signature] 030299
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: 1
 Type of containers: 250ml HDPE
 Preservative used: 4 C

Requested by: Cindy Edgar
 Samp. Location: Residential Home
 Address: 10701 Sugarland
 Project: DS
 Sampling Point: Outside Faucet
 Collection Date: March 2, 1999
 Collection Time: 1320

Report Format:		Turn-Around-Time Requested:		Sample Description:	
☒ Standard Report		☒ 21-day TAT		☒ Grab	
☐ FAX Report to: _____		☐ 14-day TAT		☐ Composite/Flow Proportional	
☐ Verbal Results		☐ 7-day TAT		☐ Composite/Time Weighted	
☐ cc:Mail Results to:		☐ 2-day TAT			
☐ Other:		☐ Same day TAT			
Matrix Type:					
☐ Reagent Water	☐ Surface Water	☐ Soil			
☒ Drinking Water	☐ Wastewater	☐ Hazardous Waste			
☐ Ground Water	☐ Sludge	☐ Other:			

ANALYSIS REQUESTED

WETCHEMISTRY					
☐ Alkalinity - W1	☐ Cyanide (total) - W18	☐ Potassium - W35			
☐ Ammonia - W2	☐ Cyanide (week and dissociable) - W19	☐ Silica - W36			
☐ Biomonitoring - W3	☐ Diluted Conductivity - W20	☐ Sodium - W37			
☐ BOD - W4	☐ DOC - W21	☐ Sulfate - W38			
☐ Bromate - W5	☐ Fluoride - W22	☐ Surfactants (MBAS) - W39			
☐ Bromide - W6	☐ Hardness (calcium) - W23	☐ Suspended Ash - W40			
☐ Calcium - W7	☐ Hardness (total) - W24	☐ Suspended Solids - W41			
☐ Calcium Oxide - W8	☐ Hydrogen Sulfide - W25	☐ Temperature Rise (lime) - W42			
☐ Chlorate - W9	☐ Magnesium - W26	☐ TOC - W43			
☐ Chloride - W10	☐ Nitrate - W27	☐ Total Dissolved Solids - W44			
☐ Chlorine Dioxide - W11	☐ Nitrate/Nitrite - W28	☐ Total Kjeldahl Nitrogen - W45			
☐ Chlorine Residual - W12	☐ Nitric Acid (specific gravity) - W29	☐ Total Solids - W46			
☐ Chlorite - W13	☐ Oil and Grease - W30	☐ Turbidity - W47			
☐ COD - W14	☐ Ozone - W31	☐ Virgin Carbon Analysis - W48			
☐ Color - W15	☐ pH - W32	☐ Volatile Acids - W49			
☐ Conductivity - W16	☐ Phosphate-ortho - W33	☐ Volatile Solids - W50			
☐ Cyanide (amenable) - W17	☐ Phosphorus-total - W34	☐ Other:			
METALS		MICROBIOLOGY	ORGANICS		
☐ 40 CFR Table III - M1	☐ Coliforms-fecal - B1	☐ Diazinon - O1			
☐ 40 CFR Table IV - M2	☐ Coliforms-total - B2	☐ Extractable Survey Search - O2			
☐ 40 CFR Table V - M3	☐ Coliphage - B3	☐ Methane - O3			
☐ 503 Sludge Regulation - M4	☐ <u>Cryptosporidium - B4</u>	☐ PCB's - O4			
☐ Hexavalent Chromium - M5	☐ Enteroviruses - B5	☐ PESTICIDES (EPA 608) - O5			
☐ NPDES - M6	☐ <u>Escherichia coli - B6</u>	☐ PVOC/GRO - O6			
☐ SDWA - M7	☐ <u>Giardia lamblia - B7</u>	☐ THM's - O7			
☐ TCLP - M9	☐ Heterotrophic Plate Count - B8	☐ Total Petroleum Hydrocarbons - O8			
☐ Other:	☐ Most Probable Number - B9	☐ VOC (EPA 601/602) - O9			
MISCELLANEOUS		☐ Volatile Survey Search - O10			
☒ Asbestos	☐ PASCO - B10	☐ TCLP - O11			
☐ Radionuclides	☐ <u>Pseudomonas spp. - B11</u>	☐ Other:			
☐ X-Ray Diffraction	☐ <u>Salmonella spp. - B12</u>	GROUPS			
☐ % Generator Yield	☐ Stressed Organisms - B13	☐ Anion/Cation parameters - G1			
☐ % Total Iron	☐ <u>Vibrio cholerae - B14</u>	☐ BOD, COD, Color, TSS - G2			
☐ Other:	☐ Other:	☐ BOD, COD, TSS - G3			
Field Analyses:		☐ Chloride, Sodium, Sulfate, TDS - G4			
		☐ Color, TSS - G5			
		☐ Lime Analyses - G6			
		☐ Salts - G7			

CHAIN OF CUSTODY RECORD

LABORATORY No. **F030299 - 72**

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Moreno 030299
 Delivered by/date: 3-2-99
 Received by/date: 030299
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: 1
 Type of containers: 250ml HDPE
 Preservative used: 4 C

Requested by: Cindy Edgar
 Samp. Location: Round Rock & Sugarland
 Address: _____
 Project: DS
 Sampling Point: Hydrant # 4633
 Collection Date: March 2, 1999
 Collection Time: 1330

Report Format:		Turn-Around-Time Requested:	Sample Description:
☒ Standard Report		☒ 21-day TAT	☒ Grab
☐ FAX Report to: _____		☐ 14-day TAT	☐ Composite/Flow Proportional
☐ Verbal Results		☐ 7-day TAT	☐ Composite/Time Weighted
☐ cc:Mail Results to: _____		☐ 2-day TAT	
☐ Other: _____		☐ Same day TAT	
Matrix Type:			
☐ Reagent Water	☐ Surface Water	☐ Soil	
☒ Drinking Water	☐ Wastewater	☐ Hazardous Waste	
☐ Ground Water	☐ Sludge	☐ Other: _____	

ANALYSIS REQUESTED

WETCHEMISTRY		
☐ Alkalinity - W1	☐ Cyanide (total) - W18	☐ Potassium - W35
☐ Ammonia - W2	☐ Cyanide (week and dissociable) - W19	☐ Silica - W36
☐ Biomonitoring - W3	☐ Diluted Conductivity - W20	☐ Sodium - W37
☐ BOD - W4	☐ DOC - W21	☐ Sulfate - W38
☐ Bromate - W5	☐ Fluoride - W22	☐ Surfactants (MBAS) - W39
☐ Bromide - W6	☐ Hardness (calcium) - W23	☐ Suspended Ash - W40
☐ Calcium - W7	☐ Hardness (total) - W24	☐ Suspended Solids - W41
☐ Calcium Oxide - W8	☐ Hydrogen Sulfide - W25	☐ Temperature Rise (lime) - W42
☐ Chlorate - W9	☐ Magnesium - W26	☐ TOC - W43
☐ Chloride - W10	☐ Nitrate - W27	☐ Total Dissolved Solids - W44
☐ Chlorine Dioxide - W11	☐ Nitrate/Nitrite - W28	☐ Total Kjeldahl Nitrogen - W45
☐ Chlorine Residual - W12	☐ Nitric Acid (specific gravity) - W29	☐ Total Solids - W46
☐ Chlorite - W13	☐ Oil and Grease - W30	☐ Turbidity - W47
☐ COD - W14	☐ Ozone - W31	☐ Virgin Carbon Analysis - W48
☐ Color - W15	☐ pH - W32	☐ Volatile Acids - W49
☐ Conductivity - W16	☐ Phosphate-ortho - W33	☐ Volatile Solids - W50
☐ Cyanide (amenable) - W17	☐ Phosphorus-total - W34	☐ Other: _____
METALS		
☐ 40 CFR Table III - M1	☐ Coliforms-fecal - B1	☐ Diazinon - O1
☐ 40 CFR Table IV - M2	☐ Coliforms-total - B2	☐ Extractable Survey Search - O2
☐ 40 CFR Table V - M3	☐ Coliphage - B3	☐ Methane - O3
☐ 503 Sludge Regulation - M4	☐ <u>Cryptosporidium - B4</u>	☐ PCB's - O4
☐ Hexavalent Chromium - M5	☐ Enteroviruses - B5	☐ PESTICIDES (EPA 608) - O5
☐ NPDES - M6	☐ <u>Escherichia coli - B6</u>	☐ PVC/GRO - O6
☐ SDWA - M7	☐ <u>Giardia lamblia - B7</u>	☐ THM's - O7
☐ TCLP - M9	☐ Heterotrophic Plate Count - B8	☐ Total Petroleum Hydrocarbons - O8
☐ Other: _____	☐ Most Probable Number - B9	☐ VOC (EPA 601/602) - O9
MISCELLANEOUS		
☒ Asbestos	☐ PASCO - B10	☐ Volatile Survey Search - O10
☐ Radionuclides	☐ <u>Pseudomonas spp. - B11</u>	☐ TCLP - O11
☐ X-Ray Diffraction	☐ <u>Salmonella spp. - B12</u>	☐ Other: _____
☐ % Generator Yield	☐ Stressed Organisms - B13	☐ GROUPS
☐ % Total Iron	☐ <u>Vibrio cholerae - B14</u>	☐ Anion/Cation parameters - G1
☐ Other: _____	☐ Other: _____	☐ BOD, COD, Color, TSS - G2
Field Analyses:		
☐ BOD, COD, TSS - G3		
☐ Chloride, Sodium, Sulfate, TDS - G4		
☐ Color, TSS - G5		
☐ Lime Analyses - G6		
☐ Salts - G7		

March 25, 1998

EMSL

Continental Analytical Services

Attn: Bill Balderson, Project Manager
1804 Glendale Road
Salina, KS 67401

RE: TEM Asbestos Results for Samples as Shown on Table 1.
EMSL Analytical Reference # DA98800.
AHD Lic. # AZ0913. EPA H2O # TX - 00959.
Client Project # IPT Asbestos / IP030998A

Dear Sirs:

The samples, provided by Continental Analytical., were analyzed following Environmental Protection Agency method 100.1 and 100.2 for asbestos structures greater than ten microns in length.

Table 1 lists the sample identification number, filter area, sample volume, area analyzed, structures counts, analytical sensitivity, and the asbestos concentration for structures greater than ten microns in length.

The current EPA guideline for compliance is 7.0 million structures per liter (7.0 S/L 10^6) for asbestos structures greater than ten microns in length.

EMSL Analytical is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for selected test methods for airborne asbestos fiber analysis (TEM), asbestos fiber analysis (PLM), and by the U.S.E.P.A. for analysis of asbestos in drinking water. This test report relates only to the items tested. Neither NVLAP nor EPA accreditation implies endorsement by any U.S. Government agency.

These results are submitted pursuant to EMSL's current terms and condition of sale, including the company's standard warranty and limitation of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, EMSL will store the samples for a period of thirty (30) days before discarding. A shipping and handling fee will be assessed for the return of any samples.

If you have any questions, please feel free to contact David Bertolacci or myself.

Very truly yours,



Leslie Crisp
Laboratory Director

EMSL Analytical, Inc.
1801 Royal Lane, Suite 908
Dallas, TX 75229

Phone: 972-831-9725
Fax: 972-444-0884

NVLAP #200034-0
TX DOH #30-0181
EPA H₂O #TX00959

Table 1

**Asbestos Concentration for Structures > 10um in Length
TEM Water Analysis**

EMSL Reference # DA98800
WATER SYSTEM ID NO.: None Given
Continental Analytical
IPT Asbestos / IP030998A

EMSL Sample #	Client Sample #	Filter Area (sq mm)	Volume (ml)	Area Analyzed (sq mm)	Structures >10um Chr Amp	Analytical Sensitivity (S/L 10 ⁶)	Concentration* for Str. > 10um (S/L 10 ⁶)
8001	F030998-97	1064	50	0.1080	7 0	0.1970	1.379
8002	F030998-98	1064	50	0.1080	0 0	0.1970	< 0.1970
8003	F030998-99	1064	50	Void - > 20% Particulate Load			
8004	F030998-100	1064	50	0.1080	0 0	0.1970	< 0.1970
8005	F030998-101	1064	50	0.1080	3 0	0.1970	.591
8006	F030998-102	1064	50	Void - > 20% Particulate Load			
8007	F030998-103	1064	50	0.1080	0 0	0.1970	< 0.1970
8008	F030998-104	1064	50	0.1080	3 0	0.1970	.591

Sample check - in time : 3 / 10 / 98 10:00 A.M.

Sample filter time : 3 / 10 / 98 11:15 A.M.

Fibers <10 microns : Yes

* The current EPA guideline for compliance is 7.0 million structures per liter (7.0 S/L 10⁶) for asbestos structures greater than 10 microns in length.

Analytical Sensitivity is calculated concentration based on one structure in the area analyzed.

Chr - Chrysotile, Amp - Amphibole. All amphiboles were crocidolite.

Authorized Signature : 

Date: Wednesday, March 25, 1998

EMSL Analytical, Inc.
1801 Royal Lane, Suite 908
Dallas, TX 75229

Phone: 972-831-9725
Fax: 972-444-0884

NVLAP #200034-0
TX DOH #30-0181
EPA H₂O #TX00959

Table 1

**Asbestos Concentration for Structures > 10um in Length
TEM Water Analysis**

EMSL Reference # DA98800
WATER SYSTEM ID NO.: None Given
Continental Analytical
IPT Asbestos / IP030998A

EMSL Sample #	Client Sample #	Filter Area (sq mm)	Volume (ml)	Area Analyzed (sq mm)	Structures >10um Chr Amp		Analytical Sensitivity (S/L 10 ⁶)	Concentration* for Str. > 10um (S/L 10 ⁶)
8009	F030998-105	1064	50	1064	0	0	0.1970	< 0.1970
80010	F030998-106	1064	50	1064	0	0	0.1970	< 0.1970
80011	F030998-107	1064	50	1064	3	0	0.1970	.591
80012	F030998-108	1064	50	1064	0	0	0.1970	< 0.1970
80013	F030998-109	1064	50	1064	0	0	0.1970	< 0.1970

Sample check - in time : 3 / 10 / 98 10:00 A.M.

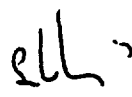
Sample filter time : 3 / 10 / 98 11:15 A.M.

Fibers <10 microns : Yes

* The current EPA guideline for compliance is 7.0 million structures per liter (7.0 S/L 10⁶) for asbestos structures greater than 10 microns in length.

Analytical Sensitivity is calculated concentration based on one structure in the area analyzed.

Chr - Chrysotile, Amp - Amphibole. All amphiboles were crocidolite.

Authorized Signature : 

Date: Wednesday, March 25, 1998

EMSL Analytical, Inc.
1801 Royal Lane, Suite 908
Dallas, TX 75229

Phone: 972-831-9725
Fax: 972-444-0884

NVLAP #200034-0
TX DOH #30-0181
EPA H₂O #TX00959

ENSL Ref # DA98800

Chain-of-Custody Record

Continental Analytical Services, Inc.
1804 Glendale • Salina, KS 67401
(785) 827-1273 • (800) 535-3076
FAX (785) 823-7830

CAS

PROJECT # IP030998A		PROJECT NAME IPT Asbestos	
SAMPLED BY (SIGNATURE): See Sample Tag		SAMPLED BY (PRINTED): See Sample Tag	
SAMPLE INFORMATION			
DATE	TIME	C-COMP G GRAB	FIELD FILTERED Y N
030998	1010	G	N
	1055		
	1115		
	1128		
	1135		
	1200		
	1220		
	1230		
	1345		
	1350		
RELINQUISHED BY (SIGNATURE): Elizabeth F. DeMoulin		RELINQUISHED BY (PRINTED): Elizabeth F. DeMoulin	
RELINQUISHED BY (SIGNATURE):		RELINQUISHED BY (PRINTED):	
RECEIVED AT LABORATORY BY (SIGNATURE/PRINTED):			
REPORT TO CAS			
Attention: Greg Groene			
Address: 1804 Glendale			
Phone #: 800-535-3076			
FAX #			
DATE: 030998 TIME: 1600		DATE: 030998 TIME: 1600	
DATE: TIME:		DATE: TIME:	
DATE: TIME:		DATE: TIME:	
SHIPPED VIA: Airbill #		Seal #: Seal Date:	
INVOICE TO			
Attention:			
Address			
Phone #			
FAX #			
Purchase Order No.:			
CAS Price Quote No.:			
FAX #			

Asbestos

REMARKS
(REQUESTED TURNAROUND,
PRESERVATIVE, ETC.)

21 Day TAT, Results
are due on
March 31, 1998

Continental Analytical Services, Inc.
1804 Glendale • Salina, KS 67401
(785) 827-1273 • (800) 535-3076
FAX (785) 823-7830

ANALYSIS REQUESTED

PROJECT #	OL	HS	RB	FH	SAMPLING POINT
1	Diagnose			ph 7.3	Manhole
2				ph 7.4	Manhole
3					1st Station # 118
4					1st Station # 125
5					1st Station # 127
6					L.S. # 123
7					L.S. # 116
8					L.S. # 117
9					L.S. # 114
10					Fire Hydrant # 4506
11					Hydrant # 0208
12					Kitchen Sink
13					Outside Faucet
14					Hydrant # 1610
15					Canal Inflow
16					Bar Room Sink
17					Hydrant # 4605
18					Outside Faucet
19					Hydrant # 4633
20					Hydrant # 4633 (Dup)
21					DI TAP (Leak)
22					Drinking Fountain
23					Final Effluent
24					Final Effluent
25					Final Effluent
26					Manhole
27					Sand Filter Effluent
28					Manhole
29					Well at 1st Station
30					Final Effluent
31					Manhole
32					Manhole
33					Manhole

DATE-LAB #	DELIVERED BY	TIME RECEIVED	RECEIVED BY	CATEGORY	SAMPLE TYPE	COLLECTION DATE	COLLECTION TIME	DATE REPORTED	ORGANIZATION / ADDRESS
88	110	110	49	SP	6105	1015	1015	1015	1015
87	110	110	49	SP	6105	1015	1015	1015	1015
86	110	110	49	SP	6105	1015	1015	1015	1015
85	110	110	49	SP	6105	1015	1015	1015	1015
84	110	110	49	SP	6105	1015	1015	1015	1015
83	110	110	49	SP	6105	1015	1015	1015	1015
82	110	110	49	SP	6105	1015	1015	1015	1015
81	110	110	49	SP	6105	1015	1015	1015	1015
80	110	110	49	SP	6105	1015	1015	1015	1015
79	110	110	49	SP	6105	1015	1015	1015	1015
78	110	110	49	SP	6105	1015	1015	1015	1015
77	110	110	49	SP	6105	1015	1015	1015	1015
76	110	110	49	SP	6105	1015	1015	1015	1015
75	110	110	49	SP	6105	1015	1015	1015	1015
74	110	110	49	SP	6105	1015	1015	1015	1015
73	110	110	49	SP	6105	1015	1015	1015	1015
72	110	110	49	SP	6105	1015	1015	1015	1015
71	110	110	49	SP	6105	1015	1015	1015	1015
70	110	110	49	SP	6105	1015	1015	1015	1015
69	110	110	49	SP	6105	1015	1015	1015	1015
68	110	110	49	SP	6105	1015	1015	1015	1015
67	110	110	49	SP	6105	1015	1015	1015	1015
66	110	110	49	SP	6105	1015	1015	1015	1015
65	110	110	49	SP	6105	1015	1015	1015	1015
64	110	110	49	SP	6105	1015	1015	1015	1015
63	110	110	49	SP	6105	1015	1015	1015	1015
62	110	110	49	SP	6105	1015	1015	1015	1015
61	110	110	49	SP	6105	1015	1015	1015	1015
60	110	110	49	SP	6105	1015	1015	1015	1015
59	110	110	49	SP	6105	1015	1015	1015	1015
58	110	110	49	SP	6105	1015	1015	1015	1015
57	110	110	49	SP	6105	1015	1015	1015	1015
56	110	110	49	SP	6105	1015	1015	1015	1015
55	110	110	49	SP	6105	1015	1015	1015	1015
54	110	110	49	SP	6105	1015	1015	1015	1015
53	110	110	49	SP	6105	1015	1015	1015	1015
52	110	110	49	SP	6105	1015	1015	1015	1015
51	110	110	49	SP	6105	1015	1015	1015	1015
50	110	110	49	SP	6105	1015	1015	1015	1015
49	110	110	49	SP	6105	1015	1015	1015	1015
48	110	110	49	SP	6105	1015	1015	1015	1015
47	110	110	49	SP	6105	1015	1015	1015	1015
46	110	110	49	SP	6105	1015	1015	1015	1015
45	110	110	49	SP	6105	1015	1015	1015	1015
44	110	110	49	SP	6105	1015	1015	1015	1015
43	110	110	49	SP	6105	1015	1015	1015	1015
42	110	110	49	SP	6105	1015	1015	1015	1015
41	110	110	49	SP	6105	1015	1015	1015	1015
40	110	110	49	SP	6105	1015	1015	1015	1015
39	110	110	49	SP	6105	1015	1015	1015	1015
38	110	110	49	SP	6105	1015	1015	1015	1015
37	110	110	49	SP	6105	1015	1015	1015	1015
36	110	110	49	SP	6105	1015	1015	1015	1015
35	110	110	49	SP	6105	1015	1015	1015	1015
34	110	110	49	SP	6105	1015	1015	1015	1015
33	110	110	49	SP	6105	1015	1015	1015	1015

33 * A-100-1000 Sample - Sent to: Oullin, ITA # 75-234

EMSL

Table 1

**Asbestos Concentration for Structures > 10um in Length
TEM Water Analysis**

EMSL Reference # DA972187
WATER SYSTEM ID NO.: none given
Continental Analytical Services
IPO72297 / IPTAF

EMSL Sample #	Client Sample #	Filter Area (sq mm)	Volume (ml)	Area Analyzed (sq mm)	Structures >10um Chr Amp		Analytical Sensitivity (S/L 10 ⁶)	Concentration* for Str. > 10um (S/L 10 ⁶)
21871	F072297-58	1064	50	0.1120	0	0	0.1900	< 0.1900
21872	F072297-59	1064	50	0.1120	0	0	0.1900	< 0.1900
21873	F072297-60	1064	50	0.1120	0	0	0.1900	< 0.1900
21874	F072297-61	1064	50	0.1120	0	0	0.1900	< 0.1900
21875	F072297-62	1064	50	0.1120	0	0	0.1900	< 0.1900
21876	F072297-63	1064	50	0.1120	0	0	0.1900	< 0.1900

Sample check - in time : 7/23/97 10:41 A.M.

Sample filter time : 7/23/97 11:35 A.M.

Fibers <10 microns : No

* The current EPA guideline for compliance is 7.0 million structures per liter (7.0 S/L 10⁶) for asbestos structures greater than 10 microns in length.

Analytical Sensitivity is calculated concentration based on one structure in the area analyzed.

Chr - Chrysotile, Amp - Amphibole. All amphiboles were crocidolite.

Authorized Signature : 

Date: Monday, August 11, 1997

EMSL Analytical, Inc.
1801 Royal Lane, Suite 908
Dallas, TX 75229

Phone: 972-831-9725
Fax: 972-444-0884

NVLAP #200034-0
TX DOH #30-0181
EPA H₂O #TX00959

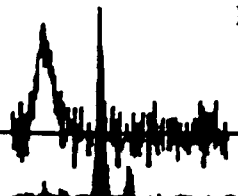


Table 1

**Asbestos Concentration for Structures > 10um in Length
TEM Water Analysis**

EMSL Reference # DA972187
WATER SYSTEM ID NO.: none given
Continental Analytical Services
IPO72297 / IPTAF

EMSL Sample #	Client Sample #	Filter Area (sq mm)	Volume (ml)	Area Analyzed (sq mm)	Structures >10um Chr Amp	Analytical Sensitivity (S/L 10 ⁶)	Concentration* for Str. > 10um (S/L 10 ⁶)
21877	F072297-64	1064	50	0.1120	0 0	0.1900	<0.1900
21878	F072297-65	1064	50	0.1120	0 0	0.1900	<0.1900
21879	F072297-66	1064	50	0.1120	0 0	0.1900	< 0.1900
21880	F072297-67	1064	50	0.1120	0 0	0.1900	< 0.1900
21881	F072297-68	1064	50	0.1120	0 0	0.1900	<0.1900
21882	F072297-69	1064	50	0.1120	0 0	0.1900	<0.1900
21883	F072297-70	1064	50	0.1120	0 0	0.1900	<0.1900

Sample check - in time : 7 / 23 / 97 10:41 A.M.

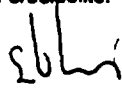
Sample filter time : 7/ 23/ 97 11:41 A.M.

Fibers <10 microns : No

* The current EPA guideline for compliance is 7.0 million structures per liter (7.0 S/L 10⁶) for asbestos structures greater than 10 microns in length.

Analytical Sensitivity is calculated concentration based on one structure in the area analyzed.

Chr - Chrysotile, Amp - Amphibole. All amphiboles were crocidolite.

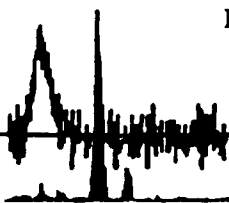
Authorized Signature : 

Date: Monday, August 11, 1997

EMSL Analytical, Inc.
1801 Royal Lane, Suite 908
Dallas, TX 75229

Phone: 972-831-9725
Fax: 972-444-0884

NVLAP #200034-0
TX DOH #30-0181
EPA H₂O #TX00959



CHAIN OF CUSTODY RECORD

LABORATORY No.

F072097-58

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: [Signature]
 Delivered by/date: [Signature]
 Received by/date: [Signature]
 Delivered by/date: [Signature]
 Received by/date: [Signature]
 No. of containers: 1
 Type of containers: 1 Q plastic
 Preservative used: acid washed &

Requested by: John Ballieu
 Samp. Location: FHWRP
 Address: 11700 Railroad Dr
 Project: EP
 Sampling Point: DI TAP
 Collection Date: 072297
 Collection Time: 1015

Report Format: ☒ Standard Report ☐ FAX Report to: _____ ☐ Verbal Results ☐ cc:Mail Results to: _____ ☐ Other: _____	Turn-Around-Time Requested: ☒ 21-day TAT ☐ 14-day TAT ☐ 7-day TAT ☐ 2-day TAT ☐ Same day TAT	Sample Description: ☒ Grab ☐ Composite/Flow Proportional ☐ Composite/Time Weighted									
Matrix Type: <table border="0"> <tr> <td>☐ Reagent Water</td> <td>☐ Surface Water</td> <td>☐ Soil</td> </tr> <tr> <td>☐ Drinking Water</td> <td>☐ Wastewater</td> <td>☐ Hazardous Waste</td> </tr> <tr> <td>☐ Ground Water</td> <td>☐ Sludge</td> <td>☐ Other: _____</td> </tr> </table>			☐ Reagent Water	☐ Surface Water	☐ Soil	☐ Drinking Water	☐ Wastewater	☐ Hazardous Waste	☐ Ground Water	☐ Sludge	☐ Other: _____
☐ Reagent Water	☐ Surface Water	☐ Soil									
☐ Drinking Water	☐ Wastewater	☐ Hazardous Waste									
☐ Ground Water	☐ Sludge	☐ Other: _____									

ANALYSIS REQUESTED

WETCHEMISTRY <table border="0"> <tr> <td>☐ Alkalinity - W1</td> <td>☐ Cyanide (total) - W18</td> <td>☐ Potassium - W35</td> </tr> <tr> <td>☐ Ammonia - W2</td> <td>☐ Cyanide (weak and dissociable) - W19</td> <td>☐ Silica - W36</td> </tr> <tr> <td>☐ Biomonitoring - W3</td> <td>☐ Diluted Conductivity - W20</td> <td>☐ Sodium - W37</td> </tr> <tr> <td>☐ BOD - W4</td> <td>☐ DOC - W21</td> <td>☐ Sulfate - W38</td> </tr> <tr> <td>☐ Bromate - W5</td> <td>☐ Fluoride - W22</td> <td>☐ Surfactants (MBAS) - W39</td> </tr> <tr> <td>☐ Bromide - W6</td> <td>☐ Hardness (calcium) - W23</td> <td>☐ Suspended Ash - W40</td> </tr> <tr> <td>☐ Calcium - W7</td> <td>☐ Hardness (total) - W24</td> <td>☐ Suspended Solids - W41</td> </tr> <tr> <td>☐ Calcium Oxide - W8</td> <td>☐ Hydrogen Sulfide - W25</td> <td>☐ Temperature Rise (lime) - W42</td> </tr> <tr> <td>☐ Chlorate - W9</td> <td>☐ Magnesium - W26</td> <td>☐ TOC - W43</td> </tr> <tr> <td>☐ Chloride - W10</td> <td>☐ Nitrate - W27</td> <td>☐ Total Dissolved-Solids - W44</td> </tr> <tr> <td>☐ Chlorine Dioxide - W11</td> <td>☐ Nitrate/Nitrite - W28</td> <td>☐ Total Kjeldahl Nitrogen - W45</td> </tr> <tr> <td>☐ Chlorine Residual - W12</td> <td>☐ Nitric Acid (specific gravity) - W29</td> <td>☐ Total Solids - W46</td> </tr> <tr> <td>☐ Chlorite - W13</td> <td>☐ Oil and Grease - W30</td> <td>☐ Turbidity - W47</td> </tr> <tr> <td>☐ COD - W14</td> <td>☐ Ozone - W31</td> <td>☐ Virgin Carbon Analysis - W48</td> </tr> <tr> <td>☐ Color - W15</td> <td>☐ pH - W32</td> <td>☐ Volatile Acids - W49</td> </tr> <tr> <td>☐ Conductivity - W16</td> <td>☐ Phosphate-ortho - W33</td> <td>☐ Volatile Solids - W50</td> </tr> <tr> <td>☐ Cyanide (amenable) - W17</td> <td>☐ Phosphorus-total - W34</td> <td>☐ Other: _____</td> </tr> </table>			☐ Alkalinity - W1	☐ Cyanide (total) - W18	☐ Potassium - W35	☐ Ammonia - W2	☐ Cyanide (weak and dissociable) - W19	☐ Silica - W36	☐ Biomonitoring - W3	☐ Diluted Conductivity - W20	☐ Sodium - W37	☐ BOD - W4	☐ DOC - W21	☐ Sulfate - W38	☐ Bromate - W5	☐ Fluoride - W22	☐ Surfactants (MBAS) - W39	☐ Bromide - W6	☐ Hardness (calcium) - W23	☐ Suspended Ash - W40	☐ Calcium - W7	☐ Hardness (total) - W24	☐ Suspended Solids - W41	☐ Calcium Oxide - W8	☐ Hydrogen Sulfide - W25	☐ Temperature Rise (lime) - W42	☐ Chlorate - W9	☐ Magnesium - W26	☐ TOC - W43	☐ Chloride - W10	☐ Nitrate - W27	☐ Total Dissolved-Solids - W44	☐ Chlorine Dioxide - W11	☐ Nitrate/Nitrite - W28	☐ Total Kjeldahl Nitrogen - W45	☐ Chlorine Residual - W12	☐ Nitric Acid (specific gravity) - W29	☐ Total Solids - W46	☐ Chlorite - W13	☐ Oil and Grease - W30	☐ Turbidity - W47	☐ COD - W14	☐ Ozone - W31	☐ Virgin Carbon Analysis - W48	☐ Color - W15	☐ pH - W32	☐ Volatile Acids - W49	☐ Conductivity - W16	☐ Phosphate-ortho - W33	☐ Volatile Solids - W50	☐ Cyanide (amenable) - W17	☐ Phosphorus-total - W34	☐ Other: _____
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METALS ☐ 40 CFR Table III - M1 ☐ 40 CFR Table IV - M2 ☐ 40 CFR Table V - M3 ☐ 503 Sludge Regulation - M4 ☐ Hexavalent Chromium - M5 ☐ NPDES - M6 ☐ SDWA - M7 ☐ TCLP - M9 ☐ Other: _____	MICROBIOLOGY ☐ Coliforms-fecal - B1 ☐ Coliforms-total - B2 ☐ Coliphage - B3 ☐ <u>Cryptosporidium - B4</u> ☐ Enteroviruses - B5 ☐ <u>Escherichia coli - B6</u> ☐ <u>Giardia lamblia - B7</u> ☐ Heterotrophic Plate Count - B8 ☐ Most Probable Number - B9 ☐ PASCO - B10 ☐ <u>Pseudomonas spp. - B11</u> ☐ <u>Salmonella spp. - B12</u> ☐ Stressed Organisms - B13 ☐ <u>Vibrio cholerae - B14</u> ☐ Other: _____	ORGANICS ☐ Diazinon - O1 ☐ Extractable Survey Search - O2 ☐ Methane - O3 ☐ PCB's - O4 ☐ PESTICIDES (EPA 608) - O5 ☐ PVOC/GRO - O6 ☐ THM's - O7 ☐ Total Petroleum Hydrocarbons - O8 ☐ VOC (EPA 601/602) - O9 ☐ Volatile Survey Search - O10 ☐ TCLP - O11 ☐ Other: _____																																																			
MISCELLANEOUS ☒ Asbestos ☐ Radionuclides ☐ X-Ray Diffraction ☐ % Generator Yield ☐ % Total Iron ☐ Other: _____	GROUPS ☐ Anion/Cation parameters - G1 ☐ BOD, COD, Color, TSS - G2 ☐ BOD, COD, TSS - G3 ☐ Chloride, Sodium, Sulfate, TDS - G4 ☐ Color, TSS - G5 ☐ Lime Analyses - G6 ☐ Salts - G7																																																				
Field Analyses:																																																					

CHAIN OF CUSTODY RECORD

LABORATORY No.

F072297-59

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Nancy McKame Jr
 Delivered by/date: 7-22-97
 Received by/date: 072297
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: 1
 Type of containers: 1000 ml plastic
 Preservative used: _____

Requested by: John Ballieu
 Samp. Location: Franklin Canal / Intert
 Address: 800 CANAL ROAD
 Project: IP
 Sampling Point: Canal / Intert
 Collection Date: 7-22-97
 Collection Time: 0705

Report Format: ☒ Standard Report ☐ FAX Report to: _____ ☐ Verbal Results ☐ cc:Mail Results to: _____ ☐ Other: _____		Turn-Around-Time Requested: ☐ 21-day TAT ☐ 14-day TAT ☐ 7-day TAT ☐ 2-day TAT ☐ Same day TAT		Sample Description: ☒ Grab ☐ Composite/Flow Proportional ☐ Composite/Time Weighted	
☐ Reagent Water ☐ Drinking Water ☐ Ground Water		Matrix Type: ☒ Surface Water ☐ Wastewater ☐ Sludge		☐ Soil ☐ Hazardous Waste ☐ Other: _____	

ANALYSIS REQUESTED

WETCHEMISTRY ☐ Alkalinity - W1 ☐ Ammonia - W2 ☐ Biomonitoring - W3 ☐ BOD - W4 ☐ Bromate - W5 ☐ Bromide - W6 ☐ Calcium - W7 ☐ Calcium Oxide - W8 ☐ Chlorate - W9 ☐ Chloride - W10 ☐ Chlorine Dioxide - W11 ☐ Chlorine Residual - W12 ☐ Chlorite - W13 ☐ COD - W14 ☐ Color - W15 ☐ Conductivity - W16 ☐ Cyanide (amenable) - W17 ☐ Cyanide (total) - W18 ☐ Cyanide (weak and dissociable) - W19 ☐ Diluted Conductivity - W20 ☐ DOC - W21 ☐ Fluoride - W22 ☐ Hardness (calcium) - W23 ☐ Hardness (total) - W24 ☐ Hydrogen Sulfide - W25 ☐ Magnesium - W26 ☐ Nitrate - W27 ☐ Nitrate/Nitrite - W28 ☐ Nitric Acid (specific gravity) - W29 ☐ Oil and Grease - W30 ☐ Ozone - W31 ☐ pH - W32 ☐ Phosphate-ortho - W33 ☐ Phosphorus-total - W34 ☐ Potassium - W35 ☐ Silica - W36 ☐ Sodium - W37 ☐ Sulfate - W38 ☐ Surfactants (MBAS) - W39 ☐ Suspended Ash - W40 ☐ Suspended Solids - W41 ☐ Temperature Rise (lime) - W42 ☐ TOC - W43 ☐ Total Dissolved Solids - W44 ☐ Total Kjeldahl Nitrogen - W45 ☐ Total Solids - W46 ☐ Turbidity - W47 ☐ Virgin Carbon Analysis - W48 ☐ Volatile Acids - W49 ☐ Volatile Solids - W50 ☐ Other: _____		
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MISCELLANEOUS ☒ Asbestos ☐ Radionuclides ☐ X-Ray Diffraction ☐ % Generator Yield ☐ % Total Iron ☐ Other: _____		
Field Analyses: _____ _____ _____		
GROUPS ☐ Anion/Cation parameters - G1 ☐ BOD, COD, Color, TSS - G2 ☐ BOD, COD, TSS - G3 ☐ Chloride, Sodium, Sulfate, TDS - G4 ☐ Color, TSS - G5 ☐ Lime Analyses - G6 ☐ Salts - G7		

CHAIN OF CUSTODY RECORD

LABORATORY No.

F072297-60

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Moreno Jr Requested by: John Ballieu
 Delivered by/date: Manny Moreno Jr 7-22-97 Samp. Location: ANDRES PIZZAZA
 Received by/date: 7-22-97 Address: 3233 N. MESA
 Delivered by/date: _____ Project: IP
 Received by/date: _____ Sampling Point: Bathroom sink
 No. of containers: _____ Collection Date: 7-22-97
 Type of containers: _____ Collection Time: 0725
 Preservative used: _____

Report Format: ☒ Standard Report ☐ FAX Report to: _____ ☐ Verbal Results ☐ cc:Mail Results to: _____ ☐ Other: _____		Turn-Around-Time Requested: ☐ 21-day TAT ☐ 14-day TAT ☐ 7-day TAT ☐ 2-day TAT ☐ Same day TAT	Sample Description: ☒ Grab ☐ Composite/Flow Proportional ☐ Composite/Time Weighted									
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ANALYSIS REQUESTED

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Field Analyses:																																																					

CHAIN OF CUSTODY RECORD

LABORATORY No.

F072297-61

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Moreno Jr
 Delivered by/date: Manny Moreno Jr 7-22-97
 Received by/date: 7-22-97 072297
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: 1
 Type of containers: 1000 ml plastic
 Preservative used: _____

Requested by: John Ballieu
 Samp. Location: MESA - KERN
 Address: 3233 N MESA
 Project: IP
 Sampling Point: HYDRANT # 4605
 Collection Date: 7-22-97
 Collection Time: 0730

Report Format: ☒ Standard Report ☐ FAX Report to: _____ ☐ Verbal Results ☐ cc:Mail Results to: _____ ☐ Other: _____		Turn-Around-Time Requested: ☐ 21-day TAT ☐ 14-day TAT ☐ 7-day TAT ☐ 2-day TAT ☐ Same day TAT		Sample Description: ☒ Grab ☐ Composite/Flow Proportional ☐ Composite/Time Weighted	
Matrix Type: ☐ Reagent Water ☒ Drinking Water ☐ Ground Water ☐ Surface Water ☐ Wastewater ☐ Sludge ☐ Soil ☐ Hazardous Waste ☐ Other: _____					

ANALYSIS REQUESTED

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Field Analyses:					

CHAIN OF CUSTODY RECORD

LABORATORY No.

F0722 97-62

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: MANNY MORRIS JR
 Delivered by/date: MANNY MORRIS 7-22-97
 Received by/date: Elizabeth 7-22-97
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: _____
 Type of containers: _____
 Preservative used: _____

Requested by: John Ballieu
 Samp. Location: RESIDENTIAL HOME
 Address: 2601 Missouri
 Project: IP
 Sampling Point: OUTSIDE FAULETT
 Collection Date: 7-22-97
 Collection Time: 0755

Report Format: ☒ Standard Report ☐ FAX Report to: _____ ☐ Verbal Results ☐ cc:Mail Results to: _____ ☐ Other: _____	Turn-Around-Time Requested: ☐ 21-day TAT ☐ 14-day TAT ☐ 7-day TAT ☐ 2-day TAT ☐ Same day TAT	Sample Description: ☒ Grab ☐ Composite/Flow Proportional ☐ Composite/Time Weighted									
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ANALYSIS REQUESTED

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Field Analyses:																																																					

CHAIN OF CUSTODY RECORD

LABORATORY No.

F0722 97 -- 63

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Moreno Jr Requested by: John Ballieu
 Delivered by/date: John Ballieu 7-22-97 Samp. Location: _____
 Received by/date: John Ballieu 072297 Address: 2601 Missouri
 Delivered by/date: _____ Project: JP
 Received by/date: _____ Sampling Point: _____
 No. of containers: _____ Collection Date: 7-22-97
 Type of containers: _____ Collection Time: 0755
 Preservative used: _____

Report Format:		Turn-Around-Time Requested:		Sample Description:	
☒ Standard Report		☐ 21-day TAT		☒ Grab	
☐ FAX Report to: _____		☐ 14-day TAT		☐ Composite/Flow Proportional	
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Matrix Type:					
☐ Reagent Water	☐ Surface Water	☐ Soil			
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ANALYSIS REQUESTED

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☐ Bromide - W6	☐ Hardness (calcium) - W23	☐ Suspended Ash - W40
☐ Calcium - W7	☐ Hardness (total) - W24	☐ Suspended Solids - W41
☐ Calcium Oxide - W8	☐ Hydrogen Sulfide - W25	☐ Temperature Rise (lime) - W42
☐ Chlorate - W9	☐ Magnesium - W26	☐ TOC - W43
☐ Chloride - W10	☐ Nitrate - W27	☐ Total Dissolved Solids - W44
☐ Chlorine Dioxide - W11	☐ Nitrate/Nitrite - W28	☐ Total Kjeldahl Nitrogen - W45
☐ Chlorine Residual - W12	☐ Nitric Acid (specific gravity) - W29	☐ Total Solids - W46
☐ Chlorite - W13	☐ Oil and Grease - W30	☐ Turbidity - W47
☐ COD - W14	☐ Ozone - W31	☐ Virgin Carbon Analysis - W48
☐ Color - W15	☐ pH - W32	☐ Volatile Acids - W49
☐ Conductivity - W16	☐ Phosphate-ortho - W33	☐ Volatile Solids - W50
☐ Cyanide (amenable) - W17	☐ Phosphorus-total - W34	☐ Other: _____
METALS	MICROBIOLOGY	ORGANICS
☐ 40 CFR Table III - M1	☐ Coliforms-fecal - B1	☐ Diazinon - O1
☐ 40 CFR Table IV - M2	☐ Coliforms-total - B2	☐ Extractable Survey Search - O2
☐ 40 CFR Table V - M3	☐ Coliphage - B3	☐ Methane - O3
☐ 503 Sludge Regulation - M4	☐ <u>Cryptosporidium - B4</u>	☐ PCB's - O4
☐ Hexavalent Chromium - M5	☐ Enteroviruses - B5	☐ PESTICIDES (EPA 608) - O5
☐ NPDES - M6	☐ <u>Escherichia coli - B6</u>	☐ PVOC/GRO - O6
☐ SDWA - M7	☐ <u>Giardia lamblia - B7</u>	☐ THM's - O7
☐ TCLP - M9	☐ Heterotrophic Plate Count - B8	☐ Total Petroleum Hydrocarbons - O8
☐ Other: _____	☐ Most Probable Number - B9	☐ VOC (EPA 601/602) - O9
MISCELLANEOUS	☐ PASCO - B10	☐ Volatile Survey Search - O10
☒ Asbestos	☐ <u>Pseudomonas spp. - B11</u>	☐ TCLP - O11
☐ Radionuclides	☐ <u>Salmonella spp. - B12</u>	☐ Other: _____
☐ X-Ray Diffraction	☐ Stressed Organisms - B13	GROUPS
☐ % Generator Yield	☐ <u>Vibrio cholerae - B14</u>	☐ Anion/Cation parameters - G1
☐ % Total Iron	☐ Other: _____	☐ BOD, COD, Color, TSS - G2
☐ Other: _____		☐ BOD, COD, TSS - G3
Field Analyses:		☐ Chloride, Sodium, Sulfate, TDS - G4
		☐ Color, TSS - G5
		☐ Lime Analyses - G6
		☐ Salts - G7

CHAIN OF CUSTODY RECORD

LABORATORY No.

F072297-64

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: MARY MOPHIN JR
 Delivered by/date: 7-22-97
 Received by/date: 7-22-97
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: _____
 Type of containers: _____
 Preservative used: _____

Requested by: John Ballieu
 Samp. Location: ROSEWOOD & MISSOURI
 Address: 2600 ROSEWOOD
 Project: IP
 Sampling Point: HYDRAUT # 1610
 Collection Date: 7-22-97
 Collection Time: 0805

Report Format: ☒ Standard Report ☐ FAX Report to: _____ ☐ Verbal Results ☐ cc:Mail Results to: _____ ☐ Other: _____		Turn-Around-Time Requested: ☐ 21-day TAT ☐ 14-day TAT ☐ 7-day TAT ☐ 2-day TAT ☐ Same day TAT		Sample Description: ☒ Grab ☐ Composite/Flow Proportional ☐ Composite/Time Weighted	
Matrix Type: ☐ Reagent Water ☒ Drinking Water ☐ Ground Water ☐ Surface Water ☐ Wastewater ☐ Sludge ☐ Soil ☐ Hazardous Waste ☐ Other: _____					

ANALYSIS REQUESTED

WETCHEMISTRY ☐ Alkalinity - W1 ☐ Ammonia - W2 ☐ Biomonitoring - W3 ☐ BOD - W4 ☐ Bromate - W5 ☐ Bromide - W6 ☐ Calcium - W7 ☐ Calcium Oxide - W8 ☐ Chlorate - W9 ☐ Chloride - W10 ☐ Chlorine Dioxide - W11 ☐ Chlorine Residual - W12 ☐ Chlorite - W13 ☐ COD - W14 ☐ Color - W15 ☐ Conductivity - W16 ☐ Cyanide (amenable) - W17 ☐ Cyanide (total) - W18 ☐ Cyanide (week and dissociable) - W19 ☐ Diluted Conductivity - W20 ☐ DOC - W21 ☐ Fluoride - W22 ☐ Hardness (calcium) - W23 ☐ Hardness (total) - W24 ☐ Hydrogen Sulfide - W25 ☐ Magnesium - W26 ☐ Nitrate - W27 ☐ Nitrate/Nitrite - W28 ☐ Nitric Acid (specific gravity) - W29 ☐ Oil and Grease - W30 ☐ Ozone - W31 ☐ pH - W32 ☐ Phosphate-ortho - W33 ☐ Phosphorus-total - W34 ☐ Potassium - W35 ☐ Silica - W36 ☐ Sodium - W37 ☐ Sulfate - W38 ☐ Surfactants (MBAS) - W39 ☐ Suspended Ash - W40 ☐ Suspended Solids - W41 ☐ Temperature Rise (lime) - W42 ☐ TOC - W43 ☐ Total Dissolved Solids - W44 ☐ Total Kjeldahl Nitrogen - W45 ☐ Total Solids - W46 ☐ Turbidity - W47 ☐ Virgin Carbon Analysis - W48 ☐ Volatile Acids - W49 ☐ Volatile Solids - W50 ☐ Other: _____					
METALS ☐ 40 CFR Table III - M1 ☐ 40 CFR Table IV - M2 ☐ 40 CFR Table V - M3 ☐ 503 Sludge Regulation - M4 ☐ Hexavalent Chromium - M5 ☐ NPDES - M6 ☐ SDWA - M7 ☐ TCLP - M9 ☐ Other: _____		MICROBIOLOGY ☐ Coliforms-fecal - B1 ☐ Coliforms-total - B2 ☐ Coliphage - B3 ☐ <u>Cryptosporidium - B4</u> ☐ Enteroviruses - B5 ☐ <u>Escherichia coli - B6</u> ☐ <u>Giardia lamblia - B7</u> ☐ Heterotrophic Plate Count - B8 ☐ Most Probable Number - B9 ☐ PASCO - B10 ☐ <u>Pseudomonas spp. - B11</u> ☐ <u>Salmonella spp. - B12</u> ☐ Stressed Organisms - B13 ☐ <u>Vibrio cholerae - B14</u> ☐ Other: _____		ORGANICS ☐ Diazinon - O1 ☐ Extractable Survey Search - O2 ☐ Methane - O3 ☐ PCB's - O4 ☐ PESTICIDES (EPA 608) - O5 ☐ PVOC/GRO - O6 ☐ THM's - O7 ☐ Total Petroleum Hydrocarbons - O8 ☐ VOC (EPA 601/602) - O9 ☐ Volatile Survey Search - O10 ☐ TCLP - O11 ☐ Other: _____	
MISCELLANEOUS ☒ Asbestos ☐ Radionuclides ☐ X-Ray Diffraction ☐ % Generator Yield ☐ % Total Iron ☐ Other: _____		GROUPS ☐ Anion/Cation parameters - G1 ☐ BOD, COD, Color, TSS - G2 ☐ BOD, COD, TSS - G3 ☐ Chloride, Sodium, Sulfate, TDS - G4 ☐ Color, TSS - G5 ☐ Lime Analyses - G6 ☐ Salts - G7			
Field Analyses:					

CHAIN OF CUSTODY RECORD

LABORATORY No.

8072297-65

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Moreno Jr
 Delivered by/date: 7-22-97
 Received by/date: 7-22-97
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: _____
 Type of containers: _____
 Preservative used: _____

Requested by: John Balligw
 Samp. Location: Residential Home
 Address: 1290 Kentucky
 Project: TP
 Sampling Point: Kitchen Sink
 Collection Date: 7-22-97
 Collection Time: 0820

Report Format: ☒ Standard Report ☐ FAX Report to: _____ ☐ Verbal Results ☐ cc:Mail Results to: _____ ☐ Other: _____	Turn-Around-Time Requested: ☐ 21-day TAT ☐ 14-day TAT ☐ 7-day TAT ☐ 2-day TAT ☐ Same day TAT	Sample Description: ☒ Grab ☐ Composite/Flow Proportional ☐ Composite/Time Weighted
Matrix Type: ☐ Reagent Water ☒ Drinking Water ☐ Ground Water		
☐ Surface Water ☐ Wastewater ☐ Sludge		
☐ Soil ☐ Hazardous Waste ☐ Other: _____		

ANALYSIS REQUESTED

WETCHEMISTRY ☐ Alkalinity - W1 ☐ Ammonia - W2 ☐ Biomonitoring - W3 ☐ BOD - W4 ☐ Bromate - W5 ☐ Bromide - W6 ☐ Calcium - W7 ☐ Calcium Oxide - W8 ☐ Chlorate - W9 ☐ Chloride - W10 ☐ Chlorine Dioxide - W11 ☐ Chlorine Residual - W12 ☐ Chlorite - W13 ☐ COD - W14 ☐ Color - W15 ☐ Conductivity - W16 ☐ Cyanide (amenable) - W17			☐ Cyanide (total) - W18 ☐ Cyanide (week and dissociable) - W19 ☐ Diluted Conductivity - W20 ☐ DOC - W21 ☐ Fluoride - W22 ☐ Hardness (calcium) - W23 ☐ Hardness (total) - W24 ☐ Hydrogen Sulfide - W25 ☐ Magnesium - W26 ☐ Nitrate - W27 ☐ Nitrate/Nitrite - W28 ☐ Nitric Acid (specific gravity) - W29 ☐ Oil and Grease - W30 ☐ Ozone - W31 ☐ pH - W32 ☐ Phosphate-ortho - W33 ☐ Phosphorus-total - W34			☐ Potassium - W35 ☐ Silica - W36 ☐ Sodium - W37 ☐ Sulfate - W38 ☐ Surfactants (MBAS) - W39 ☐ Suspended Ash - W40 ☐ Suspended Solids - W41 ☐ Temperature Rise (lime) - W42 ☐ TOC - W43 ☐ Total Dissolved Solids - W44 ☐ Total Kjeldahl Nitrogen - W45 ☐ Total Solids - W46 ☐ Turbidity - W47 ☐ Virgin Carbon Analysis - W48 ☐ Volatile Acids - W49 ☐ Volatile Solids - W50 ☐ Other: _____		
METALS ☐ 40 CFR Table III - M1 ☐ 40 CFR Table IV - M2 ☐ 40 CFR Table V - M3 ☐ 503 Sludge Regulation - M4 ☐ Hexavalent Chromium - M5 ☐ NPDES - M6 ☐ SDWA - M7 ☐ TCLP - M9 ☐ Other: _____		MICROBIOLOGY ☐ Coliforms-fecal - B1 ☐ Coliforms-total - B2 ☐ Coliphage - B3 ☐ <u>Cryptosporidium - B4</u> ☐ Enteroviruses - B5 ☐ <u>Escherichia coli - B6</u> ☐ <u>Giardia lamblia - B7</u> ☐ Heterotrophic Plate Count - B8 ☐ Most Probable Number - B9 ☐ PASCO - B10 ☐ <u>Pseudomonas spp. - B11</u> ☐ <u>Salmonella spp. - B12</u> ☐ Stressed Organisms - B13 ☐ <u>Vibrio cholerae - B14</u> ☐ Other: _____		ORGANICS ☐ Diazinon - O1 ☐ Extractable Survey Search - O2 ☐ Methane - O3 ☐ PCB's - O4 ☐ PESTICIDES (EPA 608) - O5 ☐ PVOC/GRO - O6 ☐ THM's - O7 ☐ Total Petroleum Hydrocarbons - O8 ☐ VOC (EPA 601/602) - O9 ☐ Volatile Survey Search - O10 ☐ TCLP - O11 ☐ Other: _____				
MISCELLANEOUS ☒ Asbestos ☐ Radionuclides ☐ X-Ray Diffraction ☐ % Generator Yield ☐ % Total Iron ☐ Other: _____		GROUPS ☐ Anion/Cation parameters - G1 ☐ BOD, COD, Color, TSS - G2 ☐ BOD, COD, TSS - G3 ☐ Chloride, Sodium, Sulfate, TDS - G4 ☐ Color, TSS - G5 ☐ Lime Analyses - G6 ☐ Salts - G7						
Field Analyses:								

CHAIN OF CUSTODY RECORD

LABORATORY No.

F072297-66

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Moreno Jr
 Delivered by/date: Alvin Smith 7-22-97
 Received by/date: Elaine 072297
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: _____
 Type of containers: _____
 Preservative used: _____

Requested by: John Balligan
 Samp. Location: San Jose & Kentucky
 Address: _____
 Project: IP
 Sampling Point: Hydco #2208
 Collection Date: 7-22-97
 Collection Time: 0825

Report Format: ☒ Standard Report ☐ FAX Report to: _____ ☐ Verbal Results ☐ cc:Mail Results to: _____ ☐ Other: _____	Turn-Around-Time Requested: ☐ 21-day TAT ☐ 14-day TAT ☐ 7-day TAT ☐ 2-day TAT ☐ Same day TAT	Sample Description: ☒ Grab ☐ Composite/Flow Proportional ☐ Composite/Time Weighted
Matrix Type: ☐ Reagent Water ☒ Drinking Water ☐ Ground Water ☐ Surface Water ☐ Wastewater ☐ Sludge ☐ Soil ☐ Hazardous Waste ☐ Other: _____		

ANALYSIS REQUESTED

WETCHEMISTRY ☐ Alkalinity - W1 ☐ Ammonia - W2 ☐ Biomonitoring - W3 ☐ BOD - W4 ☐ Bromate - W5 ☐ Bromide - W6 ☐ Calcium - W7 ☐ Calcium Oxide - W8 ☐ Chlorate - W9 ☐ Chloride - W10 ☐ Chlorine Dioxide - W11 ☐ Chlorine Residual - W12 ☐ Chlorite - W13 ☐ COD - W14 ☐ Color - W15 - ☐ Conductivity - W16 ☐ Cyanide (amenable) - W17 ☐ Cyanide (total) - W18 ☐ Cyanide (weak and dissociable) - W19 ☐ Diluted Conductivity - W20 ☐ DOC - W21 ☐ Fluoride - W22 ☐ Hardness (calcium) - W23 ☐ Hardness (total) - W24 ☐ Hydrogen Sulfide - W25 ☐ Magnesium - W26 ☐ Nitrate - W27 ☐ Nitrate/Nitrite - W28 ☐ Nitric Acid (specific gravity) - W29 ☐ Oil and Grease - W30 ☐ Ozone - W31 ☐ pH - W32 ☐ Phosphate-ortho - W33 ☐ Phosphorus-total - W34 ☐ Potassium - W35 ☐ Silica - W36 ☐ Sodium - W37 ☐ Sulfate - W38 ☐ Surfactants (MBAS) - W39 ☐ Suspended Ash - W40 ☐ Suspended Solids - W41 ☐ Temperature Rise (lime) - W42 ☐ TOC - W43 ☐ Total Dissolved Solids - W44 ☐ Total Kjeldahl Nitrogen - W45 ☐ Total Solids - W46 ☐ Turbidity - W47 ☐ Virgin Carbon Analysis - W48 ☐ Volatile Acids - W49 ☐ Volatile Solids - W50 ☐ Other: _____		
METALS ☐ 40 CFR Table III - M1 ☐ 40 CFR Table IV - M2 ☐ 40 CFR Table V - M3 ☐ 503 Sludge Regulation - M4 ☐ Hexavalent Chromium - M5 ☐ NPDES - M6 ☐ SDWA - M7 ☐ TCLP - M9 ☐ Other: _____	MICROBIOLOGY ☐ Coliforms-fecal - B1 ☐ Coliforms-total - B2 ☐ Coliphage - B3 ☐ <u>Cryptosporidium - B4</u> ☐ Enteroviruses - B5 ☐ <u>Escherichia coli - B6</u> ☐ <u>Giardia lamblia - B7</u> ☐ Heterotrophic Plate Count - B8 ☐ Most Probable Number - B9 ☐ PASCO - B10 ☐ <u>Pseudomonas spp. - B11</u> ☐ <u>Salmonella spp. - B12</u> ☐ Stressed Organisms - B13 ☐ <u>Vibrio cholerae - B14</u> ☐ Other: _____	ORGANICS ☐ Diazinon - O1 ☐ Extractable Survey Search - O2 ☐ Methane - O3 ☐ PCB's - O4 ☐ PESTICIDES (EPA 808) - O5 ☐ PVOC/GRO - O6 ☐ THM's - O7 ☐ Total Petroleum Hydrocarbons - O8 ☐ VOC (EPA 801/802) - O9 ☐ Volatile Survey Search - O10 ☐ TCLP - O11 ☐ Other: _____
MISCELLANEOUS ☒ Asbestos ☐ Radionuclides ☐ X-Ray Diffraction ☐ % Generator Yield ☐ % Total Iron ☐ Other: _____	GROUPS ☐ Anion/Cation parameters - G1 ☐ BOD, COD, Color, TSS - G2 ☐ BOD, COD, TSS - G3 ☐ Chloride, Sodium, Sulfate, TDS - G4 ☐ Color, TSS - G5 ☐ Lime Analyses - G6 ☐ Salts - G7	
Field Analyses:		

CHAIN OF CUSTODY RECORD

LABORATORY No.

FC72297-67

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Morin Jr
 Delivered by/date: Manny Morin Jr 7-22-97
 Received by/date: Paula Morin 072297
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: _____
 Type of containers: _____
 Preservative used: _____

Requested by: John Ballieu
 Samp. Location: Community College (Val Verde)
 Address: 919 Hunter
 Project: IF
 Sampling Point: Drinking fountain by gym
 Collection Date: 7-22-97
 Collection Time: 0905

Report Format: ☒ Standard Report ☐ FAX Report to: _____ ☐ Verbal Results ☐ cc: Mail Results to: _____ ☐ Other: _____	Turn-Around-Time Requested: ☐ 21-day TAT ☐ 14-day TAT ☐ 7-day TAT ☐ 2-day TAT ☐ Same day TAT	Sample Description: ☒ Grab ☐ Composite/Flow Proportional ☐ Composite/Time Weighted
Matrix Type: ☒ Reagent Water ☐ Drinking Water ☐ Ground Water ☐ Surface Water ☐ Wastewater ☐ Sludge ☐ Soil ☐ Hazardous Waste ☐ Other: _____		

ANALYSIS REQUESTED

WETCHEMISTRY ☐ Alkalinity - W1 ☐ Ammonia - W2 ☐ Biomonitoring - W3 ☐ BOD - W4 ☐ Bromate - W5 ☐ Bromide - W6 ☐ Calcium - W7 ☐ Calcium Oxide - W8 ☐ Chlorate - W9 ☐ Chloride - W10 ☐ Chlorine Dioxide - W11 ☐ Chlorine Residual - W12 ☐ Chlorite - W13 ☐ COD - W14 ☐ Color - W15 ☐ Conductivity - W16 ☐ Cyanide (amenable) - W17 ☐ Cyanide (total) - W18 ☐ Cyanide (weak and dissociable) - W19 ☐ Diluted Conductivity - W20 ☐ DOC - W21 ☐ Fluoride - W22 ☐ Hardness (calcium) - W23 ☐ Hardness (total) - W24 ☐ Hydrogen Sulfide - W25 ☐ Magnesium - W26 ☐ Nitrate - W27 ☐ Nitrate/Nitrite - W28 ☐ Nitric Acid (specific gravity) - W29 ☐ Oil and Grease - W30 ☐ Ozone - W31 ☐ pH - W32 ☐ Phosphate-ortho - W33 ☐ Phosphorus-total - W34 ☐ Potassium - W35 ☐ Silica - W36 ☐ Sodium - W37 ☐ Sulfate - W38 ☐ Surfactants (MBAS) - W39 ☐ Suspended Ash - W40 ☐ Suspended Solids - W41 ☐ Temperature Rise (lime) - W42 ☐ TOC - W43 ☐ Total Dissolved Solids - W44 ☐ Total Kjeldahl Nitrogen - W45 ☐ Total Solids - W46 ☐ Turbidity - W47 ☐ Virgin Carbon Analysis - W48 ☐ Volatile Acids - W49 ☐ Volatile Solids - W50 ☐ Other: _____		
METALS ☐ 40 CFR Table III - M1 ☐ 40 CFR Table IV - M2 ☐ 40 CFR Table V - M3 ☐ 503 Sludge Regulation - M4 ☐ Hexavalent Chromium - M5 ☐ NPDES - M6 ☐ SDWA - M7 ☐ TCLP - M9 ☐ Other: _____	MICROBIOLOGY ☐ Coliforms-fecal - B1 ☐ Coliforms-total - B2 ☐ Coliphage - B3 ☐ <u>Cryptosporidium - B4</u> ☐ Enteroviruses - B5 ☐ <u>Escherichia coli - B6</u> ☐ <u>Giardia lamblia - B7</u> ☐ Heterotrophic Plate Count - B8 ☐ Most Probable Number - B9 ☐ PASCO - B10 ☐ <u>Pseudomonas spp. - B11</u> ☐ <u>Salmonella spp. - B12</u> ☐ Stressed Organisms - B13 ☐ <u>Vibrio cholerae - B14</u> ☐ Other: _____	ORGANICS ☐ Diazinon - O1 ☐ Extractable Survey Search - O2 ☐ Methane - O3 ☐ PCB's - O4 ☐ PESTICIDES (EPA 608) - O5 ☐ PVOC/GRO - O6 ☐ THM's - O7 ☐ Total Petroleum Hydrocarbons - O8 ☐ VOC (EPA 601/602) - O9 ☐ Volatile Survey Search - O10 ☐ TCLP - O11 ☐ Other: _____
MISCELLANEOUS ☒ Asbestos ☐ Radionuclides ☐ X-Ray Diffraction ☐ % Generator Yield ☐ % Total Iron ☐ Other: _____		
GROUPS ☐ Anion/Cation parameters - G1 ☐ BOD, COD, Color, TSS - G2 ☐ BOD, COD, TSS - G3 ☐ Chloride, Sodium, Sulfate, TDS - G4 ☐ Color, TSS - G5 ☐ Lime Analyses - G6 ☐ Salts - G7		
Field Analyses:		

CHAIN OF CUSTODY RECORD

LABORATORY No.

8072297-68

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Phanny Morgan Jr
 Delivered by/date: Phanny Morgan Jr 7-22-97
 Received by/date: Phanny Morgan Jr 07-22-97
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: _____
 Type of containers: _____
 Preservative used: _____

Requested by: John Ballen
 Samp. Location: Community College
 Address: 919 Hunter
 Project: F.P.
 Sampling Point: Hydromat # 4506
 Collection Date: 7-22-97
 Collection Time: 0910

Report Format: ☒ Standard Report ☐ FAX Report to: _____ ☐ Verbal Results ☐ cc: Mail Results to: _____ ☐ Other: _____	Turn-Around-Time Requested: ☐ 21-day TAT ☐ 14-day TAT ☐ 7-day TAT ☐ 2-day TAT ☐ Same day TAT	Sample Description: ☒ Grab ☐ Composite/Flow Proportional ☐ Composite/Time Weighted									
Matrix Type: <table border="0"> <tr> <td>☐ Reagent Water</td> <td>☐ Surface Water</td> <td>☐ Soil</td> </tr> <tr> <td>☒ Drinking Water</td> <td>☐ Wastewater</td> <td>☐ Hazardous Waste</td> </tr> <tr> <td>☐ Ground Water</td> <td>☐ Sludge</td> <td>☐ Other: _____</td> </tr> </table>			☐ Reagent Water	☐ Surface Water	☐ Soil	☒ Drinking Water	☐ Wastewater	☐ Hazardous Waste	☐ Ground Water	☐ Sludge	☐ Other: _____
☐ Reagent Water	☐ Surface Water	☐ Soil									
☒ Drinking Water	☐ Wastewater	☐ Hazardous Waste									
☐ Ground Water	☐ Sludge	☐ Other: _____									

ANALYSIS REQUESTED

WETCHEMISTRY <table border="0"> <tr> <td>☐ Alkalinity - W1</td> <td>☐ Cyanide (total) - W18</td> <td>☐ Potassium - W35</td> </tr> <tr> <td>☐ Ammonia - W2</td> <td>☐ Cyanide (week and dissociable) - W19</td> <td>☐ Silica - W36</td> </tr> <tr> <td>☐ Biomonitoring - W3</td> <td>☐ Diluted Conductivity - W20</td> <td>☐ Sodium - W37</td> </tr> <tr> <td>☐ BOD - W4</td> <td>☐ DOC - W21</td> <td>☐ Sulfate - W38</td> </tr> <tr> <td>☐ Bromate - W5</td> <td>☐ Fluoride - W22</td> <td>☐ Surfactants (MBAS) - W39</td> </tr> <tr> <td>☐ Bromide - W6</td> <td>☐ Hardness (calcium) - W23</td> <td>☐ Suspended Ash - W40</td> </tr> <tr> <td>☐ Calcium - W7</td> <td>☐ Hardness (total) - W24</td> <td>☐ Suspended Solids - W41</td> </tr> <tr> <td>☐ Calcium Oxide - W8</td> <td>☐ Hydrogen Sulfide - W25</td> <td>☐ Temperature Rise (lime) - W42</td> </tr> <tr> <td>☐ Chlorate - W9</td> <td>☐ Magnesium - W26</td> <td>☐ TOC - W43</td> </tr> <tr> <td>☐ Chloride - W10</td> <td>☐ Nitrate - W27</td> <td>☐ Total Dissolved Solids - W44</td> </tr> <tr> <td>☐ Chlorine Dioxide - W11</td> <td>☐ Nitrate/Nitrite - W28</td> <td>☐ Total Kjeldahl Nitrogen - W45</td> </tr> <tr> <td>☐ Chlorine Residual - W12</td> <td>☐ Nitric Acid (specific gravity) - W29</td> <td>☐ Total Solids - W46</td> </tr> <tr> <td>☐ Chlorite - W13</td> <td>☐ Oil and Grease - W30</td> <td>☐ Turbidity - W47</td> </tr> <tr> <td>☐ COD - W14</td> <td>☐ Ozone - W31</td> <td>☐ Virgin Carbon Analysis - W48</td> </tr> <tr> <td>☐ Color - W15</td> <td>☐ pH - W32</td> <td>☐ Volatile Acids - W49</td> </tr> <tr> <td>☐ Conductivity - W16</td> <td>☐ Phosphate-ortho - W33</td> <td>☐ Volatile Solids - W50</td> </tr> <tr> <td>☐ Cyanide (amenable) - W17</td> <td>☐ Phosphorus-total - W34</td> <td>☐ Other: _____</td> </tr> </table>			☐ Alkalinity - W1	☐ Cyanide (total) - W18	☐ Potassium - W35	☐ Ammonia - W2	☐ Cyanide (week and dissociable) - W19	☐ Silica - W36	☐ Biomonitoring - W3	☐ Diluted Conductivity - W20	☐ Sodium - W37	☐ BOD - W4	☐ DOC - W21	☐ Sulfate - W38	☐ Bromate - W5	☐ Fluoride - W22	☐ Surfactants (MBAS) - W39	☐ Bromide - W6	☐ Hardness (calcium) - W23	☐ Suspended Ash - W40	☐ Calcium - W7	☐ Hardness (total) - W24	☐ Suspended Solids - W41	☐ Calcium Oxide - W8	☐ Hydrogen Sulfide - W25	☐ Temperature Rise (lime) - W42	☐ Chlorate - W9	☐ Magnesium - W26	☐ TOC - W43	☐ Chloride - W10	☐ Nitrate - W27	☐ Total Dissolved Solids - W44	☐ Chlorine Dioxide - W11	☐ Nitrate/Nitrite - W28	☐ Total Kjeldahl Nitrogen - W45	☐ Chlorine Residual - W12	☐ Nitric Acid (specific gravity) - W29	☐ Total Solids - W46	☐ Chlorite - W13	☐ Oil and Grease - W30	☐ Turbidity - W47	☐ COD - W14	☐ Ozone - W31	☐ Virgin Carbon Analysis - W48	☐ Color - W15	☐ pH - W32	☐ Volatile Acids - W49	☐ Conductivity - W16	☐ Phosphate-ortho - W33	☐ Volatile Solids - W50	☐ Cyanide (amenable) - W17	☐ Phosphorus-total - W34	☐ Other: _____
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METALS ☐ 40 CFR Table III - M1 ☐ 40 CFR Table IV - M2 ☐ 40 CFR Table V - M3 ☐ 503 Sludge Regulation - M4 ☐ Hexavalent Chromium - M5 ☐ NPDES - M6 ☐ SDWA - M7 ☐ TCLP - M9 ☐ Other: _____	MICROBIOLOGY ☐ Coliforms-fecal - B1 ☐ Coliforms-total - B2 ☐ Coliphage - B3 ☐ <u>Cryptosporidium - B4</u> ☐ Enteroviruses - B5 ☐ <u>Escherichia coli - B6</u> ☐ <u>Giardia lamblia - B7</u> ☐ Heterotrophic Plate Count - B8 ☐ Most Probable Number - B9 ☐ PASCO - B10 ☐ <u>Pseudomonas spp. - B11</u> ☐ <u>Salmonella spp. - B12</u> ☐ Stressed Organisms - B13 ☐ <u>Vibrio cholerae - B14</u> ☐ Other: _____	ORGANICS ☐ Diazinon - O1 ☐ Extractable Survey Search - O2 ☐ Methane - O3 ☐ PCB's - O4 ☐ PESTICIDES (EPA 608) - O5 ☐ PVOC/GRO - O6 ☐ THM's - O7 ☐ Total Petroleum Hydrocarbons - O8 ☐ VOC (EPA 601/602) - O9 ☐ Volatile Survey Search - O10 ☐ TCLP - O11 ☐ Other: _____																																																			
MISCELLANEOUS ☒ Asbestos ☐ Radionuclides ☐ X-Ray Diffraction ☐ % Generator Yield ☐ % Total Iron ☐ Other: _____		GROUPS ☐ Anion/Cation parameters - G1 ☐ BOD, COD, Color, TSS - G2 ☐ BOD, COD, TSS - G3 ☐ Chloride, Sodium, Sulfate, TDS - G4 ☐ Color, TSS - G5 ☐ Lime Analyses - G6 ☐ Salts - G7																																																			
Field Analyses: _____ _____ _____																																																					

CHAIN OF CUSTODY RECORD

LABORATORY No.

F072297-69

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Moreno Jr
 Delivered by/date: Manny Moreno Jr 7-22-97
 Received by/date: Elaine 072297
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: _____
 Type of containers: _____
 Preservative used: _____

Requested by: John Bailion
 Samp. Location: Residential Home
 Address: 10781 Sugarland
 Project: JP
 Sampling Point: OUTSIDE FAUCET
 Collection Date: 7-22-97
 Collection Time: 0945

Report Format: ☒ Standard Report ☐ FAX Report to: _____ ☐ Verbal Results ☐ cc:Mail Results to: _____ ☐ Other: _____	Turn-Around-Time Requested: ☐ 21-day TAT ☐ 14-day TAT ☐ 7-day TAT ☐ 2-day TAT ☐ Same day TAT	Sample Description: ☒ Grab ☐ Composite/Flow Proportional ☐ Composite/Time Weighted
Matrix Type: ☐ Reagent Water ☒ Drinking Water ☐ Ground Water ☐ Surface Water ☐ Wastewater ☐ Sludge ☐ Soil ☐ Hazardous Waste ☐ Other: _____		

ANALYSIS REQUESTED

WETCHEMISTRY ☐ Alkalinity - W1 ☐ Ammonia - W2 ☐ Biomonitoring - W3 ☐ BOD - W4 ☐ Bromate - W5 ☐ Bromide - W6 ☐ Calcium - W7 ☐ Calcium Oxide - W8 ☐ Chlorate - W9 ☐ Chloride - W10 ☐ Chlorine Dioxide - W11 ☐ Chlorine Residual - W12 ☐ Chlorite - W13 ☐ COD - W14 ☐ Color - W15- ☐ Conductivity - W16 ☐ Cyanide (amenable) - W17 ☐ Cyanide (total) - W18 ☐ Cyanide (week and dissociable) - W19 ☐ Diluted Conductivity - W20 ☐ DOC - W21 ☐ Fluoride - W22 ☐ Hardness (calcium) - W23 ☐ Hardness (total) - W24 ☐ Hydrogen Sulfide - W25 ☐ Magnesium - W26 ☐ Nitrate - W27 ☐ Nitrate/Nitrite - W28 ☐ Nitric Acid (specific gravity) - W29 ☐ Oil and Grease - W30 ☐ Ozone - W31 ☐ pH - W32 ☐ Phosphate-ortho - W33 ☐ Phosphorus-total - W34 ☐ Potassium - W35 ☐ Silica - W36 ☐ Sodium - W37 ☐ Sulfate - W38 ☐ Surfactants (MBAS) - W39 ☐ Suspended Ash - W40 ☐ Suspended Solids - W41 ☐ Temperature Rise (lime) - W42 ☐ TOC - W43 ☐ Total Dissolved Solids - W44 ☐ Total Kjeldahl Nitrogen - W45 ☐ Total Solids - W46 ☐ Turbidity - W47 ☐ Virgin Carbon Analysis - W48 ☐ Volatile Acids - W49 ☐ Volatile Solids - W50 ☐ Other: _____		
METALS ☐ 40 CFR Table III - M1 ☐ 40 CFR Table IV - M2 ☐ 40 CFR Table V - M3 ☐ 503 Sludge Regulation - M4 ☐ Hexavalent Chromium - M5 ☐ NPDES - M6 ☐ SDWA - M7 ☐ TCLP - M9 ☐ Other: _____	MICROBIOLOGY ☐ Coliforms-fecal - B1 ☐ Coliforms-total - B2 ☐ Coliphage - B3 ☐ <u>Cryptosporidium - B4</u> ☐ Enteroviruses - B5 ☐ <u>Escherichia coli - B6</u> ☐ <u>Giardia lamblia - B7</u> ☐ Heterotrophic Plate Count - B8 ☐ Most Probable Number - B9 ☐ PASCO - B10 ☐ <u>Pseudomonas spp. - B11</u> ☐ <u>Salmonella spp. - B12</u> ☐ Stressed Organisms - B13 ☐ <u>Vibrio cholerae - B14</u> ☐ Other: _____	ORGANICS ☐ Diazinon - O1 ☐ Extractable Survey Search - O2 ☐ Methane - O3 ☐ PCB's - O4 ☐ PESTICIDES (EPA 608) - O5 ☐ PVOC/GRO - O6 ☐ THM's - O7 ☐ Total Petroleum Hydrocarbons - O8 ☐ VOC (EPA 601/602) - O9 ☐ Volatile Survey Search - O10 ☐ TCLP - O11 ☐ Other: _____
MISCELLANEOUS ☒ Asbestos ☐ Radionuclides ☐ X-Ray Diffraction ☐ % Generator Yield ☐ % Total Iron ☐ Other: _____		
Field Analyses: ☐ Anion/Cation parameters - G1 ☐ BOD, COD, Color, TSS - G2 ☐ BOD, COD, TSS - G3 ☐ Chloride, Sodium, Sulfate, TDS - G4 ☐ Color, TSS - G5 ☐ Lime Analyses - G6 ☐ Salts - G7		

CHAIN OF CUSTODY RECORD

LABORATORY No.

F072297-00

CHAIN OF CUSTODY

CLIENT INFORMATION

Collected by/date: Manny Morenc Jr
 Delivered by/date: Manny Morenc Jr 7-22-97
 Received by/date: Elizabeth 072297
 Delivered by/date: _____
 Received by/date: _____
 No. of containers: _____
 Type of containers: _____
 Preservative used: _____

Requested by: John Balligow
 Samp. Location: Roundrock & Sugarland
 Address: _____
 Project: FF
 Sampling Point: HYDRANT # 4633
 Collection Date: 7-22-97
 Collection Time: 0955

Report Format: ☒ Standard Report ☐ FAX Report to: _____ ☐ Verbal Results ☐ cc:Mail Results to: _____ ☐ Other: _____	Turn-Around-Time Requested: ☐ 21-day TAT ☐ 14-day TAT ☐ 7-day TAT ☐ 2-day TAT ☐ Same day TAT	Sample Description: ☒ Grab ☐ Composite/Flow Proportional ☐ Composite/Time Weighted
Matrix Type: ☐ Reagent Water ☒ Drinking Water ☐ Ground Water ☐ Surface Water ☐ Wastewater ☐ Sludge ☐ Soil ☐ Hazardous Waste ☐ Other: _____		

ANALYSIS REQUESTED

WETCHEMISTRY ☐ Alkalinity - W1 ☐ Ammonia - W2 ☐ Biomonitoring - W3 ☐ BOD - W4 ☐ Bromate - W5 ☐ Bromide - W6 ☐ Calcium - W7 ☐ Calcium Oxide - W8 ☐ Chlorate - W9 ☐ Chloride - W10 ☐ Chlorine Dioxide - W11 ☐ Chlorine Residual - W12 ☐ Chlorite - W13 ☐ COD - W14 ☐ Color - W15 ☐ Conductivity - W16 ☐ Cyanide (amenable) - W17 ☐ Cyanide (total) - W18 ☐ Cyanide (week and dissociable) - W19 ☐ Diluted Conductivity - W20 ☐ DOC - W21 ☐ Fluoride - W22 ☐ Hardness (calcium) - W23 ☐ Hardness (total) - W24 ☐ Hydrogen Sulfide - W25 ☐ Magnesium - W26 ☐ Nitrate - W27 ☐ Nitrate/Nitrite - W28 ☐ Nitric Acid (specific gravity) - W29 ☐ Oil and Grease - W30 ☐ Ozone - W31 ☐ pH - W32 ☐ Phosphate-ortho - W33 ☐ Phosphorus-total - W34 ☐ Potassium - W35 ☐ Silica - W36 ☐ Sodium - W37 ☐ Sulfate - W38 ☐ Surfactants (MBAS) - W39 ☐ Suspended Ash - W40 ☐ Suspended Solids - W41 ☐ Temperature Rise (lime) - W42 ☐ TOC - W43 ☐ Total Dissolved Solids - W44 ☐ Total Kjeldahl Nitrogen - W45 ☐ Total Solids - W46 ☐ Turbidity - W47 ☐ Virgin Carbon Analysis - W48 ☐ Volatile Acids - W49 ☐ Volatile Solids - W50 ☐ Other: _____		
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MISCELLANEOUS ☒ Asbestos ☐ Radionuclides ☐ X-Ray Diffraction ☐ % Generator Yield ☐ % Total Iron ☐ Other: _____	GROUPS ☐ Anion/Cation parameters - G1 ☐ BOD, COD, Color, TSS - G2 ☐ BOD, COD, TSS - G3 ☐ Chloride, Sodium, Sulfate, TDS - G4 ☐ Color, TSS - G5 ☐ Lime Analyses - G6 ☐ Salts - G7	
Field Analyses: _____ _____ _____		

CLIENT	Continental Analytical Services	TEM PROJECT # 28746	DATE 7/23/96
CONTACT	Mr. Cliff Baker	TURN AROUND TIME REQUIRED: 5 Working Days	
ADDRESS	COMMENTS		
CITY/STATE/ZIP	IP 061896		
PHONE	FAX	NVLAP ID # 1130	

ASBESTOS FIBERS IN WATER									
CLIENT ID	TEM NO.	CLIENT DESCRIPTION	SAMPLE TEMP. °C	SAMPLE VOLUME FILTERED	ASBESTOS STRUCTURES COUNTED	ASBESTOS STRUCTURES S/MM ²	ANALYTICAL SENSITIVITY MFL	ASBESTOS CONC. MFL	ANALYST INITIALS
061896-44	61742	Fremont Canal	19.5	2	-	-	0.4	overload	KB
061896-45	61743	919 Hunter @ Phoenix	19.0	100	1	3.9	0.008	0.008	KB
061896-46	61744	" " Oak Fountain	19.0	100	0	<3.9	0.008	<0.008	KB
061896-47	61745	Mesa & Kern - Fire Hydr	19.5	100	4	15.7	0.008	0.03	KB
061896-48	61746	" " - Asbestos P. 22A	19.1	100	1	3.9	0.008	0.008	KB
061896-49	61747	Rosewood & Mispouri - Fire Hydr	20.4	100	0	<3.9	0.008	<0.008	KB
061896-50	61748	" " - Kitecar	18.7	2	0	<3.9	0.4	<0.4	KB
061896-51	61749	Spaulding & Lantry - Fire Hydr	20.6	100	0	<3.9	0.008	<0.008	KB
061896-52	61750	" " Kitecar	20.3	100	0	<3.9	0.008	<0.008	KB
061896-53	61751	Duck	20.0	100	1	3.9	0.008	0.008	KB
061896-54	61752	Rosewood & Lantry - Fire Hydr	20.3	100	0	<3.9	0.008	<0.008	KB

NOTE: The State of Illinois Environmental Protection Agency (IEPA), as part of the USA EPA Region 5, has required analytical sensitivity for "Analytical Method for the Determination of Asbestos Fibers in Water," (U.S. EPA-600/4-83-043, September, 1983) to be 100,000 fibers per liter (0.1 MFL).

Analyzed by: John J. BakerDate: July 23, 1996

LABORATORY DATA SHEET for
WATER SAMPLES BY TEM

443 Duane Street
Glen Ellyn, IL 60137

DATE 7/23/96

TURN AROUND TIME REQUIRED: 5 Working Days

Page : COMMENTS

IP 061896

NVLAP ID # 1130

ASBESTOS FIBERS IN WATER

[illegible]

NOTE: The State of Illinois Environmental Protection Agency (IEPA), as part of the USA EPA Region 5, has required analytical sensitivity for "Analytical Method for the Determination of Asbestos Fibers in Water," (U.S. EPA-600/4-83-043, September, 1983) to be 100,000 fibers per liter (0.1 MFL).

Analyzed by:

Date:

Name: Henry D. Miller
 Date: July 23, 1914

SAMPLE TAG

CHAIN OF CUSTODY

Collected by/date: Manny Moreno Jr
 Delivered by/date: Manny Moreno Jr 6-18-96
 Received by/date: Edgar Allen 6/18/96
 Delivered by/date: _____
 Received by/date: _____

Laboratory No. 061896-44

SAMPLE INFORMATION

Requested by: John Balligan Div/Sec: 520
 Organization: EPWA Environmental Corp
 Address: Franklin Canal
 Category: IR Sampling Point: Inlet of
 Sample Type: the Franklin Canal
☒ Grab TO WATER PLANT
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Date: 6-18-96 to _____
 Collection Time: 1330 to _____
 Remarks: _____

Number of Containers	Type of Containers	Preservative Used
<u>1</u>	<u>1000 ml plastic</u>	

Analysis Requested: Asbestos

SAMPLE TAG

CHAIN OF CUSTODY

Collected by/date: Manny Moreno Jr
 Delivered by/date: Manny Moreno Jr 8-18-96
 Received by/date: Edgar Allen 8/18/96
 Delivered by/date: _____
 Received by/date: _____

Laboratory No. 061896-45

SAMPLE INFORMATION

Requested by: John Balligan Div/Sec: 520
 Organization: EPWA Environmental Corp
 Address: 919 Hunter Road
 Category: IR Sampling Point: HYDRAUNT #
 Sample Type: 4506
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Date: 9-18-96 to _____
 Collection Time: 0930 to _____
 Remarks: (PHOENIX & Hunter)

Number of Containers	Type of Containers	Preservative Used
<u>1</u>	<u>1000 ml plastic</u>	<u>ICE</u>

Analysis Requested: Asbestos

SAMPLE TAG

CHAIN OF CUSTODY

Collected by/date: Manny Moreno Jr
 Delivered by/date: Manny Moreno Jr 8-18-96
 Received by/date: Edgar Allen 8/18/96
 Delivered by/date: _____
 Received by/date: _____

Laboratory No. 061896-46

SAMPLE INFORMATION

Requested by: John Balligan Div/Sec: 520
 Organization: EPWA Environmental Corp
 Address: 919 Hunter Road
 Category: IR Sampling Point: Drinking
 Sample Type: Faucet by Gym
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Date: 9-18-96 to _____
 Collection Time: 0940 to _____
 Remarks: (1)

Number of Containers	Type of Containers	Preservative Used
<u>1</u>	<u>1000 ml plastic</u>	<u>ICE</u>

Analysis Requested: Asbestos

SAMPLE TAG

CHAIN OF CUSTODY

Collected by/date: Manny Moreno Jr
 Delivered by/date: John Ballieu 6-18-96
 Received by/date: John Ballieu 061896
 Delivered by/date: _____
 Received by/date: _____

Laboratory No. 061896-47

SAMPLE INFORMATION

Requested by: John Ballieu Div/Sec: 520
 Organization: EPWU - Environmental Comp
 Address: MESA AND KERN
 Category: IF Sampling Point: FIRE
 Sample Type: HYDRANT

Number of Containers	Type of Containers	Preservative Used
<u>1</u>	<u>1000 ml plastic</u>	

☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Date: 6-18-96 to _____
 Collection Time: 1045 to _____
 Remarks: (2)

Analysis Requested: Asbestos

SAMPLE TAG

CHAIN OF CUSTODY

Collected by/date: Manny Moreno Jr
 Delivered by/date: John Ballieu 6-18-96
 Received by/date: John Ballieu 061896
 Delivered by/date: _____
 Received by/date: _____

Laboratory No. 061896-48

SAMPLE INFORMATION

Requested by: John Ballieu Div/Sec: 520
 Organization: EPWU - Environmental Comp
 Address: MESA AND KERN
 Category: IF Sampling Point: BATHROOM
 Sample Type: SINK - ANDRES PIZZA

Number of Containers	Type of Containers	Preservative Used
<u>1</u>	<u>1000 ml plastic</u>	

☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Date: 6-18-96 to _____
 Collection Time: 1040 to _____
 Remarks: (2)

Analysis Requested: Asbestos

SAMPLE TAG

CHAIN OF CUSTODY

Collected by/date: Manny Moreno Jr
 Delivered by/date: John Ballieu 6-18-96
 Received by/date: John Ballieu 061896
 Delivered by/date: _____
 Received by/date: _____

Laboratory No. 061896-49

SAMPLE INFORMATION

Requested by: John Ballieu Div/Sec: 520
 Organization: EPWU - Environmental Comp
 Address: ROSEWOOD 3 MISSOURI
 Category: IF Sampling Point: FIRE HYDRANT
 Sample Type: #1610

Number of Containers	Type of Containers	Preservative Used
<u>1</u>	<u>1000 ml plastic</u>	

☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Date: 6-18-96 to _____
 Collection Time: 1140 to _____
 Remarks: (3)

Analysis Requested: Asbestos

SAMPLE TAG

CHAIN OF CUSTODY

Collected by/date: Manny Moreno TJ
 Delivered by/date: Manny Moreno 6-18-96
 Received by/date: John Ballieu 061896
 Delivered by/date: _____
 Received by/date: _____

Laboratory No. 061896-50

SAMPLE INFORMATION

Requested by: John Ballieu Div/Sec: 520
 Organization: ERU - Environmental Resources Corp
 Address: 2011 Missouri
 Category: IP Sampling Point: Kitchen
 Sample Type: SINK

Number of Containers	Type of Containers	Preservative Used
<u>1</u>	<u>1000 ml plastic</u>	

☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Date: 6-18-96 to _____
 Collection Time: 1130 to _____
 Remarks: (3)

Analysis Requested: Asbestos

SAMPLE TAG

CHAIN OF CUSTODY

Collected by/date: Manny Moreno TJ
 Delivered by/date: Manny Moreno 6-18-96
 Received by/date: John Ballieu 061896
 Delivered by/date: _____
 Received by/date: _____

Laboratory No. 061896-51

SAMPLE INFORMATION

Requested by: John Ballieu Div/Sec: 520
 Organization: ERU - Environmental Resources Corp.
 Address: San Jose & Kentucky
 Category: IP Sampling Point: Fire Hydrant
 Sample Type: # 2208

Number of Containers	Type of Containers	Preservative Used
<u>1</u>	<u>1000 ml plastic</u>	<u>ICE</u>

☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Date: 6-18-96 to _____
 Collection Time: 1240 to _____
 Remarks: (4)

Analysis Requested: ASBESTOS

SAMPLE TAG

CHAIN OF CUSTODY

Collected by/date: Manny Moreno TJ
 Delivered by/date: Manny Moreno 6-18-96
 Received by/date: John Ballieu 061896
 Delivered by/date: _____
 Received by/date: _____

Laboratory No. 061896-52

SAMPLE INFORMATION

Requested by: John Ballieu Div/Sec: 520
 Organization: ERU - Environmental Resources Corp.
 Address: 1790 Kentucky
 Category: IP Sampling Point: Kitchen
 Sample Type: SINK

Number of Containers	Type of Containers	Preservative Used
<u>1</u>	<u>1000 ml plastic</u>	

☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Date: 6-18-96 to _____
 Collection Time: 1230 to _____
 Remarks: (4)

Analysis Requested: Asbestos

CHAIN OF CUSTODY
Collected by/date: Manny Moreno Jr
Delivered by/date: Manny Moreno Jr 6-18-96
Received by/date: Chadwick 061896
Delivered by/date: _____
Received by/date: _____

Number of Containers	Type of Containers	Preservative Used
1	1000 ml plastic	

Analysis Requested: Asbestos

Laboratory No. 061896-53
SAMPLE INFORMATION
Requested by: John Bailey Div/Sec: 520
Organization: EPWA - Environmental Corp
Address: _____
Category: IP Sampling Point: Kitchen sink
Sample Type: Duplicate sample
☐ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
Collection Date: 6-18-96 to _____
Collection Time: _____ to _____
Remarks: (6)

SAMPLE TAG

CHAIN OF CUSTODY
Collected by/date: Manny Moreno Jr
Delivered by/date: Manny Moreno Jr 6-19-96
Received by/date: Chadwick 061896
Delivered by/date: _____
Received by/date: _____

Number of Containers	Type of Containers	Preservative Used
1	1000 ml plastic	

Analysis Requested: Asbestos

Laboratory No. 061896-54
SAMPLE INFORMATION
Requested by: John Bailey Div/Sec: 520
Organization: Environmental Corp
Address: Rainbow & Sugarland
Category: IP Sampling Point: HVAC UNIT #
Sample Type: 4633
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
Collection Date: 6-18-96 to _____
Collection Time: 1410 to _____
Remarks: (6)

SAMPLE TAG

CHAIN OF CUSTODY
Collected by/date: Manny Moreno Jr
Delivered by/date: Manny Moreno Jr 6-18-96
Received by/date: Chadwick 061896
Delivered by/date: _____
Received by/date: _____

Number of Containers	Type of Containers	Preservative Used
1	1000 ml plastic	

Analysis Requested: ASBESTOS

Laboratory No. 061896-55
SAMPLE INFORMATION
Requested by: John Bailey Div/Sec: 520
Organization: EPWA - Environmental Corp
Address: 10701 Sugarland
Category: IP Sampling Point: OUTSIDE FAUCET
Sample Type: Faucet
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
Collection Date: 6-18-96 to _____
Collection Time: 1405 to _____
Remarks: (6)

SAMPLE TAG

CHAIN OF CUSTODY
Collected by/date: Chadwick 061896
Delivered by/date: Chadwick 061896
Received by/date: Chadwick 061896
Delivered by/date: _____
Received by/date: _____

Number of Containers	Type of Containers	Preservative Used
1	2 Cube	4°C

Analysis Requested: Asbestos

Laboratory No. 061896-56
SAMPLE INFORMATION
Requested by: J. Bailey Div/Sec: 520
Organization: EPWA
Address: 11700 Railroad
Category: IP Sampling Point: DE TR
Sample Type: Blank
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
Collection Date: 061896 to _____
Collection Time: 1415 to _____
Remarks: Blank

TEM, Incorporated

NIST-NVLAP	TEM Air Samples	1130
NIST-NVLAP	Bulk Sample Analysis	1130
NIOSH-PAT	PCM Fiber Count	60126-001
AIHA-AAR	PCM Analyst	60126-001

443 Duane Street, Glen Ellyn, Illinois 60137 Phone (708) 790-0880 Fax (708) 790-0882

July 7, 1995

Mr. Cliff Baker
Continental Analytical Services, Inc.
1804 Glendale Road
Salina, Kansas 67401

Re: Asbestos in Potable Water: CAS Project #ASB062095
TEM Project 27374

Dear Mr. Baker:

The attached laboratory report summarizes the results of the transmission electron microscopic analyses of the water samples submitted by your company. The samples were analyzed following procedures contained in the EPA's "Analytical Method for Determination of Asbestos Fibers in Water" by Eric J. Chatfield et. al. (EPA #100.1 600/4-83-043).

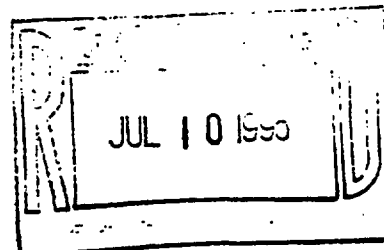
Please note that to achieve an analytical sensitivity of less than or equal to 0.01 million fibers per liter (MFL) it is necessary to filter 100mL of the original sample through a polycarbonate filter. This often results in filters that are overloaded with particulate material. Therefore, smaller volumes of filtered water are required to obtain a "readable" sample.

Whenever possible our laboratory filtered 100mL's of the submitted sample. When 100mL resulted in overloaded filter samples, TEM, Inc. was obliged to filter 50mL, 25mL, 5mL or even 1mL of the submitted sample. Obviously the reduction in filterable water reduces the analytical sensitivity (limit of detection).

This report applies only to samples tested.

Sincerely,
TEM, Incorporated


Karen Buehler
Laboratory Manager



TEM, Incorporated

443 Duane Street
Glen Ellyn, IL 60137

Phone (708) 790-0880
Fax (708) 790-0882

LABORATORY DATA SHEET
WATER SAMPLES BY TEM

CLIENT Inc.	Continental Analyticas Services,	TEM PROJECT # 27374	DATE 7/7/95
CONTACT	Cliff Baker	TURN AROUND TIME REQUIRED: 5 Working Days	
ADDRESS	COMMENTS		
CITY/STATE/ZIP	CAS Project #ASB062095		
PHONE	FAX	NVLAP ID # 1130	

ASBESTOS FIBERS IN WATER									
CLIENT ID	TEM NO.	CLIENT DIRECTIVE	SAMPLE TEMP. °C	SAMPLE VOLUME FILTERED	ASBESTOS STRUCTURES COUNTED	ASBESTOS STRUCTURES S/MM ²	ANALYTICAL SENSITIVITY MFL	ASBESTOS CONC. MFL	ANALYST INITIALS
DW061995-45	54176	Stop Analysis	17.8	100 ml	0	<13.8	0.03	<0.03	KB
DW061995-46	54177	Stop Analysis	17.8	100 ml	asbestos observed				
DW061995-47	54178	Analyze	15.7	10 ml	sample rejected (see Note #1 below)				
DW061995-48	54179	Analyze	15.0	100 ml	0	<5.2	0.01	<0.01	BP
DW061995-49	54180	analyze	13.6	100 ml	0	<4.9	0.01	<0.01	BP
DW061995-50	54181	Analyze	12.7	100 ml	0	<5.2	0.01	<0.01	BP
DW061995-51	54182	Analyze	8.0	25 ml	0	<4.9	0.04	<0.04	BP
DW061995-53	54813	Stop Analysis	15.1	25 ml	Asbestos Observed				
DW061995-52	54814	Analyze	12.4	100 ml	0	<4.9	0.01	<0.01	BP
		TEM, Inc. - Lab Blank	-	100 ml	0	<4.6	0.01	<0.01	BP

NOTE: The State of Illinois Environmental Protection Agency (IEPA), as part of the USA EPA Region 5, has required analytical sensitivity for "Analytical Method for the Determination of Asbestos Fibers in Water," (U.S. EPA-600/4-83-043, September, 1983) to be 100,000 fibers per liter (0.1 MFL).

Analyzed by: Bruce Tenney Date: 6/25/95 and 7/6/95

NOTE #1: Sample overloaded, even at decreased volume filtered (i.e. 10 mls not 100 mls) plus sample contained pieces of filter material.

CHAIN OF CUSTODY

Collected by/date: RBD 061995
 Delivered by/date: RBD 061995
 Received by/date: RBD 061995
 Delivered by/date: _____
 Received by/date: _____

Laboratory No. 061995-45

SAMPLE INFORMATION

Requested by: J. Ballieu Div/Sec: 520
 Organization: Equi/Env. Comp
 Address: _____
 Category: 0 Sampling Point: DI Water
 Sample Type: Membrane Filtered

Number of Containers	Type of Containers	Preservative Used
1	120ml Glass	N/A

☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted

Collection Date: 061995 to _____Collection Time: 1300 to _____Remarks: BlankAnalysis Requested: Asbestos

SAMPLE TAG

CHAIN OF CUSTODY

Collected by/date: Mary Moreno SJ
 Delivered by/date: Mary Moreno 6-19-95
 Received by/date: 6-19-95
 Delivered by/date: _____
 Received by/date: _____

Laboratory No. 061995-46

SAMPLE INFORMATION

Requested by: John Pollack Div/Sec: 520
 Organization: Associated - Missouri
 Address: _____
 Category: IP Sampling Point: HYDRAUT #
 Sample Type: 1610

Number of Containers	Type of Containers	Preservative Used
2	1000 ml amber glass	ACE

☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted

Collection Date: 6-19-95 to _____Collection Time: 1255 to _____Remarks: DuplicateAnalysis Requested: Asbestos

SAMPLE TAG

CHAIN OF CUSTODY

Collected by/date: Mary Moreno SJ
 Delivered by/date: Mary Moreno 6-19-95
 Received by/date: 6-19-95
 Delivered by/date: _____
 Received by/date: _____

Laboratory No. 061995-47

SAMPLE INFORMATION

Requested by: John Ballieu Div/Sec: 520
 Organization: Franklin Canal
 Address: _____
 Category: IP Sampling Point: INFLUENT TO CANAL PLANT
 Sample Type: CANAL PLANT

Number of Containers	Type of Containers	Preservative Used
1	1000 ml amber glass	ACE

☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted

Collection Date: 6-19-95 to _____Collection Time: 1225 to _____

Remarks: _____

Analysis Requested: Asbestos

SAMPLE TAG

CHAIN OF CUSTODY

Laboratory No. 061995-48

Collected by/date: Walter McLean Jr
 Delivered by/date: John Bullen 6-19-95
 Received by/date: John Bullen 061995
 Delivered by/date: _____
 Received by/date: _____

SAMPLE INFORMATION

Requested by: John Bullen Div/Sec: 520
 Organization: ROUNDERICK AND SARGENT
 Address: _____
 Category: IF Sampling Point: HYDRANT #
 Sample Type: 4633
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Date: 6-19-95 to _____
 Collection Time: 1715 to _____
 Remarks: _____

Number of Containers	Type of Containers	Preservative Used
<u>1</u>	<u>1000 mL amber glass</u>	<u>ICE</u>

Analysis Requested: Asbestos

SAMPLE TAG

CHAIN OF CUSTODY

Laboratory No. 061995-49

Collected by/date: Walter McLean Jr
 Delivered by/date: John Bullen 6-19-95
 Received by/date: John Bullen 061995
 Delivered by/date: _____
 Received by/date: _____

SAMPLE INFORMATION

Requested by: John Bullen Div/Sec: 520
 Organization: MESA AND KERN
 Address: _____
 Category: IF Sampling Point: HYDRANT #
 Sample Type: 4605
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Date: 6-19-95 to _____
 Collection Time: 1205 to _____
 Remarks: _____

Number of Containers	Type of Containers	Preservative Used
<u>1</u>	<u>1000 mL amber glass</u>	<u>ICE</u>

Analysis Requested: Asbestos

SAMPLE TAG

CHAIN OF CUSTODY

Laboratory No. 061995-50

Collected by/date: Walter McLean Jr
 Delivered by/date: John Bullen 6-19-95
 Received by/date: John Bullen 061995
 Delivered by/date: _____
 Received by/date: _____

SAMPLE INFORMATION

Requested by: John Bullen Div/Sec: 520
 Organization: PHOENIX AND HUNTER
 Address: 2nd Comm. College
 Category: IF Sampling Point: HYDRANT #
 Sample Type: 4506
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Date: 6-19-95 to _____
 Collection Time: 1415 to _____
 Remarks: _____

Number of Containers	Type of Containers	Preservative Used
<u>1</u>	<u>1000 mL amber glass</u>	<u>ICE</u>

Analysis Requested: Asbestos

SAMPLE TAG

CHAIN OF CUSTODY

Laboratory No. 061995-51Collected by/date: Manny Munoz 6-19-95

SAMPLE INFORMATION

Delivered by/date: Manny Munoz 6-19-95Requested by: John P. Miller Div/Sec: 520Received by/date: R. B. Batten 061995Organization: San Jose, Kentucky

Delivered by/date: _____

Address: _____

Received by/date: _____

Category: E1 Sampling Point: Hydramat #Sample Type: 2208

Number of Containers	Type of Containers	Preservative Used
1	100 ml amber glass	ICE

☒ Grab☐ Composite/Flow Proportional☐ Composite/Time WeightedCollection Date: 6-19-95 to _____Collection Time: 13:30 to _____

Remarks: _____

Analysis Requested: Asbestos

SAMPLE TAG

CHAIN OF CUSTODY

Laboratory No. 061995-52Collected by/date: R. B. Batten 062095

SAMPLE INFORMATION

Delivered by/date: R. B. Batten 062095Requested by: J. Ballieu Div/Sec: 520Received by/date: R. B. Batten 062095Organization: EDU V / Env Comp.

Delivered by/date: _____

Address: Western Skies & Pine

Received by/date: _____

Category: 0 Sampling Point: CW #1

Sample Type: _____

Number of Containers	Type of Containers	Preservative Used
1	950 ml amber glass	—

☒ Grab☐ Composite/Flow Proportional☐ Composite/Time WeightedCollection Date: 062095 to _____Collection Time: 08:30 to _____

Remarks: _____

Analysis Requested: Asbestos

SAMPLE TAG

CHAIN OF CUSTODY

Laboratory No. 061995-53Collected by/date: Manny Munoz 061995

SAMPLE INFORMATION

Delivered by/date: Manny Munoz 061995Requested by: J. Ballieu Div/Sec: _____Received by/date: R. B. Batten 061995Organization: Envu Corp RI

Delivered by/date: _____

Address: _____

Received by/date: _____

Category: 0 Sampling Point: Hydramat 1410

Sample Type: _____

Number of Containers	Type of Containers	Preservative Used
1	12 Amber Glass	N/A

☒ Grab☐ Composite/Flow Proportional☐ Composite/Time WeightedCollection Date: 061995 to _____Collection Time: 12:55 to _____Remarks: duplicate of 061995-46Analysis Requested: Asbestos

TEM, Incorporated

NIST-NVLAP	TEM Air Samples	1130
NIST-NVLAP	Bulk Sample Analysis	1130
NIOSH-PAT	PCM Fiber Count	60126-001
AIHA-AAR	PCM Analyst	60126-001

443 Duane Street, Glen Ellyn, Illinois 60137 Phone (708) 790-0880 Fax (708) 790-0882

July 13, 1995

Ms. Doreen Simpson
Continental Analytical Services, Inc.
1804 Glendale Road
Salina, Kansas 67401

Re: Asbestos in Potable Water: ASB070695
TEM Project 27442

Dear Ms. Simpson:

The attached laboratory report summarizes the results of the transmission electron microscopic analyses of the water samples submitted by your company. The samples were analyzed following procedures contained in the EPA's "Analytical Method for Determination of Asbestos Fibers in Water" by Eric J. Chatfield et. al. (EPA #100.1 600/4-83-043).

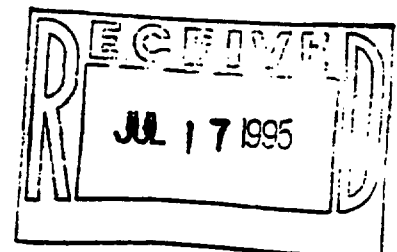
Please note that to achieve an analytical sensitivity of less than or equal to 0.01 million fibers per liter (MFL) it is necessary to filter 100mL of the original sample through a polycarbonate filter. This often results in filters that are overloaded with particulate material. Therefore, smaller volumes of filtered water are required to obtain a "readable" sample.

Whenever possible our laboratory filtered 100mL's of the submitted sample. When 100mL resulted in overloaded filter samples, TEM, Inc. was obliged to filter 50mL, 25mL, 5mL or even 1mL of the submitted sample. Obviously the reduction in filterable water reduces the analytical sensitivity (limit of detection).

This report applies only to samples tested.

Sincerely,
TEM, Incorporated


Karen Buehler
Laboratory Manager



SAMPLE TAG

CHAIN OF CUSTODY

Laboratory No. 070695-38

Collected by/date: W.D. 070695
 Delivered by/date: W.D. 070695
 Received by/date: W.D. 070695
 Delivered by/date: W.D. 070695
 Received by/date: W.D. 070695

SAMPLE INFORMATION

Requested by: W.D. 070695 Div/Sec: 525
 Organization: EDW/JFH/EP
 Address: 1700 Railroad Ave
 Category: FT Sampling Point: ST A20
 Sample Type:

Number of Containers	Type of Containers	Preservative Used
1	1L Amber	—

☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted

Collection Date: 070695 toCollection Time: 1030 to

Remarks: _____

Analysis Requested: Asbestos

SAMPLE TAG

CHAIN OF CUSTODY

Laboratory No. 070695-39

Collected by/date: Manny Morcillo J.
 Delivered by/date: John M. Campbell 7-6-95
 Received by/date: W.D. 070695
 Delivered by/date: _____
 Received by/date: _____

SAMPLE INFORMATION

Requested by: John Buller Div/Sec: 520
 Organization: _____

Address: _____
 Category: IT Sampling Point: FIRE HYDRANT

Sample Type: AT ROSEWOOD AND MISSOURI
☒ Grab

☐ Composite/Flow Proportional
☐ Composite/Time Weighted

Collection Date: 7-6-95 toCollection Time: 12:00 to

Remarks: _____

Number of Containers	Type of Containers	Preservative Used
1	1000 mL Amber glass	

Analysis Requested: Asbestos

SAMPLE TAG

CHAIN OF CUSTODY

Laboratory No. 070695-40

Collected by/date: W.D. 070695
 Delivered by/date: W.D. 070695
 Received by/date: W.D. 070695
 Delivered by/date: W.D. 070695
 Received by/date: W.D. 070695

SAMPLE INFORMATION

Requested by: W.D. 070695 Div/Sec: 525Organization: EDW/JFH/EPAddress: 1700 Railroad AveCategory: FT Sampling Point: CD#2

Sample Type:

Number of Containers	Type of Containers	Preservative Used
1	1L Amber	—

☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted

Collection Date: 070695 toCollection Time: 1020 to

Remarks: _____

Analysis Requested: Asbestos

TEM, Incorporated

443 Duane Street
Glen Ellyn, IL 60137

Phone (708) 790-0880
Fax (708) 790-0862

LABORATORY DATA SHEET for
WATER SAMPLES BY TEM

CLIENT Continental Analytical Services	TEM PROJECT # 25756	DATE June 9, 1994
CONTACT Doreen L. Simpson	TURN AROUND TIME REQUIRED 5 days	
ADDRESS 1804 Glendale	COMMENTS - CONTACT LAB IMMEDIATELY UPON RECEIPT	
CITY/STATE/ZIP Salina, Kansas 67401-6675		
PHONE 1-800-535-3076	FAX (913) 823-7830	NVLAP ID # 1130

CLIENT ID	TEM NO.	CLIENT DESCRIPTION	SAMPLE TEMP. °C	SAMPLE VOLUME FILTERED	ASBESTOS STRUCTURES COUNTED	ASBESTOS STRUCTURES PER MM2	ANALYTICAL SENSITIVITY MFL	ASBESTOS CONC. MFL	ANALYST INITIALS	GRID OPENINGS	ASBESTOS FIBER LENGTH	PASS/FAIL
060894-48	43523	potable water	23.0	50 ml	44 (Chry)	3698	0.3	14.8	JT	1	44>10µm	Fail ¹
060894-49	43524	potable water	22.8	50 ml	overloaded	-	-	-	JT	-	NA	Reprep ²
060894-49	43524	potable water	22.8	2 ml	0	7	8.40	<8.40	BP	12	NA	Fail ³
060894-50	43525	potable water	21.8	50 ml	0	<14.0	0.06	<0.06	JT	6	<10µm	Pass
060894-51	43526	potable water	22.5	50 ml	overloaded	-	-	-	JT	-	NA	Reprep ²
060894-51	43526	potable water	22.5	2 ml	0	7	8.40	<8.40	BP	12	NA	Fail ⁴
060894-52	43527	potable water	21.7	50 ml	0	<14.0	0.06	<0.06	JT	6	<10µm	Pass
060894-53	43528	potable water	20.8	50 ml	1 (Chry)	14.0	0.06	0.06	JT	6	<1, >10µm	Pass
060894-54	43529	potable water	19.5	50 ml	0	<14.0	0.06	<0.06	JT	6	NA	Pass
060894-55	43530	potable water	16.6	50 ml	0	<14.0	0.06	<0.06	JT	6	NA	Pass
060894-56	43531	potable water	18.0	50 ml	0	<14.0	0.06	<0.06	JT	6	NA	Pass

NOTE: Approximately 800 mL of sample should be taken in 1 liter bottles. Glass sampling bottles are preferable to plastic. If plastic bottles are used, polyethylene is better than polypropylene. Do not use acid or mercuric chloride as a preservative. Send samples next day morning delivery so that TEM, Inc. can filter samples within 48 hrs of collection. Samples should be sent in the dark at 4°C.

NOTE: The required analytical sensitivity for "Analytical Method for the Determination of Asbestos Fibers in Water," (U.S. EPA-600/4-83-043, September, 1983) is 200,000 fibers per liter (0.2 MFL).

1 Sample exceeded action level of 7 MFL. New sample is requested.

2 Sample overloaded with particulate material. Sample needs to be reprepared.

3 The sample was diluted and reprepared. Loading is moderate. No asbestos observed. The analytical sensitivity is high, thus a new sample is requested.

4 The sample was diluted and reprepared. Sample is still overloaded. A new sample is needed for analysis.

RELINQUISHED (SIGNATURE)	DATE / TIME	RECEIVED BY (SIGNATURE)	DATE / TIME
RELINQUISHED (SIGNATURE)	DATE / TIME	ANALYZED BY (SIGNATURE) <i>Bruce Perry</i>	DATE / TIME <i>July 2 16, 1994</i>

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY
 Collected by (1) Manny Moreno Jr.
 (2) _____
 (3) _____
 Delivered by/Date 6-8-94
 Received by/Date P. Flesher 060894
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. 060894-49
 SAMPLE INFORMATION
 Requested by: John Ballieu Div/Sec: 520
 Organization: EPWU/Env. Comp.
 Address: ROSEWOOD AND MISSOURI
 Category: SPD Sampling Point: HYDRANT
 Sample Type: # 1810
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Time: 0600 to _____
 Collection Date: 6-8-94 to _____
 Preservative Used: _____

Special Instructions/Remarks: _____

Analyses Requested: _____

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY
 Collected by (1) Manny Moreno Jr.
 (2) _____
 (3) _____
 Delivered by/Date 6-8-94
 Received by/Date P. Flesher 060894
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. 060894-49
 SAMPLE INFORMATION
 Requested by: John Ballieu Div/Sec: 520
 Organization: EPWU/Env. Comp.
 Address: SAN JOSE AND KENTUCKY
 Category: SPD Sampling Point: HYDRANT
 Sample Type: # 2208
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Time: 0735 to _____
 Collection Date: 6-8-94 to _____
 Preservative Used: _____

Special Instructions/Remarks: _____

Analyses Requested: _____

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY
 Collected by (1) Manny Moreno Jr.
 (2) _____
 (3) _____
 Delivered by/Date 6-8-94
 Received by/Date P. Flesher 060894
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. 060894-50
 SAMPLE INFORMATION
 Requested by: John Ballieu Div/Sec: 520
 Organization: EPWU/Env. Comp.
 Address: MESA AND KERN
 Category: SPD Sampling Point: HYDRANT
 Sample Type: # 4635
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Time: 0700 to _____
 Collection Date: 6-8-94 to _____
 Preservative Used: _____

Special Instructions/Remarks: _____

Analyses Requested: _____

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY
 Collected by (1) Manny Moreno Jr
 (2) _____
 (3) _____
 Delivered by/Date Manny Moreno Jr 6-8-94
 Received by/Date P. Flesher 6-8-94
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. 060594 - 51

SAMPLE INFORMATION
 Requested by: JOHN BAILIEW Div/Sec: 520
 Organization: FRANKLIN CANAL
 Address: EPWU/Env Consl
 Category: SP O Sampling Point: FRANKLIN
 Sample Type: CANAL PLANT INTAKE
☒ Grab
 Composite/Flow Proportional _____
 Composite/Time Weighted _____
 Collection Time: 0625 to _____
 Collection Date: 6-8-94 to _____
 Preservative Used: _____

Special Instructions/Remarks: _____
 Analyses Requested: _____

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY
 Collected by (1) Manny Moreno Jr
 (2) _____
 (3) _____
 Delivered by/Date Manny Moreno Jr 6-8-94
 Received by/Date P. Flesher 6-8-94
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. 060894 - 52

SAMPLE INFORMATION
 Requested by: JOHN BAILIEW Div/Sec: 520
 Organization: EPWU/Env Consl
 Address: ROUND ROCK AND SUGARLAND
 Category: SP O Sampling Point: HYDRANT
 Sample Type: # 4633
☒ Grab
 Composite/Flow Proportional _____
 Composite/Time Weighted _____
 Collection Time: 0850 to _____
 Collection Date: 6-8-94 to _____
 Preservative Used: _____

Special Instructions/Remarks: _____
 Analyses Requested: _____

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY
 Collected by (1) Manny Moreno Jr
 (2) _____
 (3) _____
 Delivered by/Date Manny Moreno Jr 6-8-94
 Received by/Date P. Flesher 6-8-94
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. 060694 - 53

SAMPLE INFORMATION
 Requested by: JOHN BAILIEW Div/Sec: 520
 Organization: EPWU/Env Consl
 Address: PHOENIX AND HUNTER
 Category: SP O Sampling Point: HYDRANT
 Sample Type: #
☒ Grab
 Composite/Flow Proportional _____
 Composite/Time Weighted _____
 Collection Time: 0820 to _____
 Collection Date: 6-8-94 to _____
 Preservative Used: _____

Special Instructions/Remarks: _____
 Analyses Requested: _____

CHAIN OF CUSTODY
Collected by (1) _____
(2) _____
(3) R B D
Delivered by/Date Ruben Beltran 060594
Received by/Date P. Flesherman 060594
Delivered by/Date _____
Received by/Date _____
Delivered by/Date _____
Received by/Date _____
Delivered by/Date _____
Received by/Date _____

Date/Lab No. 060894-56

SAMPLE INFORMATION
Requested by: J. Ballieu Div/Sec: _____
Organization: EPWU/Env Comp
Address: Central Lab/11700 RR
Category: 0 Sampling Point: Tap water
Sample Type:
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
Collection Time: 0940 to _____
Collection Date: 060594 to _____
Preservative Used: _____

Special Instructions/Remarks: _____
Analyses Requested: _____

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY
Collected by (1) Monny Molero Jr
(2) _____
(3) [Signature]
Delivered by/Date 6-8-99
Received by/Date P. Flesherman 060594
Delivered by/Date _____
Received by/Date _____
Delivered by/Date _____
Received by/Date _____
Delivered by/Date _____
Received by/Date _____

Date/Lab No. 060894-54

SAMPLE INFORMATION
Requested by: John Ballieu Div/Sec: S20
Organization: EPWU/Env Comp
Address: DUPLICATE
Category: 0 Sampling Point: _____
Sample Type:
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
Collection Time: 0800 to _____
Collection Date: 6-8-99 to _____
Preservative Used: ICE

Special Instructions/Remarks: _____
Analyses Requested: _____

(Phoen. x 8 Hunter)

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY
Collected by (1) _____
(2) R B D
(3) _____
Delivered by/Date Ruben Beltran 060594
Received by/Date P. Flesherman 060594
Delivered by/Date _____
Received by/Date _____
Delivered by/Date _____
Received by/Date _____
Delivered by/Date _____
Received by/Date _____

Date/Lab No. 060894-55

SAMPLE INFORMATION
Requested by: J. Ballieu Div/Sec: _____
Organization: EPWU/Env Comp
Address: Central Lab/11700 RR
Category: 0 Sampling Point: DI Water
Sample Type:
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
Collection Time: 0930 to _____
Collection Date: 060594 to _____
Preservative Used: _____

Special Instructions/Remarks: DI water Black
Analyses Requested: _____

**LABORATORY DATA SHEET for
WATER SAMPLES BY TEM**

[illegible]

CHAIN OF CUSTODY

Collected by (1) MARY MORENO JI

(2) [Signature]

Delivered by/Date [Signature] 6-22-94

Received by/Date [Signature] 6-22-94

Delivered by/Date _____

Received by/Date _____

Delivered by/Date _____

Received by/Date _____

Delivered by/Date _____

Received by/Date _____

Special Instructions/Remarks: As best as

Analyses Requested: _____

Date/Lab No. 062294 - 62

SAMPLE INFORMATION

Requested by: JOHN SALLIETH Div/Sec: 520

Organization: ROSEMONT & MILWAUKEE

Address: HYDRANT # 1810

Category: IRP Sampling Point: Hydrant

Sample Type:

☒ Grab

☐ Composite/Flow Proportional

☐ Composite/Time Weighted

Collection Time: 00 to _____

Collection Date: 6-22-94 to _____

Preservative Used: ICE

TEM, Incorporated

443 Duane Street, Glen Ellyn, IL 60137
(708) 790-0880

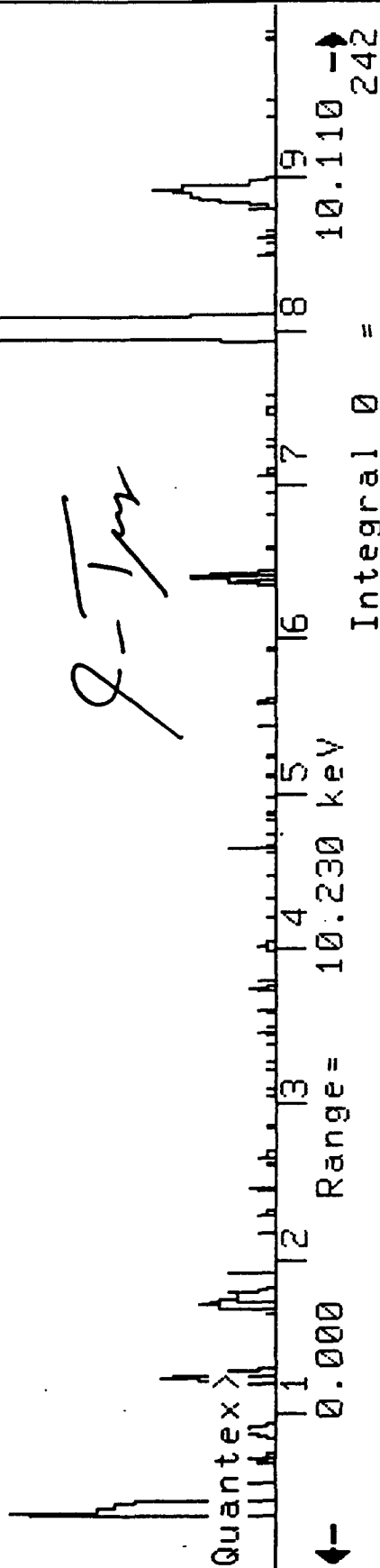
29-Jun-1994 07:53:24

Vert= 100 counts Disp= 1
Client: CAS Lab: 44282

Preset= 20 secs
Elapsed= 20 secs
Grid Open.: 18 Struct. #: 1

	Counts/Sec	Counts/Counts-Si	Window	%
Na	0.00	0.00		0.00
Mg	2.55	6.30		26.02
Al	0.00	0.00		0.00
Si	4.05	10.00		41.33
K	0.00	0.00		0.00
Ca	0.65	1.60		6.63
Mn	0.10	0.25		1.02
Fe	2.45	6.05		25.00

← Excess Fe
due to rust
in water



LABORATORY DATA SHEET FOR
WATER SAMPLES BY TEN

CLIENT	Continental Analytical Services	TEM PROJECT #	25906	DATE	6/29/94
CONTACT	Doreen Simpson	TURN AROUND TIME REQUIRED	5 days		
ADDRESS	1804 Glendale	COMMENTS -	CONTACT LAB IMMEDIATELY UPON RECEIPT		
CITY/STATE/ZIP	Salina, KS 67401	Project:	#IPO62894	Project Name:	IPT/ASB
PHONE		FAX		NTLAP ID #	1130

[illegible]

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY

Collected by (1) Merry Moreno Jr

(2) _____

(3) _____

Delivered by/Date Merry Moreno Jr 6-23-94

Received by/Date JP Flores 062894

Delivered by/Date _____

Received by/Date _____

Delivered by/Date _____

Received by/Date _____

Delivered by/Date _____

Received by/Date _____

Special Instructions/Remarks: As before

Analyses Requested: As before

Date/Lab No. 062894-53

SAMPLE INFORMATION

Requested by: John Bellon Div/Sec: S20

Organization: STAR OFFICE

Address: 2401 Mission

Category: IP Sampling Point: THP

Sample Type: Grab

☒ Grab

☐ Composite/Flow Proportional

☐ Composite/Time Weighted

Collection Time: 1940 to _____

Collection Date: 6-23-94 to _____

Preservative Used: ICE

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY
Collected by (1) Manny Moreno Sr. / Rudy Pena Date/Lab No. 071894-65
(2) _____
(3) _____
Delivered by/Date 7-18-94
Received by/Date 7-18-94
Delivered by/Date _____
Received by/Date _____
Delivered by/Date _____
Received by/Date _____
Delivered by/Date _____
Received by/Date _____
Special Instructions/Remarks: _____
Analyses Requested: Asbestos

SAMPLE INFORMATION
Requested by: John Ballieu Div/Sec: 520
Organization: HYDRANT # 2208
Address: SAN JOSE & KENTUCKY
Category: IF Sampling Point: FIRE
Sample Type: HYDRANT # 2208
☒ Grab
____ Composite/Flow Proportional
____ Composite/Time Weighted
Collection Time: 1140 to _____
Collection Date: 7-18-94 to _____
Preservative Used: ICE

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY
Collected by (1) Manny Moreno Sr. / Rudy Pena Date/Lab No. 071894-66
(2) _____
(3) _____
Delivered by/Date 7-18-94
Received by/Date 7-18-94
Delivered by/Date _____
Received by/Date _____
Delivered by/Date _____
Received by/Date _____
Delivered by/Date _____
Received by/Date _____
Special Instructions/Remarks: _____
Analyses Requested: Asbestos

SAMPLE INFORMATION
Requested by: John Ballieu Div/Sec: 520
Organization: JONATHAN ROGERS W.T.P.
Address: 10000 South 575 Road
Category: IF Sampling Point: RAW
Sample Type: Influent
☒ Grab
____ Composite/Flow Proportional
____ Composite/Time Weighted
Collection Time: 1600 to _____
Collection Date: 7-18-94 to _____
Preservative Used: ICE

Westmont, NJ 609-858-4800 Piscataway, NJ 908-981-0550 Smyrna, GA 404-333-6066 Ann Arbor, MI 313-668-6810 San Mateo, CA 415-570-5401 Melbourne, FL 407-253-4224

EMSL

Wednesday, October 14, 1993

El Paso Water Utilities
Public Service Board
1154 Hawkins Blvd.
El Paso, Tx, 79925

Attention: Roberto Luna

ASBESTOS FIBER ANALYSIS in WATER by TRANSMISSION ELECTRON MICROSCOPY(TEM)
SELECTIVE AREA ELECTRON DIFFRACTION (SAED) and ENERGY DISPERSIVE
X-RAY MICROANALYSIS (EDX)

Project: O 092293

ANALYTICAL RESULTS

SAMPLE ID	#ASBESTOS FIBERS	#NON-ASBESTOS FIBERS	TYPE(S) OF ASBESTOS	CONCENTRATION OF ASBESTOS FIBERS (millions/liter)		DETECTION LIMIT (millions/liter)
				> 10 μ m	> 0.5 μ m	
092293-56	0	0	None Detected	<0.74	<0.74	0.20
092293-57	0	0	None Detected	<0.74	<0.74	0.20
092293-58	0	0	None Detected	<0.74	<0.74	0.20
092293-59	0	0	None Detected	<0.74	<0.74	0.20
092293-60	0	0	None Detected	<0.74	<0.74	0.20
092293-61	0	0	None Detected	<0.74	<0.74	0.20
092293-62	0	0	None Detected	<0.74	<0.74	0.20
092293-63	0	0	None Detected	<0.74	<0.74	0.20

Peter Frasca, Ph.D.
President

DFI
Analyst

JN
QC Analyst

R. K. Mahoney
Laboratory
Supervisor



Westmont, NJ Piscataway, NJ Smyrna, GA Ann Arbor, MI San Mateo, CA Melbourne, FL
609-858-4800 908-981-0550 404-333-6066 313-668-6810 415-570-5401 407-253-4224

EMSL

Wednesday, October 14, 1993

El Paso Water Utilities
Public Service Board
1154 Hawkins Blvd.
El Paso, Tx, 79925

Attention: Roberto Luna

ASBESTOS FIBER ANALYSIS in WATER by TRANSMISSION ELECTRON MICROSCOPY(TEM)
SELECTIVE AREA ELECTRON DIFFRACTION (SAED) and ENERGY DISPERSIVE
X-RAY MICROANALYSIS (EDX)

Project: O 092293

ANALYTICAL RESULTS

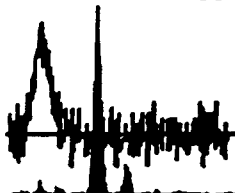
SAMPLE ID	#ASBESTOS FIBERS	#NON-ASBESTOS FIBERS	TYPE(S) OF ASBESTOS	CONCENTRATION OF ASBESTOS FIBERS (millions/liter)		DETECTION LIMIT (millions/liter)
				> 10 μ m	> 0.5 μ m	
092293-64	0	0	None Detected	<0.74	<0.74	0.20
EMSL Blank	0	0	None Detected	<0.55	<0.55	0.15
092293-56QC	0	0	None Detected	<0.74	<0.74	0.20

Peter Frasca, Ph.D.
President

DFL
Analyst

JN
QC Analyst

R. K. Mahoney
Laboratory
Supervisor



Wednesday, October 14, 1993

El Paso Water Utilities
Public Service Board
1154 Hawkins Blvd.
El Paso, Tx, 79925

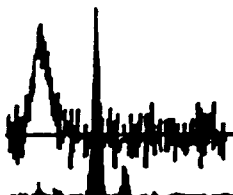
Attention: Roberto Luna

ASBESTOS FIBER ANALYSIS in WATER by TRANSMISSION ELECTRON MICROSCOPY(TEM)
SELECTIVE AREA ELECTRON DIFFRACTION (SAED) and ENERGY DISPERSIVE
X-RAY MICROANALYSIS (EDX)

Project: O 092293

SAMPLING DATA

Sample ID	Date	Time	Sampler	Analysis Date
092293-56	092293	1210	Jonathan Rogers	100993
092293-57	092293	1235	Jonathan Rogers	100993
092293-58	092293	1340	Jonathan Rogers	100993
092293-59	092293	1140	Jonathan Rogers	100993
092293-60	092293	1405	Jonathan Rogers	100993
092293-61	092293	1115	Jonathan Rogers	100993
092293-62	092293	1040	Jonathan Rogers	100993
092293-63	092293	1045	Jonathan Rogers	100993
092293-64	092293	1435	Jonathan Rogers	100993



SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY
 Collected by (1) Manny Moreno Jr
 (2) _____
 (3) _____
 Delivered by/Date Manny Moreno 9-22-93
 Received by/Date P. Freshman 092293
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. 092293-56
 SAMPLE INFORMATION
 Requested by: John BAILIEW Div/Sec: 520
 Organization: CANAL PLANT #1
 Address: _____
 Category: IPO Sampling Point: Influent
 Sample Type: _____
☒ Grab
 _____ Composite/Flow Proportional
 _____ Composite/Time Weighted
 Collection Time: 1210 to _____
 Collection Date: 9-22-93 to _____
 Preservative Used: ICE

Special Instructions/Remarks: _____
 Analyses Requested: Asbestos

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY
 Collected by (1) Manny Moreno Jr
 (2) _____
 (3) _____
 Delivered by/Date Manny Moreno 9-22-93
 Received by/Date P. Freshman 092293
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. 092293-57
 SAMPLE INFORMATION
 Requested by: John BAILIEW Div/Sec: 520
 Organization: MESA & KERN #2
 Address: _____
 Category: IPO Sampling Point: FIRE
 Sample Type: _____
☒ Grab
 _____ Composite/Flow Proportional
 _____ Composite/Time Weighted
 Collection Time: 1235 to _____
 Collection Date: 9-22-93 to _____
 Preservative Used: ICE

Special Instructions/Remarks: _____
 Analyses Requested: Asbestos

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY
 Collected by (1) Manny Moreno Jr
 (2) _____
 (3) _____
 Delivered by/Date Manny Moreno 9-22-93
 Received by/Date P. Freshman 092293
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. 092293-58
 SAMPLE INFORMATION
 Requested by: John BAILIEW Div/Sec: 520
 Organization: SAN JOSE & KENTUCKY
 Address: _____
 Category: IPO Sampling Point: FIRE
 Sample Type: _____
☒ Grab
 _____ Composite/Flow Proportional
 _____ Composite/Time Weighted
 Collection Time: 1340 to _____
 Collection Date: 9-22-93 to _____
 Preservative Used: ICE

Special Instructions/Remarks: _____
 Analyses Requested: Asbestos

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY
 Collected by (1) Manny Morero Jr
 (2) _____
 (3) _____
 Delivered by/Date Manny Morero Jr 9-22-93
 Received by/Date P. Fleishman 092293
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. 092293-59
 SAMPLE INFORMATION
 Requested by: John Ballieu Div/Sec: S20
 Organization: ROSEWOOD AND MISSOURI
 Address: _____
 Category: IPO Sampling Point: FIRE #4
 Sample Type: HYDRANT
☒ Grab
 _____ Composite/Flow Proportional
 _____ Composite/Time Weighted
 Collection Time: 1140 to _____
 Collection Date: 9-22-93 to _____
 Preservative Used: ICE

Special Instructions/Remarks: _____
 Analyses Requested: Asbestos

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY
 Collected by (1) Manny Morero Jr
 (2) _____
 (3) _____
 Delivered by/Date Manny Morero Jr 9-22-93
 Received by/Date P. Fleishman 092293
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. 092293-60
 SAMPLE INFORMATION
 Requested by: John Ballieu Div/Sec: S20
 Organization: ROUNDROCK & SUGAR LAND
 Address: _____
 Category: IPO Sampling Point: FIRE #5
 Sample Type: HYDRANT
☒ Grab
 _____ Composite/Flow Proportional
 _____ Composite/Time Weighted
 Collection Time: 1405 to _____
 Collection Date: 9-22-93 to _____
 Preservative Used: ICE

Special Instructions/Remarks: _____
 Analyses Requested: Asbestos

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY
 Collected by (1) Manny Morero Jr
 (2) _____
 (3) _____
 Delivered by/Date Manny Morero Jr 9-22-93
 Received by/Date P. Fleishman 092293
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. 092293-61
 SAMPLE INFORMATION
 Requested by: John Ballieu Div/Sec: S20
 Organization: EPCC VALLE VERDE CAMPUS
 Address: _____
 Category: IPO Sampling Point: FIRE #6
 Sample Type: HYDRANT
☒ Grab
 _____ Composite/Flow Proportional
 _____ Composite/Time Weighted
 Collection Time: 1115 to _____
 Collection Date: 9-22-93 to _____
 Preservative Used: ICE

Special Instructions/Remarks: _____
 Analyses Requested: Asbestos

SAMPLE ANALYSIS TAG

092293-62

CHAIN OF CUSTODY
 Collected by (1) Manny Moreno Jr
 (2) _____
 (3) _____
 Delivered by/Date Manny Moreno Jr 9-22-93
 Received by/Date JP Freshman 092293
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. _____
 SAMPLE INFORMATION
 Requested by: John Baillieu Div/Sec: 520
 Organization: Jonathan Rogers Plant
 Address: _____
 Category: IPC Sampling Point: ENfluent
 Sample Type:
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Time: 1040 to _____
 Collection Date: 9-22-93 to _____
 Preservative Used: ICE

Special Instructions/Remarks: Asbestos
 Analyses Requested: _____

SAMPLE ANALYSIS TAG

092293-63

CHAIN OF CUSTODY
 Collected by (1) Manny Moreno Sr
 (2) _____
 (3) _____
 Delivered by/Date Manny Moreno Sr 9-22-93
 Received by/Date JP Freshman 092293
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. _____
 SAMPLE INFORMATION
 Requested by: John Baillieu Div/Sec: 520
 Organization: Jonathan Rogers Plant
 Address: _____
 Category: IPC Sampling Point: Effluent
 Sample Type:
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Time: 1045 to _____
 Collection Date: 9-22-93 to _____
 Preservative Used: ICE

Special Instructions/Remarks: Asbestos
 Analyses Requested: _____

SAMPLE ANALYSIS TAG

092293-64

CHAIN OF CUSTODY
 Collected by (1) Manny Moreno Jr
 (2) _____
 (3) _____
 Delivered by/Date Manny Moreno Jr 9-22-93
 Received by/Date JP Freshman 092293
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. _____
 SAMPLE INFORMATION
 Requested by: John Baillieu Div/Sec: 520
 Organization: FRED HERVEY Plant
 Address: _____
 Category: IPC Sampling Point: EFFluent
 Sample Type:
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Time: 1435 to _____
 Collection Date: 9-22-93 to _____
 Preservative Used: ICE

Special Instructions/Remarks: Asbestos
 Analyses Requested: _____

EL PASO WATER UTILITIES
Fred Hervey Water Reclamation Plant Laboratory
Tel (915) 821-0616 FAX (915) 821-4358

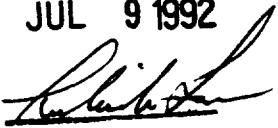
MEMORANDUM

TO: J. Balliew, Environmental Compliance Engineer
FROM: P. Fleshman, Sample Custodian
DATE: 10 July 1992
SUBJECT: Asbestos Testing
REF: my memo dated 061992

Results of the testing of El Paso water from six different sites for the presence or absence of asbestos fibers have been received from MSL ELECTRON-MICROSCOPY SERVICE LABORATORIES INC have been received and are forwarded herewith

APPROVED

JUL 9 1992

BY: 



ELECTRON-MICROSCOPY SERVICE LABORATORIES INC.

Corporate Office
and
Main Laboratory

July 6, 1992

108 Haddon Avenue
Westmont, NJ
08108
(609) 858-4800

Robert Luna
El Paso Water Utilities
1154 Hawkins Blvd.
El Paso, TX 79925

1800 Peachtree St. N.W.
Suite 305
Atlanta, GA
30309
(404) 355-4046

RE: Asbestos Analysis of Water Samples
EPA-600/4-84-043

1056 Stelton Road
Piscataway, NJ
08854
(908) 981-0550

Dear Mr. Luna:

Enclosed please find results for sample numbers 062292-42 thru 49 which were analyzed for asbestos content by EPA-600/4-84-043 method. Since no asbestos was detected, the fiber sizes were not shown.

2 DeAngelo Drive
Bedford, MA
01730
(617) 275-7080

If you have any questions, please do not hesitate to call me.

212 S. Wagner Rd.
Ann Arbor, MI
48103
(313) 668-6810

Yours truly,

1720 S. Amphlett Blvd.
Suite 130
San Mateo, CA
94402
(415) 570-5401

Peter Frasca Ph.D
Director

1440 Maple Ave.
Suite 7A
Lisle, IL
60532
(708) 241-1901

8401 Corporate Dr.
Suite 140
Landover, MD
20785
(301) 459-8776

Analytical Services

Consultation

Asbestos Analysis



P.O. BOX 511
EL PASO, TX 79961-0001
PHONE: 915-594-5500

(915) 821-0616

22 June 1992

EMSL ANALYTICAL
ATTN Maria Boisclair
108 Haddon Avenue
Westmont, NJ 08108

Doreen Simpson of Continental Analytical Services writes that she has contacted you regarding the testing of water samples for asbestos fibers and has forwarded a purchase order for eight samples.

Accordingly, enclosed please find eight water samples for asbestos testing.

Please bear in mind that a special reporting format is required. This report must, at the minimum, list the Method Number, Detection Limits, and Asbestos Concentration by Fiber Types, Sizes and Mass for each sample.

Please send the original report to El Paso Water Utilities, ATTN: Roberto A. Luna, and send a copy of the report and the invoice for work performed to Ms Simpson at CAS.

The ice chest (property of CAS) should be returned to EPWU, 11700 Railroad Drive, El Paso, TX 79924 by UPS.

If there are any questions, please phone me.

Sincerely,

A handwritten signature in cursive script, appearing to read "Roberto A. Luna".

Roberto A. Luna
Chemist II

821-0616

RECEIVED
EMSL
WESTMONT, N.J.
92 JUN 23 AM 11:34
D. Kellum



REPORT OF ASBESTOS ANALYSIS IN WATER

Job #: El Paso Water Utilities, TX
 P.O. #: 053888 CAS, Salina, KS
 Workorder #:
 Report #:
 Phone #:

Date Sampled: 06/22/92 Sampled By: IPJ Inspectors
 Date Received: 06/23/92 Analyzed By: Al Baltz

Lab #: 9228482 Sample I.D.: 062292-42

Sample ashed: No
 Sample volume filtered (ml): 10 ml
 Number of grid squares counted: 50
 Analytical sensitivity (MFL): 0.3

CHRYSTOLE FIBERS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

AMPHIBOLE FIBERS (*)

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

CHRYSTOLE FIBERS > 10 MICRONS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

TOTAL FIBERS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

(*) Probable amphibole
 MFL: Million Fibers per Liter
 ND: Not detected
 NA: Not analyzed

Approved by 

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY

Collected by (1) P. J. P. & Mary M. Miller Date/Lab No. 062292-42

(2) _____

(3) _____

Delivered by/Date P. J. P. 6-22-92

Received by/Date Al Baltz 062292

Delivered by/Date _____

Received by/Date _____

Delivered by/Date _____

Received by/Date _____

Delivered by/Date _____

Received by/Date _____

Special Instructions/Remarks: _____

Analyses Requested: Asbestos

SAMPLE INFORMATION

Requested by: R. L. Miller Div/Sec: 650

Organization: El Paso Water Utilities

Address: _____

Category: 0 Sampling Point: San Juan River

Sample Type: Grab

Collection Time: 11:00 to _____

Collection Date: 6-22-92

Preservative Used: FL 12 2011



REPORT OF ASBESTOS ANALYSIS IN WATER

Job #: El Paso Water Utilities, TX
 P.O. #: 053888 CAS, Salina, KS
 Workorder #:
 Report #:
 Phone #:

Date Sampled: 06/22/92 Sampled By: IPJ Inspectors
 Date Received: 06/23/92 Analyzed By: Al Baltz

Lab #: 9228483 Sample I.D. : 062292-43

Sample ashed: No
 Sample volume filtered (ml): 20 ml
 Number of grid squares counted: 25
 Analytical sensitivity (MFL): 0.3

CHRYSTILE FIBERS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

AMPHIBOLE FIBERS (*)

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

CHRYSTILE FIBERS > 10 MICRONS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

TOTAL FIBERS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

(*) Probable amphibole
 MFL: Million Fibers per Liter
 ND: Not detected
 NA: Not analyzed

Approved by 

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY		Date/Lab No. <u>062292-43</u>
Collected by (1) <u>Andy Smith & Mary Miller</u>	SAMPLE INFORMATION	
(2) _____	Requested by: <u>IPJ</u>	Div/Sec: <u>110</u>
(3) <u>Andy Smith</u>	Organization: <u>El Paso Water Utilities</u>	
Delivered by/Date <u>Andy Smith 6-23-92</u>	Address: _____	
Received by/Date <u>Al Baltz 6-23-92</u>	Category: <u>110</u>	Sampling Point: <u>Mass # 110</u>
Delivered by/Date _____	Sample Type: _____	
Received by/Date _____	Grab _____	
Delivered by/Date _____	Composite/Flow Proportional _____	
Received by/Date _____	Composite/Time Weighted _____	
Delivered by/Date _____	Collection Time: <u>1210</u> to _____	
Received by/Date _____	Collection Date: <u>6-22-92</u> to _____	
Special Instructions/Remarks: _____		Preservative Used: <u>BLC HCL</u>
Analyses Requested: <u>Asbestos</u>		

REPORT OF ASBESTOS ANALYSIS IN WATER

Job #: El Paso Water Utilities, TX
P.O. #: 053888 CAS, Salina, KS
Workorder #:
Report #:
Phone #:

Date Sampled: 06/22/92 Sampled By: IPJ Inspectors
Date Received: 06/23/92 Analyzed By: Al Baltz

Lab #: 9228484 Sample I.D.: 062292-44

Sample ashed: No
Sample volume filtered (ml): 20 ml
Number of grid squares counted: 25
Analytical sensitivity (MFL): 0.3

CHRYSOTILE FIBERS

Number of fibers counted: 0
Mean fiber conc. (MFL): 0
Upper 95% conf. limit (MFL): 0
Lower 95% conf. limit (MFL): 0
Estimated mass (ug/l): 0

AMPHIBOLE FIBERS (*)

Numer of fibers counted: 0
Mean fiber conc. (MFL): 0
Upper 95% conf. limit (MFL): 0
Lower 95% conf. limit (MFL): 0
Estimated mass (ug/l): 0

CHRYSOTILE FIBERS > 10 MICRONS

Number of fibers counted: 0
Mean fiber conc. (MFL): 0
Upper 95% conf. limit (MFL): 0
Lower 95% conf. limit (MFL): 0
Estimated mass (ug/l): 0

TOTAL FIBERS

Number of fibers counted: 0
Mean fiber conc. (MFL): 0
Upper 95% conf. limit (MFL): 0
Lower 95% conf. limit (MFL): 0
Estimated mass (ug/l): 0

(*) Probable amphibole
MFL: Million Fibers per Liter
ND: Not detected
NA: Not analyzed

Approved by _____

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY _____ Date/Lab No. 06222-27

Collected by (1) Rudy F. L. & Mary (Horn) SAMPLE INFORMATION

(2) _____ Requested by: R. L. L. L. Div/Sec: 333

(3) _____ Organization: EPRI / Southern Generation

Delivered by/Date Rudy F. L. 6/22/97 Address: _____

Received by/Date R. L. L. L. 6/22/97 Category: 0 Sampling Point: Southern Generation

Delivered by/Date _____ Sample Type:

Received by/Date _____ ☒ Grab

Delivered by/Date _____ ☐ Composite/Flow Proportional

Received by/Date _____ ☐ Composite/Time Weighted

Delivered by/Date _____ Collection Time: 16:40 to _____

Received by/Date _____ Collection Date: 6/22/97 to _____

Preservative Used: 71... 2115

Special Instructions/Remarks: _____

Analyses Requested: As requested



REPORT OF ASBESTOS ANALYSIS IN WATER

Job #: El Paso Water Utilities, TX
 P.O. #: 053888 CAS, Salina, KS
 Workorder #:
 Report #:
 Phone #:

Date Sampled: 06/22/92 Sampled By: IPJ Inspectors
 Date Received: 06/23/92 Analyzed By: Al Baltz

Lab #: 9228485 Sample I.D. : 062292-45

Sample ashed: No
 Sample volume filtered (ml): 20 ml
 Number of grid squares counted: 25
 Analytical sensitivity (MFL): 0.3

CHRYSTOTILE FIBERS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

AMPHIBOLE FIBERS (*)

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

CHRYSTOTILE FIBERS > 10 MICRONS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

TOTAL FIBERS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

(*) Probable amphibole
 MFL: Million Fibers per Liter
 ND: Not detected
 NA: Not analyzed

Approved by 

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY		Date/Lab No. <u>062292-45</u>
Collected by (1) <u>Al Baltz / Monica Moore</u>	SAMPLE INFORMATION	
(2) _____	Requested by: <u>El Paso Water System</u>	Div/Sec: <u>650</u>
(3) <u>Al Baltz</u>	Organization: <u>El Paso Water System</u>	
Delivered by/Date: <u>Al Baltz 6/23/92</u>	Address: _____	
Received by/Date: _____	Category: <u>6</u>	Sampling Point: <u>El Paso Water System</u>
Delivered by/Date: _____	Sample Type: _____	
Received by/Date: _____	<u>Grab</u>	
Delivered by/Date: _____	<u>Composite/Flow Proportional</u>	
Received by/Date: _____	<u>Composite/Time Weighted</u>	
Delivered by/Date: _____	Collection Time: <u>10:00</u> to _____	
Received by/Date: _____	Collection Date: <u>6-23-92</u>	
Special Instructions/Remarks: _____	Preservative Used: <u>None</u>	
Analyses Requested: <u>Asbestos</u>		



REPORT OF ASBESTOS ANALYSIS IN WATER

Job #: El Paso Water Utilities, TX
 P.O. #: 053888 CAS, Salina, KS
 Workorder #:
 Report #:
 Phone #:

Date Sampled: 06/22/92 Sampled By: IPJ Inspectors
 Date Received: 06/23/92 Analyzed By: Al Baltz

Lab #: 9228486 Sample I.D. : 062292-46

Sample ashed: No
 Sample volume filtered (ml): 20 ml
 Number of grid squares counted: 25
 Analytical sensitivity (MFL): 0.3

CHRYSTILE FIBERS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

AMPHIBOLE FIBERS (*)

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

CHRYSTILE FIBERS > 10 MICRONS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

TOTAL FIBERS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

(*) Probable amphibole
 MFL: Million Fibers per Liter
 ND: Not detected
 NA: Not analyzed

Approved by 

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY

Collected by (1) Andy Davis & Harry M... Date/Lab No. 062292-46

(2) _____

(3) Andy Davis 6/23/92

Delivered by/Date _____

Received by/Date 6/23/92

Delivered by/Date _____

Received by/Date _____

Delivered by/Date _____

Received by/Date _____

Delivered by/Date _____

Received by/Date _____

Special Instructions/Remarks: _____

Analyses Requested: Asbestos

SAMPLE INFORMATION

Requested by: IPJ Inspectors Div/Sec: 650

Organization: El Paso Water Utilities

Address: _____

Category: 5 Sampling Point: Underground

Sample Type: Grab

Collection Time: 12:00 to _____

Collection Date: 6/23/92 to _____

Preservative Used: None



REPORT OF ASBESTOS ANALYSIS IN WATER

Job #: El Paso Water Utilities, TX

P.O. #: 053888 CAS, Salina, KS

Workorder #:

Report #:

Phone #:

Date Sampled: 06/22/92

Sampled By: IPJ Inspectors

Date Received: 06/23/92

Analyzed By: AI Baltz

Lab #: 9228487

Sample I.D.: 062292-47

Sample ashed: No

Sample volume filtered (ml): 20 ml

Number of grid squares counted: 25

Analytical sensitivity (MFL): 0.3

CHRYSTILE FIBERS

Number of fibers counted: 0

Mean fiber conc. (MFL): 0

Upper 95% conf. limit (MFL): 0

Lower 95% conf. limit (MFL): 0

Estimated mass (ug/l): 0

CHRYSTILE FIBERS > 10 MICRONS

Number of fibers counted: 0

Mean fiber conc. (MFL): 0

Upper 95% conf. limit (MFL): 0

Lower 95% conf. limit (MFL): 0

Estimated mass (ug/l): 0

AMPHIBOLE FIBERS (*)

Number of fibers counted: 0

Mean fiber conc. (MFL): 0

Upper 95% conf. limit (MFL): 0

Lower 95% conf. limit (MFL): 0

Estimated mass (ug/l): 0

TOTAL FIBERS

Number of fibers counted: 0

Mean fiber conc. (MFL): 0

Upper 95% conf. limit (MFL): 0

Lower 95% conf. limit (MFL): 0

Estimated mass (ug/l): 0

(*) Probable amphibole

MFL: Million Fibers per Liter

ND: Not detected

NA: Not analyzed

Approved by

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY		Date/Lab No. <u>062292-47</u>
Collected by (1) <u>Rudy Potts & Henry Mar. 1</u>	SAMPLE INFORMATION	
(2) _____	Requested by: <u>R. Potts</u>	Div/Sec: <u>ESU</u>
(3) <u>Rudy Potts 6/22/92</u>	Organization: <u>El Paso Water Utilities</u>	Address: _____
Delivered by/Date <u>Rudy Potts 6/22/92</u>	Category: _____	Sampling Point: <u>Phoenix & Lincoln</u>
Received by/Date <u>AI Baltz 06/23/92</u>	Sample Type:	
Delivered by/Date _____	☒ Grab	
Received by/Date _____	☐ Composite/Flow Proportional	
Delivered by/Date _____	☐ Composite/Time Weighted	
Received by/Date _____	Collection Time: <u>09:30</u> to _____	
Delivered by/Date _____	Collection Date: <u>6/23/92</u>	
Received by/Date _____	Preservative Used: <u>Blue Ice</u>	
Special Instructions/Remarks: _____		
Analyses Requested: <u>Asbestos</u>		



REPORT OF ASBESTOS ANALYSIS IN WATER

Job #: El Paso Water Utilities, TX
 P.O. #: 053888 CAS, Salina, KS
 Workorder #:
 Report #:
 Phone #:

Date Sampled: 06/22/92 Sampled By: IPJ Inspectors
 Date Received: 06/23/92 Analyzed By: Al Baltz

Lab #: 9228488 Sample I.D. : 062292-48

Sample ashed: No
 Sample volume filtered (ml): 20 ml
 Number of grid squares counted: 25
 Analytical sensitivity (MFL): 0.3

CHRYSTILE FIBERS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

AMPHIBOLE FIBERS (*)

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

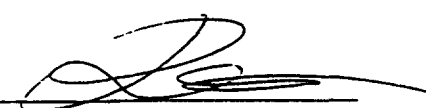
CHRYSTILE FIBERS > 10 MICRONS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

TOTAL FIBERS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

(*) Probable amphibole
 MFL: Million Fibers per Liter
 ND: Not detected
 NA: Not analyzed

Approved by: 

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY		Date/Lab No. <u>062292-48</u>	
Collected by (1) <u>Paula Davis & Maria Molina</u>	SAMPLE INFORMATION		
(2) _____	Requested by: <u>R. L. Davis</u>	Div/Sec: <u>980</u>	
(3) <u>Paula Davis</u>	Organization: <u>El Paso Water Utilities</u>	Address: _____	
Delivered by/Date: <u>Paula Davis 6-22-92</u>	Category: <u>Grab</u>	Sampling Point: <u>El Paso Water</u>	
Received by/Date: <u>R. L. Davis 6-22-92</u>	Sample Type: <u>Grab</u>		
Delivered by/Date: _____	<u>Composite/Flow Proportional</u>		
Received by/Date: _____	<u>Composite/Time Weighted</u>		
Delivered by/Date: _____	Collection Time: <u>7:00</u> to _____		
Received by/Date: _____	Collection Date: <u>6-22-92</u> to _____		
Delivered by/Date: _____	Preservative Used: <u>None</u>		
Special Instructions/Remarks: _____			
Analyses Requested: <u>Asbestos</u>			



REPORT OF ASBESTOS ANALYSIS IN WATER

Job #: El Paso Water Utilities, TX
 P.O. #: 053888 CAS, Salina, KS
 Workorder #:
 Report #:
 Phone #:

Date Sampled: 06/22/92 Sampled By: IPJ Inspectors
 Date Received: 06/23/92 Analyzed By: Al Baltz

Lab #: 9228489 Sample I.D. : 062292-49

Sample ashed: No
 Sample volume filtered (ml): 20 ml
 Number of grid squares counted: 25
 Analytical sensitivity (MFL): 0.3

CHRYSTILE FIBERS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

AMPHIBOLE FIBERS (*)

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

CHRYSTILE FIBERS > 10 MICRONS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

TOTAL FIBERS

Number of fibers counted: 0
 Mean fiber conc. (MFL): 0
 Upper 95% conf. limit (MFL): 0
 Lower 95% conf. limit (MFL): 0
 Estimated mass (ug/l): 0

(*) Probable amphibole
 MFL: Million Fibers per Liter
 ND: Not detected
 NA: Not analyzed

Approved by 

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY

Collected by (1) _____
 (2) _____
 (3) P. Flegman
 Delivered by/Date _____
 Received by/Date P. Flegman 062292
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. 062292-49

SAMPLE INFORMATION

Requested by: P. Flegman Div/Sec: 650
 Organization: El Paso Water System
 Address: _____
 Category: C Sampling Point: 1260K
 Sample Type:
☒ Grab
☐ Composite/Flow Proportional
☐ Composite/Time Weighted
 Collection Time: 110-3 to _____
 Collection Date: 062292 to _____
 Preservative Used: _____

Special Instructions/Remarks: DI Water CHL 0.522222 0.045 ml per liter
 Analyses Requested: Asbestos



ELECTRON-MICROSCOPY SERVICE LABORATORIES INC.

REPORT OF ASBESTOS ANALYSIS IN WATER

Job #: El Paso Water Utilities, TX

P.O. #: 053888 CAS, Salina, KS

Workorder #:

Report #:

Phone #:

Date Sampled: 06/22/92

Sampled By: IPJ Inspectors

Date Received: 06/23/92

Analyzed By: Al Baltz

Lab #: 9228490

Sample I.D. : EMSL Blank

Sample ashed: No

Sample volume filtered (ml): 100 ml

Number of grid squares counted: 10

Analytical sensitivity (MFL): 0.15

CHRYBOTILE FIBERS

Number of fibers counted: 0

Mean fiber conc. (MFL): 0

Upper 95% conf. limit (MFL): 0

Lower 95% conf. limit (MFL): 0

Estimated mass (ug/l): 0

CHRYBOTILE FIBERS > 10 MICRONS

Number of fibers counted: 0

Mean fiber conc. (MFL): 0

Upper 95% conf. limit (MFL): 0

Lower 95% conf. limit (MFL): 0

Estimated mass (ug/l): 0

AMPHIBOLE FIBERS (*)

Numer of fibers counted: 0

Mean fiber conc. (MFL): 0

Upper 95% conf. limit (MFL): 0

Lower 95% conf. limit (MFL): 0

Estimated mass (ug/l): 0

TOTAL FIBERS

Number of fibers counted: 0

Mean fiber conc. (MFL): 0

Upper 95% conf. limit (MFL): 0

Lower 95% conf. limit (MFL): 0

Estimated mass (ug/l): 0

(*) Probable amphibole

MFL: Million Fibers per Liter

ND: Not detected

NA: Not analyzed

Approved by _____

EL PASO WATER UTILITIES

Fred Hervey Water Reclamation Plant Laboratory/ESTIMATION

11700 Railroad Dr, El Paso TX 79924 (915) 821-0616

To: EMSL Analytical

CHAIN OF CUSTODY RECORD & ANALYTICAL REQUEST

11:35 AM

Sampled by: IPT Inspectors

BA 31674

Item no.	Sample Time	X Comp	X Grab	X Fluid	X Solid	Sample Identification	No. Bills	Prep. with	Test Requested	Comments:
1			X	X		062292-42	1	N/A	Asbestos	9228482
2			X	X		062292-43	1	N/A	Asbestos	83
3			X	X		062292-44	1	N/A	Asbestos	84
4			X	X		062292-45	1	N/A	Asbestos	85
5			X	X		062292-46	1	N/A	Asbestos	86
6			X	X		062292-47	1	N/A	Asbestos	87
7			X	X		062292-48	1	N/A	Asbestos	88
8			X	X		062292-49	1	N/A	Asbestos	89
9						EMSL BLANK				9228490
10										
Relinquished By (Signature):						Received By (Signature):		Date/Time		Date/Time
						<u>Code Kellum</u>		6/23/12		11:35
Relinquished By (Signature):						Received By (Signature):		Date/Time		Date/Time



Professional Service Industries, Inc.
Pittsburgh Testing Laboratory Division

Report To: Wilson Laboratories
525 North Eighth Street
Salina, KS 67410

Project No: 815-19072
AS 121891-1
Sampled By IPT
Inspectors for
EPWU

Report For: EPWU/ Fred Herney Lab
11700 Railroad Drive
El Paso, TX 79924

Date: December 26, 1991

Report Of: Transmission Electron Microscopic (TEM) Analysis Of Water Sample For Asbestos

Introduction

Seven water sample(s) were submitted by Wilson Laboratories on 12-19-91. The purpose of the investigation was to analyze the water by TEM for asbestos content.

Method

A variable known volume of water sample is filtered through a 0.1 um pore size polycarbonate filter and the filter is then carbon coated. A small portion of the carbon coated filter is placed on an electron microscope grid and the filter material is removed by gentle solution in organic solvent. The material remaining on the electron microscope grid is examined in a transmission electron microscope at a magnification of about 20,000X. The asbestos fibers are identified by their morphology and electron diffraction patterns and their chemical composition.

Results

<u>Client #</u>	<u>PSI Serial #</u>	<u>Concentration</u>	<u>Detection Limits (MFL)</u>
AS 121791-37	9112276	No Asbestos Detected	0.057
AS 121791-38	9112277	No Asbestos Detected	0.057
AS 121791-39	9112278	No Asbestos Detected	0.057
AS 121791-40	9112279	No Asbestos Detected	0.057
AS 121791-41	9112280	No Asbestos Detected	0.057
AS 121791-42	9112281	No Asbestos Detected	0.057
AS 121891-34	9112282	No Asbestos Detected	0.057

Respectfully submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.
Sheryl Kraft
Division Manager, TEM Department

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY

SAMPLE INFORMATION

Collected by (1) MANNY MORENO JR Date/Lab No. 121791-37
 (2) _____ Requested by: JOHN BAILIEW Div/Sec: 130
 (3) _____ Company/Organization: EPWA
 Delivered by/Date MANNY MORENO JR 12-17-91 Address: ROUND ROCK & SUGARLAND
 Received by/Date P. Flesherman 121791 Category: Asb STD Sample Point: HYDRANT
 Delivered by/Date _____ Sample Type: _____
 Received by/Date _____ Grab: ✓
 Delivered by/Date _____ Composite/flow Proportional: _____
 Received by/Date _____ Composite/Time weighted: _____
 Delivered by/Date _____ Collection Date: 12-17-91 to 12-17-91
 Received by/Date _____ Preservative Used: ILC
 Special Instructions/Remarks: TIME: 1437
 Analyses Requested: Asbestos Study

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY

SAMPLE INFORMATION

Collected by (1) MANNY MORENO JR Date/Lab No. 121791-38
 (2) _____ Requested by: JOHN BAILIEW Div/Sec: 130
 (3) _____ Company/Organization: EPWA
 Delivered by/Date MANNY MORENO JR 12-17-91 Address: MESA & KERN
 Received by/Date P. Flesherman 121791 Category: Asb STD Sample Point: HYDRANT
 Delivered by/Date _____ Sample Type: _____
 Received by/Date _____ Grab: ✓
 Delivered by/Date _____ Composite/flow Proportional: _____
 Received by/Date _____ Composite/Time weighted: _____
 Delivered by/Date _____ Collection Date: 12-17-91 to 12-17-91
 Received by/Date _____ Preservative Used: ILC
 Special Instructions/Remarks: TIME: 1319
 Analyses Requested: Asbestos Study

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY

SAMPLE INFORMATION

Collected by (1) MANNY MORENO JR Date/Lab No. 121791-39
 (2) _____ Requested by: JOHN BAILIEW Div/Sec: 130
 (3) _____ Company/Organization: EPWA
 Delivered by/Date MANNY MORENO JR 12-17-91 Address: SAN JOSE & KENTUCKY
 Received by/Date P. Flesherman 121791 Category: Asb STD Sample Point: HYDRANT
 Delivered by/Date _____ Sample Type: _____
 Received by/Date _____ Grab: ✓
 Delivered by/Date _____ Composite/flow Proportional: _____
 Received by/Date _____ Composite/Time weighted: _____
 Delivered by/Date _____ Collection Date: 12-17-91 to 12-17-91
 Received by/Date _____ Preservative Used: ILC
 Special Instructions/Remarks: TIME: 1205
 Analyses Requested: Asbestos Study

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY

SAMPLE INFORMATION

Collected by (1) MANNY MORENO JR Date/Lab No. 121791-40
 (2) _____ Requested by: JOHN BAILIEW Div/Sec: 130
 (3) _____ Company/Organization: EPWA
 Delivered by/Date MANNY MORENO JR 12-17-91 Address: ROSEWOOD & MISSOURI
 Received by/Date P. Flesherman 121791 Category: Asb STD Sample Point: HYDRANT
 Delivered by/Date _____ Sample Type: _____
 Received by/Date _____ Grab: ✓
 Delivered by/Date _____ Composite/flow Proportional: _____
 Received by/Date _____ Composite/Time weighted: _____
 Delivered by/Date _____ Collection Date: 12-17-91 to 12-17-91
 Received by/Date _____ Preservative Used: ILC
 Special Instructions/Remarks: TIME 1300
 Analyses Requested: Asbestos Study

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY

SAMPLE INFORMATION

Collected by (1) Manny Morales Jr
 (2) _____
 (3) _____
 Delivered by/Date Manny Morales 12-17-91
 Received by/Date P. Freshman 12-17-91
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. 12171-41
 Requested by: JOHN Ballieu Div/Sec: 130
 Company/Organization: EPWU
 Address: PHOENIX & HUNTER
 Category: Asb STD Sample Point: HYDRANT
 Sample Type: _____
 Grab: ✓
 Composite/flow Proportional: _____
 Composite/Time weighted: _____
 Collection Date: 12-17-91 to 12-17-91
 Preservative Used: ELC

Special Instructions/Remarks: _____
 Analyses Requested: Asbestos study

Time: 1350

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY

SAMPLE INFORMATION

Collected by (1) Manny Morales Jr
 (2) _____
 (3) _____
 Delivered by/Date Manny Morales 12-17-91
 Received by/Date P. Freshman 12-17-91
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. 12171-42
 Requested by: JOHN Ballieu Div/Sec: 130
 Company/Organization: EPWU
 Address: - H -
 Category: _____ Sample Point: _____
 Sample Type: _____
 Grab: ✓
 Composite/flow Proportional: _____
 Composite/Time weighted: _____
 Collection Date: 12-17-91 to 12-17-91
 Preservative Used: ELC

Special Instructions/Remarks: dupl'd 12-17-91-39
 Analyses Requested: Asbestos study

SAMPLE ANALYSIS TAG

CHAIN OF CUSTODY

SAMPLE INFORMATION

Collected by (1) P. Freshman
 (2) _____
 (3) _____
 Delivered by/Date P. Freshman
 Received by/Date P. Freshman 12-18-91
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____
 Delivered by/Date _____
 Received by/Date _____

Date/Lab No. 121891-34
 Requested by: J. Ballieu Div/Sec: 130
 Company/Organization: EPWU
 Address: Western Skyline P. ne
 Category: Asb Std Sample Point: Fire Hydrant
 Sample Type: _____
 Grab: ✓
 Composite/flow Proportional: _____
 Composite/Time weighted: _____
 Collection Date: 12-18-91 to _____
 Preservative Used: Refrigeration

Special Instructions/Remarks: (Blank: on DI water C. Head) Time: 0900
 Analyses Requested: Asbestos study

MONTGOMERY LABORATORIES
 a division of James M. Montgomery, Consulting Engineers, Inc.
 555 East Walnut Street, Pasadena, California 91101
 (818) 796-9141 / (213) 681-4255 Telex 67-5420

**Report of Asbestos Analysis
 in water**

El Paso Water Utilities
 11700 Railroad Drive
 El Paso, TX 79924
 Attn: Robert Luna

Job#: 437.1450
 PO#: 64412
 Workorder#: W27681
 Report#: R27468
 Phone #: 915-821-0616

Date Sampled: 3/21/90
 Date Received: 3/23/90

Sampled By: Client
 Analyzed by: CJ Belt

Lab#: K39864

Sample I.D.: 032190-20

Sample ashed: Yes
 Sample volume filtered (ml): 4.0
 Number of grid squares counted: 20
 Analytical sensitivity (MFL): 1.5

CHRYSTILE FIBERS

Number of fibers counted: 5.0
 Mean fiber conc. (MFL): 7.4
 Upper 95% conf. limit (MFL): 15
 Lower 95% conf. limit (MFL): -0.22
 Estimated mass (ug/l): 0.12

CHRYSTILE FIBERS > 10 MICRONS

Number of fibers counted: 0.0
 Mean fiber conc. (MFL): 0.0
 Upper 95% conf. limit (MFL): 0.0
 Lower 95% conf. limit (MFL): 0.0
 Estimated mass (ug/l): 0.0

AMPHIBOLE FIBERS (*)

Number of fibers counted: 0.0
 Mean fiber conc. (MFL): 0.0
 Upper 95% conf. limit (MFL): 0.0
 Lower 95% conf. limit (MFL): 0.0
 Estimated mass (ug/l): 0.0

TOTAL FIBERS

Number of fibers counted: 5.0
 Mean fiber conc. (MFL): 7.4
 Upper 95% conf. limit (MFL): 15
 Lower 95% conf. limit (MFL): -0.22
 Estimated mass (ug/l): 0.12

(*) Probable amphibole
 MFL: Million Fibers per Liter
 ND : Not detected
 NA : Not analyzed

Approved by

Mesa & Kern

APPROVED

MAY 15 1990

QC OFFICER

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Length Distribution

Lab#: K39864

Sample I.D.: 032190-20

Length Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 0.23	0	0	0
0.23 - 0.34	0	0	0
0.34 - 0.50	0	0	0
0.50 - 0.73	1	1	20
0.73 - 1.08	1	2	40
1.08 - 1.58	1	3	60
1.58 - 2.32	0	3	60
2.32 - 3.41	0	3	60
3.41 - 5.00	0	3	60
5.00 - 7.34	1	4	80
7.34 - 10.77	1	5	100
10.77 - 15.81	0	5	100
15.81 - 23.21	0	5	100
23.21 - 34.06	0	5	100
34.06 - 50.00	0	5	100
50.00 - 73.40	0	5	100
73.40 - 107.70	0	5	100
107.70 - 158.10	0	5	100
158.10 - 232.10	0	5	100
232.10 - 340.60	0	5	100
340.60 - inf.	0	5	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Width Distribution

Lab#: K39864

Sample I.D.: 032190-20

Width Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.000 - 0.023	0	0	0
0.023 - 0.034	1	1	20
0.034 - 0.050	0	1	20
0.050 - 0.073	3	4	80
0.073 - 0.110	1	5	100
0.110 - 0.160	0	5	100
0.160 - 0.230	0	5	100
0.230 - 0.340	0	5	100
0.340 - 0.500	0	5	100
0.500 - 0.730	0	5	100
0.730 - 1.080	0	5	100
1.080 - 1.580	0	5	100
1.580 - 2.320	0	5	100
2.320 - 3.410	0	5	100
3.410 - 5.000	0	5	100
5.000 - 7.340	0	5	100
7.340 - 10.770	0	5	100
10.770 - 15.810	0	5	100
15.810 - 23.210	0	5	100
23.210 - 34.060	0	5	100
34.060 - inf.	0	5	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Aspect Ratio Distribution

Lab#: K39864

Sample I.D.: 032190-20

Aspect Ratio Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 3.00	0	0	0
3.00 - 4.40	0	0	0
4.40 - 6.46	0	0	0
6.46 - 9.49	1	1	20
9.49 - 13.92	1	2	40
13.92 - 20.44	0	2	40
20.44 - 30.00	0	2	40
30.00 - 44.00	1	3	60
44.00 - 64.60	0	3	60
64.60 - 94.90	0	3	60
94.90 - 139.20	2	5	100
139.20 - 204.40	0	5	100
204.40 - 300.00	0	5	100
300.00 - 440.00	0	5	100
440.00 - 646.00	0	5	100
646.00 - 949.00	0	5	100
949.00 - 1392.00	0	5	100
1392.00 - 2044.00	0	5	100
2044.00 - 3000.00	0	5	100
3000.00 - 4403.00	0	5	100
4403.00 - inf.	0	5	100

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555 East Walnut Street, Pasadena, California 91101
(818) 796-9141 / (213) 681-4255 Telex 67-5420

Report of Asbestos Analysis
in water

El Paso Water Utilities
11700 Railroad Drive
El Paso, TX 79924
Attn: Robert Luna

Job#: 437.1450
PO#: 64412
Workorder#: W27681
Report#: R27469
Phone #: 915-821-0616

Date Sampled: 3/21/90
Date Received: 3/23/90

Sampled By: Client
Analyzed by: CJ Belt

Lab#: K39865

Sample I.D.: 032190-21

Sample ashed: NO
Sample volume filtered (ml): 3.0
Number of grid squares counted: 20
Analytical sensitivity (MFL): 2.0

CHRYSTILE FIBERS

Number of fibers counted: 2.0
Mean fiber conc. (MFL): 3.9
Upper 95% conf. limit (MFL): 9.6
Lower 95% conf. limit (MFL): -1.7
Estimated mass (ug/l): 0.13

CHRYSTILE FIBERS > 10 MICRONS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

AMPHIBOLE FIBERS (*)

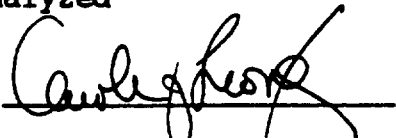
Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

TOTAL FIBERS

Number of fibers counted: 2.0
Mean fiber conc. (MFL): 3.9
Upper 95% conf. limit (MFL): 9.6
Lower 95% conf. limit (MFL): -1.7
Estimated mass (ug/l): 0.13

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

Approved by



San Jose + Kentucky

APPROVED
MAY 15 1990
QC OFFICER

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Length Distribution

Lab#: K39865

Sample I.D.: 032190-21

Length Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 0.23	0	0	0
0.23 - 0.34	0	0	0
0.34 - 0.50	0	0	0
0.50 - 0.73	0	0	0
0.73 - 1.08	0	0	0
1.08 - 1.58	0	0	0
1.58 - 2.32	1	1	50
2.32 - 3.41	1	2	100
3.41 - 5.00	0	2	100
5.00 - 7.34	0	2	100
7.34 - 10.77	0	2	100
10.77 - 15.81	0	2	100
15.81 - 23.21	0	2	100
23.21 - 34.06	0	2	100
34.06 - 50.00	0	2	100
50.00 - 73.40	0	2	100
73.40 - 107.70	0	2	100
107.70 - 158.10	0	2	100
158.10 - 232.10	0	2	100
232.10 - 340.60	0	2	100
340.60 - inf.	0	2	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Width Distribution

Lab#: K39865

Sample I.D.: 032190-21

Width Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.000 - 0.023	0	0	0
0.023 - 0.034	0	0	0
0.034 - 0.050	0	0	0
0.050 - 0.073	0	0	0
0.073 - 0.110	1	1	50
0.110 - 0.160	1	2	100
0.160 - 0.230	0	2	100
0.230 - 0.340	0	2	100
0.340 - 0.500	0	2	100
0.500 - 0.730	0	2	100
0.730 - 1.080	0	2	100
1.080 - 1.580	0	2	100
1.580 - 2.320	0	2	100
2.320 - 3.410	0	2	100
3.410 - 5.000	0	2	100
5.000 - 7.340	0	2	100
7.340 - 10.770	0	2	100
10.770 - 15.810	0	2	100
15.810 - 23.210	0	2	100
23.210 - 34.060	0	2	100
34.060 - inf.	0	2	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Aspect Ratio Distribution

Lab#: K39865

Sample I.D.: 032190-21

Aspect Ratio Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 3.00	0	0	0
3.00 - 4.40	0	0	0
4.40 - 6.46	0	0	0
6.46 - 9.49	0	0	0
9.49 - 13.92	0	0	0
13.92 - 20.44	1	1	50
20.44 - 30.00	1	2	100
30.00 - 44.00	0	2	100
44.00 - 64.60	0	2	100
64.60 - 94.90	0	2	100
94.90 - 139.20	0	2	100
139.20 - 204.40	0	2	100
204.40 - 300.00	0	2	100
300.00 - 440.00	0	2	100
440.00 - 646.00	0	2	100
646.00 - 949.00	0	2	100
949.00 - 1392.00	0	2	100
1392.00 - 2044.00	0	2	100
2044.00 - 3000.00	0	2	100
3000.00 - 4403.00	0	2	100
4403.00 - inf.	0	2	100

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555 East Walnut Street, Pasadena, California 91101
(818) 796-9141 / (213) 681-4255 Telex 67-5420

Report of Asbestos Analysis
in water

El Paso Water Utilities
11700 Railroad Drive
El Paso, TX 79924
Attn: Robert Luna

Job#: 437.1450
PO#: 64412
Workorder#: W27681
Report#: RC7470
Phone #: 915-821-0616

Date Sampled: 3/21/90
Date Received: 3/23/90

Sampled By: Client
Analyzed by: CJ Belt

Lab#: K39866

Sample I.D.: 032190-22

Sample ashed: NO
Sample volume filtered (ml): 10
Number of grid squares counted: 20
Analytical sensitivity (MFL): 0.59

CHRYSTILE FIBERS

CHRYSTILE FIBERS > 10 MICRONS

Number of fibers counted: 12
Mean fiber conc. (MFL): 7.1
Upper 95% conf. limit (MFL): 16
Lower 95% conf. limit (MFL): -1.8
Estimated mass (ug/l): 0.90

Number of fibers counted: 7.0
Mean fiber conc. (MFL): 4.1
Upper 95% conf. limit (MFL): 12
Lower 95% conf. limit (MFL): -3.3
Estimated mass (ug/l): 0.85

AMPHIBOLE FIBERS (*)

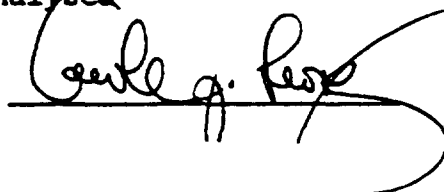
TOTAL FIBERS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

Number of fibers counted: 12
Mean fiber conc. (MFL): 7.1
Upper 95% conf. limit (MFL): 16
Lower 95% conf. limit (MFL): -1.8
Estimated mass (ug/l): 0.90

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

Approved by



*Round Rock +
Sugarland*

APPROVED
MAY 15 1990
QC OFFICER

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Length Distribution

Lab#: K39866

Sample I.D.: 032190-22

Length Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 0.23	0	0	0
0.23 - 0.34	0	0	0
0.34 - 0.50	0	0	0
0.50 - 0.73	1	1	8
0.73 - 1.08	1	2	16
1.08 - 1.58	0	2	16
1.58 - 2.32	1	3	25
2.32 - 3.41	1	4	33
3.41 - 5.00	1	5	41
5.00 - 7.34	0	5	41
7.34 - 10.77	0	5	41
10.77 - 15.81	1	6	50
15.81 - 23.21	4	10	83
23.21 - 34.06	2	12	100
34.06 - 50.00	0	12	100
50.00 - 73.40	0	12	100
73.40 - 107.70	0	12	100
107.70 - 158.10	0	12	100
158.10 - 232.10	0	12	100
232.10 - 340.60	0	12	100
340.60 - inf.	0	12	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Width Distribution

Lab#: K39866

Sample I.D.: 032190-22

Width Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.000 - 0.023	0	0	0
0.023 - 0.034	0	0	0
0.034 - 0.050	0	0	0
0.050 - 0.073	3	3	25
0.073 - 0.110	8	11	91
0.110 - 0.160	1	12	100
0.160 - 0.230	0	12	100
0.230 - 0.340	0	12	100
0.340 - 0.500	0	12	100
0.500 - 0.730	0	12	100
0.730 - 1.080	0	12	100
1.080 - 1.580	0	12	100
1.580 - 2.320	0	12	100
2.320 - 3.410	0	12	100
3.410 - 5.000	0	12	100
5.000 - 7.340	0	12	100
7.340 - 10.770	0	12	100
10.770 - 15.810	0	12	100
15.810 - 23.210	0	12	100
23.210 - 34.060	0	12	100
34.060 - inf.	0	12	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Aspect Ratio Distribution

Lab#: K39866

Sample I.D.: 032190-22

Aspect Ratio Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 3.00	0	0	0
3.00 - 4.40	0	0	0
4.40 - 6.46	0	0	0
6.46 - 9.49	2	2	16
9.49 - 13.92	0	2	16
13.92 - 20.44	0	2	16
20.44 - 30.00	1	3	25
30.00 - 44.00	1	4	33
44.00 - 64.60	0	4	33
64.60 - 94.90	1	5	41
94.90 - 139.20	0	5	41
139.20 - 204.40	3	8	66
204.40 - 300.00	2	10	83
300.00 - 440.00	2	12	100
440.00 - 646.00	0	12	100
646.00 - 949.00	0	12	100
949.00 - 1392.00	0	12	100
1392.00 - 2044.00	0	12	100
2044.00 - 3000.00	0	12	100
3000.00 - 4403.00	0	12	100
4403.00 - inf.	0	12	100

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a division of James M. Montgomery, Consulting Engineers, Inc.
 555 East Walnut Street, Pasadena, California 91101
 (818) 796-9141 / (213) 681-4255 Telex 67-5420

Report of Asbestos Analysis
 in water

El Paso Water Utilities
 11700 Railroad Drive
 El Paso, TX 79924
 Attn: Robert Luna

Job#: 437.1450
 PO#: 64412
 Workorder#: W27681
 Report#: R27466
 Phone #: 915-821-0616

Date Sampled: 3/21/90
 Date Received: 3/23/90

Sampled By: Client
 Analyzed by: CJ Belt

Lab#: K39862

Sample I.D.: 032190-18

Sample ashed: No
 Sample volume filtered (ml): 10
 Number of grid squares counted: 9.0
 Analytical sensitivity (MFL): 1.3

CHRYSTILE FIBERS

Number of fibers counted: 99
 Mean fiber conc. (MFL): 130
 Upper 95% conf. limit (MFL): 170
 Lower 95% conf. limit (MFL): 88
 Estimated mass (ug/l): 4.2

CHRYSTILE FIBERS > 10 MICRONS

Number of fibers counted: 6.0
 Mean fiber conc. (MFL): 7.9
 Upper 95% conf. limit (MFL): 14
 Lower 95% conf. limit (MFL): 1.5
 Estimated mass (ug/l): 1.0

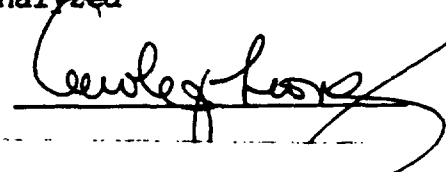
AMPHIBOLE FIBERS (*)

Number of fibers counted: 0.0
 Mean fiber conc. (MFL): 0.0
 Upper 95% conf. limit (MFL): 0.0
 Lower 95% conf. limit (MFL): 0.0
 Estimated mass (ug/l): 0.0

TOTAL FIBERS

Number of fibers counted: 99
 Mean fiber conc. (MFL): 130
 Upper 95% conf. limit (MFL): 170
 Lower 95% conf. limit (MFL): 88
 Estimated mass (ug/l): 4.2

(*) Probable amphibole
 MFL: Million Fibers per Liter
 ND : Not detected
 NA : Not analyzed

Approved by 

*Rosewood &
 Morrison*

APPROVED
 MAY 15 1990
 QC OFFICER

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Length Distribution

Lab#: K39862

Sample I.D.: 032190-18

Length Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 0.23	3	3	3
0.23 - 0.34	2	5	5
0.34 - 0.50	3	8	8
0.50 - 0.73	4	12	12
0.73 - 1.08	7	19	19
1.08 - 1.58	8	27	27
1.58 - 2.32	22	49	49
2.32 - 3.41	14	63	63
3.41 - 5.00	16	79	79
5.00 - 7.34	6	85	85
7.34 - 10.77	9	94	94
10.77 - 15.81	2	96	96
15.81 - 23.21	2	98	98
23.21 - 34.06	1	99	100
34.06 - 50.00	0	99	100
50.00 - 73.40	0	99	100
73.40 - 107.70	0	99	100
107.70 - 158.10	0	99	100
158.10 - 232.10	0	99	100
232.10 - 340.60	0	99	100.
340.60 - inf.	0	99	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Width Distribution

Lab#: K39862

Sample I.D.: 032190-18

Width Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.000 - 0.023	0	0	0
0.023 - 0.034	3	3	3
0.034 - 0.050	0	3	3
0.050 - 0.073	65	68	68
0.073 - 0.110	24	92	92
0.110 - 0.160	4	96	96
0.160 - 0.230	3	99	100
0.230 - 0.340	0	99	100
0.340 - 0.500	0	99	100
0.500 - 0.730	0	99	100
0.730 - 1.080	0	99	100
1.080 - 1.580	0	99	100
1.580 - 2.320	0	99	100
2.320 - 3.410	0	99	100
3.410 - 5.000	0	99	100
5.000 - 7.340	0	99	100
7.340 - 10.770	0	99	100
10.770 - 15.810	0	99	100
15.810 - 23.210	0	99	100
23.210 - 34.060	0	99	100
34.060 - inf.	0	99	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Aspect Ratio Distribution

Lab#: K39862

Sample I.D.: 032190-18

Aspect Ratio Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 3.00	0	0	0
3.00 - 4.40	2	2	2
4.40 - 6.46	0	2	2
6.46 - 9.49	6	8	8
9.49 - 13.92	8	16	16
13.92 - 20.44	15	31	31
20.44 - 30.00	12	43	43
30.00 - 44.00	14	57	57
44.00 - 64.60	15	72	72
64.60 - 94.90	12	84	84
94.90 - 139.20	6	90	90
139.20 - 204.40	4	94	94
204.40 - 300.00	3	97	97
300.00 - 440.00	2	99	100
440.00 - 646.00	0	99	100
646.00 - 949.00	0	99	100
949.00 - 1392.00	0	99	100
1392.00 - 2044.00	0	99	100
2044.00 - 3000.00	0	99	100
3000.00 - 4403.00	0	99	100
4403.00 - inf.	0	99	100

MONTGOMERY LABORATORIES
a division of James M. Montgomery, Consulting Engineers, Inc.
555 East Walnut Street, Pasadena, California 91101
(818) 796-9141 / (213) 681-4255 Telex 67-5420

Report of Asbestos Analysis
in water

El Paso Water Utilities
11700 Railroad Drive
El Paso, TX 79924
Attn: Robert Luna

Job#: 437.1450
PO#: 64412
Workorder#: W27682
Report#: R27473
Phone #: 915-821-0616

Date Sampled: 3/22/90
Date Received: 3/23/90

Sampled By: Client
Analyzed by: CJ Belt

Lab#: K39869

Sample I.D.: 032290-6

Sample ashed: NO
Sample volume filtered (ml): 50
Number of grid squares counted: 20
Analytical sensitivity (MFL): 0.12

CHRYSTILE FIBERS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

CHRYSTILE FIBERS > 10 MICRONS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

AMPHIBOLE FIBERS (*)

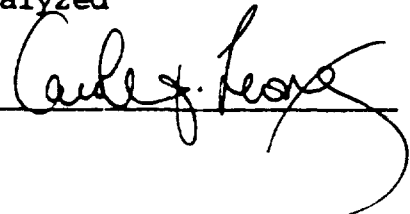
Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

TOTAL FIBERS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

Approved by



APPROVED
MAY 15 1990
QC OFFICER

Blank

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Report of Asbestos Analysis
in water

El Paso Water Utilities
11700 Railroad Drive
El Paso, TX 79924
Attn: Robert Luna

Job#: 437.1450
PO#: 64412
Workorder#: W27682
Report#: R27472
Phone #: 915-821-0616

Date Sampled: 3/22/90
Date Received: 3/23/90

Sampled By: Client
Analyzed by: CJ Belt

Lab#: K39868

Sample I.D.: 032290-5

Sample ashed: NO
Sample volume filtered (ml): 50
Number of grid squares counted: 20
Analytical sensitivity (MFL): 0.12

CHRYSOTILE FIBERS

CHRYSOTILE FIBERS > 10 MICRONS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

AMPHIBOLE FIBERS (*)

TOTAL FIBERS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

Approved by

Carole J. Lopez

APPROVED
MAY 15 1990
QC OFFICER

Northeast Plant

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Report of Asbestos Analysis
in water

El Paso Water Utilities
11700 Railroad Drive
El Paso, TX 79924
Attn: Robert Luna

Job#: 437.1450
PO#: 64412
Workorder#: W27682
Report#: R27471
Phone #: 915-821-0616

Date Sampled: 3/22/90
Date Received: 3/23/90

Sampled By: Client
Analyzed by: CJ Belt

Lab#: K39867

Sample I.D.: 032290-23

Sample ashed: NO
Sample volume filtered (ml): 50
Number of grid squares counted: 20
Analytical sensitivity (MFL): 0.12

CHRYSTILE FIBERS

Number of fibers counted: 1.0
Mean fiber conc. (MFL): 0.12
Upper 95% conf. limit (MFL): 0.36
Lower 95% conf. limit (MFL): -0.13
Estimated mass (ug/l): 0.012

CHRYSTILE FIBERS > 10 MICRONS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

AMPHIBOLE FIBERS (*)

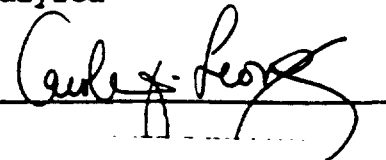
Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

TOTAL FIBERS

Number of fibers counted: 1.0
Mean fiber conc. (MFL): 0.12
Upper 95% conf. limit (MFL): 0.36
Lower 95% conf. limit (MFL): -0.13
Estimated mass (ug/l): 0.012

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

Approved by



*Franklin
Connel*

APPROVED
MAY 15 1990
QC OFFICER

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Length Distribution

Lab#: K39867

Sample I.D.: 032290-23

Length Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 0.23	0	0	0
0.23 - 0.34	0	0	0
0.34 - 0.50	0	0	0
0.50 - 0.73	0	0	0
0.73 - 1.08	0	0	0
1.08 - 1.58	0	0	0
1.58 - 2.32	0	0	0
2.32 - 3.41	1	1	100
3.41 - 5.00	0	1	100
5.00 - 7.34	0	1	100
7.34 - 10.77	0	1	100
10.77 - 15.81	0	1	100
15.81 - 23.21	0	1	100
23.21 - 34.06	0	1	100
34.06 - 50.00	0	1	100
50.00 - 73.40	0	1	100
73.40 - 107.70	0	1	100
107.70 - 158.10	0	1	100
158.10 - 232.10	0	1	100
232.10 - 340.60	0	1	100
340.60 - inf.	0	1	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Width Distribution

Lab#: K39867

Sample I.D.: 032290-23

Width Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.000 - 0.023	0	0	0
0.023 - 0.034	0	0	0
0.034 - 0.050	0	0	0
0.050 - 0.073	0	0	0
0.073 - 0.110	0	0	0
0.110 - 0.160	1	1	100
0.160 - 0.230	0	1	100
0.230 - 0.340	0	1	100
0.340 - 0.500	0	1	100
0.500 - 0.730	0	1	100
0.730 - 1.080	0	1	100
1.080 - 1.580	0	1	100
1.580 - 2.320	0	1	100
2.320 - 3.410	0	1	100
3.410 - 5.000	0	1	100
5.000 - 7.340	0	1	100
7.340 - 10.770	0	1	100
10.770 - 15.810	0	1	100
15.810 - 23.210	0	1	100
23.210 - 34.060	0	1	100
34.060 - inf.	0	1	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Aspect Ratio Distribution

Lab#: K39867

Sample I.D.: 032290-23

Aspect Ratio Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 3.00	0	0	0
3.00 - 4.40	0	0	0
4.40 - 6.46	0	0	0
6.46 - 9.49	0	0	0
9.49 - 13.92	0	0	0
13.92 - 20.44	0	0	0
20.44 - 30.00	1	1	100
30.00 - 44.00	0	1	100
44.00 - 64.60	0	1	100
64.60 - 94.90	0	1	100
94.90 - 139.20	0	1	100
139.20 - 204.40	0	1	100
204.40 - 300.00	0	1	100
300.00 - 440.00	0	1	100
440.00 - 646.00	0	1	100
646.00 - 949.00	0	1	100
949.00 - 1392.00	0	1	100
1392.00 - 2044.00	0	1	100
2044.00 - 3000.00	0	1	100
3000.00 - 4403.00	0	1	100
4403.00 - inf.	0	1	100

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Report of Asbestos Analysis
in water

El Paso Water Utilities	Job#:	437.1450
11700 Railroad Drive	PO#:	64412
El Paso, TX 79924	Workorder#:	W27681
Attn: Robert Luna	Report#:	R27467
	Phone #:	915-821-0616

Date Sampled:	3/21/90	Sampled By:	Client
Date Received:	3/23/90	Analyzed by:	CJ Belt

Lab#: K39863 Sample I.D.: 032190-19

Sample ashed:	NO
Sample volume filtered (ml):	5.0
Number of grid squares counted:	20
Analytical sensitivity (MFL):	1.2

CHRYSOTILE FIBERS

CHRYSOTILE FIBERS > 10 MICRONS

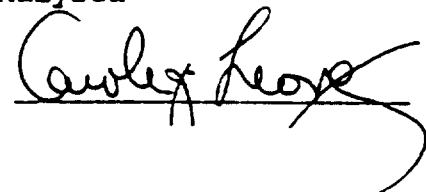
Number of fibers counted:	5.0	Number of fibers counted:	1.0
Mean fiber conc. (MFL):	5.9	Mean fiber conc. (MFL):	1.2
Upper 95% conf. limit (MFL):	12	Upper 95% conf. limit (MFL):	3.6
Lower 95% conf. limit (MFL):	-0.18	Lower 95% conf. limit (MFL):	-1.3
Estimated mass (ug/l):	0.37	Estimated mass (ug/l):	0.31

AMPHIBOLE FIBERS (*)

TOTAL FIBERS

Number of fibers counted:	0.0	Number of fibers counted:	5.0
Mean fiber conc. (MFL):	0.0	Mean fiber conc. (MFL):	5.9
Upper 95% conf. limit (MFL):	0.0	Upper 95% conf. limit (MFL):	12
Lower 95% conf. limit (MFL):	0.0	Lower 95% conf. limit (MFL):	-0.18
Estimated mass (ug/l):	0.0	Estimated mass (ug/l):	0.37

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

Approved by 

*Phoenix &
Kuntze*

APPROVED
MAY 15 1990
QC OFFICER

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Length Distribution

Lab#: K39863

Sample I.D.: 032190-19

Length Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 0.23	1	1	20
0.23 - 0.34	0	1	20
0.34 - 0.50	0	1	20
0.50 - 0.73	0	1	20
0.73 - 1.08	0	1	20
1.08 - 1.58	0	1	20
1.58 - 2.32	1	2	40
2.32 - 3.41	1	3	60
3.41 - 5.00	0	3	60
5.00 - 7.34	1	4	80
7.34 - 10.77	0	4	80
10.77 - 15.81	0	4	80
15.81 - 23.21	1	5	100
23.21 - 34.06	0	5	100
34.06 - 50.00	0	5	100
50.00 - 73.40	0	5	100
73.40 - 107.70	0	5	100
107.70 - 158.10	0	5	100
158.10 - 232.10	0	5	100
232.10 - 340.60	0	5	100
340.60 - inf.	0	5	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Width Distribution

Lab#: K39863

Sample I.D.: 032190-19

Width Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.000 - 0.023	0	0	0
0.023 - 0.034	0	0	0
0.034 - 0.050	0	0	0
0.050 - 0.073	4	4	80
0.073 - 0.110	1	5	100
0.110 - 0.160	0	5	100
0.160 - 0.230	0	5	100
0.230 - 0.340	0	5	100
0.340 - 0.500	0	5	100
0.500 - 0.730	0	5	100
0.730 - 1.080	0	5	100
1.080 - 1.580	0	5	100
1.580 - 2.320	0	5	100
2.320 - 3.410	0	5	100
3.410 - 5.000	0	5	100
5.000 - 7.340	0	5	100
7.340 - 10.770	0	5	100
10.770 - 15.810	0	5	100
15.810 - 23.210	0	5	100
23.210 - 34.060	0	5	100
34.060 - inf.	0	5	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Aspect Ratio Distribution

Lab#: K39863

Sample I.D.: 032190-19

Aspect Ratio Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 3.00	0	0	0
3.00 - 4.40	1	1	20
4.40 - 6.46	0	1	20
6.46 - 9.49	0	1	20
9.49 - 13.92	0	1	20
13.92 - 20.44	0	1	20
20.44 - 30.00	1	2	40
30.00 - 44.00	1	3	60
44.00 - 64.60	0	3	60
64.60 - 94.90	0	3	60
94.90 - 139.20	1	4	80
139.20 - 204.40	0	4	80
204.40 - 300.00	1	5	100
300.00 - 440.00	0	5	100
440.00 - 646.00	0	5	100
646.00 - 949.00	0	5	100
949.00 - 1392.00	0	5	100
1392.00 - 2044.00	0	5	100
2044.00 - 3000.00	0	5	100
3000.00 - 4403.00	0	5	100
4403.00 - inf.	0	5	100

[illegible]

Sample Source (Client Identification)	Field Personnel (Signature)
---------------------------------------	-----------------------------

Field Personnel Signature

Field Project ID No.

Laboratory Project ID No.

[illegible]

Relinquished by: (Signature) 	Date 3-22-90	Time 430	Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

MONTGOMERY LABORATORIES
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Report of Asbestos Analysis
in water

El Paso Utilities Pub. Service Board
320 S. Campbell St.
P. O. Box 511
El Paso, TX 79961
Attn: John E. Balliew

Job#: 437.0961
PO#: 63468/14023
Workorder#: W23370
Report#: R00857
Phone #: 915-533-9701

Date Sampled: 7/6/89
Date Received: 7/7/89

Sampled By: Client
Analyzed by: CJ Belt

Lab#: J75752

Sample I.D.: ROUNDROCK & SUGARLAND

Sample ashed: NO
Sample volume filtered (ml): 50
Number of grid squares counted: 20
Analytical sensitivity (MFL): 0.1

CHRYSTILE FIBERS

Number of fibers counted: 1.0
Mean fiber conc. (MFL): 0.10
Upper 95% conf. limit (MFL): 0.32
Lower 95% conf. limit (MFL): -0.11
Estimated mass (ug/l): 0.002

CHRYSTILE FIBERS > 10 MICRONS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

AMPHIBOLE FIBERS (*)

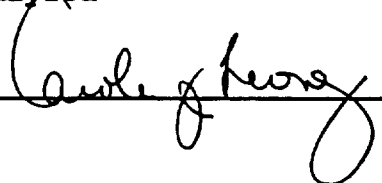
Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

TOTAL FIBERS

Number of fibers counted: 1.0
Mean fiber conc. (MFL): 0.10
Upper 95% conf. limit (MFL): 0.32
Lower 95% conf. limit (MFL): -0.11
Estimated mass (ug/l): 0.002

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

Approved by



APPROVED
AUG 22 1989
QC OFFICER

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Length Distribution

Lab#: J75752

Sample I.D.: ROUNDROCK & SUGARLAND

Length Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 0.23	0	0	0
0.23 - 0.34	0	0	0
0.34 - 0.50	0	0	0
0.50 - 0.73	0	0	0
0.73 - 1.08	0	0	0
1.08 - 1.58	0	0	0
1.58 - 2.32	0	0	0
2.32 - 3.41	0	0	0
3.41 - 5.00	1	1	100
5.00 - 7.34	0	1	100
7.34 - 10.77	0	1	100
10.77 - 15.81	0	1	100
15.81 - 23.21	0	1	100
23.21 - 34.06	0	1	100
34.06 - 50.00	0	1	100
50.00 - 73.40	0	1	100
73.40 - 107.70	0	1	100
107.70 - 158.10	0	1	100
158.10 - 232.10	0	1	100
232.10 - 340.60	0	1	100
340.60 - inf.	0	1	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Width Distribution

Lab#: J75752

Sample I.D.: ROUNDROCK & SUGARLAND

Width Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.000 - 0.023	0	0	0
0.023 - 0.034	0	0	0
0.034 - 0.050	0	0	0
0.050 - 0.073	1	1	100
0.073 - 0.110	0	1	100
0.110 - 0.160	0	1	100
0.160 - 0.230	0	1	100
0.230 - 0.340	0	1	100
0.340 - 0.500	0	1	100
0.500 - 0.730	0	1	100
0.730 - 1.080	0	1	100
1.080 - 1.580	0	1	100
1.580 - 2.320	0	1	100
2.320 - 3.410	0	1	100
3.410 - 5.000	0	1	100
5.000 - 7.340	0	1	100
7.340 - 10.770	0	1	100
10.770 - 15.810	0	1	100
15.810 - 23.210	0	1	100
23.210 - 34.060	0	1	100
34.060 - inf.	0	1	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Aspect Ratio Distribution

Lab#: J75752

Sample I.D.: ROUNDROCK & SUGARLAND

Aspect Ratio Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 3.00	0	0	0
3.00 - 4.40	0	0	0
4.40 - 6.46	0	0	0
6.46 - 9.49	0	0	0
9.49 - 13.92	0	0	0
13.92 - 20.44	0	0	0
20.44 - 30.00	0	0	0
30.00 - 44.00	0	0	0
44.00 - 64.60	1	1	100
64.60 - 94.90	0	1	100
94.90 - 139.20	0	1	100
139.20 - 204.40	0	1	100
204.40 - 300.00	0	1	100
300.00 - 440.00	0	1	100
440.00 - 646.00	0	1	100
646.00 - 949.00	0	1	100
949.00 - 1392.00	0	1	100
1392.00 - 2044.00	0	1	100
2044.00 - 3000.00	0	1	100
3000.00 - 4403.00	0	1	100
4403.00 - inf.	0	1	100

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Report of Asbestos Analysis
in water

El Paso Utilities Pub. Service Board
320 S. Campbell St.
P. O. Box 511
El Paso, TX 79961
Attn: John E. Balliew

Job#: 437.0961
PO#: 63468/14023
Workorder#: W23370
Report#: R00855
Phone #: 915-533-9701

Date Sampled: 7/6/89
Date Received: 7/7/89

Sampled By: Client
Analyzed by: CJ Belt

Lab#: J75750

Sample I.D.: MESA & KERN

Sample ashed: NO
Sample volume filtered (ml): 50
Number of grid squares counted: 20
Analytical sensitivity (MFL): 0.1

CHRYBOTILE FIBERS

CHRYBOTILE FIBERS > 10 MICRONS

Number of fibers counted: 1.0
Mean fiber conc. (MFL): 0.10
Upper 95% conf. limit (MFL): 0.32
Lower 95% conf. limit (MFL): -0.11
Estimated mass (ug/l): 0.002

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

AMPHIBOLE FIBERS (*)

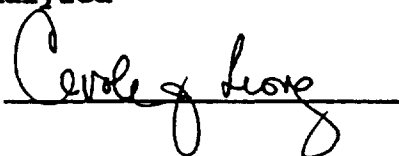
TOTAL FIBERS

Number of fibers counted: 2.0
Mean fiber conc. (MFL): 0.21
Upper 95% conf. limit (MFL): 0.64
Lower 95% conf. limit (MFL): -0.23
Estimated mass (ug/l): 0.019

Number of fibers counted: 3.0
Mean fiber conc. (MFL): 0.31
Upper 95% conf. limit (MFL): 0.96
Lower 95% conf. limit (MFL): -0.34
Estimated mass (ug/l): 0.021

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

Approved by



APPROVED

AUG 22 1989

QC OFFICER

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Length Distribution

Lab#: J75750

Sample I.D.: MESA & KERN

Length Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 0.23	0	0	0
0.23 - 0.34	0	0	0
0.34 - 0.50	0	0	0
0.50 - 0.73	0	0	0
0.73 - 1.08	0	0	0
1.08 - 1.58	0	0	0
1.58 - 2.32	0	0	0
2.32 - 3.41	0	0	0
3.41 - 5.00	1	1	100
5.00 - 7.34	0	1	100
7.34 - 10.77	0	1	100
10.77 - 15.81	0	1	100
15.81 - 23.21	0	1	100
23.21 - 34.06	0	1	100
34.06 - 50.00	0	1	100
50.00 - 73.40	0	1	100
73.40 - 107.70	0	1	100
107.70 - 158.10	0	1	100
158.10 - 232.10	0	1	100
232.10 - 340.60	0	1	100
340.60 - inf.	0	1	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Width Distribution

Lab#: J75750

Sample I.D.: MESA & KERN

Width Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.000 - 0.023	0	0	0
0.023 - 0.034	0	0	0
0.034 - 0.050	0	0	0
0.050 - 0.073	1	1	100
0.073 - 0.110	0	1	100
0.110 - 0.160	0	1	100
0.160 - 0.230	0	1	100
0.230 - 0.340	0	1	100
0.340 - 0.500	0	1	100
0.500 - 0.730	0	1	100
0.730 - 1.080	0	1	100
1.080 - 1.580	0	1	100
1.580 - 2.320	0	1	100
2.320 - 3.410	0	1	100
3.410 - 5.000	0	1	100
5.000 - 7.340	0	1	100
7.340 - 10.770	0	1	100
10.770 - 15.810	0	1	100
15.810 - 23.210	0	1	100
23.210 - 34.060	0	1	100
34.060 - inf.	0	1	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Aspect Ratio Distribution

Lab#: J75750

Sample I.D.: MESA & KERN

Aspect Ratio Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 3.00	0	0	0
3.00 - 4.40	0	0	0
4.40 - 6.46	0	0	0
6.46 - 9.49	0	0	0
9.49 - 13.92	0	0	0
13.92 - 20.44	0	0	0
20.44 - 30.00	0	0	0
30.00 - 44.00	0	0	0
44.00 - 64.60	0	0	0
64.60 - 94.90	1	1	100
94.90 - 139.20	0	1	100
139.20 - 204.40	0	1	100
204.40 - 300.00	0	1	100
300.00 - 440.00	0	1	100
440.00 - 646.00	0	1	100
646.00 - 949.00	0	1	100
949.00 - 1392.00	0	1	100
1392.00 - 2044.00	0	1	100
2044.00 - 3000.00	0	1	100
3000.00 - 4403.00	0	1	100
4403.00 - inf.	0	1	100

Report of Asbestos Analysis
(continued)

Amphibole Fiber Length Distribution

Lab#: J75750

Sample I.D.: MESA & KERN

Length Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 0.23	0	0	0
0.23 - 0.34	0	0	0
0.34 - 0.50	0	0	0
0.50 - 0.73	0	0	0
0.73 - 1.08	0	0	0
1.08 - 1.58	0	0	0
1.58 - 2.32	0	0	0
2.32 - 3.41	0	0	0
3.41 - 5.00	0	0	0
5.00 - 7.34	2	2	100
7.34 - 10.77	0	2	100
10.77 - 15.81	0	2	100
15.81 - 23.21	0	2	100
23.21 - 34.06	0	2	100
34.06 - 50.00	0	2	100
50.00 - 73.40	0	2	100
73.40 - 107.70	0	2	100
107.70 - 158.10	0	2	100
158.10 - 232.10	0	2	100
232.10 - 340.60	0	2	100
340.60 - inf.	0	2	100

Report of Asbestos Analysis
(continued)

Amphibole Fiber Width Distribution

Lab#: J75750

Sample I.D.: MESA & KERN

Width Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.000 - 0.023	0	0	0
0.023 - 0.034	0	0	0
0.034 - 0.050	0	0	0
0.050 - 0.073	1	1	50
0.073 - 0.110	1	2	100
0.110 - 0.160	0	2	100
0.160 - 0.230	0	2	100
0.230 - 0.340	0	2	100
0.340 - 0.500	0	2	100
0.500 - 0.730	0	2	100
0.730 - 1.080	0	2	100
1.080 - 1.580	0	2	100
1.580 - 2.320	0	2	100
2.320 - 3.410	0	2	100
3.410 - 5.000	0	2	100
5.000 - 7.340	0	2	100
7.340 - 10.770	0	2	100
10.770 - 15.810	0	2	100
15.810 - 23.210	0	2	100
23.210 - 34.060	0	2	100
34.060 - inf.	0	2	100

Report of Asbestos Analysis
(continued)

Amphibole Fiber Aspect Ratio Distribution

Lab#: J75750		Sample I.D.: MESA & KERN	
Aspect Ratio Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 3.00	0	0	0
3.00 - 4.40	0	0	0
4.40 - 6.46	0	0	0
6.46 - 9.49	0	0	0
9.49 - 13.92	0	0	0
13.92 - 20.44	0	0	0
20.44 - 30.00	0	0	0
30.00 - 44.00	0	0	0
44.00 - 64.60	1	1	50
64.60 - 94.90	0	1	50
94.90 - 139.20	1	2	100
139.20 - 204.40	0	2	100
204.40 - 300.00	0	2	100
300.00 - 440.00	0	2	100
440.00 - 646.00	0	2	100
646.00 - 949.00	0	2	100
949.00 - 1392.00	0	2	100
1392.00 - 2044.00	0	2	100
2044.00 - 3000.00	0	2	100
3000.00 - 4403.00	0	2	100
4403.00 - inf.	0	2	100

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Report of Asbestos Analysis
in water

El Paso Utilities Pub. Service Board
320 S. Campbell St.
P. O. Box 511
El Paso, TX 79961
Attn: John E. Balliew

Job#: 437.0961
PO#: 63468/14023
Workorder#: W23370
Report#: R00860
Phone #: 915-533-9701

Date Sampled: 7/6/89
Date Received: 7/7/89

Sampled By: Client
Analyzed by: CJ Belt

Lab#: J75755

Sample I.D.: CANAL PLANT INFLUENT

Sample ashed: YES
Sample volume filtered (ml): 2.5
Number of grid squares counted: 20
Analytical sensitivity (MFL): 2.1

CHRYSTILE FIBERS

CHRYSTILE FIBERS > 10 MICRONS

Number of fibers counted: 4.0
Mean fiber conc. (MFL): 8.3
Upper 95% conf. limit (MFL): 18
Lower 95% conf. limit (MFL): -1.9
Estimated mass (ug/l): 0.19

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

AMPHIBOLE FIBERS (*)

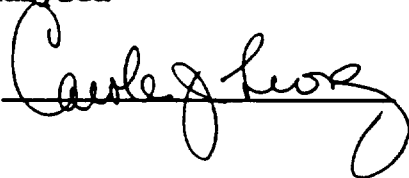
TOTAL FIBERS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

Number of fibers counted: 4.0
Mean fiber conc. (MFL): 8.3
Upper 95% conf. limit (MFL): 18
Lower 95% conf. limit (MFL): -1.9
Estimated mass (ug/l): 0.19

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

Approved by



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AUG 22 1989

QC OFFICER

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Length Distribution

Lab#: J75755

Sample I.D.: CANAL PLANT INFLUENT

Length Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 0.23	0	0	0
0.23 - 0.34	0	0	0
0.34 - 0.50	2	2	50
0.50 - 0.73	0	2	50
0.73 - 1.08	0	2	50
1.08 - 1.58	1	3	75
1.58 - 2.32	1	4	100
2.32 - 3.41	0	4	100
3.41 - 5.00	0	4	100
5.00 - 7.34	0	4	100
7.34 - 10.77	0	4	100
10.77 - 15.81	0	4	100
15.81 - 23.21	0	4	100
23.21 - 34.06	0	4	100
34.06 - 50.00	0	4	100
50.00 - 73.40	0	4	100
73.40 - 107.70	0	4	100
107.70 - 158.10	0	4	100
158.10 - 232.10	0	4	100
232.10 - 340.60	0	4	100
340.60 - inf.	0	4	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Width Distribution

Lab#: J75755

Sample I.D.: CANAL PLANT INFLUENT

Width Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.000 - 0.023	0	0	0
0.023 - 0.034	0	0	0
0.034 - 0.050	0	0	0
0.050 - 0.073	1	1	25
0.073 - 0.110	0	1	25
0.110 - 0.160	2	3	75
0.160 - 0.230	1	4	100
0.230 - 0.340	0	4	100
0.340 - 0.500	0	4	100
0.500 - 0.730	0	4	100
0.730 - 1.080	0	4	100
1.080 - 1.580	0	4	100
1.580 - 2.320	0	4	100
2.320 - 3.410	0	4	100
3.410 - 5.000	0	4	100
5.000 - 7.340	0	4	100
7.340 - 10.770	0	4	100
10.770 - 15.810	0	4	100
15.810 - 23.210	0	4	100
23.210 - 34.060	0	4	100
34.060 - inf.	0	4	100

Report of Asbestos Analysis
(continued)

Chrysotile Fiber Aspect Ratio Distribution

Lab#: J75755

Sample I.D.: CANAL PLANT INFLUENT

Aspect Ratio Range	Number of Fibers Counted	Cummulative Number of Fibers counted	Cummulative Percent of Fibers Counted
0.00 - 3.00	1	1	25
3.00 - 4.40	0	1	25
4.40 - 6.46	0	1	25
6.46 - 9.49	1	2	50
9.49 - 13.92	1	3	75
13.92 - 20.44	1	4	100
20.44 - 30.00	0	4	100
30.00 - 44.00	0	4	100
44.00 - 64.60	0	4	100
64.60 - 94.90	0	4	100
94.90 - 139.20	0	4	100
139.20 - 204.40	0	4	100
204.40 - 300.00	0	4	100
300.00 - 440.00	0	4	100
440.00 - 646.00	0	4	100
646.00 - 949.00	0	4	100
949.00 - 1392.00	0	4	100
1392.00 - 2044.00	0	4	100
2044.00 - 3000.00	0	4	100
3000.00 - 4403.00	0	4	100
4403.00 - inf.	0	4	100

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Report of Asbestos Analysis
in water

El Paso Utilities Pub. Service Board
320 S. Campbell St.
P. O. Box 511
El Paso, TX 79961
Attn: John E. Balliew

Job#: 437.0961
PO#: 63468/14023
Workorder#: W23370
Report#: R00856
Phone #: 915-533-9701

Date Sampled: 7/6/89
Date Received: 7/7/89

Sampled By: Client
Analyzed by: CJ Belt

Lab#: J75751

Sample I.D.: ROSEWOOD & MISSOURI

Sample ashed: NO
Sample volume filtered (ml): 50
Number of grid squares counted: 20
Analytical sensitivity (MFL): 0.1

CHRYSTILE FIBERS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

AMPHIBOLE FIBERS (*)

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

CHRYSTILE FIBERS > 10 MICRONS

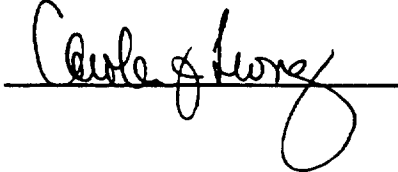
Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

TOTAL FIBERS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

Approved by



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AUG 22 1989

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**Report of Asbestos Analysis
in water**

El Paso Utilities Pub. Service Board
320 S. Campbell St.
P. O. Box 511
El Paso, TX 79961
Attn: John E. Balliew

Job#: 437.0961
PO#: 63468/14023
Workorder#: W23370
Report#: R00861
Phone #: 915-533-9701

Date Sampled: 7/6/89
Date Received: 7/7/89

Sampled By: Client
Analyzed by: CJ Belt

Lab#: J75756

Sample I.D.: WESTERN SKIES & PINE

Sample ashed: NO
Sample volume filtered (ml): 50
Number of grid squares counted: 20
Analytical sensitivity (MFL): 0.1

CHRYSTILE FIBERS

CHRYSTILE FIBERS > 10 MICRONS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

AMPHIBOLE FIBERS (*)

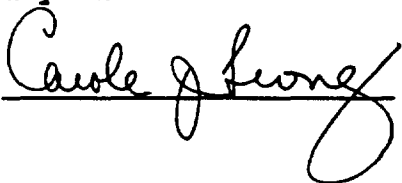
TOTAL FIBERS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

Approved by



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AUG 22 1989
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(818) 796-9141 / (213) 681-4255 Telex 67-5420

Report of Asbestos Analysis
in water

El Paso Utilities Pub. Service Board
320 S. Campbell St.
P. O. Box 511
El Paso, TX 79961
Attn: John E. Balliew

Job#: 437.0961
PO#: 63468/14023
Workorder#: W23370
Report#: R00859
Phone #: 915-533-9701

Date Sampled: 7/6/89
Date Received: 7/7/89

Sampled By: Client
Analyzed by: CJ Belt

Lab#: J75754

Sample I.D.: SAN JOSE & KENTUCKY

Sample ashed: NO
Sample volume filtered (ml): 50
Number of grid squares counted: 20
Analytical sensitivity (MFL): 0.1

CHRYSTILE FIBERS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

AMPHIBOLE FIBERS (*)

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

CHRYSTILE FIBERS > 10 MICRONS

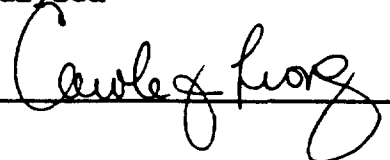
Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

TOTAL FIBERS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

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Report of Asbestos Analysis
in water

El Paso Utilities Pub. Service Board
320 S. Campbell St.
P. O. Box 511
El Paso, TX 79961
Attn: John E. Balliew

Job#: 437.0961
PO#: 63468/14023
Workorder#: W23370
Report#: R00858
Phone #: 915-533-9701

Date Sampled: 7/6/89
Date Received: 7/7/89

Sampled By: Client
Analyzed by: CJ Belt

Lab#: J75753

Sample I.D.: ELPCC VALLEVERDE

Sample ashed: NO
Sample volume filtered (ml): 50
Number of grid squares counted: 20
Analytical sensitivity (MFL): 0.1

CHRYSTILE FIBERS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

CHRYSTILE FIBERS > 10 MICRONS

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

AMPHIBOLE FIBERS (*)

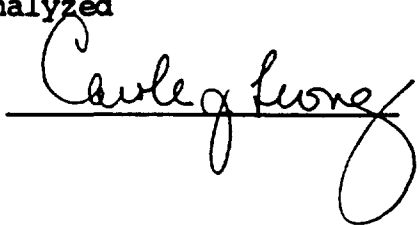
Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

TOTAL FIBERS-

Number of fibers counted: 0.0
Mean fiber conc. (MFL): 0.0
Upper 95% conf. limit (MFL): 0.0
Lower 95% conf. limit (MFL): 0.0
Estimated mass (ug/l): 0.0

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

Approved by



APPROVED

AUG 22 1989

QC OFFICER

John E. Balliew

Electric Water Utilities

Field Personnel (Signature)

Field Project ID No.

Laboratory Project ID No.

[illegible]

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555 East Walnut Street, Pasadena, California 91101
(818) 796-9141 / (213) 681-4255 Telex 67-5420

Report of Asbestos Analysis
in water

El Paso Water Utilities
North East Place
P. O. Box 511
El Paso, TX 79961
Attn: John E. Balliew

Job#/PO#: 61372
Workorder#: W11555
Report#: R47332
Phone #: 915-821-0616

Date Sampled: 4/27/87
Date Received: 5/1/87

Sampled By: CLIENT
Analyzed by: Y.DEKAY

Lab number: H57332

Sample I.D. : MESA & KERN-4/28/87

Detection limit (MFL): 0.1

Total fibers (MFL): ND

Ashed sample: NO

Chrysotile Fibers

Number of grid
squares counted: 20

Number (MFL): ND
Mass (ug/l): ND

Sample volume filtered (ml): 50

Chrysotile fibers > 10 microns

Number of fibers counted

Number (MFL): ND
Mass (ug/l): ND

Chrysotile > 10 microns: ND

Total Chrysotile: ND

Amphibole: ND

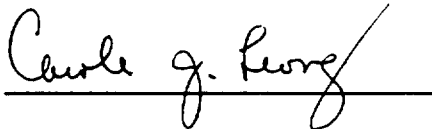
Total Fibers: ND

Amphibole Fibers (*)

Number (MFL): ND
Mass (ug/l): ND

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

Approved by



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JUN 19 1987

CC OFFICER

MONTGOMERY LABORATORIES
a division of James M. Montgomery, Consulting Engineers, Inc.
555 East Walnut Street, Pasadena, California 91101
(818) 796-9141 / (213) 681-4255 Telex 67-5420

Report of Asbestos Analysis
in water

El Paso Water Utilities
North East Place
P. O. Box 511
El Paso, TX 79961
Attn: John E. Balliew

Job#/PO#: 61372
Workorder#: W11555
Report#: R47329
Phone #: 915-821-0616

Date Sampled: 4/27/87
Date Received: 5/1/87

Sampled By: CLIENT
Analyzed by: CJ BELT

Lab number: H57329

Sample I.D. : SAN JUAN & KENTUCKY-4/28/87

Detection limit (MFL): 0.1

Total fibers (MFL): ND

Ashed sample: NO

Chrysotile Fibers

Number of grid
squares counted: 20

Number (MFL): ND
Mass (ug/l): ND

Sample volume filtered (ml): 50

Chrysotile fibers > 10 microns

Number of fibers counted

Number (MFL): ND
Mass (ug/l): ND

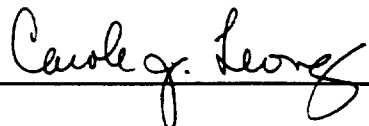
Chrysotile > 10 microns: ND
Total Chrysotile: ND
Amphibole: ND
Total Fibers: ND

Amphibole Fibers (*)

Number (MFL): ND
Mass (ug/l): ND

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

Approved by



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JUN 19 1987

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555 East Walnut Street, Pasadena, California 91101
(818) 796-9141 / (213) 681-4255 Telex 67-5420

Report of Asbestos Analysis
in water

El Paso Water Utilities
North East Place
P. O. Box 511
El Paso, TX 79961
Attn: John E. Balliew

Job#/PO#: 61372
Workorder#: W11555
Report#: R47328
Phone #: 915-821-0616

Date Sampled: 4/27/87
Date Received: 5/1/87

Sampled By: CLIENT
Analyzed by: Y.DEKAY

Lab number: H57328

Sample I.D. : ROSEWOOD & MISSOURI-4/27/87

Detection limit (MFL): 0.1

Total fibers (MFL): ND

Ashed sample: NO

Chrysotile Fibers

Number of grid
squares counted: 20

Number (MFL): ND
Mass (ug/l): ND

Sample volume filtered (ml): 50

Chrysotile fibers > 10 microns

Number of fibers counted

Number (MFL): ND
Mass (ug/l): ND

Chrysotile > 10 microns: ND

Total Chrysotile: ND

Amphibole: ND

Total Fibers: ND

Amphibole Fibers (*)

Number (MFL): ND
Mass (ug/l): ND

(*) Probable amphibole

MFL: Million Fibers per Liter

ND : Not detected

NA : Not analyzed

Approved by Carley Leong

APPROVED

JUN 19 1987

CC OFFICER

MONTGOMERY LABORATORIES
a division of James M. Montgomery, Consulting Engineers, Inc.
555 East Walnut Street, Pasadena, California 91101
(818) 796-9141 / (213) 681-4255 Telex 67-5420

Report of Asbestos Analysis
in water

El Paso Water Utilities
North East Place
P. O. Box 511
El Paso, TX 79961
Attn: John E. Balliew

Job#/PO#: 61372
Workorder#: W11555
Report#: R47331
Phone #: 915-821-0616

Date Sampled: 4/27/87
Date Received: 5/1/87

Sampled By: CLIENT
Analyzed by: CJ BELT

Lab number: H57331

Sample I.D. : ROUNDROCK & SUGARLAND-4/28/87

Detection limit (MFL): 0.1

Total fibers (MFL): 0.6

Ashed sample: NO

Chrysotile Fibers

Number of grid
squares counted: 20

Number (MFL): 0.6
Mass (ug/l): 0.005

Sample volume filtered (ml): 50

Chrysotile fibers > 10 microns

Number of fibers counted

Number (MFL): ND
Mass (ug/l): ND

Chrysotile > 10 microns: ND
Total Chrysotile: 5
Amphibole: ND
Total Fibers: 5

Amphibole Fibers (*)

Number (MFL): ND
Mass (ug/l): ND

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

Report of Asbestos Analysis
(continued)

Lab number: H57331

Sample I.D. : ROUNDROCK & SUGARLAND-4/28/87

SIZE DISTRIBUTION
CHRYSTILE

		Fiber Length (Microns)				
		0-0.49	0.5-0.99	1.0-1.49	1.5-1.99	2.0-2.49
						2.5-UP
# of fibers -		0	5	0	0	0
		Fiber Width (Microns)				
		0-0.04	0.05-0.09	0.1-0.14	0.15-0.19	0.2-0.24
						0.25-UP
# of fibers -		1	3	1	0	0
		Aspect Ratio (L/W)				
		0-9.9	10-19.9	20-29.9	30-39.9	40-49.9
						50 - UP
# of fibers -		2	3	0	0	0

(*) Probable amphibole

MFL: Million Fibers per Liter

ND : Not detected

NA : Not analyzed

Approved by Charles J. Long

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Attn: John E. Balliew

Job#/PO#: 61372
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Report#: R47330
Phone #: 915-821-0616

Date Sampled: 4/27/87
Date Received: 5/1/87

Sampled By: CLIENT
Analyzed by: CJ BELT

Lab number: H57330

Sample I.D. : NE PLANT-4/28/87

Detection limit (MFL): 0.1

Total fibers (MFL): 0.3

Ashed sample: NO

Chrysotile Fibers

Number of grid
squares counted: 20

Number (MFL): 0.3
Mass (ug/l): 0.002

Sample volume filtered (ml): 50

Chrysotile fibers > 10 microns

Number of fibers counted

Number (MFL): ND
Mass (ug/l): ND

Chrysotile > 10 microns: ND
Total Chrysotile: 3
Amphibole: ND
Total Fibers: 3

Amphibole Fibers (*)

Number (MFL): ND
Mass (ug/l): ND

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

Report of Asbestos Analysis
(continued)

Lab number: H57330

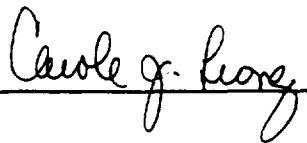
Sample I.D. : NE PLANT-4/28/87

SIZE DISTRIBUTION
CHRYSTOTILE

		Fiber Length (Microns)				
		0-0.49	0.5-0.99	1.0-1.49	1.5-1.99	2.0-2.49
						2.5-UP
# of fibers -		1	1	1	0	0
		Fiber Width (Microns)				
		0-0.04	0.05-0.09	0.1-0.14	0.15-0.19	0.2-0.24
						0.25-UP
# of fibers -		0	3	0	0	0
		Aspect Ratio (L/W)				
		0-9.9	10-19.9	20-29.9	30-39.9	40-49.9
						50 - UP
# of fibers -		1	2	0	0	0

(*) Probable amphibole
MFL: Million Fibers per Liter
ND : Not detected
NA : Not analyzed

Approved by



APPROVED
JUN 19 1987
CC OFFICER

JUN 20 01 12:37 0581

SCOTT, HULSE, MARSHALL, FEUILLE, FINGER & THURMOND, P.C.

ATTORNEYS AT LAW

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LOUIS A. SCOTT
(1895-1974)
JAMES F. HULSE
(1905-1989)

PLEASE ADDRESS FIRM
ATTN: WRITER

WRITER'S DIRECT
TELEPHONE
(915) 546-8201

E-MAIL
jall@scotthulse.com

June 21, 2001

Stephanie A. Finch
Baron & Budd
3102 Oaklawn Avenue, Suite 1100
Dallas, Texas 75219-4281

VIA CERTIFIED MAIL

Re: *In Re: All Asbestos-Related Personal Injury or Death Cases filed in El Paso
County, Texas, County Court at Law Number 3, Cause No. 96-333*

Dear Ms. Finch:

In response to your June 19, 2001 letter I have enclosed copies of the business records of the El Paso Water Utilities and the Affidavit of John E. Balliew.

Sincerely,


Jeffery S. Alley
For the Firm

enclosure

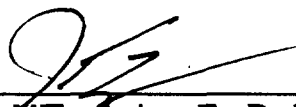
AFFIDAVIT

BEFORE ME, the undersigned authority, on this day personally appeared, **John E. Balliew**, who, being by me duly sworn, deposed as follows:

"My name is **John E. Balliew**. I am over eighteen (18) years of age, of sound mind, capable of making this Affidavit, and personally acquainted with the facts herein stated.

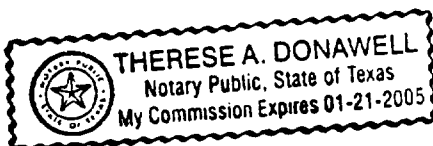
I am the custodian of records of **El Paso Water Utilities**, and, as such, I am the custodian of records attached to this Affidavit. The records attached to this Affidavit, consisting of 166 pages, are kept by me in the regular course of business, and it was the regular course of business for an employee or representative of **El Paso Water Utilities**, with knowledge of the act, event, condition, opinion, or information recorded, to make the records or transmit information thereof to be included in such records, and the records were made at or near the time of the occurrence or reasonable soon thereafter.

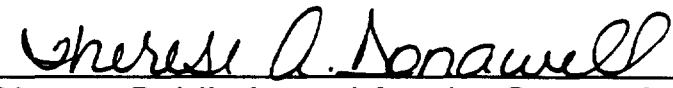
The records attached hereto are the originals or exact duplicates of the originals."



AFFIANT, John E. Balliew

SUBSCRIBED AND SWORN TO BEFORE ME, on this the 11th day of May, 2001.





Notary Public in and for the State of Texas