



Appendix E

Clearance Samples



**PRECISION
ANALYSIS, INC.**

PROJECT 7501

**AIR MONITORING RESULTS FOR
ENVIROTECH, INC.**

AT

**GSA - BUILDING 107 - LEVEL 1
ASBESTOS REMOVAL PROJECT**

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**PRECISION
ANALYSIS**

Laboratory Reports



PRECISION ANALYSIS, INC.

AIRBORNE ASBESTOS ANALYSIS REPORT

Client: Envirotech, Inc.
Location: GSA - Building 107 - Level 1
Client Project No.: 7501

Date Received: 10-31-12

Date Reported: 10-31-12

Analytical Technique: NIOSH Method 7400 *

Lab No.	Sample No.	Date Taken	Sample Description	Volume Liters	LRQ ** f/cc	Result f/cc
207516	001	10-31-12	Field Blank	N/A	N/A	No Fibers
207517	002	10-31-12	Field Blank	N/A	N/A	No Fibers
207518	003	10-31-12	Background Sample Inside Area Sample Phase 1- North End - SW	900	0.005	< 0.005
207519	004	10-31-12	Background Sample Inside Area Sample Phase 1- North End - Center	900	0.005	< 0.005
207520	005	10-31-12	Background Sample Inside Area Sample Phase 1- North End - SE	900	0.005	< 0.005
207521	006	10-31-12	Background Sample Inside Area Sample Phase 1- North End - NE	900	0.005	< 0.005
207522	007	10-31-12	Background Sample Inside Area Sample Phase 1- North End - NW	900	0.005	< 0.005

* This method is not specific for asbestos.

** Lower limit of reliable quantification, based on minimum 0.1 fibers/field.

OVERLOAD DESCRIPTIONS

OL-FP - Overload fibrous particulate
OL-NFP - Overload non-fibrous particulate
OL-MIXED - Overload mixed fibrous and non-fibrous particulate

(b) (6)

Paul Spell
Laboratory Director

Asbestos Analysts Registry Board Certified Analyst #5628
AIHA Proficiency Analytical Testing Program # 101228



PRECISION ANALYSIS, INC.

AIRBORNE ASBESTOS ANALYSIS REPORT

Client: Envirotech, Inc.
Location: GSA - Building 107 - Level 1
Client Project No.: 7501

Date Received: 11-15-12

Date Reported: 11-15-12

Analytical Technique: NIOSH Method 7400 *

Lab No.	Sample No.	Date Taken	Sample Description	Volume Liters	LRQ ** f/cc	Result f/cc
207523	008	11-15-12	Field Blank	N/A	N/A	No Fibers
207524	009	11-15-12	Field Blank	N/A	N/A	No Fibers
207525	010	11-15-12	Perimeter Sample Outside Area Sample-Level 1 Outside S Stairwell/Removal	1675	0.003	< 0.003
207526	011	11-15-12	Perimeter Sample Outside Area Sample Center of Level 1-Decon/Removal	1675	0.003	0.004
207527	012	11-15-12	Hepa Exhaust Sample Outside Area Sample-Inside Hepa Exhaust Tube/Removal	1650	0.003	< 0.003
207528	013	11-15-12	Excursion Sample Kevin Curthis/XXX-XX-1985 In Containment/Removal	60	0.082	0.082
207529	014	11-15-12	Personnel Sample Kevin Curthis/XXX-XX-1985 In Containment/Removal	550	0.009	0.034

* This method is not specific for asbestos.

** Lower limit of reliable quantification, based on minimum 0.1 fibers/field.

OVERLOAD DESCRIPTIONS

OL-FP - Overload fibrous particulate
OL-NFP - Overload non-fibrous particulate
OL-MIXED - Overload mixed fibrous and non-fibrous particulate

(b) (6)

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Laboratory Director

Asbestos Analysts Registry Board Certified Analyst #5628
AIHA Proficiency Analytical Testing Program # 101228



PRECISION ANALYSIS, INC.

AIRBORNE ASBESTOS ANALYSIS REPORT

Client: Envirotech, Inc.
Location: GSA - Building 107 - Level 1
Client Project No.: 7501

Date Received: 11-16-12

Date Reported: 11-16-12

Analytical Technique: NIOSH Method 7400 *

Lab No.	Sample No.	Date Taken	Sample Description	Volume Liters	LRQ ** f/cc	Result f/cc
207530	015	11-16-12	Field Blank	N/A	N/A	No Fibers
207531	016	11-16-12	Field Blank	N/A	N/A	No Fibers
207532	017	11-16-12	Perimeter Sample Outside Area Sample-Level 1 Outside S Stairwell/Removal	1850	0.003	< 0.003
207533	018	11-16-12	Perimeter Sample Outside Area Sample Center of Level 1-Decon/Removal	1850	0.003	0.003
207534	019	11-16-12	Hepa Exhaust Sample Outside Area Sample-Inside Hepa Exhaust Tube/Removal	1850	0.003	< 0.003
207535	020	11-16-12	Excursion Sample Kevin Curthis/XXX-XX-1985 In Containment/Removal	60	0.082	< 0.082
207536	021	11-16-12	Personnel Sample Kevin Curthis/XXX-XX-1985 In Containment/Removal	680	0.007	0.013
207537	022	11-16-12	Clearance Sample Inside Area Sample Level 1-North End-NW	900	0.005	< 0.005

* This method is not specific for asbestos.

** Lower limit of reliable quantification, based on minimum 0.1 fibers/field.

OVERLOAD DESCRIPTIONS

FP - Overload fibrous particulate
OL-NFP - Overload non-fibrous particulate
OL-MIXED - Overload mixed fibrous and non-fibrous particulate



PRECISION ANALYSIS, INC.

AIRBORNE ASBESTOS ANALYSIS REPORT

Client: Envirotech, Inc.
 Location: GSA - Building 107 - Level 1
 Client Project No.: 7501

Date Received: 11-16-12

Date Reported: 11-16-12

Analytical Technique: NIOSH Method 7400 *

Lab No.	Sample No.	Date Taken	Sample Description	Volume Liters	LRQ ** f/cc	Result f/cc
207538	023	11-16-12	Clearance Sample Inside Area Sample Level 1-North End-NE	900	0.005	< 0.005
207539	024	11-16-12	Clearance Sample Inside Area Sample Level 1-North End-Center	900	0.005	< 0.005
207540	025	11-16-12	Clearance Sample Inside Area Sample Level 1-North End-SE	900	0.005	< 0.005
207541	026	11-16-12	Clearance Sample Inside Area Sample Level 1-North End-SW	900	0.005	< 0.005

* This method is not specific for asbestos.

** Lower limit of reliable quantification, based on minimum 0.1 fibers/field.

OVERLOAD DESCRIPTIONS

OL-FP - Overload fibrous particulate
 OL-NFP - Overload non-fibrous particulate
 OL-MIXED - Overload mixed fibrous and non-fibrous particulate

(b) (6)

Paul Spell
 Laboratory Director

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 AIHA Proficiency Analytical Testing Program # 101228



PRECISION ANALYSIS, INC.

AIRBORNE ASBESTOS ANALYSIS REPORT

Client: Envirotech, Inc.
Location: GSA - Building 107 - Level 1
Client Project No.: 7501

Date Received: 12-05-12

Date Reported: 12-06-12

Analytical Technique: NIOSH Method 7400 *

Lab No.	Sample No.	Date Taken	Sample Description	Volume Liters	LRQ ** f/cc	Result f/cc
207542	027	12-05-12	Field Blank	N/A	N/A	No Fibers
207543	028	12-05-12	Field Blank	N/A	N/A	No Fibers
207544	029	12-05-12	Perimeter Sample Outside Area Sample Center of Level 1-Decon/Removal	2300	0.002	0.006
207545	030	12-05-12	Perimeter Sample Outside Area Sample-Level 1 South End-Elevator Lobby/Removal	2300	0.002	0.008
207546	031	12-05-12	Hepa Exhaust Sample Outside Area Sample-Inside Hepa Exhaust Tube/Removal	2250	0.002	< 0.002
207547	032	12-05-12	Excursion Sample Kevin Curthis/XXX-XX-1985 In Containment/Removal	60	0.082	0.098
207548	033	12-05-12	Personnel Sample Kevin Curthis/XXX-XX-1985 In Containment/Removal	830	0.006	0.015

* This method is not specific for asbestos.

** Lower limit of reliable quantification, based on minimum 0.1 fibers/field.

OVERLOAD DESCRIPTIONS

OL-FP - Overload fibrous particulate
OL-NFP - Overload non-fibrous particulate
OL-MIXED - Overload mixed fibrous and non-fibrous particulate

(b) (6)

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PRECISION ANALYSIS, INC.

AIRBORNE ASBESTOS ANALYSIS REPORT

Client: Envirotech, Inc.
Location: GSA - Building 107 - Level 1
Client Project No.: 7501

Date Received: 12-06-12

Date Reported: 12-07-12

Analytical Technique: NIOSH Method 7400 *

Lab No.	Sample No.	Date Taken	Sample Description	Volume Liters	LRQ ** f/cc	Result f/cc
207549	034	12-06-12	Field Blank	N/A	N/A	No Fibers
207550	035	12-06-12	Field Blank	N/A	N/A	No Fibers
207551	036	12-06-12	Perimeter Sample Outside Area Sample Center of Level 1-Decon/Removal	2375	0.002	< 0.002
207552	037	12-06-12	Perimeter Sample Outside Area Sample-Level 1 South End-Elevator Lobby/Removal	2375	0.002	< 0.002
207553	038	12-06-12	Hepa Exhaust Sample Outside Area Sample-Inside Hepa Exhaust Tube/Removal	2370	0.002	< 0.002
207554	039	12-06-12	Excursion Sample Kevin Curthis/XXX-XX-1985 In Containment/Removal	60	0.082	< 0.082
207555	040	12-06-12	Personnel Sample Kevin Curthis/XXX-XX-1985 In Containment/Removal	884	0.006	0.008

* This method is not specific for asbestos.

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OVERLOAD DESCRIPTIONS

OL-FP - Overload fibrous particulate
OL-NFP - Overload non-fibrous particulate
OL-MIXED - Overload mixed fibrous and non-fibrous particulate

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PRECISION ANALYSIS, INC.

AIRBORNE ASBESTOS ANALYSIS REPORT

Client: Envirotech, Inc.
Location: GSA - Building 107 - Level 1
Client Project No.: 7501

Date Received: 12-07-12

Date Reported: 12-07-12

Analytical Technique: NIOSH Method 7400 *

Lab No.	Sample No.	Date Taken	Sample Description	Volume Liters	LRQ ** f/cc	Result f/cc
207556	041	12-07-12	Field Blank	N/A	N/A	No Fibers
207557	042	12-07-12	Field Blank	N/A	N/A	No Fibers
207558	043	12-07-12	Perimeter Sample Outside Area Sample Center of Level 1-Decon/Removal	850	0.006	< 0.006
207559	044	12-07-12	Perimeter Sample Outside Area Sample-Level 1 South End-Entry Doos/Removal	900	0.005	< 0.005
207560	045	12-07-12	Hepa Exhaust Sample Outside Area Sample-Inside Hepa Exhaust Tube/Removal	850	0.006	< 0.006
207561	046	12-07-12	Excursion Sample Kevin Curthis/XXX-XX-1985 In Containment/Removal	60	0.082	< 0.082
207562	047	12-07-12	Personnel Sample Kevin Curthis/XXX-XX-1985 In Containment/Removal	270	0.018	< 0.018
207563	048	12-07-12	Clearance Sample Inside Area Sample Level 1-South End-North	900	0.005	< 0.005

* This method is not specific for asbestos.

** Lower limit of reliable quantification, based on minimum 0.1 fibers/field.

OVERLOAD DESCRIPTIONS

- FP - Overload fibrous particulate
- OL-NFP - Overload non-fibrous particulate
- OL-MIXED - Overload mixed fibrous and non-fibrous particulate



**PRECISION
ANALYSIS, INC.**

AIRBORNE ASBESTOS ANALYSIS REPORT

Client: Envirotech, Inc.
 Location: GSA - Building 107 - Level 1
 Client Project No.: 7501

Date Received: 12-07-12
 Date Reported: 12-07-12

Analytical Technique: NIOSH Method 7400 *

<u>Lab No.</u>	<u>Sample No.</u>	<u>Date Taken</u>	<u>Sample Description</u>	<u>Volume Liters</u>	<u>LRQ ** f/cc</u>	<u>Result f/cc</u>
207564	049	12-07-12	Clearance Sample Inside Area Sample Level 1-South End-West	900	0.005	< 0.005
207565	050	12-07-12	Clearance Sample Inside Area Sample Level 1-South End-Center	900	0.005	< 0.005
207566	051	12-07-12	Clearance Sample Inside Area Sample Level 1-South End-East	900	0.005	< 0.005
207567	052	12-07-12	Clearance Sample Inside Area Sample Level 1-South End-South	900	0.005	0.005

* This method is not specific for asbestos.

** Lower limit of reliable quantification, based on minimum 0.1 fibers/field.

OVERLOAD DESCRIPTIONS

- OL-FP - Overload fibrous particulate
- OL-NFP - Overload non-fibrous particulate
- OL-MIXED - Overload mixed fibrous and non-fibrous particulate

(b) (6)

Paul Spell
 Laboratory Director

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**PRECISION
ANALYSIS**

Daily Field Logs



PRECISION ANALYSIS, INC.

DAILY FIELD LOG

Page 1 of 2

Project Name: GSA - BLIND 107

Date: 10/31/12

Project Number: 7501

Report By: RYAN SPELL

Client: ENVIROTECH

Contractor: ENVIROTECH

Work Area: LEVEL 9 - BLASE I - N. END OF BLDG

Supervisor: JOHN BECKER

No. of Samples Taken: 7

No. of Workers: 5

Time Period: 7AM - 10AM

% of Work Completed: _____

TYPE OF ACTIVITY: N/A

- Pre-Cleaning
- Equip./Fixture Removal
- Glovebagging
- Loadout
- Plasticize/Containment Construction
- Abatement
- Cleaning
- Final Clearance.

WORK PRACTICES: N/A

- Adequate Wetting
- HEPA Vacuum
- Wet Wiping
- Warning Signs Posted
- Proper Decontamination Procedures
- Isolation/Containment Barriers Intact
- Adequate Negative Pressure
- Double-Bagging

PROTECTIVE EQUIPMENT: N/A

- Disposable Coveralls
- Boots
- Gloves
- Goggles
- Hard Hats
- 1/2 Face Respirator
- Full Face Respirator
- PAPR
- Type "C" Supplied Air
- SCBA

JOB SITE CONDITIONS: Demolition in area; high winds, other _____

 (b) (6)

 SIGNATURE



PRECISION ANALYSIS, INC.

DAILY FIELD LOG

Page 2 of 2

Date 10/31/12

Project # 7501

COMMENTS: Description of setup, location of negative air machines, any unusual circumstances or changes, location of decontamination sequence, high air readings, recording of work performed while on site, etc.

Running backgrounds in area that will be contained
for removal of pipe ACM.

ACTIONS TO BE TAKEN: Get documentation, need inspection, take bulk asbestos samples, run finals, recommendations for lowering air counts, etc.



PRECISION ANALYSIS, INC.

DAILY FIELD LOG

Page 1 of 2

Project Name: GSA - Bldg 107

Date: 11/14/12

Project Number: 7501

Report By: RYAN SPELL

Client: ENVIAOTECH, INC.

Contractor: ENVIAOTECH

Work Area: LEVEL 9 - NORTH END (PHASE I)

Supervisor: JOHN BICKER

No. of Samples Taken: 12

No. of Workers: 4

Time Period: 7AM - 3:30PM

% of Work Completed: 100

TYPE OF ACTIVITY:

Pre-Cleaning

Loadout

Cleaning

Equip./Fixture Removal

Plasticize/Containment Construction

Glovebagging

Abatement Final Clearance

WORK PRACTICES:

Adequate Wetting

Proper Decontamination Procedures

HEPA Vacuum

Isolation/Containment Barriers Intact

Wet Wiping

Adequate Negative Pressure

Warning Signs Posted

Double-Bagging

PROTECTIVE EQUIPMENT:

Disposable Coveralls

1/2 Face Respirator

Boots

Full Face Respirator

Gloves

PAPR

Goggles

Type "C" Supplied Air

Hard Hats

SCBA

JOB SITE CONDITIONS: Demolition in area, high winds, other _____

DEMO IN AREA

(b) (6)

SIGNATURE _____



PRECISION ANALYSIS, INC.

DAILY FIELD LOG

Page 2 of 2

Date 11/14/12

Project # 7501

COMMENTS: Description of setup, location of negative air machines, any unusual circumstances or changes, location of decontamination sequence, high air readings, recording of work performed while on site, etc.

7am → Precision Analysis and Envirotech on site.
Set up air Envirotech cutting down pipes and beginning
mastic removal. 1:30pm → All removal finished. Visual
passed. Began running final clearances. When
clearances are finished, they will be taken to lab
for immediate results.

ACTIONS TO BE TAKEN: Get documentation, need inspection, take bulk
asbestos samples, run finals, recommendations for lowering air
counts, etc.



PRECISION ANALYSIS, INC.

DAILY FIELD LOG

Page 1 of 2

Project Name: GSA-Build 107

Date: 11/15/12

Project Number: 7501

Report By: RYAN SPELL

Client: ENVIROTECH, INC.

Contractor: ENVIROTECH

Work Area: LEVEL 7 - NORTH END

Supervisor: JOHN BECKER

No. of Samples Taken: 7

No. of Workers: 4

Time Period: 9AM -> 3:30PM

% of Work Completed: 40

TYPE OF ACTIVITY:

Pre-Cleaning

Loadout Cleaning

Equip./Fixture Removal

Plasticize/Containment Construction

Glovebagging

Abatement Final Clearance

WORK PRACTICES:

Adequate Wetting

Proper Decontamination Procedures

HEPA Vacuum

Isolation/Containment Barriers Intact

Wet Wiping

Adequate Negative Pressure

Warning Signs Posted

Double-Bagging

PROTECTIVE EQUIPMENT:

Disposable Coveralls

1/2 Face Respirator

Boots

Full Face Respirator

Gloves

PAPR

Goggles

Type "C" Supplied Air

Hard Hats

SCBA

JOB SITE CONDITIONS: Demolition in area, high winds, other _____

Demolition Area

(b) (6)

SIGNATURE _____



PRECISION ANALYSIS, INC.

DAILY FIELD LOG

Page 2 of 2

Date 11/15/12

Project # 7501

COMMENTS: Description of setup, location of negative air machines, any unusual circumstances or changes, location of decontamination sequence, high air readings, recording of work performed while on site, etc.

9am → Precision on site, Envirotech finishing up prep work. Set up air. Took bulk sample of paper on ceiling. 10am → Removal of piping and floor tile begins. 3pm → All floor tile removal finished and 90% is loaded out. Turned off air. Left job site.

ACTIONS TO BE TAKEN: Get documentation, need inspection, take bulk asbestos samples, run finals, recommendations for lowering air counts, etc.



PRECISION ANALYSIS, INC.

DAILY FIELD LOG

Page 1 of 2

Project Name: GSA - Bldg 107

Date: 12/5/12

Project Number: 7501

Report By: Ryan Speck

Client: ENVIROTECH, INC.

Contractor: ENVIROTECH

Work Area: LEVEL 1 - S. END (PHASE II)

Supervisor: JOHN BECKER

No. of Samples Taken: 7

No. of Workers: 4

Time Period: 7AM - 3:30PM

% of Work Completed:

TYPE OF ACTIVITY:

- Pre-Cleaning
- Loadout
- Cleaning
- Equip./Fixture Removal
- Plasticize/Containment Construction
- Glovebagging
- Abatement
- Final Clearance

WORK PRACTICES:

- Adequate Wetting
- Proper Decontamination Procedures
- HEPA Vacuum
- Isolation/Containment Barriers Intact
- Wet Wiping
- Adequate Negative Pressure
- Warning Signs Posted
- Double-Bagging

PROTECTIVE EQUIPMENT:

- Disposable Coveralls
- 1/2 Face Respirator
- Boots
- Full Face Respirator
- Gloves
- PAPR
- Goggles
- Type "C" Supplied Air
- Hard Hats
- SCBA

JOB SITE CONDITIONS: Demolition in area, high winds, other

DEMO IN NORTH END OF LEVEL 1

(b) (6)

SIGNATURE



PRECISION ANALYSIS, INC.

DAILY FIELD LOG

Page 2 of 2

Date 12/5/12

Project # 7501

COMMENTS: Description of setup, location of negative air machines, any unusual circumstances or changes, location of decontamination sequence, high air readings, recording of work performed while on site, etc.

FAM - Precision Analysis and Envirotech on site. Set up air. 7:45 AM - Envirotech begins removal in containment. They are removing floor tiles, pipes and plaster under pipes. 3 PM - Envirotech has finished all removal for day. They have just floor tile mastic left to remove and then final cleaning.

ACTIONS TO BE TAKEN: Get documentation, need inspection, take bulk asbestos samples, run finals, recommendations for lowering air counts, etc.



PRECISION ANALYSIS, INC.

DAILY FIELD LOG

Page 1 of 2

Project Name: GSA - Bldg 107

Date: 12/6/12

Project Number: 7501

Report By: Ryan Spren

Client: ENVIAOTECH, INC.

Contractor: ENVIAOTECH

Work Area: LEVEL 1 - S END (PHASE II)

Supervisor: JOHN BECKER

No. of Samples Taken: 7

No. of Workers: 4

Time Period: 7AM - 3:30PM

% of Work Completed: 052

TYPE OF ACTIVITY:

- Pre-Cleaning
- Loadout
- Cleaning
- Equip./Fixture Removal
- Plasticize/Containment Construction
- Glovebagging
- Abatement
- Final Clearance.

WORK PRACTICES:

- Adequate Wetting
- Proper Decontamination Procedures
- HEPA Vacuum
- Isolation/Containment Barriers Intact
- Wet Wiping
- Adequate Negative Pressure
- Warning Signs Posted
- Double-Bagging

PROTECTIVE EQUIPMENT:

- Disposable Coveralls
- 1/2 Face Respirator
- Boots
- Full Face Respirator
- Gloves
- PAPR
- Goggles
- Type "C" Supplied Air
- Hard Hats
- SCBA

JOB SITE CONDITIONS: Demolition in area; high winds, other _____

Demolition in North End of Bldg

(b) (6)

SIGNATURE



PRECISION ANALYSIS, INC.

DAILY FIELD LOG

Page 2 of 2

Date 12/6/12 Project # 7501

COMMENTS: Description of setup, location of negative air machines, any unusual circumstances or changes, location of decontamination sequence, high air readings, recording of work performed while on site, etc.

*Fam⁷ Precision Analysis and Envirotech on site.
Set up neg. Envirotech is taking up waste in containment
and will begin sweeping floors with sweeping compound.*

ACTIONS TO BE TAKEN: Get documentation, need inspection, take bulk asbestos samples, run finals, recommendations for lowering air counts, etc.



PRECISION ANALYSIS, INC.

DAILY FIELD LOG

Page 1 of 2

Project Name: GSA - Bldg 107

Date: 12/7/12

Project Number: 7601

Report By: RYAN SPEL

Client: ENVIROTECH, INC.

Contractor: ENVIROTECH

Work Area: LEVEL 9 - S FWD (PHASES II & III)

Supervisor: JOAN BICKER

No. of Samples Taken: 12

No. of Workers: 4

Time Period: 5PM - 10PM

% of Work Completed: 100

TYPE OF ACTIVITY:

Pre-Cleaning

Loadout Cleaning

Equip./Fixture Removal

Plasticize/Containment Construction

Glovebagging

Abatement Final Clearance

WORK PRACTICES:

Adequate Wetting

Proper Decontamination Procedures

HEPA Vacuum

Isolation/Containment Barriers Intact

Wet Wiping

Adequate Negative Pressure

Warning Signs Posted

Double-Bagging

PROTECTIVE EQUIPMENT:

Disposable Coveralls

1/2 Face Respirator

Boots

Full Face Respirator

Gloves

PAPR

Goggles

Type "C" Supplied Air

Hard Hats

SCBA

JOB SITE CONDITIONS: Demolition in area; high winds, other _____

DEMO EARLIER IN DAY IN NORTH END

(b) (6)

SIGNATURE



PRECISION ANALYSIS, INC.

DAILY FIELD LOG

Page 2 of 2

Date 12/7/12 Project # 7501

COMMENTS: Description of setup, location of negative air machines, any unusual circumstances or changes, location of decontamination sequence, high air readings, recording of work performed while on site, etc.

5pm → Precision Analysis and Envirotech on site.
Envirotech prepping Elevator Lobby (Phase III) on level I. They have set up containment in lobby and are opening in to other containment (Phase II). They are beginning floor tile and mastic removal. 8pm → All removal finished. Visual passed. Set up final clearances. 8:10pm → Finals began. 9:10pm → Finals finished.
Taken back to lab for results.

ACTIONS TO BE TAKEN: Get documentation, need inspection, take bulk asbestos samples, run finals, recommendations for lowering air counts, etc.



**PRECISION
ANALYSIS**

Air Monitoring Data Sheets

DATE: 10/31/12

CLIENT: ENVIRONMENTAL TECH

JOB NAME: GSA - Bldg 107 - Level 1

JOB NUMBER: 7501

PRECISION ANALYSIS, INC.
22 ORVIETO COURT
FLORISSANT, MO 63031
(314) 838-5052

DAILY AIR MONITORING REPORT

Sample ID	Pump (L/m) Calibration	Cassette Type	Running Time		Volume (Liters)	Fibers/Field	Results Fibers/cc	LRQ** Fibers/cc	Sample Log No.
			Start	Stop					
-1	—	25mm	—	—	—	0/100	no fibers	—	207516
-2	—	25mm	—	—	—	0/100	no fibers	—	207517
-3	15.0	25mm	8:00AM	9:00AM	900	23/100	0.013	.005	207518
-4	15.0	25mm	—	—	900	30/100	0.016	.005	207519
-5	15.0	25mm	—	—	900	10/100	0.010	.005	207520
-6	15.0	25mm	—	—	900	29/100	0.016	.005	207521
-7	15.0	25mm	—	—	900	33/100	0.018	.005	207522

ANALYTICAL METHOD: NIOSH 7400 NIOSH PROFICIENCY ANALYTICAL TESTING ID No: 101228 ASBESTOS ANALYSTS REGISTRY No: 5628

Sample ID	Sample Type	Worker's Name	Social Security No.	Location	Inside/Outside	Activity	Type of Respirator	Results TWA	Results 30 Min. STEL
-1	BLK	—	—	—	—	—	—	—	—
-2	BLK	—	—	—	—	—	—	—	—
-3	B6D	—	—	Level 1 - Phase I - N. East - SW	I	B6D	—	—	—
-4	B6D	—	—	—	I	B6D	—	—	—
-5	B6D	—	—	—	I	B6D	—	—	—
-6	B6D	—	—	—	I	B6D	—	—	—
-7	B6D	—	—	—	I	B6D	—	—	—

COMMENTS: OL-FP = Overloaded Fibrous Particulate OL-NFP = Overloaded Nonfibrous Particulate OL-MIXED = Overloaded Fibrous / Nonfibrous Particulate
Clean Air Standard = ≤ 0.010 f/cc OSHA TWA Limit = ≤ 0.100 f/cc STEL Limit = ≤ 1.00 f/cc

SAMPLE TYPE: PRS = personal; PRM = perimeter; ENV = environmental; BGD = background; BLK = field blank
CL = clearance; FC = final clearance; HEX = hepa exhaust; ACTIVITY: REM = removal; EXC = excursion
CLN = clean-up; GLBG = glove bag; BGLO = bag load out; PREP = site prep; IC = inside containment;
OC = outside contain; RESP TYPE: HM = half mask neg; FF = full face neg; PAPER = powered
air purifying; SAC = supplied air const; SAPD = supplied air pressure demand; SCBA = SCBA

**LRQ - Limit of Reliable Quantification based on 0.1 fibers/field.

Sampled by: [Redacted] (b) (6)
Analyzed by: [Redacted] (b) (6)

DATE: 11/15/13

DAILY AIR MONITORING REPORT

PRECISION ANALYSIS, INC.
22 ORVIETO COURT
FLORISSANT, MO 63031
(314) 838-5052

CLIENT: ENVIRONMENTAL TECH, INC.

JOB NAME: GSA - Blag 107 - Level 1

JOB NUMBER: 7501

Sample ID	Pump (L/m) Calibration	Cassette Type	Running Time		Volume (Liters)	Fibers/Field	Results Fibers/cc	LRQ** Fibers/cc	Sample Log No.
			Start	Stop					
-8	—	25mm	—	—	—	0/100	NA F/100	—	207523
-9	—	25mm	—	—	—	0/100	NA F/100	—	207524
-10	5.0	25mm	9:35AM	3:10PM	1675	7/100	1,003	1003	207525
-11	5.0	25mm	9:35AM	3:10PM	1675	12/100	0,004	1,003	207526
-12	5.0	25mm	9:40AM	3:10PM	1650	1/100	1,003	1,003	207527
-13	2.0	25mm	10:00AM	10:30AM	60	1/100	0,002	1,002	207528
-14	2.0	25mm	10:50AM	3:05PM	550	30/100	0,034	1,009	207529

ANALYTICAL METHOD: NIOSH 7400 NIOSH PROFICIENCY ANALYTICAL TESTING ID No: 101228 ASBESTOS ANALYSTS REGISTRY No: 5628

Sample ID	Sample Type	Worker's Name	Social Security No.	Location	Inside/Outside	Activity	Type of Respirator	Results TWA	Results 30 Min. STEL
-8	BK	—	—	—	—	—	—	—	—
-9	BK	—	—	—	—	—	—	—	—
-10	ARM	—	—	Level 1 - Outside S Stairwell	O	REM	HM	—	—
-11	PRM	—	—	Center of Level 1	O	REM	HM	—	—
-12	HEX	—	—	Level 1 - Outside Jeon	O	REM	HM	—	—
-13	EXC	KENTON CURTIS	XXXX-XX-1895	In Neg Area Exhaust Tube	O	REM	HM	—	—
-14	RES	—	—	Worn By Worker	I	REM	HM	1,025	1,002
-14	RES	—	—	—	I	REM	HM	—	—

COMMENTS: OL-FP = Overloaded Fibrous Particulate OL-NFP = Overloaded Nonfibrous Particulate OL-MIXED = Overloaded Fibrous / Nonfibrous Particulate
Clean Air Standard = ≤ 0.040 f/cc OSHA TWA Limit = ≤ 0.100 f/cc STEL Limit = ≤ 1.00 f/cc

SAMPLE TYPE: PRS = personnel; PRM = perimeter; ENV = environmental; BGD = background; BLK = field blank
CL = clearance; FC = final clearance; HEX = hepa exhaust; ACTIVITY: REM = removal; EXO = excursion
CLN = clean-up; GLBG = glove bag; BGLO = bag load out; PREP = site prep; IC = inside containment;
OC = outside contain; RESP TYPE: HM = half mask neg; FF = full face neg; PAPP = powered air purifying; SAC = supplied air cons; SAPD = supplied air pressure demand; SCBA = SCBA

**LRQ - Limit of Reliable Quantification based on 0.1 fibers/field.
Sampled by: (b) (6)
Analyzed by: (b) (6)

DATE: 11/16/13

CLIENT: ENVITECH, INC.

JOB NAME: GSA - Bldg 107 - Phase I

JOB NUMBER: 7501

PRECISION ANALYSIS, INC.
22 ORVIETO COURT
FLORISSANT, MO 63031
(314) 838-5052

DAILY AIR MONITORING REPORT

Sample ID	Pump (L/m) Calibration	Cassette Type	Running Time		Volume (Liters)	Fibers/Field	Results Fibers/cc	LRQ** Fibers/cc	Sample Log No.
			Start	Stop					
-15	—	25mm	—	—	—	0/100	no fibers	—	207530
-16	—	25mm	—	—	—	2/100	no fibers	—	207531
-17	5.0	25mm	7:20AM	1:30PM	1850	8/100	<.003	.003	207532
-18	5.0	25mm	7:20AM	1:30PM	1850	10/100	0.003	.003	207533
-19	5.0	25mm	7:20AM	1:30PM	1850	1/100	<.003	.003	207534
-20	2.0	25mm	7:20AM	7:50AM	60	8/100	<.001	.001	207535
-21	2.0	25mm	7:50AM	1:30PM	680	18/100	0.013	.007	207536

ANALYTICAL METHOD: NIOSH 7400 NIOSH PROFICIENCY ANALYTICAL TESTING ID No: 101228 ASBESTOS ANALYSTS REGISTRY No: 5628

Sample ID	Sample Type	Worker's Name	Social Security No.	Location	Inside/Outside	Activity	Type of Respirator	Results TWA	Results 30 Min. STEL
-15	BK	—	—	—	—	—	—	—	—
-16	BK	—	—	—	—	—	—	—	—
-17	REM	—	—	Level 1 - Outside S Street Well	O	REM	HM	—	—
-18	REM	—	—	Center of Level 1 Outside Deck	O	REM	HM	—	—
-19	HEX	—	—	In Neg Air Exhaust Towers	O	REM	HM	—	—
-20	Exc	KEVIN CURTIS	XXX-XX-1895	WORK BY WORKER	I	REM	HM	0.014	<.002
-21	PKS	↓	↓	↓	I	REM	HM	—	—

COMMENTS: OL-FP = Overloaded Fibrous Particulate OL-NFP = Overloaded Nonfibrous Particulate OL-MIXED = Overloaded Fibrous / Nonfibrous Particulate
Clean Air Standard = ≤ 0.010 /cc OSHA TWA Limit = ≤ 1.00 f/cc STEL Limit = ≤ 1.00 f/cc

SAMPLE TYPE: PRS = personal; PRM = perimeter; ENV = environmental; BGD = background; BLK = field blank
CL = clearance; FC = final clearance; HEX = hepa exhaust; ACTIVITY: REM = removal; EXO = excursion
CLN = clean-up; GLEB = glove bag; BGLO = bag load out; PREP = site prep; IC = inside containment;
OC = outside contain; RESP TYPE: HM = half mask neg; FF = full face neg; PAPP = powered air purifying; SAC = supplied air const; SAPD = supplied air pressure demand; SCBA = SCBA

**LRQ - Limit of Reliable Quantification based on 0.1 fibers/cc field.

Sampled by:

(b) (6)

Analyzed by:

DATE: 11/16/12

DAILY AIR MONITORING REPORT

PRECISION ANALYSIS, INC.
22 ORVIETO COURT
FLORISSANT, MO 63031
(314) 838-5052

CLIENT: ENVIAOTECH, INC.

JOB NAME: GSA - Bldg 107 - PHASE - I

JOB NUMBER: 7501

Sample ID	Pump (L/m) Calibration	Cassette Type	Running Time		Volume (Liters)	Fibers/Field	Results Fibers/cc	LRQ** Fibers/cc	Sample Log No.
			Start	Stop					
-22	15.0	25mm	2:00PM	3:00PM	900	5/100	2,005	1005	207537
-23	15.0	25mm			900	3/100	2,005	1005	207538
-24	15.0	25mm			900	3/100	2,005	1005	207539
-25	15.0	25mm			900	2/100	2,005	1005	207540
-26	15.0	25mm			900	3/100	2,005	1005	207541

ANALYTICAL METHOD: NIOSH 7400 NIOSH PROFICIENCY ANALYTICAL TESTING ID No: 101228 ASBESTOS ANALYSTS REGISTRY No: 5628

Sample ID	Sample Type	Worker's Name	Social Security No.	Location	Inside/Outside	Activity	Type of Respirator	Results TWA	Results 30 Min. STEL
-22	FC	-	-	LEVEL 1 - NORTH END NW CORNER	I	FC	HM		
-23	FC	-	-	LEVEL 1 - NORTH END NE CORNER	I	FC	HM		
-24	FC	-	-	LEVEL 1 - NORTH END CENTRE	I	FC	HM		
-25	FC	-	-	LEVEL 1 - NORTH END SE CORNER	I	FC	HM		
-26	FC	-	-	LEVEL 1 - NORTH END SW CORNER	I	FC	HM		

COMMENTS: OL-FP = Overloaded Fibrous Particulate OL-NFP = Overloaded Nonfibrous Particulate OL-MIXED = Overloaded Fibrous / Nonfibrous Particulate
Clean Air Standard = ≤ 0.010 f/cc OSHA TWA Limit = ≤ 0.100 f/cc STEL Limit = ≤ 1.00 f/cc
**LRQ - Limit of Reliable Quantification based on 0.1 fibers/field.

SAMPLE TYPE: PRS = personal; PRM = perimeter; ENV = environmental; BGD = background; BLK = field blank
CLN = clean-up; GLBG = glove bag; BGLO = bag load out; PREP = site prep; IC = inside containment;
OC = outside contain; RESP. TYPE: FM = full face neg; FF = full face neg; PAPP = powered air purifying; SAC = supplied air const; SAPD = supplied air pressure demand; SCBA = SCBA

Sampled by:

(b) (6)

Analyzed by:



PRECISION ANALYSIS, INC.
 22 ORVIETO COURT
 FLORISSANT, MO 63031
 (314) 838-5052

DAILY AIR MONITORING REPORT

CLIENT: LAVILOTECH JOB NAME: GSA - Bldg 107 - Level 1 JOB NUMBER: 7501

Sample ID	Pump (L/m) Calibration	Cassette Type	Running Time		Volume (Liters)	Fibers/Field	Results Fibers/cc	LRQ** Fibers/cc	Sample Log No.
			Start	Stop					
-27	—	25mm	—	—	—	0/100	NO FIBERS	—	207542
-28	—	25mm	—	—	—	0/100	NO FIBERS	—	207543
-29	5.0	25mm	7:30AM	3:10PM	2300	30/100	0.006	1002	207544
-30	5.0	25mm	7:35AM	3:15PM	2360	38/100	0.008	1002	207545
-31	5.0	25mm	7:40AM	3:10PM	2350	2/100	< 0.002	1002	207546
-32	2.0	25mm	7:45AM	8:15AM	100	17/100	0.098	1087	207547
-33	2.0	25mm	8:15AM	3:10PM	830	25/100	0.014	1006	207548

ANALYTICAL METHOD: NIOSH 7400 NIOSH PROFICIENCY ANALYTICAL TESTING ID No: 101228 ASBESTOS ANALYSTS REGISTRY No: 5628

Sample ID	Sample Type	Worker's Name	Social Security No.	Location	Insider/Outside	Activity	Type of Respirator	Results TWA	Results 30 Min. STEL
-27	BLK	—	—	—	—	—	—	—	—
-28	BLK	—	—	—	—	—	—	—	—
-29	PLM	—	—	OUTSIDE DECON CENTER OF LEVEL 1	0	REM	MM	—	—
-30	PLM	—	—	SOUTH END OF CONTAINMENT LEVEL 1 - ELEVATOR LOBBY	0	—	—	—	—
-31	HEX	—	—	In New Air Exhaust Tube	0	—	—	—	—
-32	EXC	KEVIN CHAINIS	XXX-XX-1295	WORK BY WORKER	I	—	—	0.019	0.098
-33	PKS	—	—	—	I	—	—	—	—

COMMENTS: OL-FP = Overloaded Fibrous Particulate OL-NFP = Overloaded Nonfibrous Particulate OL-MIXED = Overloaded Fibrous / Nonfibrous Particulate
 Clean Air Standard = ≤ 0.010 f/cc OSHA TWA Limit = ≤ 0.100 f/cc STEL Limit = ≤ 1.00 f/cc

SAMPLE TYPE: PRS = personal; PRM = perimeter; ENV = environmental; BGD = background; BLK = field blank
 CL = clearance; FC = final clearance; HEX = hepa exhaust; ACTIVITY: REM = removal; EXC = excursion
 CLN = clean-up; GLBG = glove bag; BGLG = bag load out; PREP = site prep; IC = inside containment
 OC = outside contain; RESP TYPE: HM = half mask neg; FF = full face neg; PAPP = powered air purifying; SAC = supplied air const; SAPD = supplied air pressure demand; SCBA = SCBA

Sampled by: [REDACTED]
 Analyzed by: [REDACTED]

PRECISION ANALYSIS, INC.
 22 ORVIETO COURT
 FLOISSANT, MO 63031
 (314) 838-5052

DAILY AIR MONITORING REPORT

CLIENT: ENVULOTECH, INC. JOB NAME: GSA - B06 607 JOB NUMBER: 1501

Sample ID	Pump (L/m) Calibration	Cassette Type	Running Time		Volume (Liters)	Fibers/Field	Results Fibers/cc	LRQ** Fibers/cc	Sample Log No.
			Start	Stop					
-34	—	25mm	—	—	—	2/100	—	—	207549
-35	—	25mm	—	—	—	0/100	—	—	207550
-36	5.0	25mm	7:15AM	5:10PM	2375	0/120	1.002	—	207551
-37	5.0	25mm	7:20AM	3:15PM	2375	5/100	1.002	—	207552
-38	5.0	25mm	7:16AM	3:10PM	2370	2/100	1.002	—	207553
-39	2.0	25mm	7:18AM	7:48AM	1.0	5/100	1.002	—	207554
-40	2.0	25mm	7:48AM	3:10PM	984	15/100	1.006	—	207555

ANALYTICAL METHOD: NIOSH 7400 NIOSH PROFICIENCY ANALYTICAL TESTING ID No: 101228 ASBESTOS ANALYSTS REGISTRY No: 5628

Sample ID	Sample Type	Worker's Name	Social Security No.	Location	Inside/Outside	Activity	Type of Respirator	Results TWA	Results 30 Min. STEL
-34	BLK	—	—	—	—	—	—	—	—
-35	BLK	—	—	—	—	—	—	—	—
-36	RAM	—	—	OUTSIDE DECON CENTER OF LEVEL 2	0	REM	HPM	—	—
-37	RAM	—	—	S. END OF CONTAINMENT LEVEL 2 - ELEVATOR LOBBY	0	—	—	—	—
-38	HEX	—	—	In Neg Aze Exhaust Tube	0	—	—	—	—
-39	EXC	KEVIN CAUTHERS	XXXX-XX-1895	WORK BY WORKER	I	—	—	—	—
-40	PKS	↓	↓	↓	I	↓	↓	0.012	< 0.02

COMMENTS: OL-FP = Overloaded Fibrous Particulate OL-NFP = Overloaded Nonfibrous Particulate OL-MIXED = Overloaded Fibrous / Nonfibrous Particulates
 Clean Air Standard = ≤ 0.010 f/cc OSHA TWA Limit = ≤ 0.100 f/cc STEL Limit = ≤ 1.00 f/cc
 SAMPLE TYPE: PRS = personal; PRM = personal; ENV = environmental; BGD = background; BLK = field blank
 CL = clearance; FC = final clearance; HEX = hepa exhaust; ACTIVITY: REM = removal; EXC = excursion
 CLN = clean-up; GLBG = glove bag; BGLO = bag load out; PREP = site prep; IC = inside containment
 OC = outside contain; RESP. TYPE: FM = full mask neg; FF = full face neg; PAFR = powered air purifying; SAC = supplied air consi; SAPD = supplied air pressure demand; SCBA = SCBA

Sampled by: [Redacted]
 Analyzed by: [Redacted]

DATE: 12/7/12

CLIENT: CAVERLEY, INC.

JOB NAME: GSA - Bldg 107

JOB NUMBER: 7501

PRECISION ANALYSIS, INC.
22 ORVIETO COURT
FLORISSANT, MO 63031
(314) 838-5052

DAILY AIR MONITORING REPORT

Sample ID	Pump (L/m) Calibration	Cassette Type	Running Time		Volume (Liters)	Fibers/Field	Results Fibers/cc	LRQ** Fibers/cc	Sample Log No.
			Start	Stop					
-41	—	25mm	—	—	—	0/100	no P/11.667	—	207556
-42	—	25mm	—	—	—	0/100	no P/15.404	—	207557
-43	5.0	25mm	5:10AM	8:00PM	850	3/100	<.006	.006	207558
-44	5.0	25mm	5:05PM	8:06PM	900	5/100	<.005	.005	207559
-45	5.0	25mm	5:10PM	8:00PM	850	5/100	<.006	.006	207560
-46	2.0	25mm	5:15PM	5:46PM	60	1/100	<.002	.002	207561
-47	2.0	25mm	5:45PM	8:00PM	270	6/100	<.010	.010	207562

ANALYTICAL METHOD: NIOSH 7400 NIOSH PROFICIENCY ANALYTICAL TESTING ID No: 101228 ASBESTOS ANALYSTS REGISTRY No: 5828

Sample ID	Sample Type	Worker's Name	Social Security No.	Location	Inside/Outside	Activity	Type of Respirator	Results TWVA	Results 30 Min. STEL
-41	BCK	—	—	—	—	—	—	—	—
-42	BCK	—	—	—	—	—	—	—	—
-43	PCM	—	—	OUTSIDE DECON Level 1 - Central	0	REM	HM	—	—
-44	PCM	—	—	5' EWN OF CONTAINMENT FRONT ENTRYWAY DOORS	0	REM	HM	—	—
-45	HEX	—	—	In Neo Aze Exhaust Tubes	0	REM	HM	—	—
-46	EXC	KEVIN CANNES	1895	WORK BY WORKER	I	REM	HM	<.010	2.082
-47	PAS	↓	↓	↓	I	REM	HM	—	—

COMMENTS: OL-FP = Overloaded Fibrous Particulate OL-NFP = Overloaded Nonfibrous Particulate OL-MIXED = Overloaded Fibrous / Nonfibrous Particulate
Clean Air Standard = ≤ 0.010 f/cc OSHA TWA Limit = ≤ 0.100 f/cc STEL Limit = ≤ 1.00 f/cc
SAMPLE TYPE: PRS = personal; PRM = perimeter; ENV = environmental; BGD = background; BLK = field blank
CL = clearance; FC = final clearance; HEX = hepa exhaust; ACTIVITY: REM = removal; EXG = excursion
CLN = clean-up; GLBG = glove bag; BGLO = bag load out; PREP = site prep; IC = inside containment;
OC = outside contain; RESP TYPE: FM = full face neg; FF = full face neg; PAFR = powered
air purifying; SAC = supplied air const; SAPD = supplied air pressure demand; SCBA = SCBA

Sampled by: [REDACTED]
Analyzed by: [REDACTED]

**LRQ - Limit of Reliable Quantification based on 0.1 fibers/field.

DATE: 12/7/10

DAILY AIR MONITORING REPORT

PRECISION ANALYSIS, INC.
22 ORVIETO COURT
FLORISSANT, MO 63031
(314) 838-5052

CLIENT: ENVIRITECH, INC.

JOB NAME: GSA - Bldg 107

JOB NUMBER: 7501

Sample ID	Pump (L/m) Calibration	Cassette Type	Running Time		Volume (Liters)	Fibers/Field	Results Fibers/cc	LRQ** Fibers/cc	Sample Log No.
			Start	Stop					
-40	15.0	25mm	8:10AM	9:10AM	900	4/100	<.005	.005	207563
-49	15.0	25mm			900	6/100	<.005	.005	207564
-50	15.0	25mm			900	7/100	<.005	.005	207565
-51	15.0	25mm			900	5/100	<.005	.005	207566
-52	15.0	25mm			900	10/100	.005	.005	207567
		25mm							
		25mm							

ANALYTICAL METHOD: NIOSH 7400 NIOSH PROFICIENCY ANALYTICAL TESTING ID No: 101228 ASBESTOS ANALYSTS REGISTRY No: 5628

Sample ID	Sample Type	Worker's Name	Social Security No.	Location	Inside/Outside	Activity	Type of Respirator	Results TWA	Results 30 Min. STEL
-48	FC			LEVEL 3 - NORTH 5. END	I	FC	HM		
-49	FC			- WEST	I	FC	HM		
-50	FC			- CENTER	I	FC	HM		
-51	FC			- EAST	I	FC	HM		
-52	FC			- SOUTH	I	FC	HM		

COMMENTS: OL-FP = Overloaded Fibrous Particulate OL-NFP = Overloaded Nonfibrous Particulate OL-MIXED = Overloaded Fibrous / Nonfibrous Particulate
Clean Air Standard = ≤ 0.010 f/cc OSHA TWA Limit = ≤ 0.100 f/cc STEL Limit = ≤ 1.00 f/cc
SAMPLE TYPE: PRS = personal; PRM = perimeter; ENV = environmental; BGD = background; BLK = field blank
CL = clearance; FC = final clearance; HEX = hepa exhaust; ACTIVITY: REM = removal; EXO = excursion
CLN = clean-up; GLBG = glove bag; BGLO = bag load out; PREP = site prep; IC = inside containment;
OC = outside contain; RESP TYPE: HM = half mask neg; FF = full face neg; PAPP = powered air purifying; SAC = supplied air const; SAPD = supplied air pressure demand; SCBA = SCBA

Sampled by

(b) (6)

Analyzed by