

1-11-02; 3:52PM ;

EC:# 5

10/18/2001 10:07 2122642542

DHHS/PHS/FOH

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BULK ASBESTOS ANALYSIS BY ANALYTICAL ELECTRON MICROSCOPY

Date October 13, 2001

LGN T0201923

Agency Sample Number: 967198

Was Sample Sieved? No

Project: Staten Island Landfill, NY

ASBESTOS CONTENT

Type	Weight Percentage
Chrysotile	0.3
Amosite	ND
Crocidolite	ND
Tremolite/Actinolite	ND
Anthophyllite	ND
TOTAL ASBESTOS	0.3

OTHER CONSTITUENTS

Organic Material	12.2
HCl-Soluble Inorganic Material	60.2
HCl-Insoluble Inorganic Material	27.3
TOTAL OTHER CONSTITUENTS	99.7

Comments: The sample was previously analyzed by polarized-light microscopy according to EPA-600/R-93-116.

ND = None Detected.

Analyst: _____
~~XXXXXXXXXXXXXXXXXXXX~~

Date: 10/14/01

1-11-02; 3:52PM ;

EC:# 6

10/18/2001 10:07 2122642542

DMHS/PHS/FOH

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BULK ASBESTOS ANALYSIS BY ANALYTICAL ELECTRON MICROSCOPY

Date October 13, 2001

LSN T0281923

Agency Sample Number: 967200

Was Sample Sieved? No

Project: Staten Island Landfill, NY

ASBESTOS CONTENT

Type	Weight Percentage
Chrysotile	1.8
Amosite	ND
Crocidolite	ND
Tremolite/Actinolite	ND
Anthophyllite	ND
TOTAL ASBESTOS	1.8

OTHER CONSTITUENTS

Organic Material	7.2
HCl-Soluble Inorganic Material	56.3
HCl-Insoluble Inorganic Material	24.6
TOTAL OTHER CONSTITUENTS	91.2

Comments: The sample was previously analyzed by polarized-light microscopy according to EPA-600/R-93-116.

ND - None Detected.

Analyst: _____


Date: 10/14/01

1-11-02; 3:52PM ;

EC;# 7

10/18/2001 10:07 2122542542

DHHS/FMS/FOH

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DRAFT**BULK ASBESTOS ANALYSIS BY ANALYTICAL ELECTRON MICROSCOPY**

Date October 13, 2001

LON T0281923

Agency Sample Number: 9964561

Was Sample Sieved? No

Project: Staten Island Landfill, NY

ASBESTOS CONTENT

Type	Weight Percentage
Chrysotile	0.0
Amosite	ND
Crocidolite	ND
Tremolite/Actinolite	ND
Anthophyllite	ND
TOTAL ASBESTOS	0.0

OTHER CONSTITUENTS

Organic Material	11.3
HCl-Soluble Inorganic Material	71.1
HCl-Insoluble Inorganic Material	16.0
TOTAL OTHER CONSTITUENTS	99.2

Comments: The sample was previously analyzed by polarized-light microscopy according to EPA-600/R-91-116.

ND - None Detected.

Analyst: _____

Date: 10/14/01

CITY_21MC100_008853962

1-11-02; 3:52PM ;

EC;# 8

10/18/2001 10:07 2122642542

DHHS/PHS/FOH

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FINAL REPORT

DRAFT

BULK ASBESTOS ANALYSIS BY ANALYTICAL ELECTRON MICROSCOPY

Date October 13, 2001

LCN T0281923

Agency Sample Number: A957179

Was Sample Sieved? No

Project: Staten Island Landfill, NY

ASBESTOS CONTENT

Type	Weight Percentage
Chrysotile	0.4
Amosite	ND
Crocidolite	ND
Tremolite/Actinolite	ND
Anthophyllite	ND
TOTAL ASBESTOS	0.4

OTHER CONSTITUENTS

Organic Material	12.3
HCl-Soluble Inorganic Material	77.6
HCl-Insoluble Inorganic Material	9.7
TOTAL OTHER CONSTITUENTS	99.6

Comments: The sample was previously analyzed by polarized-light microscopy according to EPA-600/R-93-116.

ND - None Detected

Analyst: _____

Date: 10/14/01

1-11-02; 3:52PM ;

EC;# 9

TABLE 1

AIRBORNE FIBER COUNT/WIOSE 7400 ANALYSIS

DIVISION OF FEDERAL OCCUPATIONAL HEALTH

PROJECT TITLE: Asbestos Air Sampling

SAMPLING SITE: Staten Island Landfill

REPORT DATE: October 26, 2001

PCM LCN P0202607

AGENCY I.D.	LOCATION	VOL (L)	FIBER COUNT	FIELD COUNT	*FIBER DENSITY	**FIBERS** PER CC	*LOG
SI1023-1	PERSONAL	396	103	28	468.6	0.303	0.005
SI1023-2	PERSONAL	514	101.5	91	142.1	0.106	0.005
SI1023-3	PERSONAL	396	101	30	428.9	0.417	0.007
SI1023-4	BLANK	---	0	100	7	---	---

Bomb
Tech

- * FIBER DENSITY IS ROUNDED TO THE NEAREST FIRST DECIMAL PLACE: F/mm³.
- ** IF $E = ((\text{FIBERS}/\text{FIELDS}) - (\text{AVG BLANK FIBERS}/100))/0.00765$ IS LESS THAN 7 FIBERS/mm³ (LOD), IT IS SET TO 7 FOR THE CALCULATION OF $C = (E \cdot 385) / (\text{VOL} \cdot 1000)$ AND A LESS-THAN SIGN (<) IS PLACED IN FRONT OF THE RESULT. THE RESULT IS THEN ROUNDED.
- ***LIMIT OF QUANTIFICATION (LOQ) = $(\text{LOD} \cdot 385) / (\text{VOL} \cdot 1000)$.

AREA Lab ID 101549.

Comments: