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248-669-5140

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313-967-7850

CHAIN OF CUSTODY

7134

TURNAROUND TIME

☐ 3 hr. ☐ 6 hr. ☒ 24 hr. ☐ 48 hr.
☐ 72 hr. ☐ Standard ☐ Other

(23)

Client: Eam

Project: Quincy Smelter
Fremont Twp MI

Sampler: R. Stobbs, S. Maling, M. Hawk
Project Number:

Bldg # 7: Furnace Bldg

Sample #	Date	Sample Description	Sample Location	Parameters (circle one)
7-010	6-8-04	Pipe Insulation (Alcath)	N. end of Bldg	PLM / POM
7-01B				PLM / POM
7-01C				PLM / POM
7-02A		Electrical wire wrap	N. end of Electrical Box	PLM / POM
7-02B				PLM / POM
7-02C				PLM / POM
7-03A		Belt	on Grand - middle of N. end	PLM / POM
7-03B				PLM / POM
7-03C				PLM / POM
7-04A		Tar paper	on Grand by electrical box	PLM / POM
7-04B				PLM / POM
7-04C				PLM / POM

Comments:

1st Desidue Ship

Relinquished By:

Date / Time

6-9-04 KCS

Received By:

Date / Time

LAB INFO:
Analyzed By:

Date

Results to: Arc Nov

Tony Barbado

Fax # 248-669-5147

Total # 23



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BULK ASBESTOS ANALYSIS SHEET

HWLAP 10/11/97
ELAP 10/7/98
D2 VAPORS 9/1/98
MICRON OPTICS/OT

2123533599

P.10

Client / Project EQM/ATC Michigan Bluff 7 Project Number 7134
Analysis Date 6/10/04 Analyst Mark Batch Number 7134

Field Number <u>7-1A</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>Gray</u> Texture <u>fib</u>	Morphology <u>W</u> Edication <u>11</u>	Chrysotile <u>67</u>	Cellulose <u>13</u>	Mineral Filler <u>20</u>	Organic Residue <u>0</u>
Recommended <input type="checkbox"/>	Homogeneity <u>1</u>	RI L <u>1.56</u> RI H <u>1.57</u>	Amosite <u>0</u>	Fiberglass <u>0</u>	Organic Binders <u>0</u>	Residue <u>0</u>
Gravimetric PREP <input type="checkbox"/>	# of Layers <u>1</u>	DS Color <u>blm</u> Color, Pico <u>20</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Carbonate <u>0</u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u>1</u>	Brief <u>12</u> Sign <u>7</u>			Other <u>0</u>	Other <u>0</u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments:					Asbestos <u>0</u>
POINT COUNT RESULTS ON THE BACK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Preps, Asbestos = 0				

Field Number <u>1B</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>Gray</u> Texture <u>fib</u>	Morphology <u>W</u> Edication <u>11</u>	Chrysotile <u>67</u>	Cellulose <u>13</u>	Mineral Filler <u>20</u>	Organic Residue <u>0</u>
Recommended <input type="checkbox"/>	Homogeneity <u>1</u>	RI L <u>1.56</u> RI H <u>1.57</u>	Amosite <u>0</u>	Fiberglass <u>0</u>	Organic Binders <u>0</u>	Residue <u>0</u>
Gravimetric PREP <input type="checkbox"/>	# of Layers <u>1</u>	DS Color <u>blm</u> Color, Pico <u>20</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Carbonate <u>0</u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u>1</u>	Brief <u>12</u> Sign <u>7</u>			Other <u>0</u>	Other <u>0</u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments:					Asbestos <u>0</u>
POINT COUNT RESULTS ON THE BACK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Preps, Asbestos = 0				

Field Number <u>1C</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>Gray</u> Texture <u>fib</u>	Morphology <u>W</u> Edication <u>11</u>	Chrysotile <u>67</u>	Cellulose <u>13</u>	Mineral Filler <u>20</u>	Organic Residue <u>0</u>
Recommended <input type="checkbox"/>	Homogeneity <u>1</u>	RI L <u>1.56</u> RI H <u>1.57</u>	Amosite <u>0</u>	Fiberglass <u>0</u>	Organic Binders <u>0</u>	Residue <u>0</u>
Gravimetric PREP <input type="checkbox"/>	# of Layers <u>1</u>	DS Color <u>blm</u> Color, Pico <u>20</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Carbonate <u>0</u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u>1</u>	Brief <u>12</u> Sign <u>7</u>			Other <u>0</u>	Other <u>0</u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments:					Asbestos <u>0</u>
POINT COUNT RESULTS ON THE BACK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Preps, Asbestos = 0				

Field Number <u>2A</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>Gray</u> Texture <u>fib</u>	Morphology <u>W</u> Edication <u>11</u>	Chrysotile <u>67</u>	Cellulose <u>13</u>	Mineral Filler <u>20</u>	Organic Residue <u>0</u>
Recommended <input type="checkbox"/>	Homogeneity <u>1</u>	RI L <u>1.56</u> RI H <u>1.57</u>	Amosite <u>0</u>	Fiberglass <u>0</u>	Organic Binders <u>0</u>	Residue <u>0</u>
Gravimetric PREP <input type="checkbox"/>	# of Layers <u>1</u>	DS Color <u>blm</u> Color, Pico <u>20</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Carbonate <u>0</u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u>1</u>	Brief <u>12</u> Sign <u>7</u>			Other <u>0</u>	Other <u>0</u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments:					Asbestos <u>0</u>
POINT COUNT RESULTS ON THE BACK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Preps, Asbestos = 0				



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NIKOL 105157
ELAP 10279
OLYMPUS BH-2
NIKON OPTISHOT

Project Number

Client/Project

EQM/ATC Midway Bluff 7

Batch Number

7134

Analysis Date

6/10/04

Analyst

Mandy

Field Number	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
7-25	Color <u>brown</u> Texture <u>fib</u> Homogeneity <u>4</u> # of Layers <u>1</u> Color of Layer <u>1</u> Detected Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Comments:	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DS Color <u> </u> Color, Pico <u> </u> Sign <u> </u> Brief <u> </u>	<u> </u> Chrysotile <u> </u> Amphibole <u> </u> Other	25 Cellulose Fiberglass Other	25 Mineral Fiber Organic Binders Verminalia Other	Organic Residue Carbonate Other Asbestos
POINT COUNT RESULTS ON THE BLOCK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Q.C. <input type="checkbox"/>				
7-26	Color <u>brown</u> Texture <u>fib</u> Homogeneity <u>4</u> # of Layers <u>1</u> Color of Layer <u>1</u> Detected Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Comments:	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DS Color <u> </u> Color, Pico <u> </u> Sign <u> </u> Brief <u> </u>	<u> </u> Chrysotile <u> </u> Amphibole <u> </u> Other	80 Cellulose Fiberglass Other	20 Mineral Fiber Organic Binders Verminalia Other	Organic Residue Carbonate Other Asbestos
POINT COUNT RESULTS ON THE BLOCK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Q.C. <input type="checkbox"/>				
3A	Color <u>black</u> Texture <u>fib</u> Homogeneity <u>4</u> # of Layers <u>1</u> Color of Layer <u>1</u> Detected Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Comments:	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DS Color <u> </u> Color, Pico <u> </u> Sign <u> </u> Brief <u> </u>	<u> </u> Chrysotile <u> </u> Amphibole <u> </u> Other	80 Cellulose Fiberglass Other	16 Mineral Fiber Organic Binders Verminalia Other	Organic Residue Carbonate Other Asbestos
POINT COUNT RESULTS ON THE BLOCK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Q.C. <input type="checkbox"/>				
3B	Color <u>black</u> Texture <u>fib</u> Homogeneity <u>4</u> # of Layers <u>1</u> Color of Layer <u>1</u> Detected Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Comments:	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DS Color <u> </u> Color, Pico <u> </u> Sign <u> </u> Brief <u> </u>	<u> </u> Chrysotile <u> </u> Amphibole <u> </u> Other	40 Cellulose Fiberglass Other	10 Mineral Fiber Organic Binders Verminalia Other	Organic Residue Carbonate Other Asbestos
POINT COUNT RESULTS ON THE BLOCK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Q.C. <input type="checkbox"/>				

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BULK ASBESTOS ANALYSIS SHEET

NYLAP 104167
ELAP 104718
OLYMPUS BH-2
NIKON OPTISHOT

Client / Project EQM/ATC Michigan Blk# 7 Project Number 7134
Analysis Date 6/10/04 Analyst Mumby Batch Number 7134

Field Number <u>7-3c</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>black</u> Texture <u>fib</u>	Morphology <u> </u> Extinction <u> </u>	Chrysotile <u> </u>	Cellulose <u> </u>	Mineral Filler <u> </u>	Organic Residue <u> </u>
Recommended <input type="checkbox"/>	Homogeneity <u>Y</u>	R.I. <u> </u> R.L. <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Organic Binders <u> </u>	Residue <u> </u>
Gravimetric PREP <input type="checkbox"/>	# of Layers <u>1</u>	DS Color <u> </u> Color, Prep <u> </u>	Other <u> </u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Asbestos <input type="checkbox"/>	Sign <u> </u>			Other <u> </u>	Other <u> </u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Color of Layer <u> </u>					Asbestos <u> </u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
Comments:						
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER		SCANNING OPTION: ELAP (P.C.) & EPA	Final 4 Prep. Asbestos = 0			
POINT COUNT RESULTS ON THE BACK						

Field Number <u>4A</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>black</u> Texture <u>fib</u>	Morphology <u> </u> Extinction <u> </u>	Chrysotile <u> </u>	Cellulose <u> </u>	Mineral Filler <u> </u>	Organic Residue <u> </u>
Recommended <input type="checkbox"/>	Homogeneity <u>Y</u>	R.I. <u> </u> R.L. <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Organic Binders <u> </u>	Residue <u> </u>
Gravimetric PREP <input type="checkbox"/>	# of Layers <u>1</u>	DS Color <u> </u> Color, Prep <u> </u>	Other <u> </u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Asbestos <input type="checkbox"/>	Sign <u> </u>			Other <u> </u>	Other <u> </u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Color of Layer <u> </u>					Asbestos <u> </u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
Comments:						
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER		SCANNING OPTION: ELAP (P.C.) & EPA	Final 4 Prep. Asbestos = 0			
POINT COUNT RESULTS ON THE BACK						

Field Number <u>4B</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>black</u> Texture <u>fib</u>	Morphology <u> </u> Extinction <u> </u>	Chrysotile <u> </u>	Cellulose <u> </u>	Mineral Filler <u> </u>	Organic Residue <u> </u>
Recommended <input type="checkbox"/>	Homogeneity <u>Y</u>	R.I. <u> </u> R.L. <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Organic Binders <u> </u>	Residue <u> </u>
Gravimetric PREP <input type="checkbox"/>	# of Layers <u>1</u>	DS Color <u> </u> Color, Prep <u> </u>	Other <u> </u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Asbestos <input type="checkbox"/>	Sign <u> </u>			Other <u> </u>	Other <u> </u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Color of Layer <u> </u>					Asbestos <u> </u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
Comments:						
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER		SCANNING OPTION: ELAP (P.C.) & EPA	Final 4 Prep. Asbestos = 0			
POINT COUNT RESULTS ON THE BACK						

Field Number <u>4C</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>black</u> Texture <u>fib</u>	Morphology <u> </u> Extinction <u> </u>	Chrysotile <u> </u>	Cellulose <u> </u>	Mineral Filler <u> </u>	Organic Residue <u> </u>
Recommended <input type="checkbox"/>	Homogeneity <u>Y</u>	R.I. <u> </u> R.L. <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Organic Binders <u> </u>	Residue <u> </u>
Gravimetric PREP <input type="checkbox"/>	# of Layers <u>1</u>	DS Color <u> </u> Color, Prep <u> </u>	Other <u> </u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Asbestos <input type="checkbox"/>	Sign <u> </u>			Other <u> </u>	Other <u> </u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Color of Layer <u> </u>					Asbestos <u> </u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
Comments:						
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER		SCANNING OPTION: ELAP (P.C.) & EPA	Final 4 Prep. Asbestos = 0			
POINT COUNT RESULTS ON THE BACK						



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BULK ASBESTOS ANALYSIS SHEET

NYLAP 10/1/87
ELAP 10/31/8
OLYMPUS BH-2
NIKON OPTISHOT

2123533599

Client/Project EQM/ATC Midwayan Bluff #7 Project Number 7134
Analysis Date 6/10/04 Analyst Mundy Batch Number 7134

Field Number <u>75A</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>lt. brown</u> Texture <u>open</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI R <u> </u> DS Color <u> </u> Color, Photo <u> </u> Biref <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>100</u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
POINT COUNT RESULTS ON THE SLICK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	SCANNING OPTION: ELAP (P.C.) & EPA First 4 Prints, Asbestos = 0				
Comments:	Q.C. <input checked="" type="checkbox"/>					

Field Number <u>50</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>lt. brown</u> Texture <u>open</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI R <u> </u> DS Color <u> </u> Color, Photo <u> </u> Biref <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>100</u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
POINT COUNT RESULTS ON THE SLICK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	SCANNING OPTION: ELAP (P.C.) & EPA First 4 Prints, Asbestos = 0				
Comments:	Q.C. <input type="checkbox"/>					

Field Number <u>5C</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>lt. brown</u> Texture <u>open</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI R <u> </u> DS Color <u> </u> Color, Photo <u> </u> Biref <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>100</u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
POINT COUNT RESULTS ON THE SLICK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	SCANNING OPTION: ELAP (P.C.) & EPA First 4 Prints, Asbestos = 0				
Comments:	Q.C. <input type="checkbox"/>					

Field Number <u>6A</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>open</u> Texture <u>fine</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos <input checked="" type="checkbox"/> Color of Layer <u> </u> Detected Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Morphology <u>lt. brown</u> Extinction <u>lt. brown</u> RI L <u>lt. brown</u> RI R <u>lt. brown</u> DS Color <u>lt. brown</u> Color, Photo <u>lt. brown</u> Biref <u>lt. brown</u> Sign <u>lt. brown</u>	Chrysotile <u>67</u> Amosite <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>33</u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
POINT COUNT RESULTS ON THE SLICK	Method: <input checked="" type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	SCANNING OPTION: ELAP (P.C.) & EPA First 4 Prints, Asbestos = 0				
Comments:	Q.C. <input type="checkbox"/>					

JUN-11-2004 09:46

ATC



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BULK ASBESTOS ANALYSIS SHEET

INFLAP 101157
ELAP 10879
OLYMPUS BH2
NIMON OPTISHOT

Client/Project EQM/ATC Michigan Bldg #7 Project Number 7134
Analysis Date 6/10/04 Analyst Murphy Batch Number 7134

Field Number <u>7-6B</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>tan</u> Homogeneity <u>yes</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Morphology <u>fibrous</u> RI L <u>1</u> DS Color <u>tan</u> Birefr <u>yes</u>	Chrysotile Amosite Other	Celulose Fiberglass Other	Mineral Fiber Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Comments: <u>see 6A</u>	Q.C. <input type="checkbox"/>					
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0						

Field Number <u>6C</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>tan</u> Homogeneity <u>yes</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Morphology <u>fibrous</u> RI L <u>1</u> DS Color <u>tan</u> Birefr <u>yes</u>	Chrysotile Amosite Other	Celulose Fiberglass Other	Mineral Fiber Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Comments: <u>see 6A</u>	Q.C. <input type="checkbox"/>					
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0						

Field Number <u>9A</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>tan</u> Homogeneity <u>yes</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Morphology <u>fibrous</u> RI L <u>1</u> DS Color <u>tan</u> Birefr <u>yes</u>	Chrysotile Amosite Other	Celulose Fiberglass Other	Mineral Fiber Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Comments:	Q.C. <input type="checkbox"/>					
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0						

Field Number <u>713</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>tan</u> Homogeneity <u>yes</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Morphology <u>fibrous</u> RI L <u>1</u> DS Color <u>tan</u> Birefr <u>yes</u>	Chrysotile Amosite Other	Celulose Fiberglass Other	Mineral Fiber Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Comments:	Q.C. <input type="checkbox"/>					
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0						



P.15

2123533599

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JUN-11-2004 09:47

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BULK ASBESTOS ANALYSIS SHEET

NYLAP-101187
EALAP-10875
Microscope OLYMPUS BH-2
NIKON OPTISHOT

Client/Project EQM/ATC Michigan Bluff 7 Project Number 7134
Analysis Date 6/10/04 Analyst Mandy Batch Number 7134

Field Number <u>72c</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>tan</u> Texture <u>gran</u>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DS Color <u> </u> Color, Pico <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amphibole <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>150</u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
Recommended <input type="checkbox"/>	# of Layers <u>1</u>	Asbestos <input type="checkbox"/>	DS Color <u> </u> Sign <u> </u>			
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u> </u>	Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments: <u> </u>					
POINT COUNT METHOD ON THE BLOCK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps. Asbestos = 0					

Field Number <u>84</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>brown</u> Texture <u>fine</u>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DS Color <u> </u> Color, Pico <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amphibole <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>5</u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
Recommended <input type="checkbox"/>	# of Layers <u>1</u>	Asbestos <input type="checkbox"/>	DS Color <u> </u> Sign <u> </u>			
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u> </u>	Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments: <u> </u>					
POINT COUNT METHOD ON THE BLOCK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps. Asbestos = 0					

Field Number <u>85</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>brown</u> Texture <u>fine</u>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DS Color <u> </u> Color, Pico <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amphibole <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>3</u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
Recommended <input type="checkbox"/>	# of Layers <u>1</u>	Asbestos <input type="checkbox"/>	DS Color <u> </u> Sign <u> </u>			
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u> </u>	Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments: <u> </u>					
POINT COUNT METHOD ON THE BLOCK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps. Asbestos = 0					

Field Number <u>8c</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>brown</u> Texture <u>fine</u>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DS Color <u> </u> Color, Pico <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amphibole <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>2</u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
Recommended <input type="checkbox"/>	# of Layers <u>1</u>	Asbestos <input type="checkbox"/>	DS Color <u> </u> Sign <u> </u>			
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u> </u>	Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments: <u> </u>					
POINT COUNT METHOD ON THE BLOCK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps. Asbestos = 0					



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BULK ASBESTOS ANALYSIS SHEET

NYLAP 101187
ELAP 10679
Microscope OLYMPUS BH-2
IRCON OPTISHOT

2123533599

P.16

Client / Project: EQM/ATC Michigan Bluff 7 Project Number: 7134
Analysis Date: 6/10/04 Analyst: Murphy Batch Number: 7134

Field Number <u>79A</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>tan</u> Texture <u>fine</u>	Morphology <u>RI L</u> Extension <u>RI L</u>	<u>Chrysotile</u> <u>Amosite</u> <u>Other</u>	<u>98</u> <u>Cellulose</u> <u>Fiberglass</u> <u>Other</u>	<u>2</u> <u>Mineral Filler</u> <u>Organic Binders</u> <u>Vermiculite</u> <u>Other</u>	<u>Organic</u> <u>Residue</u> <u>Carbonate</u> <u>Other</u> <u>Asbestos</u>
Recommended <input type="checkbox"/>	# of Layers <u>1</u> Asbestos <input type="checkbox"/>	DS Color <u>Color, Pico</u> Sign <u>Sign</u>				
Gravimetric PREP <input type="checkbox"/>	Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
Gravimetric (NOB) PLM <input type="checkbox"/>	Comments: <u> </u>					
Gravimetric (NOB) TEM <input type="checkbox"/>	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	SCANNING OPTION: ELAP (PCL) & EPA First 4 Progs. Asbestos = 0				

Field Number <u>91B</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>tan</u> Texture <u>fine</u>	Morphology <u>RI L</u> Extension <u>RI L</u>	<u>Chrysotile</u> <u>Amosite</u> <u>Other</u>	<u>99</u> <u>Cellulose</u> <u>Fiberglass</u> <u>Other</u>	<u>1</u> <u>Mineral Filler</u> <u>Organic Binders</u> <u>Vermiculite</u> <u>Other</u>	<u>Organic</u> <u>Residue</u> <u>Carbonate</u> <u>Other</u> <u>Asbestos</u>
Recommended <input type="checkbox"/>	# of Layers <u>1</u> Asbestos <input type="checkbox"/>	DS Color <u>Color, Pico</u> Sign <u>Sign</u>				
Gravimetric PREP <input type="checkbox"/>	Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
Gravimetric (NOB) PLM <input type="checkbox"/>	Comments: <u> </u>					
Gravimetric (NOB) TEM <input type="checkbox"/>	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	SCANNING OPTION: ELAP (PCL) & EPA First 4 Progs. Asbestos = 0				

Field Number <u>91C</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>tan</u> Texture <u>fine</u>	Morphology <u>RI L</u> Extension <u>RI L</u>	<u>Chrysotile</u> <u>Amosite</u> <u>Other</u>	<u>99</u> <u>Cellulose</u> <u>Fiberglass</u> <u>Other</u>	<u>2</u> <u>Mineral Filler</u> <u>Organic Binders</u> <u>Vermiculite</u> <u>Other</u>	<u>Organic</u> <u>Residue</u> <u>Carbonate</u> <u>Other</u> <u>Asbestos</u>
Recommended <input type="checkbox"/>	# of Layers <u>1</u> Asbestos <input type="checkbox"/>	DS Color <u>Color, Pico</u> Sign <u>Sign</u>				
Gravimetric PREP <input type="checkbox"/>	Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
Gravimetric (NOB) PLM <input type="checkbox"/>	Comments: <u> </u>					
Gravimetric (NOB) TEM <input type="checkbox"/>	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	SCANNING OPTION: ELAP (PCL) & EPA First 4 Progs. Asbestos = 0				

Field Number <u> </u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u> </u> Texture <u> </u>	Morphology <u>RI L</u> Extension <u>RI L</u>	<u>Chrysotile</u> <u>Amosite</u> <u>Other</u>	<u> </u> <u>Cellulose</u> <u>Fiberglass</u> <u>Other</u>	<u> </u> <u>Mineral Filler</u> <u>Organic Binders</u> <u>Vermiculite</u> <u>Other</u>	<u>Organic</u> <u>Residue</u> <u>Carbonate</u> <u>Other</u> <u>Asbestos</u>
Recommended <input type="checkbox"/>	# of Layers <u> </u> Asbestos <input type="checkbox"/>	DS Color <u>Color, Pico</u> Sign <u>Sign</u>				
Gravimetric PREP <input type="checkbox"/>	Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>					
Gravimetric (NOB) PLM <input type="checkbox"/>	Comments: <u> </u>					
Gravimetric (NOB) TEM <input type="checkbox"/>	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	SCANNING OPTION: ELAP (PCL) & EPA First 4 Progs. Asbestos = 0				

JUN-11-2004 09:47

ATC



CHAIN OF CUSTODY

46555 Humboldt Drive, Suite 100
Novi, Michigan 48377
248-669-5140

19 Griswold Avenue, Suite 820
Detroit, Michigan 48226
313-967-7850

TURNAROUND TIME

☐ 3 hr. ☐ 6 hr. ☒ 24 hr. ☐ 48 hr.
☐ 72 hr. ☐ Standard ☐ Other

Client:

EQM

Project:

Ruby Smelter
Franklin Twp. MI

Sampler:

Mark Douglas

Project Number:

Sample #

Date

Sample Description

Sample Location

Parameters
(CIRCLE ONE)

18-81-002

6/8/04

White material

Drum in building #18 - Drum moved to building #7

☒ PLM / POM

PLM / POM

PLM / POM

PLM / POM

PLM / POM

PLM / POM

PLM / POM

PLM / POM

PLM / POM

PLM / POM

PLM / POM

PLM / POM

PLM / POM

Comments:

Relinquished By:

Date / Time

6/8/04 1600

LAB INFO:
Analyzed By:

Date

Received By:

Date / Time

Results to: Tony Bombardo

Fax #

248-669-5147

WHITE - Client

YELLOW - File

PINK - Lab



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BULK ASBESTOS ANALYSIS SHEET

NR/LAP 101187
ELAP 10878
Microscope OLYMPUS BH-2
IR/KON OPTISHOT

2123533599

P.18

Client/Project EQM/ATC Michigan Bldg Project Number 7136
Analysis Date 6/10/04 Analyst muw Batch Number 7136

Field Number <u>1801-002</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>pink</u> Texture <u>gran</u>	Morphology <u> </u> Extinction <u> </u>	<u>Chrysotile</u>	Cellulose <u> </u>	100 Mineral Filler <u> </u>	Organic Residue <u> </u>
Recommended <input type="checkbox"/>	Homogeneity <u> </u>	RI L <u> </u> RI L <u> </u>	<u>Amosite</u>	Fiberglass <u> </u>	Organic Binders <u> </u>	Residue <u> </u>
Gravimetric PREP <input type="checkbox"/>	# of Layers <u> </u> Asbestos <input type="checkbox"/>	DS Color <u> </u> Color, Pico <u> </u>	<u>Other</u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Sign <u> </u>			Other <u> </u>	Other <u> </u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments: <u> </u>					Asbestos <u> </u>
POINT COUNT REDUCTION TIME: <u> </u>	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	SCANNING OPTION: ELAP (P.C.) & EPA <input checked="" type="checkbox"/>	First 4 Preps, Asbestos = 0	Q.C. <input type="checkbox"/>		

Field Number <u> </u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u> </u> Texture <u> </u>	Morphology <u> </u> Extinction <u> </u>	<u>Chrysotile</u>	Cellulose <u> </u>	Mineral Filler <u> </u>	Organic Residue <u> </u>
Recommended <input type="checkbox"/>	Homogeneity <u> </u>	RI L <u> </u> RI L <u> </u>	<u>Amosite</u>	Fiberglass <u> </u>	Organic Binders <u> </u>	Residue <u> </u>
Gravimetric PREP <input type="checkbox"/>	# of Layers <u> </u> Asbestos <input type="checkbox"/>	DS Color <u> </u> Color, Pico <u> </u>	<u>Other</u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Sign <u> </u>			Other <u> </u>	Other <u> </u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments: <u> </u>					Asbestos <u> </u>
POINT COUNT REDUCTION TIME: <u> </u>	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	SCANNING OPTION: ELAP (P.C.) & EPA <input type="checkbox"/>	First 4 Preps, Asbestos = 0	Q.C. <input type="checkbox"/>		

Field Number <u> </u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u> </u> Texture <u> </u>	Morphology <u> </u> Extinction <u> </u>	<u>Chrysotile</u>	Cellulose <u> </u>	Mineral Filler <u> </u>	Organic Residue <u> </u>
Recommended <input type="checkbox"/>	Homogeneity <u> </u>	RI L <u> </u> RI L <u> </u>	<u>Amosite</u>	Fiberglass <u> </u>	Organic Binders <u> </u>	Residue <u> </u>
Gravimetric PREP <input type="checkbox"/>	# of Layers <u> </u> Asbestos <input type="checkbox"/>	DS Color <u> </u> Color, Pico <u> </u>	<u>Other</u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Sign <u> </u>			Other <u> </u>	Other <u> </u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments: <u> </u>					Asbestos <u> </u>
POINT COUNT REDUCTION TIME: <u> </u>	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	SCANNING OPTION: ELAP (P.C.) & EPA <input type="checkbox"/>	First 4 Preps, Asbestos = 0	Q.C. <input type="checkbox"/>		

Field Number <u> </u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u> </u> Texture <u> </u>	Morphology <u> </u> Extinction <u> </u>	<u>Chrysotile</u>	Cellulose <u> </u>	Mineral Filler <u> </u>	Organic Residue <u> </u>
Recommended <input type="checkbox"/>	Homogeneity <u> </u>	RI L <u> </u> RI L <u> </u>	<u>Amosite</u>	Fiberglass <u> </u>	Organic Binders <u> </u>	Residue <u> </u>
Gravimetric PREP <input type="checkbox"/>	# of Layers <u> </u> Asbestos <input type="checkbox"/>	DS Color <u> </u> Color, Pico <u> </u>	<u>Other</u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Sign <u> </u>			Other <u> </u>	Other <u> </u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments: <u> </u>					Asbestos <u> </u>
POINT COUNT REDUCTION TIME: <u> </u>	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	SCANNING OPTION: ELAP (P.C.) & EPA <input type="checkbox"/>	First 4 Preps, Asbestos = 0	Q.C. <input type="checkbox"/>		

JUN-11-2004 09:47

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BULK ASBESTOS ANALYSIS SHEET

NY LAP 104157
ELAP 10078
CLYAPUS BH2
MICROSCOPE
NIKON OPTISHOT

Client / Project EQM / ATC Michigan Bluff 19 Project Number 7137
Analysis Date 6/10/04 Analyst Mark Batch Number 7137

Field Number	Startoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
19-01A	Color <u>tan</u> Texture <u>gran</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Color of Layer <u>tan</u> Detected Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Comments:	Morphology <u>tan</u> Extinction <u>tan</u> RI L <u>tan</u> RI L <u>tan</u> DS Color <u>tan</u> Color, Pico <u>tan</u> Biref <u>tan</u> Sign <u>tan</u>	Chrysotile <input checked="" type="checkbox"/> Amphibole <input checked="" type="checkbox"/> Other <input type="checkbox"/>	Cellulose <input type="checkbox"/> Fiberglass <input type="checkbox"/> Other <input type="checkbox"/>	Mineral Fiber <input checked="" type="checkbox"/> Organic Binders <input type="checkbox"/> Vermiculite <input type="checkbox"/> Other <input type="checkbox"/>	Organic <input type="checkbox"/> Residue <input type="checkbox"/> Carbonate <input type="checkbox"/> Other <input type="checkbox"/> Asbestos <input type="checkbox"/>
19-01B	Color <u>tan</u> Texture <u>gran</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Color of Layer <u>tan</u> Detected Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Comments:	Morphology <u>tan</u> Extinction <u>tan</u> RI L <u>tan</u> RI L <u>tan</u> DS Color <u>tan</u> Color, Pico <u>tan</u> Biref <u>tan</u> Sign <u>tan</u>	Chrysotile <input checked="" type="checkbox"/> Amphibole <input checked="" type="checkbox"/> Other <input type="checkbox"/>	Cellulose <input type="checkbox"/> Fiberglass <input type="checkbox"/> Other <input type="checkbox"/>	Mineral Fiber <input checked="" type="checkbox"/> Organic Binders <input type="checkbox"/> Vermiculite <input type="checkbox"/> Other <input type="checkbox"/>	Organic <input type="checkbox"/> Residue <input type="checkbox"/> Carbonate <input type="checkbox"/> Other <input type="checkbox"/> Asbestos <input type="checkbox"/>
19-01C	Color <u>tan</u> Texture <u>gran</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Color of Layer <u>tan</u> Detected Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Comments:	Morphology <u>tan</u> Extinction <u>tan</u> RI L <u>tan</u> RI L <u>tan</u> DS Color <u>tan</u> Color, Pico <u>tan</u> Biref <u>tan</u> Sign <u>tan</u>	Chrysotile <input checked="" type="checkbox"/> Amphibole <input checked="" type="checkbox"/> Other <input type="checkbox"/>	Cellulose <input type="checkbox"/> Fiberglass <input type="checkbox"/> Other <input type="checkbox"/>	Mineral Fiber <input checked="" type="checkbox"/> Organic Binders <input type="checkbox"/> Vermiculite <input type="checkbox"/> Other <input type="checkbox"/>	Organic <input type="checkbox"/> Residue <input type="checkbox"/> Carbonate <input type="checkbox"/> Other <input type="checkbox"/> Asbestos <input type="checkbox"/>

POINT COUNT RESULTS ON THIS PAGE

Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ OTHER

SCANNING OPTION: ELAP (P.C.) & EPA First 4 Progs. Asbestos = 0

Gravimetric (NOB) Results %

Comments:



CHAIN OF CUSTODY

46555 Humboldt Drive, Suite 100
Novi, Michigan 48377
248-669-5140

719 Griswold Avenue, Suite 820
Detroit, Michigan 48226
313-967-7850

TURNAROUND TIME

☐ 3 hr. ☐ 6 hr. ☒ 24 hr. ☐ 48 hr.
☐ 72 hr. ☐ Standard ☐ Other

Client: EOH

Project: Quincey Smelter
Franklin Twp, MI
Bldg # 18- Boiler House

Sampler: R. Stubbins, M. Hunsberr, S. Hill
Project Number:

Sample #	Date	Sample Description	Sample Location	Parameters (CIRCLE ONE)
18-01A	6-3-04	pipe insulation	E. end of Boiler	PLM / POM
18-01B	1	↓	↓	PLM / POM
18-01C		↓	↓	PLM / POM
18-02A		pipe joint insulation	E. end of Boiler	PLM / POM
18-02B		↓	↓	PLM / POM
18-02C		↓	↓	PLM / POM
18-03A		Firebrick	in Boiler	PLM / POM
18-03B		↓	↓	PLM / POM
18-03C		↓	↓	PLM / POM
18-04A		Brass Material	SLD cover - on metal panel	PLM / POM
18-04B		↓	↓	PLM / POM
18-04C		↓	↓	PLM / POM

Comments:

1st Positive Step

Total # 12

Relinquished By:

Date / Time

Received By:

Date / Time

LAB INFO:
Analyzed By:

Date

Results to: ATC Novi

Fax #

Tony Barbardo

248-669-5147

WHITE - Client

YELLOW - File

PINK - Lab



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BULK ASBESTOS ANALYSIS SHEET

NY AP 104187
ELAP 10978
Microscope OLYMPUS BH2
NIKON OPTIPHOT

Client / Project EQM / ATC Michigan Bluffs 18 Project Number 7138
Analysis Date 6/10/04 Analyst Mark Batch Number 7138

Field Number	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
18-1A	Color <u>tan/grey</u> Texture <u>fib</u> Homogeneity <u>1</u> Asbestos <u>det</u> <input type="checkbox"/> # of Layers <u>1</u> Detected Yes No Color of Layer <u>tan</u> Detected Yes No Comments: Method: <input checked="" type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps: Asbestos = 0	Morphology <u>LD</u> Extinction <u>11</u> RI 1. <u>1.54</u> RI 2. <u>1.51</u> DS Color <u>grey</u> Color, Pico <u>+</u> Brief <u>+</u> Sign <u>+</u>	<u>80</u> Chrysotile Amosite Other	<u>22</u> Mineral Fiber Organic Binders Vermiculite Other	<u>60</u> Mineral Fiber Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
18-1B	Color <u>tan</u> Texture <u>fib</u> Homogeneity <u>1</u> Asbestos <u>det</u> <input type="checkbox"/> # of Layers <u>1</u> Detected Yes No Color of Layer <u>tan</u> Detected Yes No Comments: Method: <input checked="" type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps: Asbestos = 0	Morphology <u>LD</u> Extinction <u>11</u> RI 1. <u>1.54</u> RI 2. <u>1.51</u> DS Color <u>grey</u> Color, Pico <u>+</u> Brief <u>+</u> Sign <u>+</u>	<u>80</u> Chrysotile Amosite Other	<u>22</u> Mineral Fiber Organic Binders Vermiculite Other	<u>60</u> Mineral Fiber Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
18-1C	Color <u>tan</u> Texture <u>fib</u> Homogeneity <u>1</u> Asbestos <u>det</u> <input type="checkbox"/> # of Layers <u>1</u> Detected Yes No Color of Layer <u>tan</u> Detected Yes No Comments: Method: <input checked="" type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps: Asbestos = 0	Morphology <u>LD</u> Extinction <u>11</u> RI 1. <u>1.54</u> RI 2. <u>1.51</u> DS Color <u>grey</u> Color, Pico <u>+</u> Brief <u>+</u> Sign <u>+</u>	<u>80</u> Chrysotile Amosite Other	<u>22</u> Mineral Fiber Organic Binders Vermiculite Other	<u>60</u> Mineral Fiber Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos



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BULK ASBESTOS ANALYSIS SHEET

HW-AP-104147
ELAP-10676
OLYMPUS BH-2
NIKON OPTISHOT

P.23

2123533599

Client/Project EQM/ATC Midway Bluff 18 Project Number 7138
Analysis Date 6/10/04 Analyst Mundy Batch Number 7138

Field Number 18-24

Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Stereoscopic Exam Color <u>tan</u> Homogeneity <u>yes</u> # of Layers <u>1</u> Adhesives <input type="checkbox"/> Color of Layer <u>tan</u> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	PLM Optical Properties Morphology <u>tan</u> RI L <u>tan</u> DS Color <u>tan</u> Biref <u>tan</u> Sign <u>tan</u>	Asbestos Results PLM % Chrysotile <u>tan</u> Amosite <u>tan</u> Other <u>tan</u>	Other Fibrous % Cellulose <u>tan</u> Fiberglass <u>tan</u> Other <u>tan</u>	Non Fibrous % Mineral Filler <u>tan</u> Organic Binders <u>tan</u> Vermiculite <u>tan</u> Other <u>tan</u>	Gravimetric (NOB) Results % Organic <u>tan</u> Residue <u>tan</u> Carbonate <u>tan</u> Other <u>tan</u> Asbestos <u>tan</u>
Comments: <u>See 24</u>						
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0						
POINT COUNT RESULTS ON THE BACK						

Field Number 20

Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Stereoscopic Exam Color <u>tan</u> Homogeneity <u>yes</u> # of Layers <u>1</u> Adhesives <input type="checkbox"/> Color of Layer <u>tan</u> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	PLM Optical Properties Morphology <u>tan</u> RI L <u>tan</u> DS Color <u>tan</u> Biref <u>tan</u> Sign <u>tan</u>	Asbestos Results PLM % Chrysotile <u>tan</u> Amosite <u>tan</u> Other <u>tan</u>	Other Fibrous % Cellulose <u>tan</u> Fiberglass <u>tan</u> Other <u>tan</u>	Non Fibrous % Mineral Filler <u>tan</u> Organic Binders <u>tan</u> Vermiculite <u>tan</u> Other <u>tan</u>	Gravimetric (NOB) Results % Organic <u>tan</u> Residue <u>tan</u> Carbonate <u>tan</u> Other <u>tan</u> Asbestos <u>tan</u>
Comments: <u>See 24</u>						
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0						
POINT COUNT RESULTS ON THE BACK						

Field Number 28

Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Stereoscopic Exam Color <u>tan</u> Homogeneity <u>yes</u> # of Layers <u>1</u> Adhesives <input type="checkbox"/> Color of Layer <u>tan</u> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	PLM Optical Properties Morphology <u>tan</u> RI L <u>tan</u> DS Color <u>tan</u> Biref <u>tan</u> Sign <u>tan</u>	Asbestos Results PLM % Chrysotile <u>tan</u> Amosite <u>tan</u> Other <u>tan</u>	Other Fibrous % Cellulose <u>tan</u> Fiberglass <u>tan</u> Other <u>tan</u>	Non Fibrous % Mineral Filler <u>tan</u> Organic Binders <u>tan</u> Vermiculite <u>tan</u> Other <u>tan</u>	Gravimetric (NOB) Results % Organic <u>tan</u> Residue <u>tan</u> Carbonate <u>tan</u> Other <u>tan</u> Asbestos <u>tan</u>
Comments: <u>See 24</u>						
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0						
POINT COUNT RESULTS ON THE BACK						

Field Number 30

Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Stereoscopic Exam Color <u>tan</u> Homogeneity <u>yes</u> # of Layers <u>1</u> Adhesives <input type="checkbox"/> Color of Layer <u>tan</u> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	PLM Optical Properties Morphology <u>tan</u> RI L <u>tan</u> DS Color <u>tan</u> Biref <u>tan</u> Sign <u>tan</u>	Asbestos Results PLM % Chrysotile <u>tan</u> Amosite <u>tan</u> Other <u>tan</u>	Other Fibrous % Cellulose <u>tan</u> Fiberglass <u>tan</u> Other <u>tan</u>	Non Fibrous % Mineral Filler <u>tan</u> Organic Binders <u>tan</u> Vermiculite <u>tan</u> Other <u>tan</u>	Gravimetric (NOB) Results % Organic <u>tan</u> Residue <u>tan</u> Carbonate <u>tan</u> Other <u>tan</u> Asbestos <u>tan</u>
Comments: <u>See 24</u>						
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0						
POINT COUNT RESULTS ON THE BACK						

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BULK ASBESTOS ANALYSIS SHEET

NYLAP 10/11/17
ELAP 10/17/18
DLYNIFUS BH-2
Nikon Optisshot

2123533599

P.24

Client/Project: EQM/ATC Michigan Bluff 18 Project Number: 7138
Analysis Date: 6/10/04 Analyst: M. W. W. Batch Number: 7138

Field Number <u>18-36</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>tan</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Color of Layer <u>tan</u>	Morphology <u>fib</u> RI L <u>---</u> DS Color <u>---</u> Biref <u>---</u>	Chrysotile <u>---</u> Amosite <u>---</u> Other <u>---</u>	Cellulose <u>---</u> Fiberglass <u>---</u> Other <u>---</u>	Mineral Filler <u>150</u> Organic Binders <u>---</u> Vermiculite <u>---</u> Other <u>---</u>	Organic Residue Carbonate Other Asbestos
POINT COUNT METHODS ON THE BACK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Progs. Asbestos = 0	Q.C. <input type="checkbox"/>		

Field Number <u>44A</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>tan</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Color of Layer <u>tan</u>	Morphology <u>fib</u> RI L <u>---</u> DS Color <u>---</u> Biref <u>---</u>	Chrysotile <u>---</u> Amosite <u>---</u> Other <u>---</u>	Cellulose <u>---</u> Fiberglass <u>---</u> Other <u>---</u>	Mineral Filler <u>25</u> Organic Binders <u>---</u> Vermiculite <u>---</u> Other <u>---</u>	Organic Residue Carbonate Other Asbestos
POINT COUNT METHODS ON THE BACK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Progs. Asbestos = 0	Q.C. <input type="checkbox"/>		

Field Number <u>4B</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>tan</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Color of Layer <u>tan</u>	Morphology <u>fib</u> RI L <u>---</u> DS Color <u>---</u> Biref <u>---</u>	Chrysotile <u>---</u> Amosite <u>---</u> Other <u>---</u>	Cellulose <u>---</u> Fiberglass <u>---</u> Other <u>---</u>	Mineral Filler <u>30</u> Organic Binders <u>---</u> Vermiculite <u>---</u> Other <u>---</u>	Organic Residue Carbonate Other Asbestos
POINT COUNT METHODS ON THE BACK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Progs. Asbestos = 0	Q.C. <input type="checkbox"/>		

Field Number <u>4C</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>tan</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Color of Layer <u>tan</u>	Morphology <u>fib</u> RI L <u>---</u> DS Color <u>---</u> Biref <u>---</u>	Chrysotile <u>---</u> Amosite <u>---</u> Other <u>---</u>	Cellulose <u>---</u> Fiberglass <u>---</u> Other <u>---</u>	Mineral Filler <u>25</u> Organic Binders <u>---</u> Vermiculite <u>---</u> Other <u>---</u>	Organic Residue Carbonate Other Asbestos
POINT COUNT METHODS ON THE BACK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Progs. Asbestos = 0	Q.C. <input type="checkbox"/>		

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105-
AROUN

TURNAROUND TIME

TURNAROUND TIME

☐ 3 hr. ☐ 6 hr. ☒ 24 hr. ☐ 48 hr.

☐ 72 hr. ☐ Standard ☐ Other

[illegible]

3 # 7074

Results to: Artex
Tony Bambarde
Fax # _____

WHITE - Client **YELLOW** - FBO **PINK** - Lab



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BULK ASBESTOS ANALYSIS SHEET

HYLAP 101187
ELAP 10079
OLYMPUS BX2
NIKON OPTISHOT

Client / Project EQM/ATC Michigan Bluff 3 Project Number 7139
Analysis Date 6/10/04 Analyst Mindy Batch Number 7139

Id Number <u>3-16A</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Color <u>tan</u>	Texture <u>ASF</u>	Morphology <u>LD</u>	Extinction <u>11</u>	Chrysotile <u>40</u>	Cellulose	Mined Filler	Organic
	Homogeneity <u>2</u>	Asbestos <u>4</u>	RI L <u>1.54</u>	RI L <u>1.51</u>	Amosite	Fiber glass	Organic Binders	Residue
	# of Layers <u>1</u>	Detected Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	DS Color <u>b/m</u>	Color, Pico <u>02</u>	Other	Other	Vermiculite	Carbonate
Comments:		Color of Layer <u>1</u>		Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Q.C. <input type="checkbox"/>		Asbestos	

Id Number <u>3</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Color <u>tan</u>	Texture <u>ASF</u>	Morphology <u>LD</u>	Extinction <u>11</u>	Chrysotile	Cellulose	Mined Filler	Organic
	Homogeneity <u>2</u>	Asbestos <u>4</u>	RI L <u>1.54</u>	RI L <u>1.51</u>	Amosite	Fiber glass	Organic Binders	Residue
	# of Layers <u>1</u>	Detected Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	DS Color <u>b/m</u>	Color, Pico <u>02</u>	Other	Other	Vermiculite	Carbonate
Comments:		Color of Layer <u>1</u>		Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Q.C. <input type="checkbox"/>		Asbestos	

Id Number <u>C</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Color <u>tan</u>	Texture <u>ASF</u>	Morphology <u>LD</u>	Extinction <u>11</u>	Chrysotile	Cellulose	Mined Filler	Organic
	Homogeneity <u>2</u>	Asbestos <u>4</u>	RI L <u>1.54</u>	RI L <u>1.51</u>	Amosite	Fiber glass	Organic Binders	Residue
	# of Layers <u>1</u>	Detected Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	DS Color <u>b/m</u>	Color, Pico <u>02</u>	Other	Other	Vermiculite	Carbonate
Comments:		Color of Layer <u>1</u>		Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Q.C. <input type="checkbox"/>		Asbestos	

Id Number <u>3-16A</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Color <u>tan</u>	Texture <u>ASF</u>	Morphology <u>LD</u>	Extinction <u>11</u>	Chrysotile	Cellulose	Mined Filler	Organic
	Homogeneity <u>2</u>	Asbestos <u>4</u>	RI L <u>1.54</u>	RI L <u>1.51</u>	Amosite	Fiber glass	Organic Binders	Residue
	# of Layers <u>1</u>	Detected Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	DS Color <u>b/m</u>	Color, Pico <u>02</u>	Other	Other	Vermiculite	Carbonate
Comments:		Color of Layer <u>1</u>		Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Q.C. <input type="checkbox"/>		Asbestos	



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Novi, Michigan 48377
248-669-5140

719 Griswold Avenue, Suite 820
Detroit, Michigan 48226
313-967-7850

CHAIN OF CUSTODY

TURNAROUND TIME

☐ 3 hr. ☐ 6 hr. ☒ 24 hr. ☐ 48 hr.
☐ 72 hr. ☐ Standard ☐ Other

Client: **Eam**

Project: **Quincy Smelter**
Franklin Twp, MI
Exterior

Sampler:

Project Number:

Sample #	Date	Sample Description	Sample Location	Parameters (CIRCLE ONE)
25-010A	6-1-01	Green ref material	Subs. - East of Bldg # 25	PLM / POM
25-010B				PLM / POM
25-010C				PLM / POM
25-010D				PLM / POM
25-010E				PLM / POM
25-010F				PLM / POM
25-010G				PLM / POM
25-010H				PLM / POM
25-010I				PLM / POM
25-010J				PLM / POM
25-010K				PLM / POM
25-010L				PLM / POM
25-010M				PLM / POM
25-010N				PLM / POM
25-010O				PLM / POM
25-010P				PLM / POM
25-010Q				PLM / POM
25-010R				PLM / POM
25-010S				PLM / POM
25-010T				PLM / POM
25-010U				PLM / POM
25-010V				PLM / POM
25-010W				PLM / POM
25-010X				PLM / POM
25-010Y				PLM / POM
25-010Z				PLM / POM

Comments:

1st Positive Step

Relinquished By:

Date/Time

LAB INFO:
Analyzed By:

Results to: Art Nov

Received By:

Date/Time

Date

Fax #



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BULK ASBESTOS ANALYSIS SHEET

Client / Project

ATC MI / 30 W, Exterior

Project Number

7160

Analysis Date

6/11/04

Analyst

Ward

Batch Number

7160

NALAP 101187
ELAP 10879
OLYMPUS BH-2
NIKON OPTISHOT

JUN-13-2004 09:55

ATC

1	Field Number	1A	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/>		Texture <u>AS</u>	Morphology <u> </u>	Chrysotile <u> </u>	Cellulose <u>40</u>	Mineral Filler <u>12</u>	Organic Residue <u> </u>
	Recommended <u>4</u>		Homogeneity <u>9</u>	RI L <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Organic Binders <u>44</u>	Residue <u> </u>
	Gravimetric PREP <input type="checkbox"/>		# of Layers <u>1</u>	RI L <u> </u>	Other <u> </u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
	Gravimetric (NOB) PLM <input type="checkbox"/>		Asbestos <input type="checkbox"/>	DS Color <u> </u>			Other <u> </u>	Other <u> </u>
	Gravimetric (NOB) TEM <input type="checkbox"/>		Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Color, Pico <u> </u>				Asbestos <u> </u>
	Gravimetric (NOB) TEM <input type="checkbox"/>		Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Brief <u> </u>				
	Comments:							
	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER			SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0				
	POINT COUNT RESULTS ON THE BLOCK							

2	Field Number	1B	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/>		Texture <u>AS</u>	Morphology <u> </u>	Chrysotile <u> </u>	Cellulose <u>44</u>	Mineral Filler <u>10</u>	Organic Residue <u> </u>
	Recommended <u>4</u>		Homogeneity <u>9</u>	RI L <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Organic Binders <u>46</u>	Residue <u> </u>
	Gravimetric PREP <input type="checkbox"/>		# of Layers <u>1</u>	RI L <u> </u>	Other <u> </u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
	Gravimetric (NOB) PLM <input type="checkbox"/>		Asbestos <input type="checkbox"/>	DS Color <u> </u>			Other <u> </u>	Other <u> </u>
	Gravimetric (NOB) TEM <input type="checkbox"/>		Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Color, Pico <u> </u>				Asbestos <u> </u>
	Gravimetric (NOB) TEM <input type="checkbox"/>		Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Brief <u> </u>				
	Comments:							
	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER			SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0				
	POINT COUNT RESULTS ON THE BLOCK							

3	Field Number	1C	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/>		Texture <u>AS</u>	Morphology <u> </u>	Chrysotile <u> </u>	Cellulose <u>43</u>	Mineral Filler <u>12</u>	Organic Residue <u> </u>
	Recommended <u>4</u>		Homogeneity <u>9</u>	RI L <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Organic Binders <u>44</u>	Residue <u> </u>
	Gravimetric PREP <input type="checkbox"/>		# of Layers <u>1</u>	RI L <u> </u>	Other <u> </u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
	Gravimetric (NOB) PLM <input type="checkbox"/>		Asbestos <input type="checkbox"/>	DS Color <u> </u>			Other <u> </u>	Other <u> </u>
	Gravimetric (NOB) TEM <input type="checkbox"/>		Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Color, Pico <u> </u>				Asbestos <u> </u>
	Gravimetric (NOB) TEM <input type="checkbox"/>		Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Brief <u> </u>				
	Comments:							
	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER			SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0				
	POINT COUNT RESULTS ON THE BLOCK							

4	Field Number	1D	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/>		Texture <u>AS</u>	Morphology <u> </u>	Chrysotile <u> </u>	Cellulose <u>44</u>	Mineral Filler <u>10</u>	Organic Residue <u> </u>
	Recommended <u>4</u>		Homogeneity <u>9</u>	RI L <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Organic Binders <u>46</u>	Residue <u> </u>
	Gravimetric PREP <input type="checkbox"/>		# of Layers <u>1</u>	RI L <u> </u>	Other <u> </u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
	Gravimetric (NOB) PLM <input type="checkbox"/>		Asbestos <input type="checkbox"/>	DS Color <u> </u>			Other <u> </u>	Other <u> </u>
	Gravimetric (NOB) TEM <input type="checkbox"/>		Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Color, Pico <u> </u>				Asbestos <u> </u>
	Gravimetric (NOB) TEM <input type="checkbox"/>		Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Brief <u> </u>				
	Comments:							
	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER			SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0				
	POINT COUNT RESULTS ON THE BLOCK							



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BULK ASBESTOS ANALYSIS SHEET

Client / Project McNeil / EBM, exterior
Analysis Date 6/11/04 Analyst me
Project Number 7160
Batch Number 7160

NVLAP 101187
ELAP 10879
Microscope OLMPUS BH-2
NIKON OPTISHOT

1	Field Number <u>2b</u>	Stereoscopic Exam		PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>white</u>	Texture <u>gran</u>	Morphology <u> </u> RI L <u> </u> DS Color <u> </u> Brief <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>150</u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
POINT COUNT METHOD ON THE BACK		Comments:		Q.C. <input type="checkbox"/>				
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER		SCANNING OPTION: ELAP (P.C.) & EPA Print 4 Preps, Asbestos = 0						

2	Field Number <u>3c</u>	Stereoscopic Exam		PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>white</u>	Texture <u>gran</u>	Morphology <u> </u> RI L <u> </u> DS Color <u> </u> Brief <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>99</u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
POINT COUNT METHOD ON THE BACK		Comments:		Q.C. <input type="checkbox"/>				
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER		SCANNING OPTION: ELAP (P.C.) & EPA Print 4 Preps, Asbestos = 0						

3	Field Number <u>4a</u>	Stereoscopic Exam		PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>gray</u>	Texture <u>flk</u>	Morphology <u> </u> RI L <u> </u> DS Color <u> </u> Brief <u> </u>	Chrysotile <u>50</u> Amosite <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>8</u> Organic Binders <u>42</u> Vermiculite <u> </u> Other <u> </u>	Organic Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
POINT COUNT METHOD ON THE BACK		Comments:		Q.C. <input type="checkbox"/>				
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER		SCANNING OPTION: ELAP (P.C.) & EPA Print 4 Preps, Asbestos = 8						

4	Field Number <u>4b</u>	Stereoscopic Exam		PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u> </u>	Texture <u> </u>	Morphology <u> </u> RI L <u> </u> DS Color <u> </u> Brief <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
POINT COUNT METHOD ON THE BACK		Comments:		Q.C. <input type="checkbox"/>				
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER		SCANNING OPTION: ELAP (P.C.) & EPA Print 4 Preps, Asbestos = 0						



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BULK ASBESTOS ANALYSIS SHEET

NYLAP 104157
ELAP 10875
OLYMPUS BH-2
NIXON OPTISHOT

Client / Project ATC Inc / FERRI, exterior Project Number 7160
Analysis Date 6/11/04 Analyst WMB Batch Number 7160

JUN-13-2004 09:56

1	Field Number <u>4</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %	
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color _____ Homogeneity _____ # of Layers _____ Color of Layer _____ Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Texture _____ Morphology _____ RI L _____ DS Color _____ Brief _____	Extinction _____ RI L _____ Color, Pico _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose _____ Fiberglass _____ Other _____	Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
	POINT COUNT Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Q.C. <input type="checkbox"/>						

2	Field Number	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %	
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color _____ Homogeneity _____ # of Layers _____ Color of Layer _____ Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Texture _____ Morphology _____ RI L _____ DS Color _____ Brief _____	Extinction _____ RI L _____ Color, Pico _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose _____ Fiberglass _____ Other _____	Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
	POINT COUNT Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Q.C. <input type="checkbox"/>						

3	Field Number	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %	
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color _____ Homogeneity _____ # of Layers _____ Color of Layer _____ Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Texture _____ Morphology _____ RI L _____ DS Color _____ Brief _____	Extinction _____ RI L _____ Color, Pico _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose _____ Fiberglass _____ Other _____	Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
	POINT COUNT Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Q.C. <input type="checkbox"/>						

4	Field Number	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %	
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color _____ Homogeneity _____ # of Layers _____ Color of Layer _____ Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Texture _____ Morphology _____ RI L _____ DS Color _____ Brief _____	Extinction _____ RI L _____ Color, Pico _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose _____ Fiberglass _____ Other _____	Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
	POINT COUNT Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Q.C. <input type="checkbox"/>						



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313-967-7850

CHAIN OF CUSTODY

TURNAROUND TIME

☐ 3 hr. ☐ 6 hr. ☒ 24 hr. ☐ 48 hr.
☐ 72 hr. ☐ Standard ☐ Other

Client: EGM

Project: Gurney Smelter
Franklin Twp, MI
Bldg # 16: Pump House

Sampler: R. Strick, M. Harsuth, S. Hill
Project Number:

Sample #	Date	Sample Description	Sample Location	Parameters (CIRCLE ONE)
K-01A	6/24	Pipe Insulation	Main Area	<u>PLM</u> / POM
K-01B				<u>PLM</u> / POM
K-01C				<u>PLM</u> / POM
K-02A		Plaster	Main Area	<u>PLM</u> / POM
K-02B				<u>PLM</u> / POM
K-02C				<u>PLM</u> / POM
K-03A		Gasket	Mid machine	<u>PLM</u> / POM
K-03B				<u>PLM</u> / POM
K-03C				<u>PLM</u> / POM
K-04A		Gasket (Gray)	on floor	<u>PLM</u> / POM
K-04B				<u>PLM</u> / POM
K-04C				<u>PLM</u> / POM

Comments:

1st Positive Step

Total # 21

Relinquished By:

Date / Time

LAB INFO:
Analyzed By:

Received By:

Date / Time

Date

Results to: ATC Novi

Tony Barbardo

Fax #

248-669-5147

B. Pectio

6/19/04 16:00

WHITE - Client

YELLOW - File

PINK - Lab



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Novi, Michigan 48377
248-669-5140

719 Griswold Avenue, Suite 820
Detroit, Michigan 48226
313-967-7850

CHAIN OF CUSTODY

TURNAROUND TIME

☐ 3 hr. ☐ 6 hr. ☒ 24 hr. ☐ 48 hr.
☐ 72 hr. ☐ Standard ☐ Other

2 of 2 # 7163

Client: Eam

Project: Gurney Smelter
Franklin Twp, MI
Bldg # 16: Pump House

Sampler: R. Stubbs, M. Housworth, S. Miller
Project Number:

Sample #	Date	Sample Description	Sample Location	Parameters (CIRCLE ONE)
16-054	6/30/04	Electrical wire wrap	Small attached shed	PLM / POM
16-058				PLM / POM
16-059				PLM / POM
16-060		Particle Board	Small attached shed	PLM / POM
16-068				PLM / POM
16-069				PLM / POM
16-070		Door Shallowing	Shed Door exterior	PLM / POM
16-078				PLM / POM
16-079				PLM / POM
				PLM / POM
				PLM / POM
				PLM / POM

Comments:

1st Positive Step

Relinquished By:

Date / Time

6/19/04 16:00

LAB INFO:
Analyzed By:

Received By:

Date / Time

B. Reith

6/19/04 1:00 pm

Results to: ATC Novi
Tony Barbardo
Fax # 248-669-5147

WHITE - Client

YELLOW - File

PINK - Lab



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BULK ASBESTOS ANALYSIS SHEET

NY-LAP 101187
ELAP 10878
Microscope OLYMPUS BH2
NIKON DPT SHOT

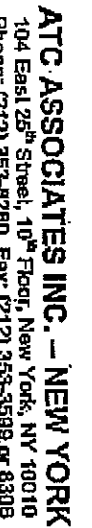
Client/Project EDM/ATC Michigan Bluff 16 Project Number 7163
Analysis Date 6/12/04 Analyst Mundy Batch Number 7163

1	Field Number <u>1A</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>white</u> Texture <u>fine</u>	Morphology <u>W</u> Extinction <u>1/1</u> RI L <u>1.509</u> RI H <u>1.511</u> DS Color <u>6/10</u> Color Photo <u>C</u> Birefr <u>1</u> Sign <u>+</u>	<u>50</u> Chrysotile <u>0</u> Amosite <u>0</u> Other <u>0</u>	<u>0</u> Cellulose <u>0</u> Fiberglass <u>0</u> Other <u>0</u>	<u>50</u> Mineral Fiber <u>0</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	<u>0</u> Organic Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>0</u>
	POINT COUNT RESULTS ON THE BACK	Comments:	Q.C. <input type="checkbox"/>				
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA Final 4 Prep. Asbestos = 0							

2	Field Number <u>1B</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>white</u> Texture <u>fine</u>	Morphology <u>W</u> Extinction <u>1/1</u> RI L <u>1.509</u> RI H <u>1.511</u> DS Color <u>6/10</u> Color Photo <u>C</u> Birefr <u>1</u> Sign <u>+</u>	<u>50</u> Chrysotile <u>0</u> Amosite <u>0</u> Other <u>0</u>	<u>0</u> Cellulose <u>0</u> Fiberglass <u>0</u> Other <u>0</u>	<u>50</u> Mineral Fiber <u>0</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	<u>0</u> Organic Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>0</u>
	POINT COUNT RESULTS ON THE BACK	Comments:	Q.C. <input type="checkbox"/>				
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA Final 4 Prep. Asbestos = 0							

3	Field Number <u>1C</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>white</u> Texture <u>fine</u>	Morphology <u>W</u> Extinction <u>1/1</u> RI L <u>1.509</u> RI H <u>1.511</u> DS Color <u>6/10</u> Color Photo <u>C</u> Birefr <u>1</u> Sign <u>+</u>	<u>50</u> Chrysotile <u>0</u> Amosite <u>0</u> Other <u>0</u>	<u>0</u> Cellulose <u>0</u> Fiberglass <u>0</u> Other <u>0</u>	<u>50</u> Mineral Fiber <u>0</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	<u>0</u> Organic Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>0</u>
	POINT COUNT RESULTS ON THE BACK	Comments:	Q.C. <input type="checkbox"/>				
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA Final 4 Prep. Asbestos = 0							

4	Field Number <u>2A</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>tan</u> Texture <u>open</u>	Morphology <u>W</u> Extinction <u>1/1</u> RI L <u>1.509</u> RI H <u>1.511</u> DS Color <u>6/10</u> Color Photo <u>C</u> Birefr <u>1</u> Sign <u>+</u>	<u>50</u> Chrysotile <u>0</u> Amosite <u>0</u> Other <u>0</u>	<u>0</u> Cellulose <u>0</u> Fiberglass <u>0</u> Other <u>0</u>	<u>50</u> Mineral Fiber <u>0</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	<u>0</u> Organic Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>0</u>
	POINT COUNT RESULTS ON THE BACK	Comments:	Q.C. <input type="checkbox"/>				
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA Final 4 Prep. Asbestos = 0							



NYLAP 101167
ELAP 10879
Microscope CLYAPUS BH-2
NIKON OPTSHOT

Analysis Date 6/12/04 Analyst mev Batch Number 7163

ATC

4 Field Number <u>30</u>	Stratigraphic Exam		PLM Optical Properties		Asbestos Results PLM %		Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input checked="" type="checkbox"/> Gravimetric PRPP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>Black</u> Homogeneity <u>N</u> # of Layers <u>1</u> Color of Layer _____	Texture <u>VF</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Morphology _____ RI L _____ DS Color _____ Etal _____	Estimation RI L _____ Color, Pleo _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	<u>30</u> Cellulose _____ Fiberglass _____ Other _____	<u>25</u> Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____	
Comments:									
Method: <input checked="" type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0									
POINT COUNT results on the back <input type="checkbox"/> Q.C. <input type="checkbox"/>									



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BULK ASBESTOS ANALYSIS SHEET

RYLAP 101187
ELAP 10579
OLYMPUS BH-2
NIKON OPTISHOT

Client/Project EQM/ATC Michigan Bluff 16 Project Number 7163
Analysis Date 6/12/04 Analyst Mandy Batch Number 7163

Field Number	3C	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>black</u>	Texture <u>RC</u>	Morphology <u>12</u>	Chrysotile <u>35</u>	Cellulose <u>20</u>	Mineral Filler <u>45</u>	Organic Residue <u>0</u>
Recommended <input type="checkbox"/>	Homogeneity <u>Y</u>	Asbestos <input type="checkbox"/>	RI L <u>1.54</u>	Amosite <u>0</u>	Fiberglass <u>0</u>	Organic Binders <u>0</u>	Residue <u>0</u>
Gravimetric PREP <input type="checkbox"/>	# of Layers <u>1</u>	Asbestos <input checked="" type="checkbox"/>	RI L <u>1.54</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Carbonate <u>0</u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u> </u>	Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Color, Pico <u>0</u>	Sign <u> </u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments: <u> </u>						
POINT COUNT RESULTS ON THE BLOCK Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Progs. Asbestos = 0							
Field Number <u>4A</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %	
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>brown</u>	Texture <u>flk</u>	Morphology <u>12</u>	Chrysotile <u>20</u>	Cellulose <u>62</u>	Organic Residue <u>0</u>	
Recommended <input type="checkbox"/>	Homogeneity <u>Y</u>	Asbestos <input checked="" type="checkbox"/>	RI L <u>1.54</u>	Amosite <u>0</u>	Fiberglass <u>0</u>	Residue <u>0</u>	
Gravimetric PREP <input type="checkbox"/>	# of Layers <u>1</u>	Asbestos <input type="checkbox"/>	RI L <u>1.54</u>	Other <u>0</u>	Other <u>0</u>	Carbonate <u>0</u>	
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u> </u>	Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Color, Pico <u>0</u>	Sign <u> </u>	Other <u>0</u>	Other <u>0</u>	
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments: <u> </u>						
POINT COUNT RESULTS ON THE BLOCK Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Progs. Asbestos = 0							
Field Number <u>4B</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %	
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u> </u>	Texture <u> </u>	Morphology <u> </u>	Chrysotile <u> </u>	Cellulose <u> </u>	Organic Residue <u> </u>	
Recommended <input type="checkbox"/>	Homogeneity <u> </u>	Asbestos <input type="checkbox"/>	RI L <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Residue <u> </u>	
Gravimetric PREP <input type="checkbox"/>	# of Layers <u> </u>	Asbestos <input type="checkbox"/>	RI L <u> </u>	Other <u> </u>	Other <u> </u>	Carbonate <u> </u>	
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u> </u>	Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Color, Pico <u> </u>	Sign <u> </u>	Other <u> </u>	Other <u> </u>	
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments: <u> </u>						
POINT COUNT RESULTS ON THE BLOCK Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Progs. Asbestos = 0							
Field Number <u>4C</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %	
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u> </u>	Texture <u> </u>	Morphology <u> </u>	Chrysotile <u> </u>	Cellulose <u> </u>	Organic Residue <u> </u>	
Recommended <input type="checkbox"/>	Homogeneity <u> </u>	Asbestos <input type="checkbox"/>	RI L <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Residue <u> </u>	
Gravimetric PREP <input type="checkbox"/>	# of Layers <u> </u>	Asbestos <input type="checkbox"/>	RI L <u> </u>	Other <u> </u>	Other <u> </u>	Carbonate <u> </u>	
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u> </u>	Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Color, Pico <u> </u>	Sign <u> </u>	Other <u> </u>	Other <u> </u>	
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments: <u> </u>						
POINT COUNT RESULTS ON THE BLOCK Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Progs. Asbestos = 0							



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BULK ASBESTOS ANALYSIS SHEET

NYLAP 101167
ELAP 10879
OLYMPLUS BH-2
NIKON OPTIPHOT

Client / Project: EQM/ATC Michigan Bldg #16 Project Number: 7163
Analysis Date: 6/10/04 Analyst: Mundy Batch Number: 7163

Field Number	1A	1B	1C
Gravimetric (NOB)	Required <input type="checkbox"/>	Required <input type="checkbox"/>	Required <input type="checkbox"/>
Recommended <input type="checkbox"/>	Recommended <input type="checkbox"/>	Recommended <input type="checkbox"/>	Recommended <input type="checkbox"/>
Gravimetric (NOB) PLM <input type="checkbox"/>	Gravimetric (NOB) PLM <input type="checkbox"/>	Gravimetric (NOB) PLM <input type="checkbox"/>	Gravimetric (NOB) PLM <input type="checkbox"/>
Gravimetric (NOB) TEM <input type="checkbox"/>	Gravimetric (NOB) TEM <input type="checkbox"/>	Gravimetric (NOB) TEM <input type="checkbox"/>	Gravimetric (NOB) TEM <input type="checkbox"/>
POINT COUNT RESULTS ON THE BACK	POINT COUNT RESULTS ON THE BACK	POINT COUNT RESULTS ON THE BACK	POINT COUNT RESULTS ON THE BACK
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER
SCANNING OPTION: ELAP (P.C.) & EPA	SCANNING OPTION: ELAP (P.C.) & EPA	SCANNING OPTION: ELAP (P.C.) & EPA	SCANNING OPTION: ELAP (P.C.) & EPA
First 4 Preps, Asbestos = 0	First 4 Preps, Asbestos = 0	First 4 Preps, Asbestos = 0	First 4 Preps, Asbestos = 0
Stereoscopic Exam	Stereoscopic Exam	Stereoscopic Exam	Stereoscopic Exam
Color <u>gray</u>	Color <u>gray</u>	Color <u>gray</u>	Color <u>gray</u>
Homogeneity <u>1</u>	Homogeneity <u>1</u>	Homogeneity <u>1</u>	Homogeneity <u>1</u>
# of Layers <u>1</u>	# of Layers <u>1</u>	# of Layers <u>1</u>	# of Layers <u>1</u>
Asbestos <input type="checkbox"/> <u>1</u>	Asbestos <input type="checkbox"/> <u>1</u>	Asbestos <input type="checkbox"/> <u>1</u>	Asbestos <input type="checkbox"/> <u>1</u>
Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Detected Yes <input type="checkbox"/> No <input type="checkbox"/>
Comments:	Comments:	Comments:	Comments:
PLM Optical Properties	PLM Optical Properties	PLM Optical Properties	PLM Optical Properties
Morphology <u>fib</u>	Morphology <u>fib</u>	Morphology <u>fib</u>	Morphology <u>fib</u>
RI L <u>1</u>	RI L <u>1</u>	RI L <u>1</u>	RI L <u>1</u>
DS Color <u>1</u>	DS Color <u>1</u>	DS Color <u>1</u>	DS Color <u>1</u>
Biref <u>1</u>	Biref <u>1</u>	Biref <u>1</u>	Biref <u>1</u>
Asbestos Results PLM %	Asbestos Results PLM %	Asbestos Results PLM %	Asbestos Results PLM %
Chrysotile <u>100</u>	Chrysotile <u>100</u>	Chrysotile <u>100</u>	Chrysotile <u>100</u>
Amphibole <u>0</u>	Amphibole <u>0</u>	Amphibole <u>0</u>	Amphibole <u>0</u>
Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>
Other Fibrous %	Other Fibrous %	Other Fibrous %	Other Fibrous %
Cellulose <u>0</u>	Cellulose <u>0</u>	Cellulose <u>0</u>	Cellulose <u>0</u>
Fiberglass <u>0</u>	Fiberglass <u>0</u>	Fiberglass <u>0</u>	Fiberglass <u>0</u>
Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>
Non Fibrous %	Non Fibrous %	Non Fibrous %	Non Fibrous %
Mineral Fiber <u>0</u>	Mineral Fiber <u>0</u>	Mineral Fiber <u>0</u>	Mineral Fiber <u>0</u>
Organic Binders <u>0</u>	Organic Binders <u>0</u>	Organic Binders <u>0</u>	Organic Binders <u>0</u>
Vermiculite <u>0</u>	Vermiculite <u>0</u>	Vermiculite <u>0</u>	Vermiculite <u>0</u>
Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>
Gravimetric (NOB) Results %	Gravimetric (NOB) Results %	Gravimetric (NOB) Results %	Gravimetric (NOB) Results %
Organic <u>0</u>	Organic <u>0</u>	Organic <u>0</u>	Organic <u>0</u>
Residue <u>0</u>	Residue <u>0</u>	Residue <u>0</u>	Residue <u>0</u>
Carbonate <u>0</u>	Carbonate <u>0</u>	Carbonate <u>0</u>	Carbonate <u>0</u>
Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>
Asbestos <u>0</u>	Asbestos <u>0</u>	Asbestos <u>0</u>	Asbestos <u>0</u>



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BULK ASBESTOS ANALYSIS SHEET

NYLAP 101181
ELAP 10871
Microscope OLYMPUS BH4
NIKON OPTISHOT

Client / Project EQM/ATC Michigan Bluff #16 Project Number 7163
Analysis Date 6/12/04 Analyst mev Batch Number 7163

Field Number <u>1</u>	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Stereoscopic Exam Color <u>gray</u> Homogeneity <u>1</u> # of Layers <u>1</u> Color of Layer <u>1</u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	PLM Optical Properties Morphology <u>1</u> R.L. <u>1</u> DS Color <u>1</u> Bifid <u>1</u>	Asbestos Results PLM % <u>100</u> Chrysotile <u>100</u> Amosite <u>100</u> Other <u>100</u>	Other Fibrous % <u>100</u> Cellulose <u>100</u> Fiberglass <u>100</u> Other <u>100</u>	Non Fibrous % <u>100</u> Mineral Filler <u>100</u> Organic Binders <u>100</u> Vermiculite <u>100</u> Other <u>100</u>	Gravimetric (NOB) Results % <u>100</u> Organic <u>100</u> Residue <u>100</u> Carbonate <u>100</u> Other <u>100</u> Asbestos <u>100</u>
POINT COUNT Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA <input type="checkbox"/> First 4 Preps, Asbestos = 0							

Field Number <u>2</u>	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Stereoscopic Exam Color <u>gray</u> Homogeneity <u>1</u> # of Layers <u>1</u> Color of Layer <u>1</u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	PLM Optical Properties Morphology <u>1</u> R.L. <u>1</u> DS Color <u>1</u> Bifid <u>1</u>	Asbestos Results PLM % <u>100</u> Chrysotile <u>100</u> Amosite <u>100</u> Other <u>100</u>	Other Fibrous % <u>100</u> Cellulose <u>100</u> Fiberglass <u>100</u> Other <u>100</u>	Non Fibrous % <u>100</u> Mineral Filler <u>100</u> Organic Binders <u>100</u> Vermiculite <u>100</u> Other <u>100</u>	Gravimetric (NOB) Results % <u>100</u> Organic <u>100</u> Residue <u>100</u> Carbonate <u>100</u> Other <u>100</u> Asbestos <u>100</u>
POINT COUNT Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA <input type="checkbox"/> First 4 Preps, Asbestos = 0							

Field Number <u>3</u>	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Stereoscopic Exam Color <u>gray</u> Homogeneity <u>1</u> # of Layers <u>1</u> Color of Layer <u>1</u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	PLM Optical Properties Morphology <u>1</u> R.L. <u>1</u> DS Color <u>1</u> Bifid <u>1</u>	Asbestos Results PLM % <u>100</u> Chrysotile <u>100</u> Amosite <u>100</u> Other <u>100</u>	Other Fibrous % <u>100</u> Cellulose <u>100</u> Fiberglass <u>100</u> Other <u>100</u>	Non Fibrous % <u>100</u> Mineral Filler <u>100</u> Organic Binders <u>100</u> Vermiculite <u>100</u> Other <u>100</u>	Gravimetric (NOB) Results % <u>100</u> Organic <u>100</u> Residue <u>100</u> Carbonate <u>100</u> Other <u>100</u> Asbestos <u>100</u>
POINT COUNT Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA <input type="checkbox"/> First 4 Preps, Asbestos = 0							

Field Number <u>4</u>	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Stereoscopic Exam Color <u>gray</u> Homogeneity <u>1</u> # of Layers <u>1</u> Color of Layer <u>1</u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	PLM Optical Properties Morphology <u>1</u> R.L. <u>1</u> DS Color <u>1</u> Bifid <u>1</u>	Asbestos Results PLM % <u>100</u> Chrysotile <u>100</u> Amosite <u>100</u> Other <u>100</u>	Other Fibrous % <u>100</u> Cellulose <u>100</u> Fiberglass <u>100</u> Other <u>100</u>	Non Fibrous % <u>100</u> Mineral Filler <u>100</u> Organic Binders <u>100</u> Vermiculite <u>100</u> Other <u>100</u>	Gravimetric (NOB) Results % <u>100</u> Organic <u>100</u> Residue <u>100</u> Carbonate <u>100</u> Other <u>100</u> Asbestos <u>100</u>
POINT COUNT Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA <input type="checkbox"/> First 4 Preps, Asbestos = 0							



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BULK ASBESTOS ANALYSIS SHEET

NVLA# 10/11/7
ELAP 10/8/7
OLYMPUS BH-2
NIKON OPTISHOT

Client / Project EQM/ATC Michigan Bluffs 16 Project Number 7163
Analysis Date 6/10/04 Analyst Paula Batch Number 7163

1	Field Number <u>7C</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>Yellow</u> Texture <u>RS</u>	Morphology <u>RI 1</u> Extinction <u>RI 1</u>	Chrysotile <u>30</u> Amphibole <u>0</u>	Cellulose <u>0</u> Fiberglass <u>0</u> Other <u>0</u>	Mineral Filler <u>23</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	Organic Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>0</u>
	Recommended PREP <input type="checkbox"/>	# of Layers <u>1</u> Asbestos <input type="checkbox"/>	DS Color <u>0</u> Color, Pico <u>0</u> Sign <u>0</u>				
	Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u>0</u> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Brief <u>0</u>				
	Gravimetric (NOB) TEM <input type="checkbox"/>	Comments:					
	POINT COUNT METHOD: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Preps. Asbestos = 0			
	RELATIONS ON THE BLOCK						

2	Field Number	Stereoscopic Exam	PLM Optical Properties	Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>0</u> Texture <u>0</u>	Morphology <u>0</u> Extinction <u>0</u>	Chrysotile <u>0</u> Amphibole <u>0</u> Other <u>0</u>	Cellulose <u>0</u> Fiberglass <u>0</u> Other <u>0</u>	Mineral Filler <u>0</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	Organic Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>0</u>
	Recommended PREP <input type="checkbox"/>	# of Layers <u>0</u> Asbestos <input type="checkbox"/>	DS Color <u>0</u> Color, Pico <u>0</u> Sign <u>0</u>				
	Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u>0</u> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Brief <u>0</u>				
	Gravimetric (NOB) TEM <input type="checkbox"/>	Comments:					
	POINT COUNT METHOD: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Preps. Asbestos = 0			
	RELATIONS ON THE BLOCK						

3	Field Number	Stereoscopic Exam	PLM Optical Properties	Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>0</u> Texture <u>0</u>	Morphology <u>0</u> Extinction <u>0</u>	Chrysotile <u>0</u> Amphibole <u>0</u> Other <u>0</u>	Cellulose <u>0</u> Fiberglass <u>0</u> Other <u>0</u>	Mineral Filler <u>0</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	Organic Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>0</u>
	Recommended PREP <input type="checkbox"/>	# of Layers <u>0</u> Asbestos <input type="checkbox"/>	DS Color <u>0</u> Color, Pico <u>0</u> Sign <u>0</u>				
	Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u>0</u> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Brief <u>0</u>				
	Gravimetric (NOB) TEM <input type="checkbox"/>	Comments:					
	POINT COUNT METHOD: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Preps. Asbestos = 0			
	RELATIONS ON THE BLOCK						

4	Field Number	Stereoscopic Exam	PLM Optical Properties	Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>0</u> Texture <u>0</u>	Morphology <u>0</u> Extinction <u>0</u>	Chrysotile <u>0</u> Amphibole <u>0</u> Other <u>0</u>	Cellulose <u>0</u> Fiberglass <u>0</u> Other <u>0</u>	Mineral Filler <u>0</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	Organic Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>0</u>
	Recommended PREP <input type="checkbox"/>	# of Layers <u>0</u> Asbestos <input type="checkbox"/>	DS Color <u>0</u> Color, Pico <u>0</u> Sign <u>0</u>				
	Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u>0</u> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Brief <u>0</u>				
	Gravimetric (NOB) TEM <input type="checkbox"/>	Comments:					
	POINT COUNT METHOD: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Preps. Asbestos = 0			
	RELATIONS ON THE BLOCK						



46555 Humboldt Drive, Suite 100
Novi, Michigan 48377
248-669-5140

719 Griswold Avenue, Suite 820
Detroit, Michigan 48226
313-967-7850

CHAIN OF CUSTODY

TURNAROUND TIME

☐ 3 hr. ☐ 6 hr. ☒ 24 hr. ☐ 48 hr.
☐ 72 hr. ☐ Standard ☐ Other

Client: <u>Eam</u>		Project: <u>Quincy Smelter</u> <u>Franklin Twp, MI</u>		Sampler: <u>R. Stubbins M. Hauswirth, S. Milk</u>	
Project Number: <u>Bldg 25</u>					
Sample #	Date	Sample Description	Sample Location	Parameters (CIRCLE ONE)	
25-02A	6.3.04	Shingle	1st Floor - Steel	<u>PLM</u> / POM	
25-02B	↓	↓	↓	<u>PLM</u> / POM	
25-02C	↓	↓	↓	<u>PLM</u> / POM	
25-03A	↓	↓	2nd Floor	<u>PLM</u> / POM	
25-03B	↓	↓	↓	<u>PLM</u> / POM	
25-03C	↓	↓	↓	<u>PLM</u> / POM	
25-04A	↓	↓	2nd Fl. No cover	<u>PLM</u> / POM	
25-04B	↓	↓	↓	<u>PLM</u> / POM	
25-04C	↓	↓	↓	<u>PLM</u> / POM	
				<u>PLM</u> / POM	
				<u>PLM</u> / POM	
				<u>PLM</u> / POM	
				<u>PLM</u> / POM	
Comments: <u>1st Positive Step</u>					
Relinquished By: <u>[Signature]</u>		Date/Time: <u>6/19/04 16:00</u>		LAB INFO: Analyzed By: <u>[Signature]</u>	
Received By: <u>B. Reiter</u>		Date/Time: <u>6/11/04 6pm</u>		Date: <u>[Blank]</u>	
				Results to: <u>ATC Nov</u> <u>Tony Burrows</u>	
				Fax # <u>248-669-5147</u>	

WHITE - Client YELLOW - File PINK - Lab



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BULK ASBESTOS ANALYSIS SHEET

NVLAP 103157
ELAP 10878
OLYMPUS BH-2
NIKON OPTSHOT

Client / Project EDM/ATC Michigan Bluff 25 Project Number 7161
Analysis Date 6/12/04 Analyst Mundy Batch Number 7161

Field Number	1	2	3	4
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input checked="" type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input checked="" type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input checked="" type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input checked="" type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input checked="" type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>
Color <u>black</u> Homogeneity <u>4</u> # of Layers <u>1</u> Color of Layer <u>black</u>	Color <u>black</u> Homogeneity <u>4</u> # of Layers <u>1</u> Color of Layer <u>black</u>	Color <u>black</u> Homogeneity <u>4</u> # of Layers <u>1</u> Color of Layer <u>black</u>	Color <u>black</u> Homogeneity <u>4</u> # of Layers <u>1</u> Color of Layer <u>black</u>	Color <u>black</u> Homogeneity <u>4</u> # of Layers <u>1</u> Color of Layer <u>black</u>
Texture <u>AC</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Texture <u>AC</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Texture <u>AC</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Texture <u>AC</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Texture <u>AC</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
PLM Optical Properties Morphology <u>RI 1</u> RI 1 <u>1</u> DS Color <u>Color, Pico</u> Brief <u>Sign</u>	PLM Optical Properties Morphology <u>RI 1</u> RI 1 <u>1</u> DS Color <u>Color, Pico</u> Brief <u>Sign</u>	PLM Optical Properties Morphology <u>RI 1</u> RI 1 <u>1</u> DS Color <u>Color, Pico</u> Brief <u>Sign</u>	PLM Optical Properties Morphology <u>RI 1</u> RI 1 <u>1</u> DS Color <u>Color, Pico</u> Brief <u>Sign</u>	PLM Optical Properties Morphology <u>RI 1</u> RI 1 <u>1</u> DS Color <u>Color, Pico</u> Brief <u>Sign</u>
Asbestos Results PLM % <u>35</u> Other Fibrous % <u>20</u> Non Fibrous % <u>10</u>	Asbestos Results PLM % <u>35</u> Other Fibrous % <u>20</u> Non Fibrous % <u>10</u>	Asbestos Results PLM % <u>37</u> Other Fibrous % <u>10</u> Non Fibrous % <u>13</u>	Asbestos Results PLM % <u>37</u> Other Fibrous % <u>10</u> Non Fibrous % <u>13</u>	Asbestos Results PLM % <u>37</u> Other Fibrous % <u>10</u> Non Fibrous % <u>13</u>
Gravimetric (NOB) Results % Organic <u>80</u> Residue <u>80</u> Carbonate <u>80</u> Other <u>80</u>	Gravimetric (NOB) Results % Organic <u>80</u> Residue <u>80</u> Carbonate <u>80</u> Other <u>80</u>	Gravimetric (NOB) Results % Organic <u>80</u> Residue <u>80</u> Carbonate <u>80</u> Other <u>80</u>	Gravimetric (NOB) Results % Organic <u>80</u> Residue <u>80</u> Carbonate <u>80</u> Other <u>80</u>	Gravimetric (NOB) Results % Organic <u>80</u> Residue <u>80</u> Carbonate <u>80</u> Other <u>80</u>
POINT COUNT REPEAT ON THE BACK	POINT COUNT REPEAT ON THE BACK	POINT COUNT REPEAT ON THE BACK	POINT COUNT REPEAT ON THE BACK	POINT COUNT REPEAT ON THE BACK
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0



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BULK ASBESTOS ANALYSIS SHEET

MTAP 101187
ELAP 10578
Microscope OLMPUS BH-2
NIKON OPTISHOT

Client/Project: EQM/ATC Michigan Bluff-25 Project Number: 7161
Analysis Date: 6/1/04 Analyst: Mandy Batch Number: 7161

JUN-13-2004 09:28

Field Number <u>3B</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>Yellow</u> Texture <u>Open</u>	Morphology <u> </u> Extinction <u> </u>	Chrysotile <u> </u>	<u>24</u> Cellulose <u> </u>	<u>76</u> Mineral Filler <u> </u>	Organic Residue <u> </u>
Recommended <input type="checkbox"/>	Homogeneity <u>4</u>	RI L <u> </u> RI H <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Organic Binders <u> </u>	Residue <u> </u>
Gravimetric PREP <input type="checkbox"/>	# of Layers <u>1</u>	DS Color <u> </u> Color Photo <u> </u>	Other <u> </u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Brief <u> </u> Sign <u> </u>			Other <u> </u>	Other <u> </u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments: <u> </u>					Asbestos <u> </u>
POINT COUNT RESULTS ON THIS SLACK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Prints: Asbestos = 0					

Field Number <u>3C</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>Yellow</u> Texture <u>Open</u>	Morphology <u> </u> Extinction <u> </u>	Chrysotile <u> </u>	<u>20</u> Cellulose <u> </u>	<u>80</u> Mineral Filler <u> </u>	Organic Residue <u> </u>
Recommended <input type="checkbox"/>	Homogeneity <u>4</u>	RI L <u> </u> RI H <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Organic Binders <u> </u>	Residue <u> </u>
Gravimetric PREP <input type="checkbox"/>	# of Layers <u>1</u>	DS Color <u> </u> Color Photo <u> </u>	Other <u> </u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Brief <u> </u> Sign <u> </u>			Other <u> </u>	Other <u> </u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments: <u> </u>					Asbestos <u> </u>
POINT COUNT RESULTS ON THIS SLACK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Prints: Asbestos = 0					

Field Number <u>4A</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>Yellow</u> Texture <u>Open</u>	Morphology <u> </u> Extinction <u> </u>	Chrysotile <u> </u>	<u>1</u> Cellulose <u> </u>	<u>99</u> Mineral Filler <u> </u>	Organic Residue <u> </u>
Recommended <input type="checkbox"/>	Homogeneity <u>4</u>	RI L <u> </u> RI H <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Organic Binders <u> </u>	Residue <u> </u>
Gravimetric PREP <input type="checkbox"/>	# of Layers <u>1</u>	DS Color <u> </u> Color Photo <u> </u>	Other <u> </u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Brief <u> </u> Sign <u> </u>			Other <u> </u>	Other <u> </u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments: <u> </u>					Asbestos <u> </u>
POINT COUNT RESULTS ON THIS SLACK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Prints: Asbestos = 0					

Field Number <u>4B</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/>	Color <u>Yellow</u> Texture <u>Open</u>	Morphology <u> </u> Extinction <u> </u>	Chrysotile <u> </u>	<u>1</u> Cellulose <u> </u>	<u>99</u> Mineral Filler <u> </u>	Organic Residue <u> </u>
Recommended <input type="checkbox"/>	Homogeneity <u>4</u>	RI L <u> </u> RI H <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Organic Binders <u> </u>	Residue <u> </u>
Gravimetric PREP <input type="checkbox"/>	# of Layers <u>1</u>	DS Color <u> </u> Color Photo <u> </u>	Other <u> </u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Brief <u> </u> Sign <u> </u>			Other <u> </u>	Other <u> </u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments: <u> </u>					Asbestos <u> </u>
POINT COUNT RESULTS ON THIS SLACK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Prints: Asbestos = 0					



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BULK ASBESTOS ANALYSIS SHEET

HVLAP 101187
ELAP 10079
OLYMPUS BH-2
NIKON OPTISHOT

Client/Project EQM/ATC Midway Bluff 25 Project Number 7161
Analysis Date 6/1/04 Analyst Mandy Batch Number 7161

Field Number	1	2	3	4
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>tan</u> Homogeneity <u>4</u> # of Layers <u>1</u> Color of Layer <u>tan</u>	Texture <u>granular</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Morphology <u>RI L</u> RI L <u>RI L</u> DS Color <u>tan</u> Brief <u>tan</u>	Asbestos Results PLM % <u>2</u> Other Fibrous % <u>48</u> Non Fibrous % <u>48</u>
POINT COUNT RESULTS ON THE BLOCK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>tan</u> Homogeneity <u>4</u> # of Layers <u>1</u> Color of Layer <u>tan</u>	Texture <u>granular</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Morphology <u>RI L</u> RI L <u>RI L</u> DS Color <u>tan</u> Brief <u>tan</u>	Asbestos Results PLM % <u>2</u> Other Fibrous % <u>48</u> Non Fibrous % <u>48</u>
POINT COUNT RESULTS ON THE BLOCK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>tan</u> Homogeneity <u>4</u> # of Layers <u>1</u> Color of Layer <u>tan</u>	Texture <u>granular</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Morphology <u>RI L</u> RI L <u>RI L</u> DS Color <u>tan</u> Brief <u>tan</u>	Asbestos Results PLM % <u>2</u> Other Fibrous % <u>48</u> Non Fibrous % <u>48</u>
POINT COUNT RESULTS ON THE BLOCK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>tan</u> Homogeneity <u>4</u> # of Layers <u>1</u> Color of Layer <u>tan</u>	Texture <u>granular</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Morphology <u>RI L</u> RI L <u>RI L</u> DS Color <u>tan</u> Brief <u>tan</u>	Asbestos Results PLM % <u>2</u> Other Fibrous % <u>48</u> Non Fibrous % <u>48</u>
POINT COUNT RESULTS ON THE BLOCK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0



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Novi, Michigan 48377
248-669-5140

719 Griswold Avenue, Suite 820
Detroit, Michigan 48226
313-967-7850

CHAIN OF CUSTODY

TURNAROUND TIME

☐ 3 hr. ☐ 6 hr. ☒ 24 hr. ☐ 48 hr.
☐ 72 hr. ☐ Standard ☐ Other

Client: **EAM**

Project: **Quincy Smelter
Franklin Twp, MI**

Sampler: **R. Stobbs, M. Haisworth, S. Miller**

Project Number:

Sample #	Date	Sample Description	Sample Location	Parameters (CIRCLE ONE)
14-01A	6/8/04	pipe insulation	SW corner	<input checked="" type="checkbox"/> PLM / POM
14-01B				<input checked="" type="checkbox"/> PLM / POM
14-01C				<input checked="" type="checkbox"/> PLM / POM
14-02A		conveyor belt	middle of Area	<input checked="" type="checkbox"/> PLM / POM
14-02B				<input checked="" type="checkbox"/> PLM / POM
14-02C				<input checked="" type="checkbox"/> PLM / POM
14-03A		white powder material	upper floor	<input checked="" type="checkbox"/> PLM / POM
14-03B			main floor	<input checked="" type="checkbox"/> PLM / POM
14-03C				<input checked="" type="checkbox"/> PLM / POM
14-04A		Firebrick - light	NE section of Bldg	<input checked="" type="checkbox"/> PLM / POM
14-04B				<input checked="" type="checkbox"/> PLM / POM
14-04C				<input checked="" type="checkbox"/> PLM / POM

Comments:

1st Positive Step

Relinquished By:

Date / Time

6/8/04 1600

LAB INFO:
Analyzed By:

Received By:

Date / Time

B. Asta

6-11-04 6pm

Date

Results to: **ARC nov**

Tony Barab

Fax #

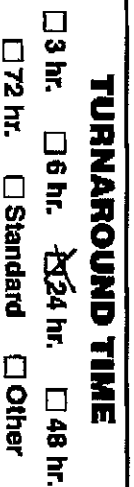
248-669-5147

Total # 18

WHITE - Client

YELLOW - F&E

PINK - Lab



28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 105

Sampler: 2-CH 3-CH 4-CH 5-CH

Project Number:

Sample #	Date	Sample Description	Sample Location	Parameters (CIRCLE ONE)
14-05A	6-8-04	white crack material	NE section in bugs	<u>PLM</u> / POM
14-05B				<u>PLM</u> / POM
14-05C				<u>PLM</u> / POM
14-06A		DK Fireback	along N. wall	<u>PLM</u> / POM
14-06B				<u>PLM</u> / POM
14-06C				<u>PLM</u> / POM
				PLM / POM
				PLM / POM
				PLM / POM
				PLM / POM
				PLM / POM

PINK - Lab



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BULK ASBESTOS ANALYSIS SHEET

NYLAP 101157
ELAP 10879
OLYMPUS BH-2
NIKON OPTSHOT

Client/Project EQM/ATC Michigan Bluff Project Number 7164
Analysis Date 6/12/04 Analyst mealy Batch Number 7164

Field Number	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %	
1 Field Number <u>2B</u>	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/> Comments: Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Probs. Asbestos = 0	Color <u>brown</u> Texture <u>fine</u> Homogeneity <u>4</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Brief <u> </u> Sign <u> </u>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DS Color <u> </u> Color, Pico <u> </u> Brief <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Fiber <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
2 Field Number <u>2C</u>	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/> Comments: Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Probs. Asbestos = 0	Color <u>brown</u> Texture <u>fine</u> Homogeneity <u>4</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Brief <u> </u> Sign <u> </u>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DS Color <u> </u> Color, Pico <u> </u> Brief <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Fiber <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
3 Field Number <u>3A</u>	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/> Comments: Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Probs. Asbestos = 0	Color <u>white</u> Texture <u>open</u> Homogeneity <u>4</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Brief <u> </u> Sign <u> </u>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DS Color <u> </u> Color, Pico <u> </u> Brief <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Fiber <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
4 Field Number <u>3B</u>	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/> Comments: Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Probs. Asbestos = 0	Color <u>white</u> Texture <u>open</u> Homogeneity <u>4</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Brief <u> </u> Sign <u> </u>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DS Color <u> </u> Color, Pico <u> </u> Brief <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Fiber <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>



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BULK ASBESTOS ANALYSIS SHEET

NVLAP 101157
ELAP 10872
OLYMPUS BH-2
NIKON OPTISHOT

Client/Project: EQM/ATC Michigan Bldg# Project Number: 7164
Analysis Date: 6/12/04 Analyst: Mundy Batch Number: 7164

Field Number	3c	4A	4B
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEAM <input type="checkbox"/>	Color: <u>white</u> Texture: <u>gran</u> Homogeneity: <u>Y</u> # of Layers: <u>1</u> Asbestos: <input type="checkbox"/> <input checked="" type="checkbox"/> Color of Layer: <u> </u> Detected: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Color: <u>tan</u> Texture: <u>open</u> Homogeneity: <u>Y</u> # of Layers: <u>1</u> Asbestos: <input type="checkbox"/> <input checked="" type="checkbox"/> Color of Layer: <u> </u> Detected: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Color: <u>tan</u> Texture: <u>open</u> Homogeneity: <u>Y</u> # of Layers: <u>1</u> Asbestos: <input type="checkbox"/> <input checked="" type="checkbox"/> Color of Layer: <u> </u> Detected: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
POINT COUNT RESULTS ON THE BLOCK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>
PLM Optical Properties	PLM Optical Properties	PLM Optical Properties	PLM Optical Properties
Asbestos Results PLM %	Asbestos Results PLM %	Asbestos Results PLM %	Asbestos Results PLM %
Other Fibrous %	Other Fibrous %	Other Fibrous %	Other Fibrous %
Non Fibrous %	Non Fibrous %	Non Fibrous %	Non Fibrous %
Gravimetric (NOB) Results %	Gravimetric (NOB) Results %	Gravimetric (NOB) Results %	Gravimetric (NOB) Results %
Comments:	Comments:	Comments:	Comments:



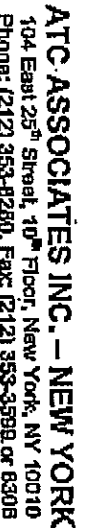
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BULK ASBESTOS ANALYSIS SHEET

NYLAP 10/1/87
ELAP 10/8/89
OLYMPUS BH-2
NIKON OPTISHOT

Client/Project EQM/ATC Michigan Bldg Project Number 7164
Analysis Date 6/19/04 Analyst maurice Batch Number 7164

Field Number	1	2	3	4
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEA <input type="checkbox"/>	Color <u>white</u> Homogeneity <u>4</u> # of Layers <u>1</u> Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Color <u> </u> Homogeneity <u> </u> # of Layers <u> </u> Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Color <u> </u> Homogeneity <u> </u> # of Layers <u> </u> Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Color <u> </u> Homogeneity <u> </u> # of Layers <u> </u> Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input type="checkbox"/>
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA
Point Count Results of the Bulk	Point Count Results of the Bulk	Point Count Results of the Bulk	Point Count Results of the Bulk	Point Count Results of the Bulk
Gravimetric (NOB) Results %	Gravimetric (NOB) Results %	Gravimetric (NOB) Results %	Gravimetric (NOB) Results %	Gravimetric (NOB) Results %
Organic Residue	Organic Residue	Organic Residue	Organic Residue	Organic Residue
Carbonate	Carbonate	Carbonate	Carbonate	Carbonate
Other	Other	Other	Other	Other
Asbestos Results PLM %	Asbestos Results PLM %	Asbestos Results PLM %	Asbestos Results PLM %	Asbestos Results PLM %
Chrysotile	Chrysotile	Chrysotile	Chrysotile	Chrysotile
Amosite	Amosite	Amosite	Amosite	Amosite
Other	Other	Other	Other	Other
Other Fibrous %	Other Fibrous %	Other Fibrous %	Other Fibrous %	Other Fibrous %
Cellulose	Cellulose	Cellulose	Cellulose	Cellulose
Fiberglass	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Other	Other	Other	Other	Other
Non Fibrous %	Non Fibrous %	Non Fibrous %	Non Fibrous %	Non Fibrous %
Mineral Filler	Mineral Filler	Mineral Filler	Mineral Filler	Mineral Filler
Organic Binders	Organic Binders	Organic Binders	Organic Binders	Organic Binders
Vermiculite	Vermiculite	Vermiculite	Vermiculite	Vermiculite
Other	Other	Other	Other	Other
Gravimetric (NOB) Results %	Gravimetric (NOB) Results %	Gravimetric (NOB) Results %	Gravimetric (NOB) Results %	Gravimetric (NOB) Results %
Organic Residue	Organic Residue	Organic Residue	Organic Residue	Organic Residue
Carbonate	Carbonate	Carbonate	Carbonate	Carbonate
Other	Other	Other	Other	Other
Asbestos	Asbestos	Asbestos	Asbestos	Asbestos



NYLAP 101167
ELAP 10878
MILITARY OLYMPIUS BH-2
NIKON OPTSHOT

Project Number

Batch Number 7164

Field Number	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
2						
Gravimetric (NOB)	Color <u>dark brown</u> Texture <u>open</u>	Morphology <u> </u> Estimation <u> </u>	Chrysotile <u> </u>	Celadon <u> </u>	Mineral Fiber <u>100</u>	Organic <u> </u>
Required <input type="checkbox"/>	Homogeneity <u>Y</u>	RI L <u> </u> RI L <u> </u>	Amorphous <u> </u>	Forsterite <u> </u>	Organic Binders <u> </u>	Residue <u> </u>
Recommended <input type="checkbox"/>	\$ of layers <u>1</u>	DS Color <u> </u> Color, Flex <u> </u>	Other <u> </u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
Gravimetric (NOB) PLM <input type="checkbox"/>	Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Blind <u> </u> Sign <u> </u>			Other <u> </u>	Other <u> </u>
Gravimetric (NOB) TEM <input type="checkbox"/>	Comments: <u> </u>					Asbestos <u> </u>
POINT COUNT RESULTS ON THE SLACK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.L.) B EPA <input type="checkbox"/> Final # Procs. Asbestos = 0					

Field Number	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gyrametric (NOB) Results %
Grammelino (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Grammelino PRFP <input type="checkbox"/> Grammatic (p.d.) PLM <input type="checkbox"/> Grammatic (NOB) TEM <input type="checkbox"/>	Color _____ Homogeneity _____ # of Layers _____ Color of Layer _____ Comments: _____	Texture _____ Birefringence _____ RI L. _____ RI H. _____ DS Color _____ Color Photo _____ Birefringence Sign _____	Chrysotile _____ Amphibole _____ Other _____	Cellulose _____ Fiberglass _____ Other _____	Mineral Fiber _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbide _____ Other _____ Asbestos _____



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BULK ASBESTOS ANALYSIS SHEET

NYCAP 104187
ELAP 10879
Microscope OLYMPUS BH-2
NIKON OPTISHOT

Client / Project EQM/ATC Michigan Bluff Project Number 7166
Analysis Date 6/19/04 Analyst Murphy Batch Number 7166

Field Number	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %	
1	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/> Comments: Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Color <u>gray</u> Texture <u>flat</u> Homogeneity <u>1</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> <input checked="" type="checkbox"/> Color of Layer <u> </u> Defected Yes No	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DS Color <u> </u> Color, Pico <u> </u> Brid <u> </u> Sign <u> </u>	<u> </u> Chrysotile <u> </u> Amphibole <u> </u> Other	<u>78</u> Cellulose <u> </u> Fiberglass <u> </u> Other	<u>2</u> Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other	Organic Residue Carbonate Other Asbestos
2	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/> Comments: Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Color <u>tan</u> Texture <u>flat</u> Homogeneity <u>1</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> <input checked="" type="checkbox"/> Color of Layer <u> </u> Defected Yes No	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DS Color <u> </u> Color, Pico <u> </u> Brid <u> </u> Sign <u> </u>	<u> </u> Chrysotile <u> </u> Amphibole <u> </u> Other	<u>30</u> Cellulose <u> </u> Fiberglass <u> </u> Other	<u>12</u> Mineral Filler <u>58</u> Organic Binders <u> </u> Vermiculite <u> </u> Other	Organic Residue Carbonate Other Asbestos
3	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/> Comments: Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Color <u>tan</u> Texture <u>flat</u> Homogeneity <u>1</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> <input checked="" type="checkbox"/> Color of Layer <u> </u> Defected Yes No	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DS Color <u> </u> Color, Pico <u> </u> Brid <u> </u> Sign <u> </u>	<u> </u> Chrysotile <u> </u> Amphibole <u> </u> Other	<u>22</u> Cellulose <u> </u> Fiberglass <u> </u> Other	<u>18</u> Mineral Filler <u>60</u> Organic Binders <u> </u> Vermiculite <u> </u> Other	Organic Residue Carbonate Other Asbestos
4	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/> Comments: Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Color <u>gray</u> Texture <u>flat</u> Homogeneity <u>1</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> <input checked="" type="checkbox"/> Color of Layer <u> </u> Defected Yes No	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DS Color <u> </u> Color, Pico <u> </u> Brid <u> </u> Sign <u> </u>	<u> </u> Chrysotile <u> </u> Amphibole <u> </u> Other	<u> </u> Cellulose <u> </u> Fiberglass <u> </u> Other	<u>14</u> Mineral Filler <u>20</u> Organic Binders <u> </u> Vermiculite <u> </u> Other	Organic Residue Carbonate Other Asbestos



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BULK ASBESTOS ANALYSIS SHEET

NYLAP 101187
ELAP 10878
Microscope Olympus BH-2
NIKON OPTISHOT

Client / Project EQM/ATC Michigan Belt Project Number _____
Analysis Date 6/10/04 Analyst Musko Batch Number _____

1	Field Number <u>56</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color _____ Homogeneity _____ # of Layers _____ Asbestos <input type="checkbox"/> Color of Layer _____ Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Morphology _____ RI L _____ DS Color _____ Biref _____ Extinction _____ RI L _____ Color, Pico _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose _____ Fiberglass _____ Other _____	Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
POINT COUNT results on the block		Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0					
Comments: <u>See P.C.</u>		Q.C. <input type="checkbox"/>					

2	Field Number <u>5C</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color _____ Homogeneity _____ # of Layers _____ Asbestos <input type="checkbox"/> Color of Layer _____ Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Morphology _____ RI L _____ DS Color _____ Biref _____ Extinction _____ RI L _____ Color, Pico _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose _____ Fiberglass _____ Other _____	Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
POINT COUNT results on the block		Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0					
Comments: <u>See P.C.</u>		Q.C. <input type="checkbox"/>					

3	Field Number	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color _____ Homogeneity _____ # of Layers _____ Asbestos <input type="checkbox"/> Color of Layer _____ Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Morphology _____ RI L _____ DS Color _____ Biref _____ Extinction _____ RI L _____ Color, Pico _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose _____ Fiberglass _____ Other _____	Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
POINT COUNT results on the block		Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0					
Comments:		Q.C. <input type="checkbox"/>					

4	Field Number	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color _____ Homogeneity _____ # of Layers _____ Asbestos <input type="checkbox"/> Color of Layer _____ Detected Yes <input type="checkbox"/> No <input type="checkbox"/>	Morphology _____ RI L _____ DS Color _____ Biref _____ Extinction _____ RI L _____ Color, Pico _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose _____ Fiberglass _____ Other _____	Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
POINT COUNT results on the block		Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0					
Comments:		Q.C. <input type="checkbox"/>					

212335333599 P.03/11



1 of 7

TURNAROUND TIME

☐ 3 hr. ☐ 6 hr. ☒ 24 hr. ☐ 48 hr.

☐ 72 hr. ☐ Standard ☐ Other

Parameters (CIRCLE ONE)

[illegible]**PRINK - Lab**



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BULK ASBESTOS ANALYSIS SHEET

NYLAP 101187
ELAP 10878
Microscope OL YAPUS BH-2
NIKON OPTISHOT

Client / Project EQM/ATC Michigan Bluff 26 Project Number 7162
Analysis Date 6/2/04 Analyst Mandy Batch Number 7162

Field Number	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	<div>Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/></div> <div>Color <u>Grey</u> Texture <u>flk</u> Homogeneity <u>1</u> # of Layers <u>1</u> Color of Layer <u>1</u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></div> <div>Comments:</div>	<div>Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DB Color <u> </u> Color, Pico <u> </u> Biref <u> </u> Sign <u> </u></div> <div><input checked="" type="checkbox"/> Chrysotile <input type="checkbox"/> Amphibole <input type="checkbox"/> Other</div>	<div><input checked="" type="checkbox"/> Cellulose <input type="checkbox"/> Fiberglass <input type="checkbox"/> Other</div>	<div><input type="checkbox"/> Mineral Filler <input type="checkbox"/> Organic Binders <input type="checkbox"/> Vermiculite <input type="checkbox"/> Other</div>	<div><input type="checkbox"/> Organic <input type="checkbox"/> Residue <input type="checkbox"/> Carbonate <input type="checkbox"/> Other <input type="checkbox"/> Asbestos</div>	
2	<div>Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/></div> <div>Color <u>Grey</u> Texture <u>flk</u> Homogeneity <u>4</u> # of Layers <u>4</u> Color of Layer <u>4</u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></div> <div>Comments:</div>	<div>Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DB Color <u> </u> Color, Pico <u> </u> Biref <u> </u> Sign <u> </u></div> <div><input checked="" type="checkbox"/> Chrysotile <input type="checkbox"/> Amphibole <input type="checkbox"/> Other</div>	<div><input type="checkbox"/> Cellulose <input type="checkbox"/> Fiberglass <input type="checkbox"/> Other</div>	<div><input type="checkbox"/> Mineral Filler <input type="checkbox"/> Organic Binders <input type="checkbox"/> Vermiculite <input type="checkbox"/> Other</div>	<div><input type="checkbox"/> Organic <input type="checkbox"/> Residue <input type="checkbox"/> Carbonate <input type="checkbox"/> Other <input type="checkbox"/> Asbestos</div>	
3	<div>Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/></div> <div>Color <u>Grey</u> Texture <u>flk</u> Homogeneity <u>4</u> # of Layers <u>4</u> Color of Layer <u>4</u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></div> <div>Comments:</div>	<div>Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DB Color <u> </u> Color, Pico <u> </u> Biref <u> </u> Sign <u> </u></div> <div><input checked="" type="checkbox"/> Chrysotile <input type="checkbox"/> Amphibole <input type="checkbox"/> Other</div>	<div><input type="checkbox"/> Cellulose <input type="checkbox"/> Fiberglass <input type="checkbox"/> Other</div>	<div><input type="checkbox"/> Mineral Filler <input type="checkbox"/> Organic Binders <input type="checkbox"/> Vermiculite <input type="checkbox"/> Other</div>	<div><input type="checkbox"/> Organic <input type="checkbox"/> Residue <input type="checkbox"/> Carbonate <input type="checkbox"/> Other <input type="checkbox"/> Asbestos</div>	
4	<div>Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/></div> <div>Color <u> </u> Texture <u> </u> Homogeneity <u> </u> # of Layers <u> </u> Color of Layer <u> </u> Detected Yes <input type="checkbox"/> No <input type="checkbox"/></div> <div>Comments:</div>	<div>Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI L <u> </u> DB Color <u> </u> Color, Pico <u> </u> Biref <u> </u> Sign <u> </u></div> <div><input type="checkbox"/> Chrysotile <input type="checkbox"/> Amphibole <input type="checkbox"/> Other</div>	<div><input type="checkbox"/> Cellulose <input type="checkbox"/> Fiberglass <input type="checkbox"/> Other</div>	<div><input type="checkbox"/> Mineral Filler <input type="checkbox"/> Organic Binders <input type="checkbox"/> Vermiculite <input type="checkbox"/> Other</div>	<div><input type="checkbox"/> Organic <input type="checkbox"/> Residue <input type="checkbox"/> Carbonate <input type="checkbox"/> Other <input type="checkbox"/> Asbestos</div>	

POINT COUNT RESULTS ON THE BACK

Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0

Q.C. ☐

POINT COUNT RESULTS ON THE BACK

Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0

Q.C. ☐

POINT COUNT RESULTS ON THE BACK

Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0

Q.C. ☐

POINT COUNT RESULTS ON THE BACK

Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0

Q.C. ☐



46555 Humboldt Drive, Suite 100
Novi, Michigan 48377
248-669-5140

719 Griswold Avenue, Suite 820
Detroit, Michigan 48226
313-967-7850

CHAIN OF CUSTODY

TURNAROUND TIME

☐ 3 hr. ☐ 6 hr. ☒ 24 hr. ☐ 48 hr.
☐ 72 hr. ☐ Standard ☐ Other

Lot 2 #7165

Client: EQM		Project: Gurney Smelter Frick's Twp, MI Bldg # 15: Cashing Plant		Sampler: R. Shubbs, M. Hauswirth, S. Milk Project Number:	
Sample #	Date	Sample Description	Sample Location	Parameters (CIRCLE ONE)	
15-01A	6/8/04	Blk Insulation	E wall - in hole	<input type="radio"/> PLM / POM	
15-01B				<input type="radio"/> PLM / POM	
15-01C				<input type="radio"/> PLM / POM	
15-02A		6" conveyor Belt	Hand on floor	<input type="radio"/> PLM / POM	
15-02B				<input type="radio"/> PLM / POM	
15-02C				<input type="radio"/> PLM / POM	
15-03A		Electrical wire wrap	Lower level	<input type="radio"/> PLM / POM	
15-03B				<input type="radio"/> PLM / POM	
15-03C				<input type="radio"/> PLM / POM	
15-04A		Firebond - Light	S. end	<input type="radio"/> PLM / POM	
15-04B				<input type="radio"/> PLM / POM	
15-04C				<input type="radio"/> PLM / POM	

Comments: 1st Positive Step

Relinquished By: *[Signature]* Date / Time: 6/9/04 16:00

LAB INFO: Analyzed By: *[Signature]* Date: *[Signature]*

Received By: B. Resto Date / Time: 6/14/04 6pm

Results to: ATC Novi
Tony Barbardo
Fax # 248-644-5147

WHITE - Client YELLOW - Firm PINK - Lab



TURNAROUND TIME

2 of 2 #7145

Sampler: D-4133 m 4.13341 S.H.H.

Franklin Twp, MI
Bld # 15 Cushing Plant

Project Number:

[illegible]

1st Postive Step

LAB INFO:

Data

Results to: ATC NOVA

Fax #

Tom Barbardo

Dr. Perotti

കുറിപ്പ്

White - Chem

YELLOW - FBI

PINK - Lab



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BULK ASBESTOS ANALYSIS SHEET

NVLAP 101187
ELAP 10379
Microscope OLYMPUS BH-2
NIKON OPTISHOT

Client/Project EDWA/ATC Milliken Bluff 15 Project Number 7165
Analysis Date 6/24/04 Analyst Mundy Batch Number 7165

Field Number <u>1A</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/>	Color <u>white</u> Texture <u>fib</u>	Morphology <u>W</u> Extinction <u>15</u>	<u>44</u> Chrysotile Amosite Other	<u>Cellulose</u> Fiberglass Other	<u>56</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Gravimetric (NOB) PLM <input type="checkbox"/>	# of Layers <u>1</u> Asbestos <input type="checkbox"/> Deleted Yes <input type="checkbox"/> No <input type="checkbox"/>	RI L <u>15.9</u> RI R <u>15.7</u>				
Gravimetric (NOB) TEM <input type="checkbox"/>	Color of Layer <u> </u> Deleted Yes <input type="checkbox"/> No <input type="checkbox"/>	DS Color <u>6/2</u> Color, Pico <u>1</u> Sign <u>1</u>				
Comments:						
POINT COUNT RESULTS ON THE BLOCK						
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Progs. Asbestos = 0						

Field Number <u>1B</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/>	Color <u> </u> Texture <u> </u>	Morphology <u> </u> Extinction <u> </u>	<u> </u> Chrysotile Amosite Other	<u> </u> Cellulose Fiberglass Other	<u> </u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Gravimetric (NOB) PLM <input type="checkbox"/>	# of Layers <u> </u> Asbestos <input type="checkbox"/> Deleted Yes <input type="checkbox"/> No <input type="checkbox"/>	RI L <u> </u> RI R <u> </u>				
Gravimetric (NOB) TEM <input type="checkbox"/>	Color of Layer <u> </u> Deleted Yes <input type="checkbox"/> No <input type="checkbox"/>	DS Color <u> </u> Color, Pico <u> </u> Sign <u> </u>				
Comments: <u>see 1A</u>						
POINT COUNT RESULTS ON THE BLOCK						
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Progs. Asbestos = 0						

Field Number <u>1C</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/>	Color <u> </u> Texture <u> </u>	Morphology <u> </u> Extinction <u> </u>	<u> </u> Chrysotile Amosite Other	<u> </u> Cellulose Fiberglass Other	<u> </u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Gravimetric (NOB) PLM <input type="checkbox"/>	# of Layers <u> </u> Asbestos <input type="checkbox"/> Deleted Yes <input type="checkbox"/> No <input type="checkbox"/>	RI L <u> </u> RI R <u> </u>				
Gravimetric (NOB) TEM <input type="checkbox"/>	Color of Layer <u> </u> Deleted Yes <input type="checkbox"/> No <input type="checkbox"/>	DS Color <u> </u> Color, Pico <u> </u> Sign <u> </u>				
Comments: <u>see 1A</u>						
POINT COUNT RESULTS ON THE BLOCK						
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Progs. Asbestos = 0						

Field Number <u>2A</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/>	Color <u>brown</u> Texture <u>fib</u>	Morphology <u> </u> Extinction <u> </u>	<u> </u> Chrysotile Amosite Other	<u>96</u> Cellulose Fiberglass Other	<u>4</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Gravimetric (NOB) PLM <input type="checkbox"/>	# of Layers <u> </u> Asbestos <input type="checkbox"/> Deleted Yes <input type="checkbox"/> No <input type="checkbox"/>	RI L <u> </u> RI R <u> </u>				
Gravimetric (NOB) TEM <input type="checkbox"/>	Color of Layer <u> </u> Deleted Yes <input type="checkbox"/> No <input type="checkbox"/>	DS Color <u> </u> Color, Pico <u> </u> Sign <u> </u>				
Comments:						
POINT COUNT RESULTS ON THE BLOCK						
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Progs. Asbestos = 0						



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BULK ASBESTOS ANALYSIS SHEET

Client/Project: EQM/ATC Michigan Bluff 15 Project Number: 7165
Analysis Date: 6/12/04 Analyst: mev Batch Number: 7165

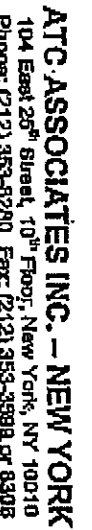
NY AP 10310
ELAP 10371
OLYMPIUS 814
NIKON OPTISHOT

1	Field Number <u>23</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Requested <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>tan</u> Homogeneity <u>Y</u> Texture <u>fine</u> # of Layers <u>1</u> Color of Layer <u>tan</u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI H <u> </u> DS Color <u> </u> Sign <u> </u>	Chrysotile <input checked="" type="checkbox"/> Amphibole <input type="checkbox"/> Other <input type="checkbox"/>	Cellulose <input type="checkbox"/> Fiberglass <input type="checkbox"/> Other <input type="checkbox"/>	Mineral Filler <input type="checkbox"/> Organic Binders <input type="checkbox"/> Vermiculite <input type="checkbox"/> Other <input type="checkbox"/>	Organic Residue <input type="checkbox"/> Carbonate <input type="checkbox"/> Other <input type="checkbox"/> Asbestos <input type="checkbox"/>
	POINT COUNT: <u> </u> sections on the block	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	DISCANNING OPTION: ELAP (P.C.) & EPA	Final 4 Preps, Asbestos = 0	Q.C. <input type="checkbox"/>		

2	Field Number <u>24</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Requested <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>tan</u> Homogeneity <u>Y</u> Texture <u>fine</u> # of Layers <u>1</u> Color of Layer <u>tan</u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI H <u> </u> DS Color <u> </u> Sign <u> </u>	Chrysotile <input checked="" type="checkbox"/> Amphibole <input type="checkbox"/> Other <input type="checkbox"/>	Cellulose <input type="checkbox"/> Fiberglass <input type="checkbox"/> Other <input type="checkbox"/>	Mineral Filler <input type="checkbox"/> Organic Binders <input type="checkbox"/> Vermiculite <input type="checkbox"/> Other <input type="checkbox"/>	Organic Residue <input type="checkbox"/> Carbonate <input type="checkbox"/> Other <input type="checkbox"/> Asbestos <input type="checkbox"/>
	POINT COUNT: <u> </u> sections on the block	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	DISCANNING OPTION: ELAP (P.C.) & EPA	Final 4 Preps, Asbestos = 0	Q.C. <input type="checkbox"/>		

3	Field Number <u>25</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Requested <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>tan</u> Homogeneity <u>Y</u> Texture <u>fine</u> # of Layers <u>1</u> Color of Layer <u>tan</u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI H <u> </u> DS Color <u> </u> Sign <u> </u>	Chrysotile <input checked="" type="checkbox"/> Amphibole <input type="checkbox"/> Other <input type="checkbox"/>	Cellulose <input type="checkbox"/> Fiberglass <input type="checkbox"/> Other <input type="checkbox"/>	Mineral Filler <input type="checkbox"/> Organic Binders <input type="checkbox"/> Vermiculite <input type="checkbox"/> Other <input type="checkbox"/>	Organic Residue <input type="checkbox"/> Carbonate <input type="checkbox"/> Other <input type="checkbox"/> Asbestos <input type="checkbox"/>
	POINT COUNT: <u> </u> sections on the block	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	DISCANNING OPTION: ELAP (P.C.) & EPA	Final 4 Preps, Asbestos = 0	Q.C. <input type="checkbox"/>		

4	Field Number <u>26</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Requested <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>tan</u> Homogeneity <u>Y</u> Texture <u>fine</u> # of Layers <u>1</u> Color of Layer <u>tan</u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI H <u> </u> DS Color <u> </u> Sign <u> </u>	Chrysotile <input checked="" type="checkbox"/> Amphibole <input type="checkbox"/> Other <input type="checkbox"/>	Cellulose <input type="checkbox"/> Fiberglass <input type="checkbox"/> Other <input type="checkbox"/>	Mineral Filler <input type="checkbox"/> Organic Binders <input type="checkbox"/> Vermiculite <input type="checkbox"/> Other <input type="checkbox"/>	Organic Residue <input type="checkbox"/> Carbonate <input type="checkbox"/> Other <input type="checkbox"/> Asbestos <input type="checkbox"/>
	POINT COUNT: <u> </u> sections on the block	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>	DISCANNING OPTION: ELAP (P.C.) & EPA	Final 4 Preps, Asbestos = 0	Q.C. <input type="checkbox"/>		



NVLAP-101167
ELAP 10878
Microscope OLYMPUS BH-2
NIKON OPTISHOT

JUN-13-2004 09:31

ATC



754

**719 Griswold Avenue, Suite 820
Detroit, Michigan 48226
313-967-7850**

☐ 3 hr. ☐ 6 hr. ☒ 24 hr. ☐ 48 hr.
☐ 72 hr. ☐ Standard ☐ Other

Sampler:

Project Number: R. Studios

Bdy # 24 - unknown

[illegible]

St. Paschale Shop

Date / Time

LAB INFO:

Results to: ~~ATC~~ New:

6/9/04 1600

Date / Time

Date _____

下取并

TOTAL P.03

WHITE - Clean

YELLOW - File

BLINK - Lab

ATC

JUN-13-2004 09:32

2123533599 P. 03/03



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BULK ASBESTOS ANALYSIS SHEET

NYLAP 101187
ELAP 10878
Microscope OLYMPUS BH2
NIKON OPTISHOT

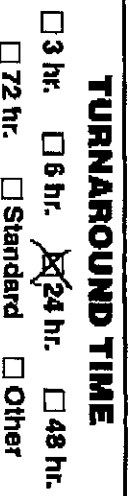
Client / Project ATC Bldg / E & M Project Number 7154
Analysis Date 6/16/04 Analyst Ward Batch Number 7154

1	Field Number <u>1A</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>white</u> Texture <u>open</u>	Morphology <u> </u> Extraction <u> </u> RI L <u> </u> RI IL <u> </u> DS Color <u> </u> Color, Pico <u> </u> Belt <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	100 Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
	POINT COUNT method on this block	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Progs. Asbestos = 0	Q.C. <input type="checkbox"/>		

2	Field Number <u>1B</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>white</u> Texture <u>open</u>	Morphology <u> </u> Extraction <u> </u> RI L <u> </u> RI IL <u> </u> DS Color <u> </u> Color, Pico <u> </u> Belt <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	100 Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
	POINT COUNT method on this block	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Progs. Asbestos = 0	Q.C. <input type="checkbox"/>		

3	Field Number <u>1C</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>white</u> Texture <u>open</u>	Morphology <u> </u> Extraction <u> </u> RI L <u> </u> RI IL <u> </u> DS Color <u> </u> Color, Pico <u> </u> Belt <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	100 Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
	POINT COUNT method on this block	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Progs. Asbestos = 0	Q.C. <input type="checkbox"/>		

4	Field Number	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u> </u> Texture <u> </u>	Morphology <u> </u> Extraction <u> </u> RI L <u> </u> RI IL <u> </u> DS Color <u> </u> Color, Pico <u> </u> Belt <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
	POINT COUNT method on this block	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Progs. Asbestos = 0	Q.C. <input type="checkbox"/>		



5

TURNAROUND TIME

☐ 3 hr. ☐ 6 hr. ☒ 24 hr. ☐ 48 hr.

☐ 72 hr. ☐ Standard ☐ Other

[illegible]



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BULK ASBESTOS ANALYSIS SHEET

NY LAP 10/11/87
ELAP 10/87/9
Microscope OLYMPUS BH-2
NIKON OPTISHOT

Client / Project Atc RI / Ecom, Ridge 11 Project Number 7156
Analysis Date 6/11/04 Analyst nmw Batch Number 7156

1	Field Number <u>8A</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input checked="" type="checkbox"/>	Color <u>black</u> Texture <u>DP</u>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI H <u> </u> Color, Pico <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amphibole <u> </u> Other <u> </u>	<u>70</u> Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	<u>10</u> Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
	Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	# of Layers <u>1</u> Asbestos <input type="checkbox"/> Delisted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	DS Color <u> </u> DS Color <u> </u> Sign <u> </u>				
	Comments:						
	POINT COUNT METHOD ON THE BACK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Preps, Asbestos = 0			

2	Field Number <u>8B</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input checked="" type="checkbox"/>	Color <u>black</u> Texture <u>DP</u>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI H <u> </u> Color, Pico <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amphibole <u> </u> Other <u> </u>	<u>75</u> Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	<u>15</u> Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
	Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	# of Layers <u>1</u> Asbestos <input type="checkbox"/> Delisted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	DS Color <u> </u> DS Color <u> </u> Sign <u> </u>				
	Comments:						
	POINT COUNT METHOD ON THE BACK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Preps, Asbestos = 0			

3	Field Number <u>8C</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input checked="" type="checkbox"/>	Color <u>black</u> Texture <u>DP</u>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI H <u> </u> Color, Pico <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amphibole <u> </u> Other <u> </u>	<u>70</u> Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	<u>15</u> Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
	Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	# of Layers <u>1</u> Asbestos <input type="checkbox"/> Delisted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	DS Color <u> </u> DS Color <u> </u> Sign <u> </u>				
	Comments:						
	POINT COUNT METHOD ON THE BACK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Preps, Asbestos = 0			

4	Field Number <u>9A</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input checked="" type="checkbox"/>	Color <u>black</u> Texture <u>DP</u>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI H <u> </u> Color, Pico <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amphibole <u> </u> Other <u> </u>	<u>58</u> Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	<u>14</u> Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
	Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	# of Layers <u>1</u> Asbestos <input type="checkbox"/> Delisted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	DS Color <u> </u> DS Color <u> </u> Sign <u> </u>				
	Comments:						
	POINT COUNT METHOD ON THE BACK	Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER	SCANNING OPTION: ELAP (P.C.) & EPA	First 4 Preps, Asbestos = 0			



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BULK ASBESTOS ANALYSIS SHEET

Client / Project: ATC B1 / E2011, Ridge 11 Project Number: 7156
Analysis Date: 6/11/04 Analyst: Wm Batch Number: 7156

NYLAP 101187
ELAP - 10678
Microscope OL TAPUS BH-2
NIKON OPTISHOT

Field Number	Gravimetric (NOB) Required	Recommended PREP	Gravimetric (NOB) PLM	Gravimetric (NOB) TEM	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Color: <u>black</u> Texture: <u>DP</u>	Morphology: <u>RI L</u> Extinction: <u>RI L</u> RI L: <u>Color, Pico</u> DS Color: <u>Sign</u> Biot: <u>Sign</u>	Chrysotile <u>15</u> Amphibole <u>30</u> Other <u>55</u>	Cellulose <u>15</u> Fiberglass <u>30</u> Other <u>55</u>	Mineral Filler <u>15</u> Organic Binders <u>30</u> Vermiculite <u>55</u>	Organic Residue <u>15</u> Carbonate <u>30</u> Other <u>55</u>
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Color: <u>black</u> Texture: <u>DP</u>	Morphology: <u>RI L</u> Extinction: <u>RI L</u> RI L: <u>Color, Pico</u> DS Color: <u>Sign</u> Biot: <u>Sign</u>	Chrysotile <u>15</u> Amphibole <u>30</u> Other <u>55</u>	Cellulose <u>15</u> Fiberglass <u>30</u> Other <u>55</u>	Mineral Filler <u>15</u> Organic Binders <u>30</u> Vermiculite <u>55</u>	Organic Residue <u>15</u> Carbonate <u>30</u> Other <u>55</u>
3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Color: <u>black</u> Texture: <u>DP</u>	Morphology: <u>RI L</u> Extinction: <u>RI L</u> RI L: <u>Color, Pico</u> DS Color: <u>Sign</u> Biot: <u>Sign</u>	Chrysotile <u>15</u> Amphibole <u>30</u> Other <u>55</u>	Cellulose <u>15</u> Fiberglass <u>30</u> Other <u>55</u>	Mineral Filler <u>15</u> Organic Binders <u>30</u> Vermiculite <u>55</u>	Organic Residue <u>15</u> Carbonate <u>30</u> Other <u>55</u>
4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Color: <u>black</u> Texture: <u>DP</u>	Morphology: <u>RI L</u> Extinction: <u>RI L</u> RI L: <u>Color, Pico</u> DS Color: <u>Sign</u> Biot: <u>Sign</u>	Chrysotile <u>15</u> Amphibole <u>30</u> Other <u>55</u>	Cellulose <u>15</u> Fiberglass <u>30</u> Other <u>55</u>	Mineral Filler <u>15</u> Organic Binders <u>30</u> Vermiculite <u>55</u>	Organic Residue <u>15</u> Carbonate <u>30</u> Other <u>55</u>



46555 Humboldt Drive, Suite 100
Novi, Michigan 48377
248-669-5140

7159
719 Griswold Avenue, Suite 820
Detroit, Michigan 48226
313-967-7850

TURNAROUND TIME

☐ 3 hr. ☐ 6 hr. ☒ 24 hr. ☐ 48 hr.
☐ 72 hr. ☐ Standard ☐ Other

Client: ECOM

Project: Quincy Smelter
Franklin Twp. MI.
Bldg # 6: Furnace Bldg

Sampler: R. Stubbs, S. Miller
Project Number:

Sample #	Date	Sample Description	Sample Location	Parameters (circle one)
G-09A	G-9-04	Coil wrap	Machine - SE side	(PLM) / POM
G-09B		↓	↓	(PLM) / POM
G-09C		↓	↓	(PLM) / POM
G-10A		Wire wrap	Machine - center of plant Area	(PLM) / POM
G-10B		↓	↓	(PLM) / POM
G-10C		↓	↓	(PLM) / POM
G-11A		Electrical wire	Machine - center of plant Area	(PLM) / POM
G-11B		↓	↓	(PLM) / POM
G-11C		↓	↓	(PLM) / POM
				PLM / POM
				PLM / POM
				PLM / POM

Comments:

1st Positive Skp

Relinquished By:

Date / Time

LAB INFO:
Analyzed By:

Received By:

Date / Time

Date

Results to: ATC-rui

Fax #

Tony Barbuda

248-669-5147

WHITE - Client

YELLOW - FTS

PINK - Lab



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BULK ASBESTOS ANALYSIS SHEET

NYLAP 101157
ELAP 10679
Microscope OLYMPUS BH-2
MICRON OPTISHOT

Client / Project ATC MI / ECOM, Ridge 6 Project Number 7159
Analysis Date 6/10/04 Analyst Ward Batch Number 7159

1	Field Number <u>98</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>gray</u> Homogeneity <u>yes</u> Asbestos <input type="checkbox"/> Deleted Yes <input type="checkbox"/> No <input type="checkbox"/>	Morphology <u>fl</u> Extinction <u>11</u> RI L <u>1.54</u> RI H <u>1.57</u> DS Color <u>blue</u> Color, Photo <u>5</u> Sign <u>+</u> Brief	Chrysotile <u>67</u> Amphibole <u>0</u> Other <u>0</u>	Cellulose <u>20</u> Fiberglass <u>0</u> Other <u>0</u>	Mineral Filler <u>13</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	Organic Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>0</u>
	POINT COUNT RESULTS ON THE BLOCK	Method: <input checked="" type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Prints, Asbestos = 0	Comments:	Q.C. <input type="checkbox"/>			

2	Field Number <u>99</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>gray</u> Homogeneity <u>yes</u> Asbestos <input type="checkbox"/> Deleted Yes <input type="checkbox"/> No <input type="checkbox"/>	Morphology <u>fl</u> Extinction <u>11</u> RI L <u>1.54</u> RI H <u>1.57</u> DS Color <u>blue</u> Color, Photo <u>5</u> Sign <u>+</u> Brief	Chrysotile <u>67</u> Amphibole <u>0</u> Other <u>0</u>	Cellulose <u>20</u> Fiberglass <u>0</u> Other <u>0</u>	Mineral Filler <u>13</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	Organic Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>0</u>
	POINT COUNT RESULTS ON THE BLOCK	Method: <input checked="" type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Prints, Asbestos = 0	Comments:	Q.C. <input type="checkbox"/>			

3	Field Number <u>9C</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>gray</u> Homogeneity <u>yes</u> Asbestos <input type="checkbox"/> Deleted Yes <input type="checkbox"/> No <input type="checkbox"/>	Morphology <u>fl</u> Extinction <u>11</u> RI L <u>1.54</u> RI H <u>1.57</u> DS Color <u>blue</u> Color, Photo <u>5</u> Sign <u>+</u> Brief	Chrysotile <u>67</u> Amphibole <u>0</u> Other <u>0</u>	Cellulose <u>20</u> Fiberglass <u>0</u> Other <u>0</u>	Mineral Filler <u>13</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	Organic Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>0</u>
	POINT COUNT RESULTS ON THE BLOCK	Method: <input checked="" type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Prints, Asbestos = 0	Comments:	Q.C. <input type="checkbox"/>			

4	Field Number <u>108</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>gray</u> Homogeneity <u>yes</u> Asbestos <input type="checkbox"/> Deleted Yes <input type="checkbox"/> No <input type="checkbox"/>	Morphology <u>fl</u> Extinction <u>11</u> RI L <u>1.54</u> RI H <u>1.57</u> DS Color <u>blue</u> Color, Photo <u>5</u> Sign <u>+</u> Brief	Chrysotile <u>67</u> Amphibole <u>0</u> Other <u>0</u>	Cellulose <u>20</u> Fiberglass <u>0</u> Other <u>0</u>	Mineral Filler <u>13</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	Organic Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>0</u>
	POINT COUNT RESULTS ON THE BLOCK	Method: <input checked="" type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Prints, Asbestos = 0	Comments:	Q.C. <input type="checkbox"/>			



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BULK ASBESTOS ANALYSIS SHEET

NYLAP 101187
ELAP 10878
OLYMPUS BH-2
NIKON OPTISHOT

Client/Project ATC MI / ECOM, Ridge 6 Project Number 7159
Analysis Date 6/11/04 Analyst James Batch Number 7159

1	Field Number <u>108</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>gray</u> Homogeneity <u>yes</u> Texture <u>fib</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI H <u> </u> DS Color <u> </u> Color, Pico <u> </u> Sign <u> </u>	<u> </u> Chrysotile <u> </u> Amphibole <u> </u> Other <u> </u>	<u> </u> Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	<u>25</u> Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
Comments: <u> </u>							
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Progs. Asbestos = 0							
POINT COUNT RESULTS ON THIS PAGE							

2	Field Number <u>109</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>gray</u> Homogeneity <u>yes</u> Texture <u>fib</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI H <u> </u> DS Color <u> </u> Color, Pico <u> </u> Sign <u> </u>	<u> </u> Chrysotile <u> </u> Amphibole <u> </u> Other <u> </u>	<u> </u> Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	<u>20</u> Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
Comments: <u> </u>							
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Progs. Asbestos = 0							
POINT COUNT RESULTS ON THIS PAGE							

3	Field Number <u>110</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>gray</u> Homogeneity <u>yes</u> Texture <u>fib</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI H <u> </u> DS Color <u> </u> Color, Pico <u> </u> Sign <u> </u>	<u> </u> Chrysotile <u> </u> Amphibole <u> </u> Other <u> </u>	<u> </u> Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	<u>17</u> Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
Comments: <u> </u>							
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Progs. Asbestos = 0							
POINT COUNT RESULTS ON THIS PAGE							

4	Field Number <u>111</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/>	Color <u>gray</u> Homogeneity <u>yes</u> Texture <u>fib</u> Asbestos <input type="checkbox"/> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Morphology <u> </u> Extinction <u> </u> RI L <u> </u> RI H <u> </u> DS Color <u> </u> Color, Pico <u> </u> Sign <u> </u>	<u> </u> Chrysotile <u> </u> Amphibole <u> </u> Other <u> </u>	<u> </u> Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	<u>20</u> Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
Comments: <u> </u>							
Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Progs. Asbestos = 0							
POINT COUNT RESULTS ON THIS PAGE							



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BULK ASBESTOS ANALYSIS SHEET

NYLAP 101187
ELAP 10876
Microscope OLYMPUS BH-2
NIKON OPTISHOT

Client / Project ATC MI / ECOM, Bldg 6 Project Number 7159
Analysis Date 6/11/09 Analyst Ward Batch Number 7159

Field Number	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %	
1	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/> Comments: Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Color <u>gray</u> Texture <u>fib</u> Homogeneity <u>1</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> Color of Layer <u>1</u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Brief <u>1</u> Sign <u>1</u>	Morphology <u>1</u> Extinction <u>1</u> RI L <u>1</u> DS Color <u>1</u> Color, Pico <u>1</u> Sign <u>1</u>	Chrysotile <input checked="" type="checkbox"/> Amosite <input type="checkbox"/> Other <input type="checkbox"/>	Cellulose <input type="checkbox"/> Fiberglass <input type="checkbox"/> Other <input type="checkbox"/>	Mineral Fiber <input type="checkbox"/> Organic Binders <input type="checkbox"/> Vermiculite <input type="checkbox"/> Other <input type="checkbox"/>	Organic <input type="checkbox"/> Residue <input type="checkbox"/> Carbonate <input type="checkbox"/> Other <input type="checkbox"/> Asbestos <input type="checkbox"/>
2	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/> Comments: Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Color <u>gray</u> Texture <u>fib</u> Homogeneity <u>1</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> Color of Layer <u>1</u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Brief <u>1</u> Sign <u>1</u>	Morphology <u>1</u> Extinction <u>1</u> RI L <u>1</u> DS Color <u>1</u> Color, Pico <u>1</u> Sign <u>1</u>	Chrysotile <input checked="" type="checkbox"/> Amosite <input type="checkbox"/> Other <input type="checkbox"/>	Cellulose <input type="checkbox"/> Fiberglass <input type="checkbox"/> Other <input type="checkbox"/>	Mineral Fiber <input type="checkbox"/> Organic Binders <input type="checkbox"/> Vermiculite <input type="checkbox"/> Other <input type="checkbox"/>	Organic <input type="checkbox"/> Residue <input type="checkbox"/> Carbonate <input type="checkbox"/> Other <input type="checkbox"/> Asbestos <input type="checkbox"/>
3	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/> Comments: Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Color <u>gray</u> Texture <u>fib</u> Homogeneity <u>1</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> Color of Layer <u>1</u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Brief <u>1</u> Sign <u>1</u>	Morphology <u>1</u> Extinction <u>1</u> RI L <u>1</u> DS Color <u>1</u> Color, Pico <u>1</u> Sign <u>1</u>	Chrysotile <input checked="" type="checkbox"/> Amosite <input type="checkbox"/> Other <input type="checkbox"/>	Cellulose <input type="checkbox"/> Fiberglass <input type="checkbox"/> Other <input type="checkbox"/>	Mineral Fiber <input type="checkbox"/> Organic Binders <input type="checkbox"/> Vermiculite <input type="checkbox"/> Other <input type="checkbox"/>	Organic <input type="checkbox"/> Residue <input type="checkbox"/> Carbonate <input type="checkbox"/> Other <input type="checkbox"/> Asbestos <input type="checkbox"/>
4	Gravimetric (NOB) Required <input type="checkbox"/> Recommended <input type="checkbox"/> Gravimetric PREP <input type="checkbox"/> Gravimetric (NOB) PLM <input type="checkbox"/> Gravimetric (NOB) TEM <input type="checkbox"/> Comments: Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 Preps, Asbestos = 0	Color <u>gray</u> Texture <u>fib</u> Homogeneity <u>1</u> # of Layers <u>1</u> Asbestos <input type="checkbox"/> Color of Layer <u>1</u> Detected Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Brief <u>1</u> Sign <u>1</u>	Morphology <u>1</u> Extinction <u>1</u> RI L <u>1</u> DS Color <u>1</u> Color, Pico <u>1</u> Sign <u>1</u>	Chrysotile <input checked="" type="checkbox"/> Amosite <input type="checkbox"/> Other <input type="checkbox"/>	Cellulose <input type="checkbox"/> Fiberglass <input type="checkbox"/> Other <input type="checkbox"/>	Mineral Fiber <input type="checkbox"/> Organic Binders <input type="checkbox"/> Vermiculite <input type="checkbox"/> Other <input type="checkbox"/>	Organic <input type="checkbox"/> Residue <input type="checkbox"/> Carbonate <input type="checkbox"/> Other <input type="checkbox"/> Asbestos <input type="checkbox"/>