



Consulting ■ Engineering ■ Project Management
 204 E. Jefferson Street
 Valparaiso, IN 46383
 (219) 531-0531
 Fax: (219) 464-0464

Asbestos Abatement Summary of Activities

Client: Mr. Todd Van Keppel
 Valparaiso Community Schools
 55 Evans Avenue
 Valparaiso, IN 46383

Project: Memorial Elementary School
 1052 Park Avenue
 Valparaiso, IN 46385

Project Location: Main Entrance Vestibule

Date Activity Started: 08/24/2016

Date Activity Concluded: 08/24/2016

Work Performed and Amount of Asbestos Containing Materials Removed

Description	Each	Square Feet	Linear Feet
Glovebag Removal of Cementitious Pipe Fittings	5		
Glovebag Removal of ACM Pipe Insulation			15
Total	5		15

Consultant: Amereco, Inc.
 204 E. Jefferson Street
 Valparaiso, IN 46383
 (219) 531-0531

Visual Inspection By: Hugo Jimenez **Date:** 08/24/2016

Air Monitoring Firm: Amereco, Inc.
 204 E. Jefferson Street
 Valparaiso, IN 46383
 (219) 531-0531

Contractor: Safe Environmental Services
 10030 Express Drive, Suite A & B
 Highland, IN 46322
 (219) 922-0844

License Number: 193721047 **Expiration Date:** 05/17/2017

Supervisor: Hugo Jimenez

License Number: 194005115 **Expiration Date:** 03/18/2017

Laboratory Name: Amereco, Inc.
204 E. Jefferson Street
Valparaiso, IN 46383

Analysis Date: Daily Throughout Project

Accreditation: AIHA # (PCM): 100953

Analyzed By: Jeff Rugg Signed: Yes

Landfill: Laraway Landfill
21233 W. Laraway Road
Joliet, IL 60148
(815) 727-6148

Debris Hauled By: Safe Environmental Corporation
10030 Express Drive, Suites A & B
Highland, IN 46322
(219) 922-0844

Hauled to Landfill By: Homewood Disposal Services
1501 W 175th Street
Homewood, IL 60430
(708) 798-1004

THIS IS A SUMMARY OF ASBESTOS ABATEMENT OR RESPONSE ACTION RECORDS THAT ARE AN INTEGRAL PORTION OF THE MANAGEMENT PLAN OF THIS BUILDING.

AMERECO, INC.

Consulting ■ Engineering ■ Project Management
 204 E. Jefferson Street
 Valparaiso, IN 46383
 (219) 531-0531
 Fax: (219) 464-0464

FIBER CONCENTRATION REPORT

DATE: August 29, 2016 **REPORTED TO:** Mr. Todd Van Keppel
 Valparaiso Community Schools
PROJECT: Memorial Elementary School
 Main Entrance Vestibule 55 Evans Avenue
 Valparaiso, IN 46383

PROJECT NO.: 18.5000.2.7 **ANALYTICAL METHOD:** PCM – NIOSH Method 7400
 400-450X Magnification

 Following are the analytical results of five (5) air samples collected following the removal of asbestos containing cementitious pipe fittings at the above captioned site. The samples were analyzed by NIOSH Method 7400 using Phase Contrast Microscopy at 400 - 450X magnification. Method 7400 measures the concentration of all fibers present, asbestos and non-asbestos.

Sample Type:	PER – Personal ** - Excursion	TWA - 8hr. Time Weighted Average	BKG - Background IA - Inside Area OA - Outside Area	CLR - Clearance NEG - Negative Air Exhaust	IAQ - Indoor Air Quality
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Activity:	GR - Gross Removal CU - Clean Up	GB - Glovebag PR - Site Prep	BO - Bag Out
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Sample ID	Date Collected	Sample Type/Activity	Location	Fibers/CC
M06	8/24/16	CLR	Main Entrance Vestibule – East Side	<0.01
M07	8/24/16	CLR	Main Entrance Vestibule – West Side	<0.01
M08	8/24/16	CLR	Main Entrance Vestibule – North Side	<0.01
M09	8/24/16	CLR	Main Entrance Vestibule – Northeast Corner	<0.01
M10	8/24/16	CLR	Lobby Outside Main Entrance	<0.01

Clearance Level = <0.01 Fibers/CC

Analyzed by: Amereco, Inc.
 AIHA Laboratory ID No. 100953

Asbestos Abatement Summary of Activities

Client: Mr. Todd Van Keppel
Valparaiso Community Schools
55 Evans Avenue
Valparaiso, IN 46383

Project: Memorial Elementary School
1052 Park Avenue
Valparaiso, IN 46385

Project Location: Classroom EA-125

Date Activity Started: 11/23/2016

Date Activity Concluded: 11/23/2016

Work Performed and Amount of Asbestos Containing Materials Removed

Description	Each	Square Feet	Linear Feet
Glovebag Removal of Cementitious Pipe Fittings	2		
Glovebag Removal of ACM Pipe Insulation			3
Total	2		3

Consultant: Amereco, Inc.
204 E. Jefferson Street
Valparaiso, IN 46383
(219) 531-0531

Visual Inspection By: Hugo Jimenez **Date:** 11/23/2016

Air Monitoring Firm: Amereco, Inc.
204 E. Jefferson Street
Valparaiso, IN 46383
(219) 531-0531

Contractor: Safe Environmental Corporation
10030 Express Drive, Suite A & B
Highland, IN 46322
(219) 922-0844

License Number: 193721047 **Expiration Date:** 05/17/2017

Supervisor: Hugo Jimenez

License Number: 194005115 **Expiration Date:** 03/18/2017

Laboratory Name: Amereco, Inc.
204 E. Jefferson Street
Valparaiso, IN 46383

Analysis Date: Daily Throughout Project

Accreditation: AIHA # (PCM): 100953

Analyzed By: Devyn Unger Signed: Yes

Landfill: Laraway Landfill
21233 W. Laraway Road
Joliet, IL 60436
(815) 727-6148

Debris Hauled By: Safe Environmental Corporation
10030 Express Drive, Suites A & B
Highland, IN 46322
(219) 922-0844

Hauled to Landfill By: Homewood Disposal Services
1501 W 175th Street
Homewood, IL 60430
(708) 798-1004

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AMERECO, INC.



Consulting ■ Engineering ■ Project Management
 204 E. Jefferson Street
 Valparaiso, IN 46383
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 Fax: (219) 464-0464

FIBER CONCENTRATION REPORT

DATE: December 8, 2016 **REPORTED TO:** Mr. Todd Van Keppel
 Valparaiso Community Schools
PROJECT: Memorial Elementary School
 Classrooms EA-125 55 Evans Avenue
 Valparaiso, IN 46383

PROJECT NO.: 18.5000.2.8 **ANALYTICAL METHOD:** PCM – NIOSH Method 7400
 400-450X Magnification

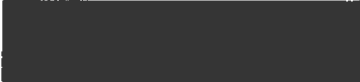
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 Following are the analytical results of one (1) clearance air sample collected following the removal of asbestos containing cementitious pipe fittings at the above captioned site. The samples were analyzed by NIOSH Method 7400 using Phase Contrast Microscopy at 400 - 450X magnification. Method 7400 measures the concentration of all fibers present, asbestos and non-asbestos.

Sample Type:	PER – Personal ** - Excursion	TWA - 8hr. Time Weighted Average	BKG - Background IA - Inside Area OA - Outside Area	CLR - Clearance NEG - Negative Air Exhaust	IAQ - Indoor Air Quality
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Activity:	GR - Gross Removal CU - Clean Up	GB - Glovebag PR - Site Prep	BO - Bag Out
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Sample ID	Date Collected	Sample Type/Activity	Location	Fibers/CC
MES-04	11/23/16	CLR	Classroom EA-125 – Inside Mini-Containment – North East Side	<0.01

Analyzed by: Amereco, Inc.
 AIHA Laboratory ID No. 100953



Asbestos Abatement Summary of Activities

Client: Mr. Todd Van Keppel
Valparaiso Community Schools
55 Evans Avenue
Valparaiso, IN 46383

Project: Rooms: EA-107, EA-109-111, EA-120-122, EA-127-129, EA-131
Gymnasium, West Main Hallway, Exterior
Memorial Elementary School

Project Location: 1052 Park Avenue
Valparaiso, IN 46385

Date Activity Started: 06/09/17

Date Activity Concluded: 06/24/17

Work Performed and Amount of Asbestos Containing Materials Removed

Description	Each	Square Feet	Linear Feet
Pipe Insulation			78
Floor Tile And Mastic		1440	
Transite Panels		58	
Total		1498	78

Consultant: Amereco, Inc.
54 Michigan Avenue
Valparaiso, IN 46383
(219) 531-0531

Project Designer: John Blosky

License Number: 190823109 **Expiration Date:** 01/03/2018

Visual Inspection By: Stan Butrym **Date:** 06/24/17

Air Monitoring Firm: Amereco, Inc.
54 Michigan Avenue
Valparaiso, IN 46383
(219) 531-0531

Contractor: IES, Inc.
337 W. 806 N.
Valparaiso, IN 46385
(219) 762-7724

License Number: 190110065 **Expiration Date:** 06/08/18

Supervisor: Stan Butrym

License Number: 190227072 **Expiration Date:** 08/03/17

Laboratory Name: Amereco, Inc.
54 Michigan Avenue
Valparaiso, IN 46383

Analysis Date: Daily Throughout Project

Accreditation: AIHA # (PCM): 100953

Analyzed By: Aaron Wilker **Signed:** Yes

Landfill: Newton County Landfill
2266 E. 500 South
Brook, IN 47922
(219) 394-7222

Debris Hauled By: Interstate Environmental Services
337 W. 806 N.
Valparaiso, IN 46385
(219) 762-7724

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AMERECO, INC.



Consulting ■ Engineering ■ Project Management
54 Michigan Avenue
Valparaiso, IN 46383
(219) 531-0531
Fax: (219) 464-9166

FIBER CONCENTRATION REPORT

DATE: July 12, 2017 **REPORTED TO:** Mr. Todd Van Keppel
Valparaiso Community Schools
PROJECT: Rooms: EA-107, EA-109-111, EA-120-122, EA-127-129, EA-131
Gymnasium, West Main Hallway, Exterior
Memorial Elementary
Valparaiso, IN 46383
PROJECT NO.: 18.5000.2.11 **ANALYTICAL METHOD:** PCM – NIOSH Method 7400
400-450X Magnification

Following are the analytical results of forty seven (47) air samples collected following the removal of asbestos-containing pipe fittings, pipe insulation, floor tile and mastic, and transite paneling at the above captioned site. The samples were analyzed by NIOSH Method 7400 using Phase Contrast Microscopy at 400 - 450X magnification. Method 7400 measures the concentration of all fibers present, asbestos and non-asbestos.

Sample Type:	PER – Personal ** - Excursion	TWA - 8hr. Time Weighted Average	BKG - Background IA - Inside Area OA - Outside Area	CLR - Clearance NEG - Negative Air Exhaust	IAQ - Indoor Air Quality
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Activity:	GR - Gross Removal CU - Clean Up	GB - Glovebag PR - Site Prep	BO - Bag Out
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Sample ID	Date Collected	Sample Type/Activity	Location	Fibers/CC
MEM-14	06/12/2017	CLR	Gym, Under Pipe Removal	<0.01
MEM-15	06/12/2017	CLR	Gym, South Central	<0.01
MEM-16	06/12/2017	CLR	EA-102, Center	<0.01
MEM-17	06/12/2017	CLR	EA-108	<0.01
MEM-18	06/12/2017	CLR	EA-108	<0.01
MEM-27	06/13/2017	CLR	Outside EA-111, West	<0.01
MEM-28	06/13/2017	CLR	EA-111 South	<0.01
MEM-30	06/13/2017	CLR	Outside EA-110	<0.01
MEM-31	06/13/2017	CLR	EA-110, North Wall	<0.01
MEM-32	06/13/2017	CLR	EA-108	<0.01
MEM-40	06/14/2017	CLR	Gymnasium, North Wall, Northeast Corner	<0.01

O.L. = Overloaded

Sample ID	Date Collected	Sample Type/Activity	Location	Fibers/CC
MEM-41	06/14/2017	CLR	Gymnasium, East Wall, Northeast Corner	<0.01
MEM-43	06/14/2017	CLR	EA-110	<0.01
MEM-44	06/14/2017	CLR	EA-111	<0.01
MEM-58	06/15/2017	CLR	Containment, Boys' Bathroom South	O.L.
MEM-59	06/15/2017	CLR	Containment, Boys' Bathroom North	O.L.
MEM-60	06/15/2017	CLR	Girls' Bathroom, West Wall	O.L.
MEM-63	06/15/2017	CLR	Containment, Boys' Bathroom South	<0.01
MEM-64	06/15/2017	CLR	Containment, Boys' Bathroom North	<0.01
MEM-65	06/15/2017	CLR	Girls' Bathroom, West Wall	<0.01
MEM-99	06/17/2017	CLR	Outside EA-127	0.01
MEM-100	06/17/2017	CLR	Outside EA-121	<0.01
MEM-101	06/17/2017	CLR	Outside EA-122	<0.01
MEM-102	06/17/2017	CLR	Outside EA-123	<0.01
MEM-103	06/17/2017	CLR	Inside EA-126	<0.01
MEM-104	06/17/2017	CLR	EA-131, East Side (Boys' Bathroom)	<0.01
MEM-105	06/17/2017	CLR	EA-131, West Side (Boys' Bathroom)	<0.01
--	06/17/2017	TWA	Mike Hernandez S.S. No. xxx-xx-9738	0.01
--	06/17/2017	TWA	Martin Fajardo S.S. No. xxx-xx-4003	<0.01
--	06/17/2017	TWA	Kevin Ksenak S.S. No. xxx-xx-7324	<0.01
MEM-106	06/19/2017	OA/GB	EA-120, West Wall	O.L.
MEM-107	06/19/2017	OA/GB	EA-127, East Wall	O.L.
MEM-108	06/19/2017	OA/GB	EA-121, West Wall	O.L.
MEM-109	06/19/2017	OA/GB	EA-126, East Wall	<0.01
MEM-110	06/19/2017	OA/GB	EA-122, West Wall	O.L.
MEM-111	06/19/2017	PER/GB	Mike Vasquez S.S. No. xxx-xx-5071	0.01
MEM-112	06/19/2017	OA/GB	EA-123, West Wall	O.L.
MEM-113	06/19/2017	**/GB	Stan Butrym S.S. No. xxx-xx-5609	0.01

Sample ID	Date Collected	Sample Type/Activity	Location	Fibers/CC
MEM-114	06/19/2017	CLR	EA-120	<0.01
MEM-115	06/19/2017	CLR	EA-121	<0.01
MEM-116	06/19/2017	CLR	EA-122	<0.01
MEM-117	06/19/2017	CLR	EA-123	<0.01
MEM-118	06/19/2017	CLR	EA-126	<0.01
MEM-119	06/19/2017	CLR	EA-127	<0.01
MEM-120	06/19/2017	CLR	Girls' Bathroom	<0.01
MEM-124	06/24/2017	CLR	EA-127 West Wall	<0.01
MEM-125	06/24/2017	CLR	Gymnasium	<0.01

Clearance Level = <0.01 Fibers/CC

Analyzed by: Amereco, Inc.
 AIHA Laboratory ID No. 100953