# THE DEPARTMENT OF THE PARTY OF

#### BUREAU OF ENVIRONMENTAL QUALITY

### Asbestos Abatement Final Clearance Inspection

Permit No.: PAR22-4	1250 Date: 03/03/23 Field Agent: D2, VM
Site Location: (5) Port	er st springdole PA15144 Cheswick Generation Station/Crushe
Asbestos Abatement Contr	actor: ARC Abatement Hase
I CHECKLIST	Yes No
2105.63.k	a. Were critical barriers intact
2105.63.k	b. Were negative air systems in operation
2105.63.k	c. Were work areas properly wet cleaned
2105.63.j	d. Air monitoring results at specified levels
2105.63.j	e. Adequate number of samples collected
2105.63.j	f. Air Sampling results available
II RESIDUAL ACM ON	
2105.63.k	a. Floor
2105.63.k	b. Horizontal Surfaces
2105.63.k	c. Pipes
2105.63.k	d. Ventilation Equipment
2105.63.k	e. Ducts
2105.63.k	f. Register
2105.63.k	g. Lights
	h. Field Notes:
Q:// Galhishi	from a ductor ho been remarel.
2105.63j	Air Monitoring Firm: Mul Allon he
III FINAL AIR CLEAR	
2105.63j	a. Was hard copy on site
,	b. Were all samples <.01
	Sample Procedures:
2105.63j	c. Sufficient sampling time
2105.63j	d. Proper flow rate
2105.63j	e. Correct Cassette
2105.63j	f. Proper # Samples
	Based on visual inspection by Bureau personnel and data submitted by air monitoring firm, final clearance HAS/HAS NOT been granted based on the provisions of Article XXI, Rules and Regulations of Allegheny County.

Cheswick Recention 5 totion Final La Completed

Richard Pavotti
Charah Environmental
(502)327-4228
RRavotti@Charah.com



#### **CONTACT SHEET**

CONTRACTOR

**ARC Abatement, INC** 

**GENERAL MANAGER** 

Warren Brown 504-313-2032

Melissa Alfaro 980-298-2104

**PROJECT MANAGER** 

Mike Radabaugh

340-840-3486

304-841-3486

General SUPERINTENDENT Raul Betancourt

956-410-8920

**SUPERVISOR** 

Yoemichael Garcia

503-710-4113

SITE SAFETY

Ibrhim Hadir

281-513-3950

ADMIN

**Daisy Valdez** 

956-617-4107

Cheswick

# **Crusher House**



An Independent Laboratory Providing Reliable Analysis with Professionalism and Honesty

#### PCM (Air) - Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)

1322 Space Park Drive, Suite A155

Houston, TX 77058

281-470-0708

**Contact: Luis Hernandez** 

Report Number:

5522-4307

Report Date:

October 31, 2022

Samples Collected:

September 20, 2022

Date Received:

October 24, 2022

Turn-around time:

5 Day

Job ID / Site: H22-0714 / ARC Abatement / Cheswick Generating Plant / Project 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-48	5522-4307-01	PERSONNEL / JANIEL LANZA / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00	0.002	0.001	5.10	0.002	4/10
CW-49	5522-4307-02	AREA / UPWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00		0.001	2.55	<0.001	2/10
CW-50	5522-4307-03	AREA / DOWNWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00		0.001	2.55	<0.001	2/10
CW-51	5522-4307-04	PERSONNEL-STEL / BETTY SOTELO / CRUSHER HOUSE / GALBESTOS REMOVAL	60.00		0.004	1.27	0.008	1/10
B1	5522-4307-05	BLANK	0.00		N/A	<3.18	N/A	0/10
B2	5522-4307-06	BLANK	0.00		N/A	<3.18	N/A	0/10

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the date for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.

1HA IHPAT Participant Lab #: 162279 (PCM)

TDSHS Asbestos License#: 30-0312 PLM/PCM



An Independent Laboratory Providing Reliable Analysis with Professionalism and Honesty

#### PCM (Air) - Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)

1322 Space Park Drive, Suite A155

Houston, TX 77058

281-470-0708

**Contact: Luis Hernandez** 

Report Number:

5522-4308

Report Date:

October 31, 2022

Samples Collected:

**September 21, 2022** 

Date Received:

October 24, 2022

Turn-around time:

5 Day

Job ID / Site: H22-0714 / ARC Abatement / Cheswick Generating Plant / Project 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-52	5522-4308-01	PERSONNEL / NORMAN ZELEDON / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00	<0.001	0.001	1.27	<0.001	1/100
CW-53	5522-4308-02	AREA / UPWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00		0.001	1.27	<0.001	1/10
CW-54	5522-4308-03	AREA / DOWNWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00		0.001	1.27	<0.001	1/10
CW-55	5522-4308-04	PERSONNEL-STEL / ALEX CORONA / CRUSHER HOUSE / GALBESTOS REMOVAL	60.00		0.004	<3:18	<0.004	0/10
B1	5522-4308-05	BLANK	0.00		N/A	<3.18	N/A	0/10
B2	5522-4308-06	BLANK	0.00		N/A	<3.18	N/A	0/10

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.

AIHA IHPAT Participant Lab #: 162279 (PCM)

TDSHS Asbestos License#: 30-0312 PLM/PCM



An Independent Laboratory Providing Reliable Analysis with Professionalism and Honesty

#### PCM (Air) - Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)

1322 Space Park Drive, Suite A155

Houston, TX 77058

281-470-0708

**Contact: Luis Hernandez** 

Report Number:

5522-4309

Report Date:

October 31, 2022

Samples Collected:

September 22, 2022

Date Received:

October 24, 2022

Turn-around time:

5 Day

Job ID / Site: H22-0714 / ARC Abatement / Cheswick Generating Plant / Project 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
		DEDOCUMEN / DETTY COTES O LODGE FOR						
CW-56	5522-4309-01	PERSONNEL / BETTY SOTELO / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00	<0.001	0.001	1,27	<0.001	1/10
		and the state of t						
CW-57	5522-4309-02	AREA / UPWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00		0.001	1.27	<0.001	1/10
011 01	33EE 4003 0E	CALDED TO TEMOVAL	330.00		0.001	الكرا	~0.001	17 10
		AREA / DOWNWIND / CRUSHER HOUSE /						
CW-58	5522-4309-03	GALBESTOS REMOVAL	990.00		0.001	1,27	<0.001	1/10
		PERSONNEL-STEL / JANIEL LANZA / CRUSHER						
CW-59	5522-4309-04	HOUSE / GALBESTOS REMOVAL	60.00		0.004	<3.18	<0.004	0/10
B1	5522-4309-05	BLANK	0.00		N/A	<3.18	N/A	0/10
B2	EE00 4000 00	DI ANI/	0.00		A1/A	<b>40.40</b>	\$1/A	0/40
52	5522-4309-06	BLANK	0.00		N/A	<3.18	N/A	0/10

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.

IHA IHPAT Participant Lab #: 162279 (PCM)

TDSHS Asbestos License#: 30-0312 PLM/PCM



An Independent Laboratory Providing Reliable Analysis with Professionalism and Honesty

#### PCM (Air) - Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)

1322 Space Park Drive, Suite A155

Houston, TX 77058

281-470-0708

**Contact: Luis Hernandez** 

Report Number:

5522-4310

Report Date:

October 31, 2022

Samples Collected:

**September 23, 2022** 

Date Received:

October 24, 2022

Turn-around time:

5 Day

Job ID / Site: H22-0714 / ARC Abatement / Cheswick Generating Plant / Project 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
		PERSONNEL / NORMAN ZELEDON / CRUSHER						
CW-60	5522-4310-01	HOUSE / GALBESTOS REMOVAL	900.00	0.001	0.001	2.55	0.001	2/10
		ADEL CONTROL OF TOURS HOUSE						
CW-61	5522-4310-02	AREA / UPWIND / CRUSHER HOUSE /- GALBESTOS REMOVAL	900.00		0.001	2.55	0.001	2/10
CW-62	5522-4310-03	AREA / DOWNWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	900.00		0.001	1.27	<0.001	1/10
CVV-02	5522-4510-05	GALDESTOS REMOVAL	900.00		0.001	1.2/	~0.001	1/10
		PERSONNEL-STEL / BETTY SOTELO / CRUSHER						
CW-63	5522-4310-04	HOUSE / GALBESTOS REMOVAL	60.00		0.004	1.27	0.008	1/10
B1	EE00 4010 0E	BLANK	0.00		N/A	<3.18	N/A	0/10
ום	5522-4310-05	BLANK	0.00		IVA	>3.10	IN/M	0/10
B2	5522-4310-06	BLANK	0.00		N/A	<3.18	N/A	0/10
								The second and the second

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.

IHA IHPAT Participant Lab #: 162279 (PCM)

TDSHS Asbestos License#: 30-0312 PLM/PCM



An Independent Laboratory Providing Reliable Analysis with Professionalism and Honesty

#### PCM (Air) – Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)

1322 Space Park Drive, Suite A155

Houston, TX 77058

281-470-0708

**Contact: Luis Hernandez** 

Report Number:

5522-4311

**Report Date:** 

October 31, 2022

Samples Collected:

September 26, 2022

**Date Received:** 

October 24, 2022

Turn-around time:

5 Day

Job ID / Site: H22-0714 / ARC Abatement / Cheswick Generating Plant / Project 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-64	5522-4311-01	PERSONNEL / ALEX CORONA / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00	<0.001	0.001	1.27	<0.001	1/10
CW-66	5522-4311-02	AREA / UPWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00		0.001	2.55	<0.001	2/10
CW-67	5522-4311-03	AREA / DOWNWIND / CRUSHER HOUSE / GALBESTOS REMOVAL	990.00		0.001	2.55	<0.001	2/10
CW-68	5522-4311-04	PERSONNEL-STEL / JANIEL LANZA / CRUSHER HOUSE / GALBESTOS REMOVAL	60.00	<b>在选择</b>	0.004	<3.18	<0.004	0/10
B1	5522-4311-05	BLANK	0.00		N/A	<3.18	N/A	0/10
B2	5522-4311-06	BLANK	0.00		N/A	<3.18	N/A	0/10

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.

IHA IHPAT Participant Lab #: 162279 (PCM)

TDSHS Asbestos License#: 30-0312 PLM/PCM



An Independent Laboratory Providing Reliable Analysis with Professionalism and Honesty

#### PCM (Air) - Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)

1322 Space Park Drive, Suite A155

Houston, TX 77058

281-470-0708

**Contact: Luis Hernandez** 

Report Number:

5522-4874

Report Date:

December 7, 2022

Samples Collected:

October 14, 2022

Date Received:

November 30, 2022

Turn-around time:

5 Day

Job ID / Site: H22-0805 / ARC Abatement / Cheswick Generating Plant, PA / Project# 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
		PERSONNEL / JANIEL LANIZA / CRUSHER HOUSE						
CW-113	5522-4874-01	GALBESTOS REMOVAL	660.00	0.002	0.001	6.37	0.004	5/10
CW-114	5522-4874-02	AREA / CRUSHER HOUSE GALBESTOS REMOVAL UPWIND	660.00	100 E	0,001	1.27	<0.001	1/10
CW-115	5522-4874-03	AREA / CRUSHER HOUSE GALBESTOS REMOVAL DOWNWIND	660.00		0.001	2.55	0.001	2/10
CW-116	5522-4874-04	PERSONNEL-STEL / BETTY SOTELO / CRUSHER HOUSE GALBESTOS REMOVAL	60.00		0.004	<3.18	<0.004	0/10
B1	5522-4874-05	BLANK	0.00		N/A	<3.18	N/A	0/1
B2	5522-4874-06	BLANK	0.00		N/A	<3.18	N/A	0/1

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.

AIHA IHPAT Participant Lab #: 162279 (PCM)

TDSHS Asbestos License#: 30-0312 PLM/PCM



An Independent Laboratory Providing Reliable Analysis with Professionalism and Honesty

#### PCM (Air) - Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)

1322 Space Park Drive, Suite A155

Houston, TX 77058

281-470-0708

**Contact: Luis Hernandez** 

Report Number:

5522-4875

Report Date:

December 7, 2022

Samples Collected:

October 17, 2022

Date Received:

November 30, 2022

Turn-around time:

5 Day

Job ID / Site: H22-0805 / ARC Abatement / Cheswick Generation Plant, PA / Project# 22-15-009

Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
5522-4875-01		780.00	<0.001	0.001	1.27	<0.001	1/10
				The state of the s			
	AREA / CRUSHER HOUSE GALBESTOS REMOVAL			- 44 - 44 - 5	a de la como		
5522-4875-02	UPWIND	780.00		0.001	1.27	<0.001	1/10
	AREA / CRUSHER HOUSE GALBESTOS REMOVAL						
5522-4875-03	DOWNWIND	780.00		0.001	2.55	0.001	2/10
	OFFICE WORLD TO FROM						
5522-4875-04		60.00	TEN SERVICES	0.004	<3.18	<0.004	0/10
5522-4875-05	RI ANK	0.00		N/A	<2 10	N/A	0/10
0022-4070-00	BLANK	0.00		INA	0.10	19/7	0/10
5522-4875-06	BLANK	0.00		N/A	<3.18	N/A	0/10
			To a supplemental				
		100					
			According to				
	5522-4875-01 5522-4875-02 5522-4875-03	PERSONNEL / ALEX CORONA / CRUSHER HOUSE  5522-4875-01 GALBESTOS REMOVAL  AREA / CRUSHER HOUSE GALBESTOS REMOVAL  UPWIND  AREA / CRUSHER HOUSE GALBESTOS REMOVAL  DOWNWIND  PERSONNEL-STEL / NORMAN ZOLEDON / CRUSHER HOUSE GALBESTOS REMOVAL  5522-4875-04 CRUSHER HOUSE GALBESTOS REMOVAL  5522-4875-05 BLANK	Lab Sample Number  Sample Description / Location / Personnel (Liters)  PERSONNEL / ALEX CORONA / CRUSHER HOUSE GALBESTOS REMOVAL  S522-4875-01  AREA / CRUSHER HOUSE GALBESTOS REMOVAL  UPWIND  AREA / CRUSHER HOUSE GALBESTOS REMOVAL  DOWNWIND  PERSONNEL-STEL / NORMAN ZOLEDON / CRUSHER HOUSE GALBESTOS REMOVAL  5522-4875-04  BLANK  0.00	Lab Sample Number  Sample Description / Location / Personnel Information  PERSONNEL / ALEX CORONA / CRUSHER HOUSE  5522-4875-01  GALBESTOS REMOVAL  AREA / CRUSHER HOUSE GALBESTOS REMOVAL  UPWIND  AREA / CRUSHER HOUSE GALBESTOS REMOVAL  DOWNWIND  PERSONNEL-STEL / NORMAN ZOLEDON /  5522-4875-04  CRUSHER HOUSE GALBESTOS REMOVAL  0.00  PERSONNEL-STEL / NORMAN ZOLEDON /  5522-4875-05  BLANK  0.00	Lab Sample Number Sample Description / Location / Personnel Information Sample Volume (Liters) Results Fibers/cc (Liters) LOD TWA F/CC  PERSONNEL / ALEX CORONA / CRUSHER HOUSE GALBESTOS REMOVAL 780.00 <0.001 0.001  AREA / CRUSHER HOUSE GALBESTOS REMOVAL UPWIND 780.00 0.001  AREA / CRUSHER HOUSE GALBESTOS REMOVAL DOWNWIND 780.00 0.001  PERSONNEL-STEL / NORMAN ZOLEDON / CRUSHER HOUSE GALBESTOS REMOVAL 0.000 0.004  5522-4875-04 CRUSHER HOUSE GALBESTOS REMOVAL 0.000 0.004	Lab Sample Number         Sample Description / Location / Personnel Information         Sample Volume (Liters)         Results Fibers/cc TWA         LOD F/CC         Sample Results Fibers/cc TWA           5522-4875-01         PERSONNEL / ALEX CORONA / CRUSHER HOUSE GALBESTOS REMOVAL         780.00         <0.001	Lab Sample Number         Sample Information         Sample Volume (Liters)         Results Fibers/cc (Liters)         LOD TWA         Sample Results Fibers/cc (Liters)         Color           5522-4875-02         UPWIND         780.00         0.001         1.27         <0.001

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis a report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.

AIHA IHPAT Participant Lab #: 162279 (PCM)

TDSHS Asbestos License#: 30-0312 PLM/PCM



An Independent Laboratory Providing Reliable Analysis with Professionalism and Honesty

#### PCM (Air) - Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)

1322 Space Park Drive, Suite A155

Houston, TX 77058

281-470-0708

**Contact: Luis Hernandez** 

Report Number:

5522-4878

Report Date:

December 7, 2022

Samples Collected:

October 24, 2022

Date Received:

November 30, 2022

Turn-around time: 5 Day

Job ID / Site: H22-0805 / ARC Abatement / Cheswick Generating Plant, PA / Project# 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-129	5522-4878-01	PERSONNEL / ALEJANDRO CORONA / CRUSHER HOUSE GALBESTOS REMOVAL	780.00	0.001	0.001	2.55	0.001	2/10
CW-130	5522-4878-02	AREA / CRUSHER HOUSE GALBESTOS REMOVAL UPWIND	780.00		0.001	1.27	<0.001	1/10
CW-131	5522-4878-03	AREA / CRUSHER HOUSE GALBESTOS REMOVAL DOWNWIND	780.00		0.001	1.27	<0.001	1/10
CW-132	5522-4878-04	PERSONNEL-STEL / JANIEL LANZA / CRUSHER HOUSE GALBESTOS REMOVAL	60.00		0.004	<3.18	<0.004	0/10
B1	5522-4878-05	BLANK	0.00		N/A	<3.18	N/A	0/10
B2	5522-4878-06	BLANK	0.00		N/A	<3.18	N/A	0/10

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.

AIHA IHPAT Participant Lab #: 162279 (PCM)

TDSHS Asbestos License#: 30-0312 PLM/PCM



An Independent Laboratory Providing Reliable Analysis with Professionalism and Honesty

#### PCM (Air) - Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston) 1322 Space Park Drive, Suite A155

Houston, TX 77058

281-470-0708

**Contact: Luis Hernandez** 

Report Number:

5522-4879

Report Date:

December 7, 2022

Samples Collected:

October 25, 2022

Date Received:

November 30, 2022

Turn-around time: 5 Day

Job ID / Site: H22-0805 / ARC Abatement / Cheswick Generating Plant, PA / Project# 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
		PERSONNEL/BETTY SOTELO / CRUSHER						
CW-133	5522-4879-01	HOUSE GALBESTOS REMOVAL	780.00	<0:001	0.001	1.27	<0.001	1/100
CW-134		AREA / CRUSHER HOUSE GALBESTOS REMOVAL UPWIND	780.00	Non-Sen	0.001	1.27	<0.001	1/100
CW-135		AREA / CRUSHER HOUSE GALBESTOS REMOVAL	780.00		0.001	1.27	<0.001	1/100
CW-136	5522-4879-04	PERSONNEL-STEL / NORMAN ZELADON / CRUSHER HOUSE GALBESTOS REMOVAL	60.00		0.004	1.27	0.008	1/100
C44-130	3322-4079-04	CRUSHEN HOUSE GALBESTOS NEWOVAL	00.00		0.004	1.21	0.000	1/100
B1	5522-4879-05	BLANK	0.00		N/A	<3.18	N/A	0/100
B2	5522-4879-06	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.

AIHA IHPAT Participant Lab #: 162279 (PCM)

TDSHS Asbestos License#: 30-0312 PLM/PCM



An Independent Laboratory Providing Reliable Analysis with Professionalism and Honesty

#### PCM (Air) - Total Fiber Concentration Report

APASI Analytical Method: NIOSH Method 7400-A Issue 2, August 1994 (Phase Contrast Microscopy)

Turnstone EH & S, Inc. (Houston)

1322 Space Park Drive, Suite A155

Houston, TX 77058

281-470-0708

**Contact: Luis Hernandez** 

Report Number:

5522-4881

Report Date:

December 7, 2022

Samples Collected:

October 27, 2022

Date Received:

November 30, 2022

Turn-around time:

5 Day

Job ID / Site: H22-0805 / ARC Abatement / Cheswick Generating Plant, PA / Project# 22-15-009

Client Sample Number	Lab Sample Number	Sample Description / Location / Personnel Information	Total Sample Volume (Liters)	Sample Results Fibers/cc TWA	LOD F/CC	Sample Results F/mm2	Sample Results F/CC	Sample Fibers / Field
CW-146	5522-4881-01	PERSONNEL / EDITH CRUZ / UNIT 1 11TH FLOOR / CONTAINMENT 7 ABATEMENT	450.00	0.001	0.001	2.55	0.002	2/100
CW-147	5522-4881-02	PERSONNEL / GRAVIS GUIDO / UNIT 1 11TH FLOOR / CONTAINMENT 7 ABATEMENT	450.00	0.002	0.001	6.37	0.005	5/100
CW-148	5522-4881-03	AREA / UNIT 1 11TH FLOOR / CONTAINMENT 7 ABATEMENT DECON	450.00		0.001	1.27	0.001	1/100
CW-149	5522-4881-04	AREA / UNIT 1 11TH FLOOR / CONTAINMENT 7 ABATEMENT NEGATIVE AIR	450.00		0.001	8.92	0.008	7/100
CW-150	5522-4881-05	PERSONNEL-STEL / OSCAR JARQUIN / UNIT 1 11TH FLOOR / CONTAINMENT 7 ABATEMENT	60.00		0.004	17.83	0.114	14/100
CW-151	5522-4881-06	PERSONNEL / BETTY SOTELO / CRUSHER HOUSE GALBESTOS REMOVAL	960.00	<0.001	0.001	1.27	<0.001	1/10
CW-152	5522-4881-07	AREA / CRUSHER HOUSE GALBESTOS REMOVAL UPWIND	960.00		0.001	2.55	0.001	2/100
CW-153	5522-4881-08	AREA / CRUSHER HOUSE GALBESTOS REMOVAL	960.00		0.001	2.55	0.001	2/100
CW-154	5522-4881-09	PERSONNEL-STEL / ALEX CORONA / CRUSHER HOUSE GALBESTOS REMOVAL	60.00		0.004	1.27	0.008	1/100
B1	5522-4881-10	BLANK	0.00		N/A	<3.18	N/A	0/100

Notes: The results of this analysis are by visual estimation only. This report cannot be used to represent conditions at any other location, date or time and does not imply that this space is free from these or any other contaminants. Apex Precision Analytical Services, Inc. can not interpret the data for our clients. No responsibility or liability is assumed for the manner in which the results are used or interpreted. This must not be used to claim product endorsement by NVLAP or any government agency of the U.S. Government. This analysis report relates only to samples tested. This report cannot be reproduced except in full and with written permission by Apex Precision Analytical Services, Inc.

VIHA IHPAT Participant Lab #: 162279 (PCM)

TDSHS Asbestos License#: 30-0312 PLM/PCM

# **PADOLI Licenses**

## 064083 PENNSYLVANI Z G X Height 5'07" BROS Sirth Date 01/04/1983 FIGATION

063805

3 00 X

Height 5'06"

Birth Date 07/16/1968

Issue Date 05/26/2022

PENNSYLVANIA ASBESTOS CERTIF

ATION

063778

M GO BY

Height 5'02"

BLY88

Birth Date 02/26/2003

Issue Date 05/24/2022

TOS CERTIFICATIO

Class Expires 05/07/2023

RICARDO BRAVO HÉRNANDEZ C/O CRM WORKFORCE SOL 3905 VINCENNES RD # 300 INDIANAPOLIS IN 46268

Expires 06/30/2023 issue Date 07/25/2022

Class

INDIANAPOLIS IN 46214 ROYMAN F JARQUIN

Ropano , Jospan

7.50

R

James C

Y: Cardo

Bravo

JOSE R CRUZ CABRERA
C\O ARC ABATEMENT
8209 SHERBOURNE DR
KNOXVILLE TN 37919

Class Expires 04/30/2023

# PENNSYLVANIA ASBESTOS CER CATION



Expires 07/16/2023 X S Height 5'10" 1ssue Date 08/31/2022 BLYES

Birth Date 03/06/1979

064266

Class

RUDDY RUIZ GOMEZ 180 GAMMA DR BLDG A PITTSBURGH PA 15238

063758 PENNSYLVANIA Similar GREVE'N GUIDO RUGAMA 609-CAHILL LANE MDIANAPOLIS IN 46214 Class Expires 01/20/2023 BRO

OS Car Jarquin

063689

PENNSY

# 058526 PENNSYLVANIA ASBESTOS CERTIFICATION

Birth Date 04/26/1966



EDITH Y CRUZ CABRERA C/O ARC ABATEMENT 8209 SHERBOURNE DR KNOXVILLE TN 37919 Class Expires 06/07/2023 TI CO Height 5'00" Issue Date 06/10/2022

# STATE OF

11.011

# 064265 PENNSYLVANIA ASBESTOS CERTIF CATION

BROS

Birth Date 11/13/1969



RAUE BETANCOURT
CHO ARC ABATEMENT
8209 SHERBOURNE DR
KNOXVILLE TN 37919

Class

Expires 12/03/2022

Z gox

Height 5'06"

03/12/1981

Class JESUS RUIZ 180 GAMMA DR BLDG A 08/31/2022

PITTSBURGH PA 15238

### Cheswick ACHD Permit #5

Pond (PERIMETER FENCE) DEFERRED PAA 224245 Extentor Galbertus 224246 Coal Stack Tower Barge Unloader 1 Screen House 224247 2 nod X 224248 224249 Storage A 224250 Crusher House Admin /unit #1 224251 224463 FLY Ash SILD

ACHO PERMITS



#### **ACHD Division of Air Quality Asbestos Abatement Permit # PAA224463**

Contractor Name:

ARC ABATEMENT INC

Job Site:

CHESWICK GENERATION STATION (FLY ASH SILO)

151 PORTER ST

SPRINGDALE BORO

15144

Permit Fee:

\$1,550.00

**Issuance Date:** 

10/18/2022

Expiration Date: 3/30/2023

J. E. Jakuhan

Joe Yakubisin

Air Pollution Control Engineer II

Permit Specifications: REMOVE GLASBESTOS

This permit is issued as provided in section 2105.62.H of Article XXI, Rules and Regulation of the Allegheny County Health Department, Air Pollution Control. This Permit shall be posted in a conspicuous location at the Asbestos Abatement Project Site and shall be adequately framed or otherwise protected against damage. The issuance of the permit by the Director shall not be held to prevent the County from pursuing enforcement actions against the Permit Holder for Violations of Article XXI.





#### **ACHD Division of Air Quality** Asbestos Abatement Permit # PAA224251

Contractor Name:

ARC ABATEMENT INC

Job Site

CHESWICK GENERATION STATION - ADMIN/UNIT 1

151 PORTER ST

SPRINGDALE BORO

15144

Permit Fee:

\$1,850.00

Issuance Date:

5/31/2022

**Expiration Date:** 

3/30/2023

Joe Yakubisin

Air Pollution Control Engineer II

Permit Specifications: REMOVE PIPING, STEAM DRUM, VAT, MASTIC,

STUCCO PLASTER, INSULATION, CONDENSER

COATING AND GALBESTOS

This permit is issued as provided in section 2105.62.H of Article XXI, Rules and Regulation of the Allegheny County Health Department, Air Pollution Control. This Permit shall be posted in a conspicuous location at the Asbestos Abatement Project Site and shall be adequately framed or otherwise protected against damage. The issuance of the permit by the Director shall not be held to prevent the County from pursuing enforcement actions against the Permit Holder for Violations of Article XXI.

WARREN brown

warrenbrown @ arc abatement.com

Mike Radabaugh arc abatement.com

John Kling @ are abote ment. com





#### **ACHD Division of Air Quality** Asbestos Abatement Permit # PAA224250

Contractor Name:

ARC ABATEMENT INC

Job Site:

**CHESWICK GENERATION STATION** 

**CRUSHER HOUSE** 151 PORTER ST

SPRINGDALE BORO

15144

Permit Fee:

\$1,850.00

Issuance Date:

5/31/2022

**Expiration Date:** 

3/30/2023

Joe Yakubisin

Air Pollution Control Engineer II

Permit Specifications: REMOVE VAT, MASTIC AND GALBESTOS

This permit is issued as provided in section 2105.62.H of Article XXI, Rules and Regulation of the Allegheny County Health Department, Air Pollution Control. This Permit shall be posted in a conspicuous location at the Asbestos Abatement Project Site and shall be adequately framed or otherwise protected against damage. The issuance of the permit by the Director shall not be held to prevent the County from pursuing enforcement actions against the Permit Holder for Violations of Article XXI.





#### **ALLEGHENY**

## ACHD Division of Air Quality Asbestos Abatement Permit # PAA224248

Contractor Name:

ARC ABATEMENT INC.

Job Site:

**CHESWICK GENERTATION STATION** 

SCREEN HOUSE 151 PORTER ST

SPRINGDALE BORO

15144

Permit Fee:

\$1,850.00

Issuance Date:

5/31/2022

**Expiration Date:** 

JE. Jakuhem

3/30/2023

Joe Yakubisin

Air Pollution Control Engineer II

Permit Specifications: GALBESTOS

This permit is Issued as provided in section 2105.62.H of Article XXI, Rules and Regulation of the Allegheny County Health Department, Air Pollution Control. This Permit shall be posted in a conspicuous location at the Asbestos Abatement Project Site and shall be adequately framed or otherwise protected against damage. The issuance of the permit by the Director shall not be held to prevent the County from pursuing enforcement actions against the Permit Holder for Violations of Article XXI.





## ACHD Division of Air Quality Asbestos Abatement Permit # PAA224246

Contractor Name:

ARC ABATEMENT INC

Job Site:

CHESWICK GENERATION STATION

**COAL STACK TOWER** 

151 PORTER ST

SPRINGDALE BORO

15144

Permit Fee:

\$1,250.00

**Issuance Date:** 

5/31/2022

**Expiration Date:** 

JE fakulem

3/30/2023

Joe Yakubisin

Air Pollution Control Engineer II

Permit Specifications: REMOVE GALBESTOS

This permit is issued as provided in section 2105.62.H of Article XXI, Rules and Regulation of the Allegheny County Health Department, Air Pollution Control. This Permit shall be posted in a conspicuous location at the Asbestos Abatement Project Site and shall be adequately framed or otherwise protected against dama;ge. The issuance of the permit by the Director shall not be held to prevent the County from pursuing enforcement actions against the Permit Holder for Violations of Article XXI.

# Miscellaneous

Deno to contrator to

godde is westly

So we can you've thingy

Service.

Actio 18 besto.

Overlaker. go through Gov DA.

Sam Miller Chasal intendent 502-377-5787



MIKE PIRMO

PMIKEA 0120@ GMAIL. COM
RALI Belancourt
(956) 410-8920
Mulbelancourt@arcabalement.com